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

May 11, 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: FIRST 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 *First 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.

First Quarter 2007
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared by:
Tait Environmental Management, Inc.

May 11, 2007

May 11, 2007

First 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:

Michael Schenone
Project Scientist

Reviewed by:

Paul N. McCarter, PG, CHG, REAII
Senior Project Manager

Tait Environmental Management
701 North Parkcenter Drive
Santa Ana, California 92705

Project No. EM-5009C

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

1.0 INTRODUCTION

This report summarizes the First 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 First Quarter 2007 groundwater monitoring and sampling program. In addition, groundwater data from membrane interface probe (MIP) and cone penetrometer (CPT) testing were provided by LFR, Inc. (LFR), and that information is also incorporated in this report.

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). An additional objective of this quarterly monitoring report is to combine the area-wide groundwater data provided by LFR with the groundwater information collected by Tait Environmental Management (TEM) to portray the overall extent of the impacted groundwater at the site.

The scope of work that 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).

4.0 SITE HYDROGEOLOGY

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

Drilling and sampling activities at the site indicate that a discontinuous clay layer is present below the surficial gravels to depths of 10 to 15 feet below ground surface (bgs), with the exception of the area at MW-2S/2M/2D, where the clay layer extends to a depth of 25 feet bgs (TEM, 2005). Soils below the clay layer to the maximum depth explored (30 feet bgs) consist primarily of gravelly sand and sandy gravel mixtures. The top of the Livermore Formation is not well defined; however, the Livermore Formation appears to contain a higher percentage of fine-grained material, primarily silt, than the overlying higher permeability gravels. Cross sections showing the site hydrogeology. 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 First Quarter 2007 groundwater monitoring data, the overall depth to groundwater at the site ranged from 2.46 feet bgs in well MW-4S to 6.65 feet bgs in well MW-12LF. In general, groundwater levels have risen an average of 2.78 feet in the wells relative to the Fourth Quarter 2006 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 0.017 foot/foot (ft/ft). In other areas of the site, this direction appears to be affected by a groundwater mound centered on well MW-10S in the eastern part of the site (Figure 3). In the northern part of the site, shallow-zone groundwater is flowing toward the northwest away from this mound at a gradient of approximately 0.017 ft/ft. In the eastern part of the site, shallow-zone groundwater is flowing in a south-southeasterly direction away from the mound at a gradient of approximately 0.04 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 an east-southeasterly direction at a gradient of approximately to 0.014 ft/ft (Figure 5). Mounding was not observed in the wells screened in the deep zone or in the wells screened in the Livermore Formation.

The flow direction in each of the 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. The redi-mix pond located west of the asphalt plant was pumped out during the summer of 2006, and the water level in the pond dropped approximately 10 feet during this time. The lowering of the water level in the redi-mix pond may have affected the wells located closest to it and had less effect on the furthest wells (MW-4 and MW-10). Also, Pond 1, which is located about 500 feet northeast of the asphalt plant was mucked out during the summer of 2006, and the water level dropped about two feet. Increased precipitation during the First Quarter 2007 may have affected the groundwater flow regime at the site; however, the resultant cumulative effects of these events are not clear.

5.0 GROUNDWATER MONITORING WELL PURGING AND SAMPLING

On February 26, 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 First 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 February 26, 27, and 28, 2007, the groundwater monitoring wells were sampled using a two-stage 12-volt pump as part of the First 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 is used for each well. The two-stage pump is cleaned/scrubbed and allowed to run several minutes in an Alconox cleaning solution in between each well. The pump is then rinsed and allowed to run several minutes in fresh water,

and then de-ionized water is poured over and through the pump several times for the final rinse and allowed to air dry. The pump is installed into the well approximately in the middle of the screened interval.

During the First Quarter 2007 sampling event, Tait collected groundwater samples from 23 wells at the site. During its contemporaneous site assessment activities, LFR collected three groundwater samples from TEM wells, one each from wells MW-5D, MW-7D, and MW-12D, using low-flow (micropurge) techniques. Sample handling procedures and analytical results for these wells are contained in LFR's report on its field activities (LFR, 2007).

The samples collected by TEM 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 181 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 March 12, 2007. The Certificate of Disposal is contained in Appendix C.

6.0 LABORATORY ANALYSES

The groundwater samples collected by TEM during the First 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. In addition, LFR data from wells MW-5D, MW-7D, and MW-12D were incorporated with the TEM data. First Quarter 2007 groundwater analytical results are summarized in Table 3, and historical groundwater analytical results are presented in Table 4. The TEM laboratory report is contained in Appendix D, and the LFR laboratory report for wells MW-5D, MW-7D, and MW-12D, which was presented in LFR's assessment report (LFR, 2007), is contained in Appendix E.

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. In addition, area-wide isoconcentration

maps displaying combined LFR and TEM groundwater analytical data for the deep-zone wells were prepared for TPHg (Figure15), MTBE (Figure 16), and benzene (Figure 17).

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 risen an average of 2.78 feet this quarter relative to the corresponding Fourth Quarter 2006 groundwater levels. The groundwater flow direction in all groundwater zones (shallow, deep, and Livermore Formation) is generally east-southeasterly to south-southeasterly at gradients ranging from 0.013 to 0.017 ft/ft. Shallow-zone groundwater in the northern part of the site was flowing in a northwesterly direction at a gradient of 0.017 ft/ft during the First 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 the pump-out of the redi-mix pond west of the asphalt plant during the summer of 2006, the muck-out of Pond 1 northeast of the asphalt plant during the summer of 2006, and the increased rated of precipitation during the First Quarter 2007.

- Twenty-three groundwater samples were collected by TEM from the monitoring wells at the site, and they were delivered to SunStar for analysis.

- Groundwater samples from wells MW-5D, MW-7D, and MW-12D were collected by LFR during the groundwater monitoring event and submitted to SunStar for analysis.

- A maximum TPHd concentration of 13,000 micrograms per liter (µg/L) was detected in well MW-11D. Highest TPHd concentrations appear to be localized in the southern part of the area and the vicinity of MW-9D in the north.

- A maximum TPHg concentration of 210,000 µg/L was detected in well MW-9D. 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). Area-wide data indicate that the lateral extent of TPHg concentrations in the deep-zone wells have been defined in the area surrounding the asphalt plant (Figure 15).

- 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. Area-wide distribution of the lateral extent of MTBE concentrations in the deep-zone wells has been defined in the area surrounding the asphalt plant (Figure 16).

- A maximum benzene concentration of 1,900 µg/L was detected in well MW-9D. Benzene tends to be localized in the northern part of the area in the vicinity of wells MW-7 and MW-9, although some lower level impacts were noted in well MW-11D (Figures 13 and 14). Area-wide distribution of the lateral extent of benzene concentrations in the deep- zone has been defined in the area surrounding the asphalt plant (Figure 17).

- Concentration trends of toluene, ethylbenzene, and total xylenes are similar to those of benzene.

- MTBE was the only fuel oxygenate detected above its respective reporting limit during the First 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 First Quarter 2007 shallow-zone gradient in the northern part of the site, may have occurred at the site in the past, resulting in variable migration pathways for the fuel hydrocarbons in the groundwater.

- Overall fuel hydrocarbon concentrations tend to be similar to the Fourth Quarter 2006 trends, although a significant decrease in concentrations levels was observed in well MW-7D during the First Quarter 2007 monitoring event.

- Based on the TEM and LFR data obtained during the First Quarter 2007 monitoring event, the lateral extent of hydrocarbons in groundwater appears to have been defined in the area surrounding the asphalt plant.

8.0 QUALITY ASSURANCE/QUALITY CONTROL

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

The program includes formal procedures for sampling, decontamination, instrument calibration, documentation of activities and calculations, and peer review. Routine QC procedures were performed by the laboratory and included daily calibration of instruments, percent surrogate recoveries and analysis of matrix spikes and matrix spike duplicates. The laboratory reported

the results to be within acceptable percent recoveries with no results exceeding the laboratory-established control limits.

9.0 REFERENCES

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

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

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.

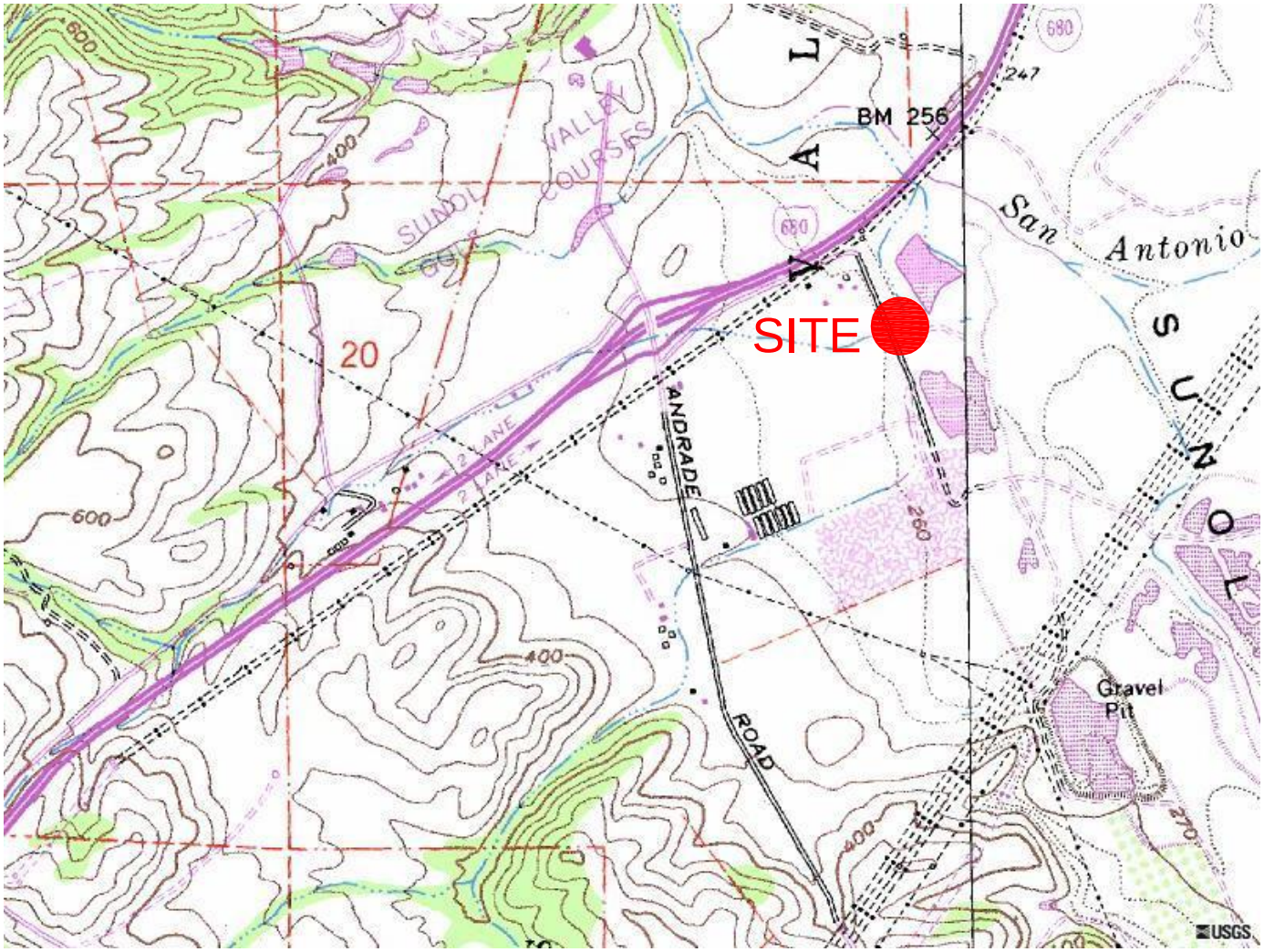
Tait Environmental Management, April 1, *2005, Site Assessment and First Quarter 2005 Groundwater Monitoring and Sampling Report*, Mission Valley Rock Company, 7999 Athenour Way, Sunol, California 94586.

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'

NOTES:

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

701 NORTH PARKCENTER DRIVE
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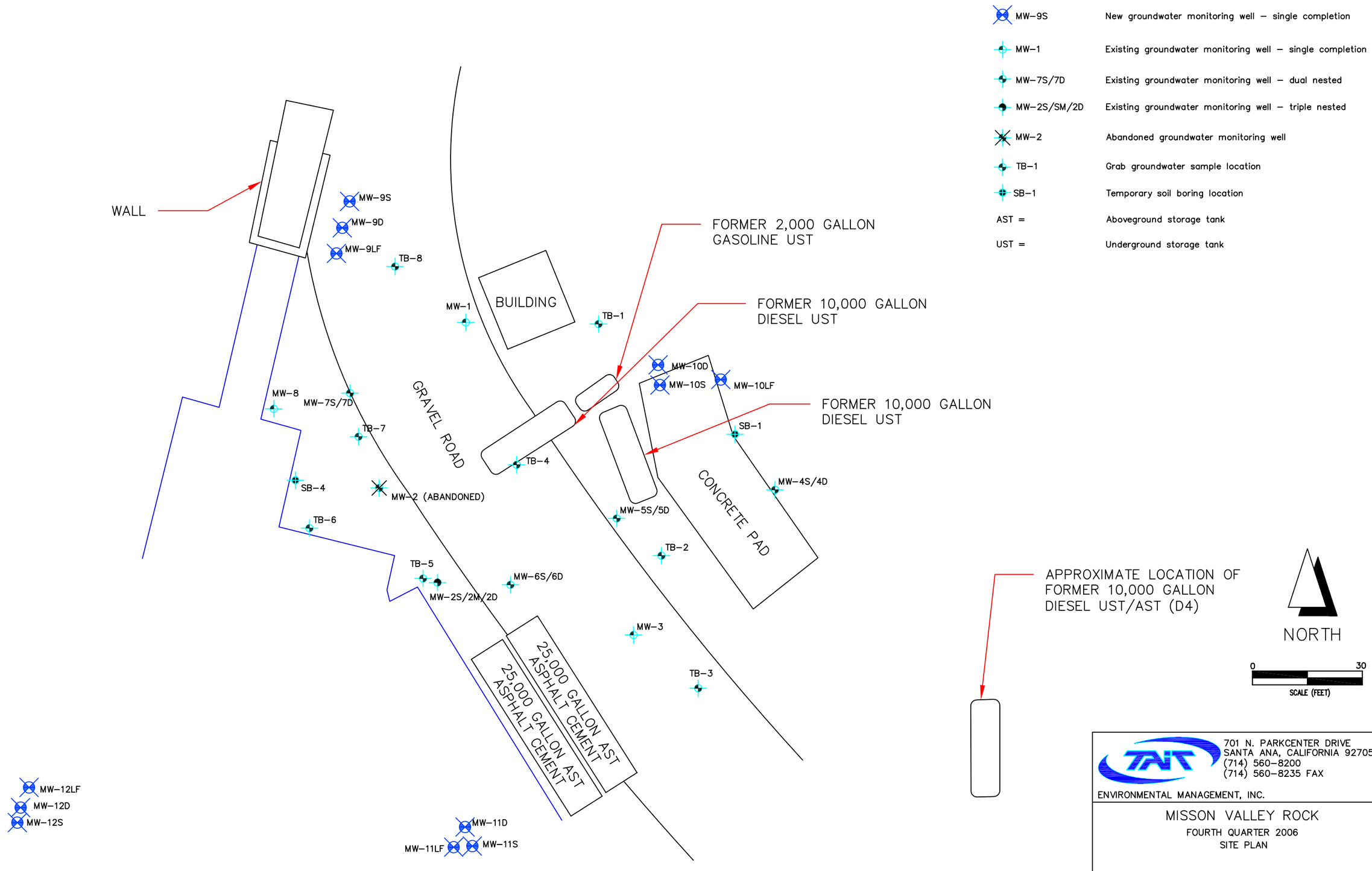
ENVIRONMENTAL MANAGEMENT, INC.

SITE VICINITY MAP

MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A

FIGURE 1



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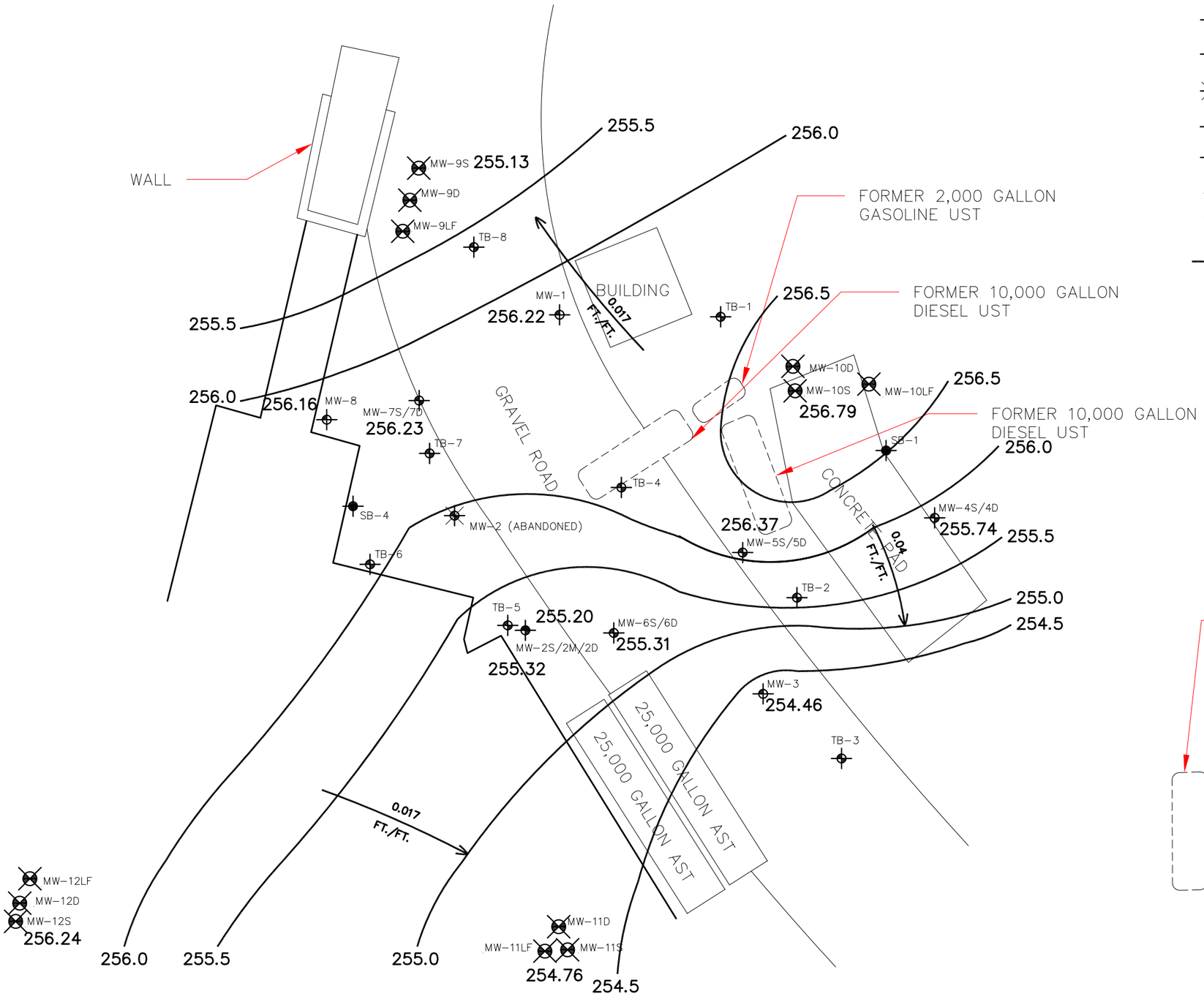
MISSON VALLEY ROCK

FOURTH QUARTER 2006
SITE PLAN

PROJECT NO. EM-5009C

FIGURE 2



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
—255.0—	Groundwater Elevation Contour (in feet above mean sea level)

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

NORTH

0 30

SCALE (FEET)

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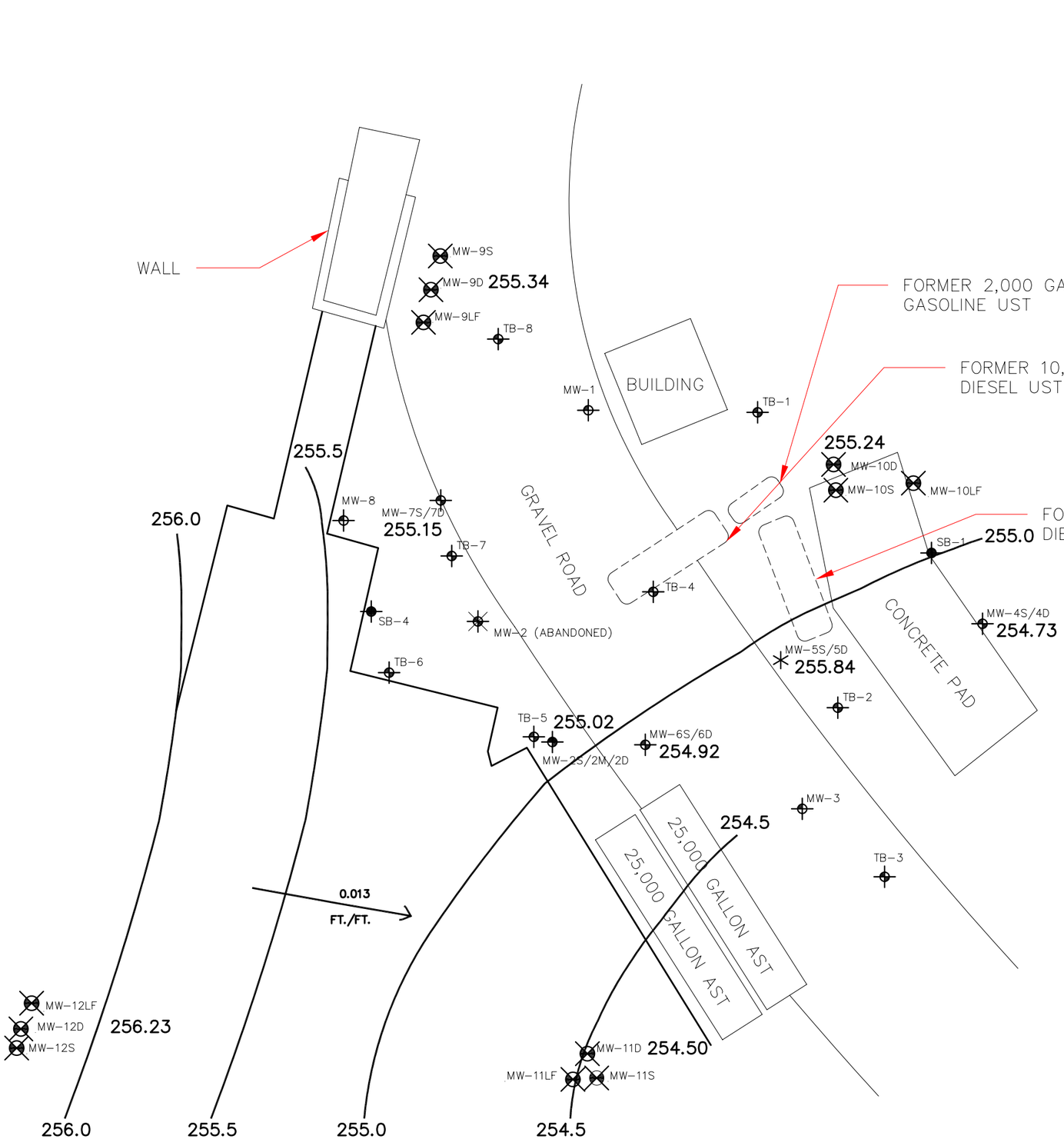
MISSION VALLEY ROCK

FIRST 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
—255.0—	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)

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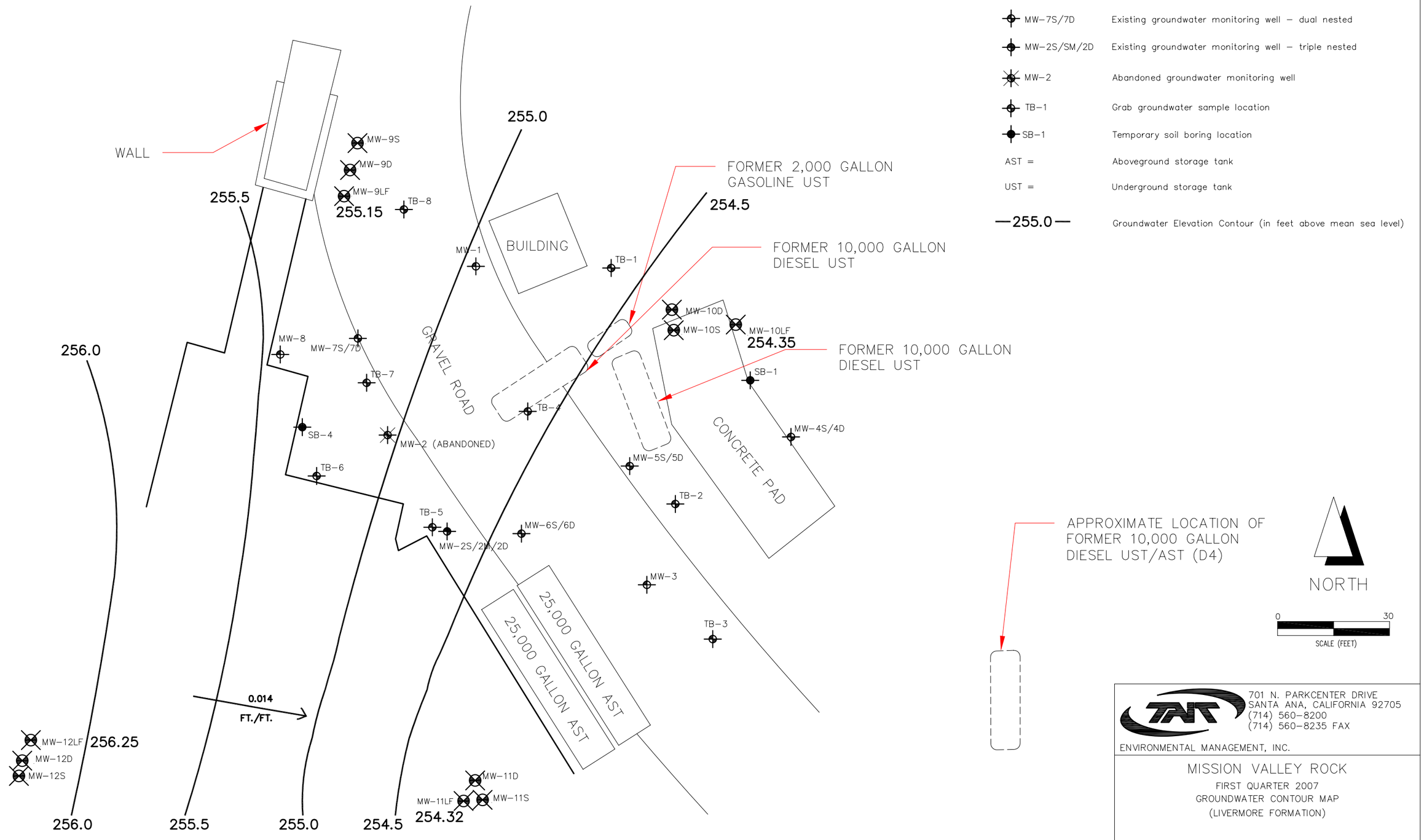
MISSION VALLEY ROCK

FIRST QUARTER 2007
GROUNDWATER CONTOUR MAP
(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 4



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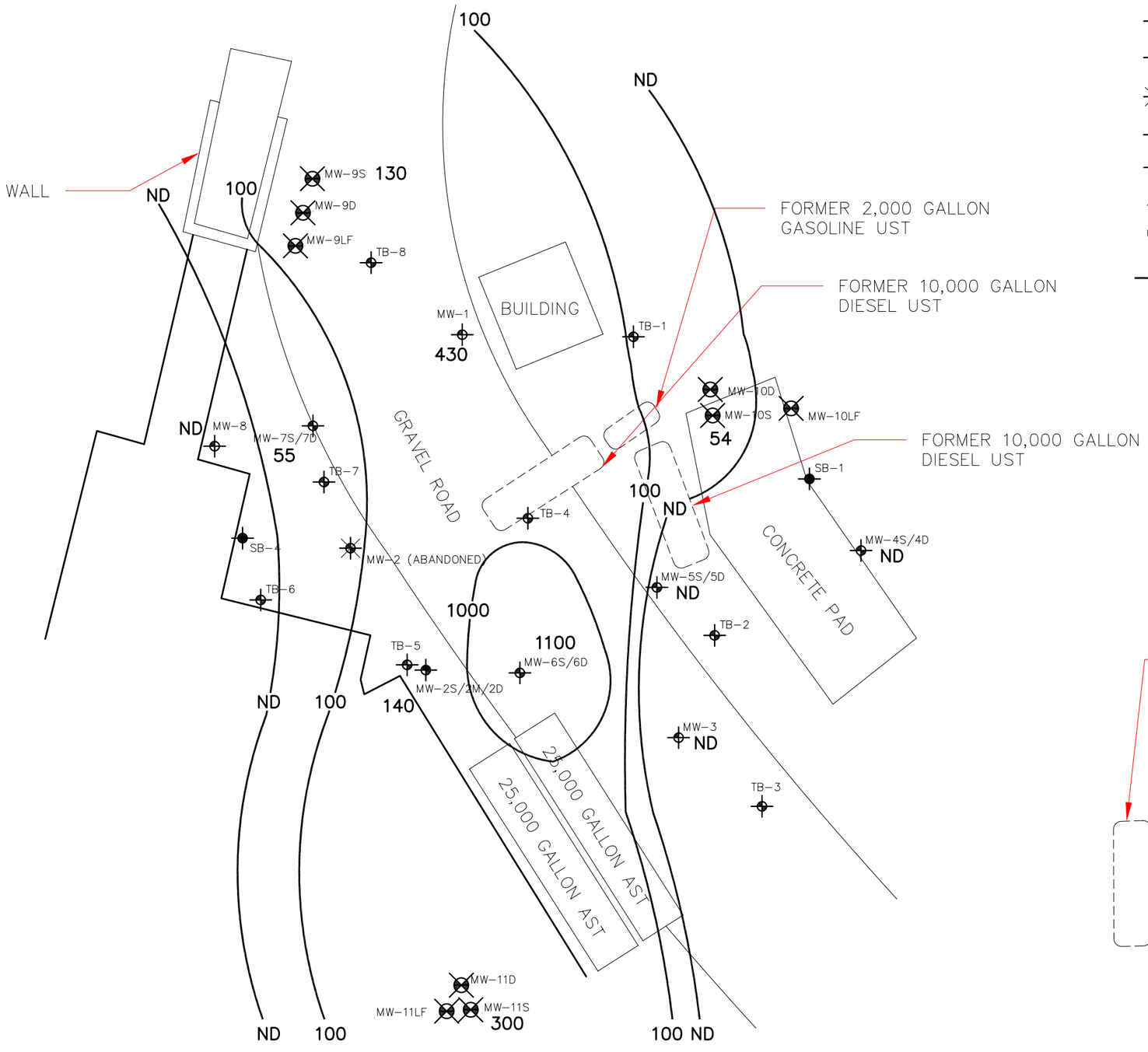
MISSION VALLEY ROCK

FIRST QUARTER 2007
GROUNDWATER CONTOUR MAP
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 5



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.

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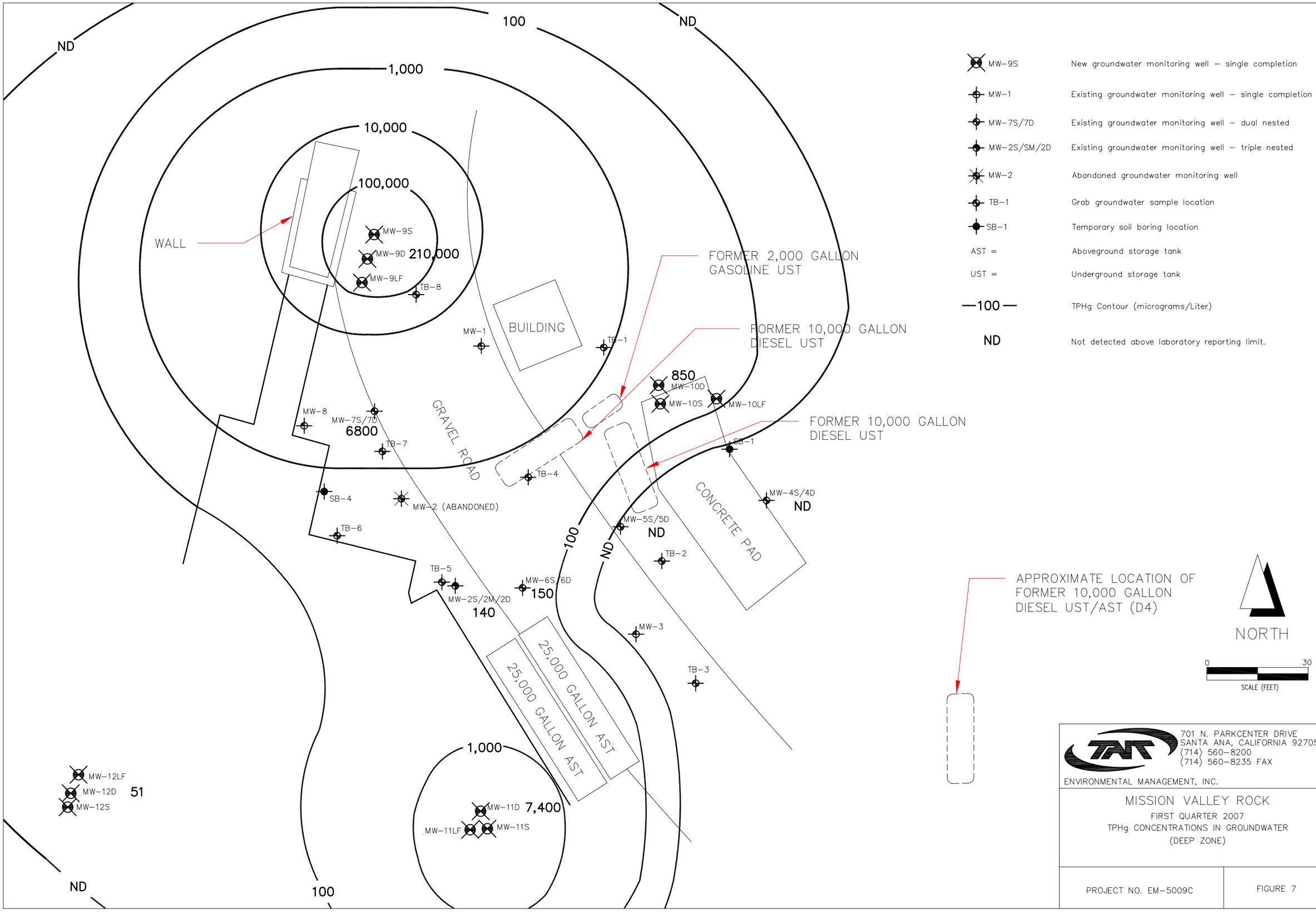
MISSION VALLEY ROCK

FIRST QUARTER 2007
TPHg CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 6



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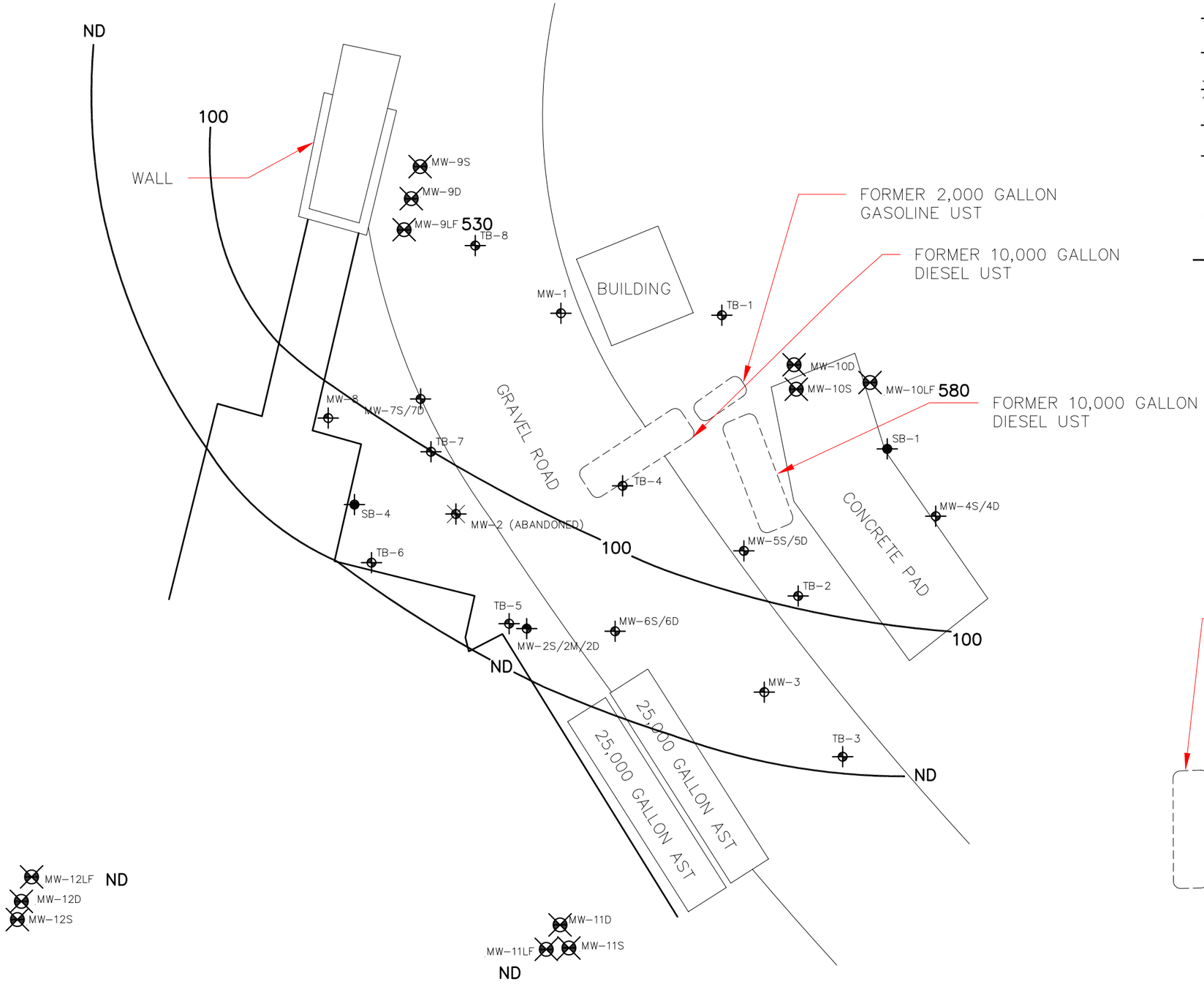
MISSION VALLEY ROCK

FIRST QUARTER 2007
TPHg CONCENTRATIONS IN GROUNDWATER
(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 7



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

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

NORTH

0 30
SCALE (FEET)

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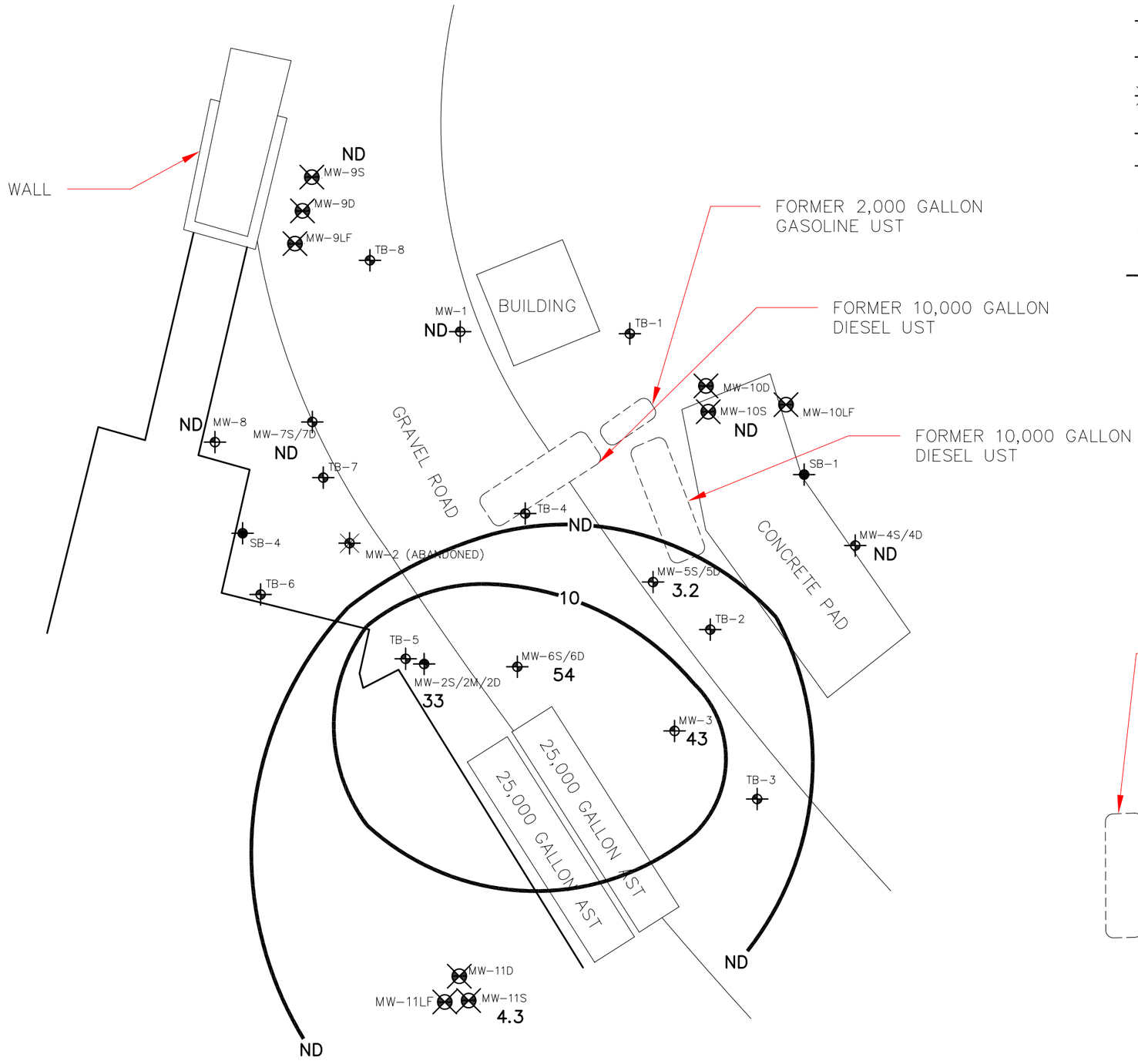
MISSION VALLEY ROCK

FIRST QUARTER 2007
TPHg CONCENTRATIONS IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 8



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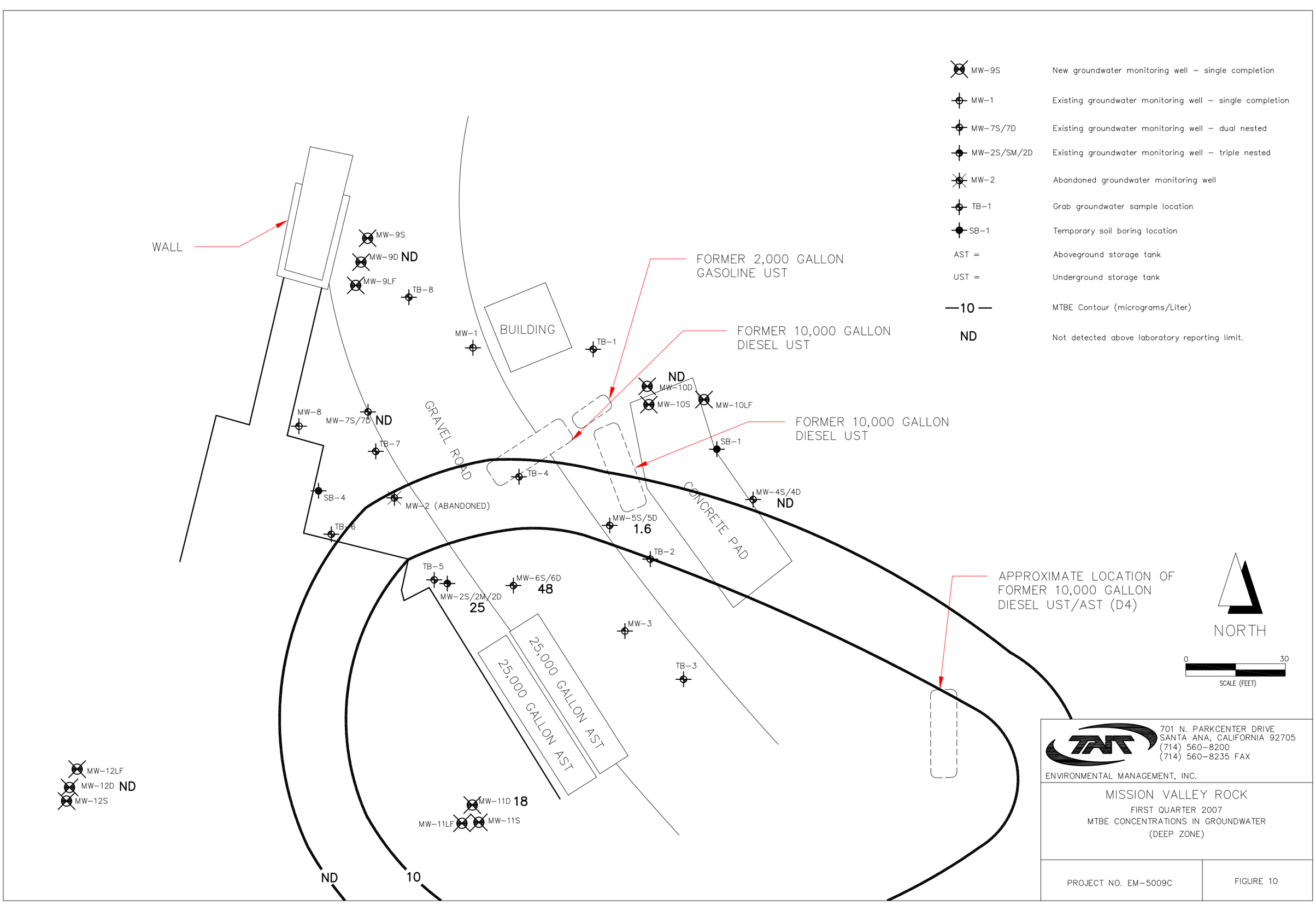
MISSION VALLEY ROCK

FIRST QUARTER 2007
MTBE CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 9



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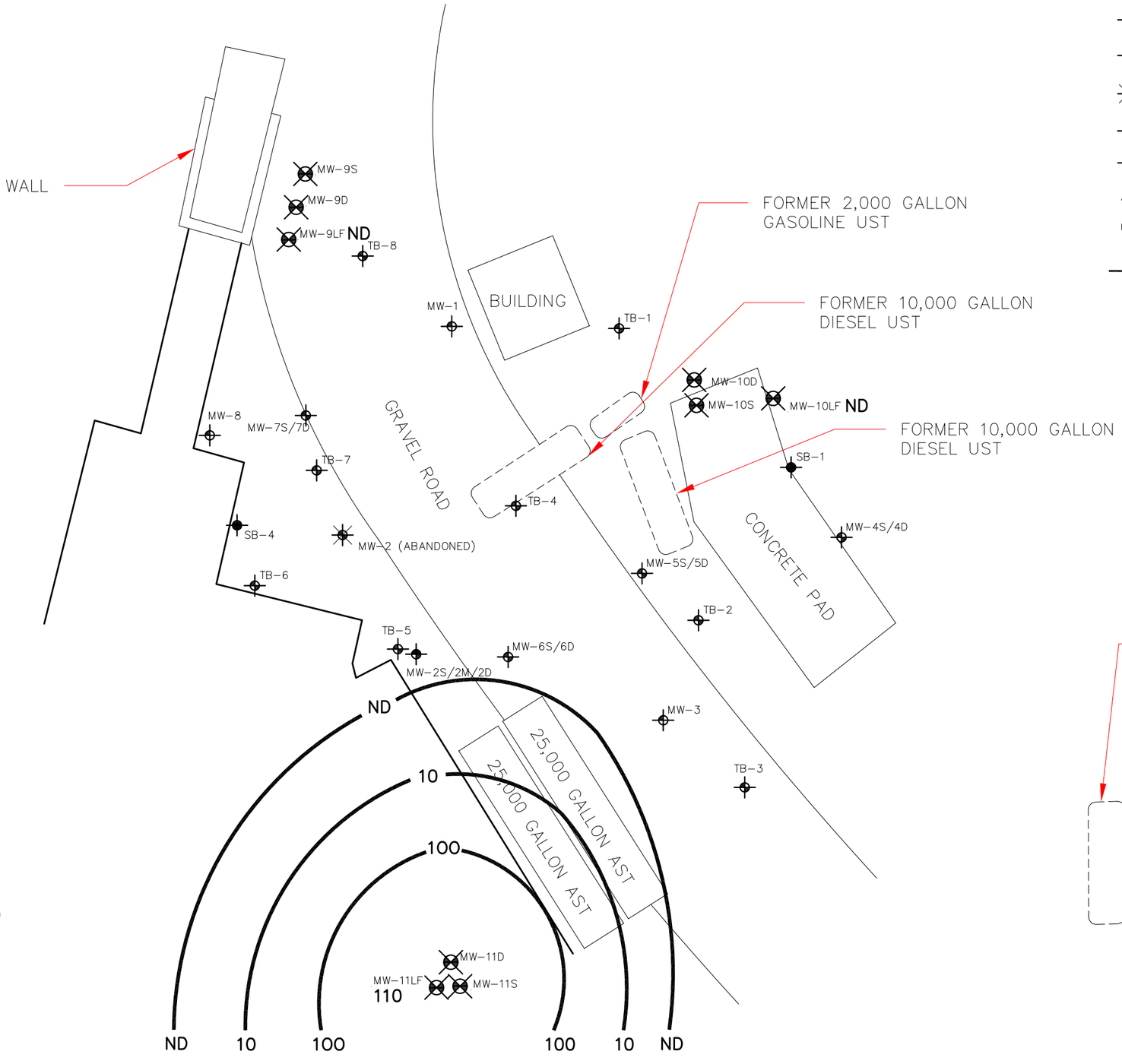
MISSION VALLEY ROCK

FIRST 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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(714) 560-8235 FAX

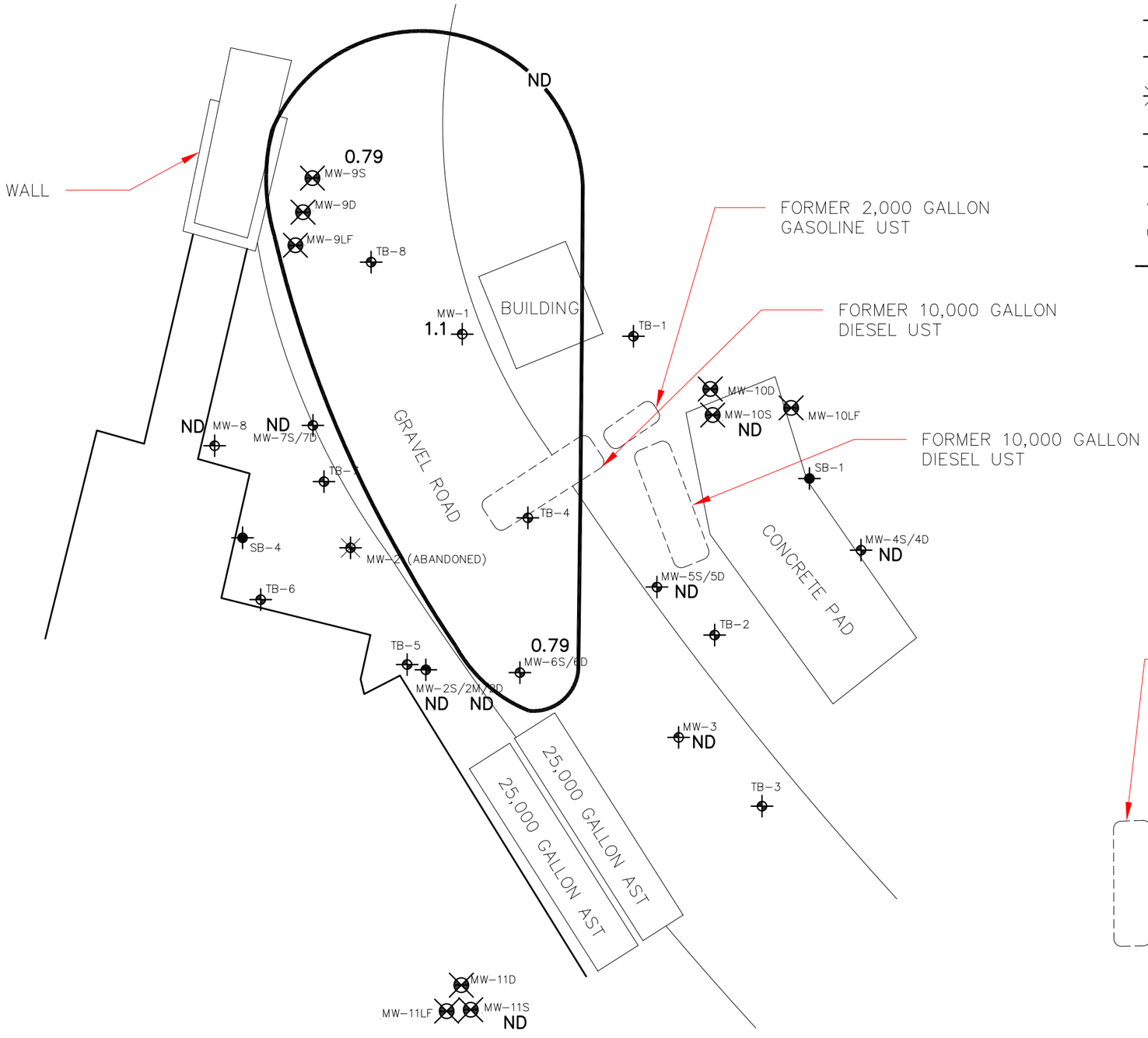
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

FIRST QUARTER 2007
MTBE CONCENTRATIONS IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 11



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
— ND —	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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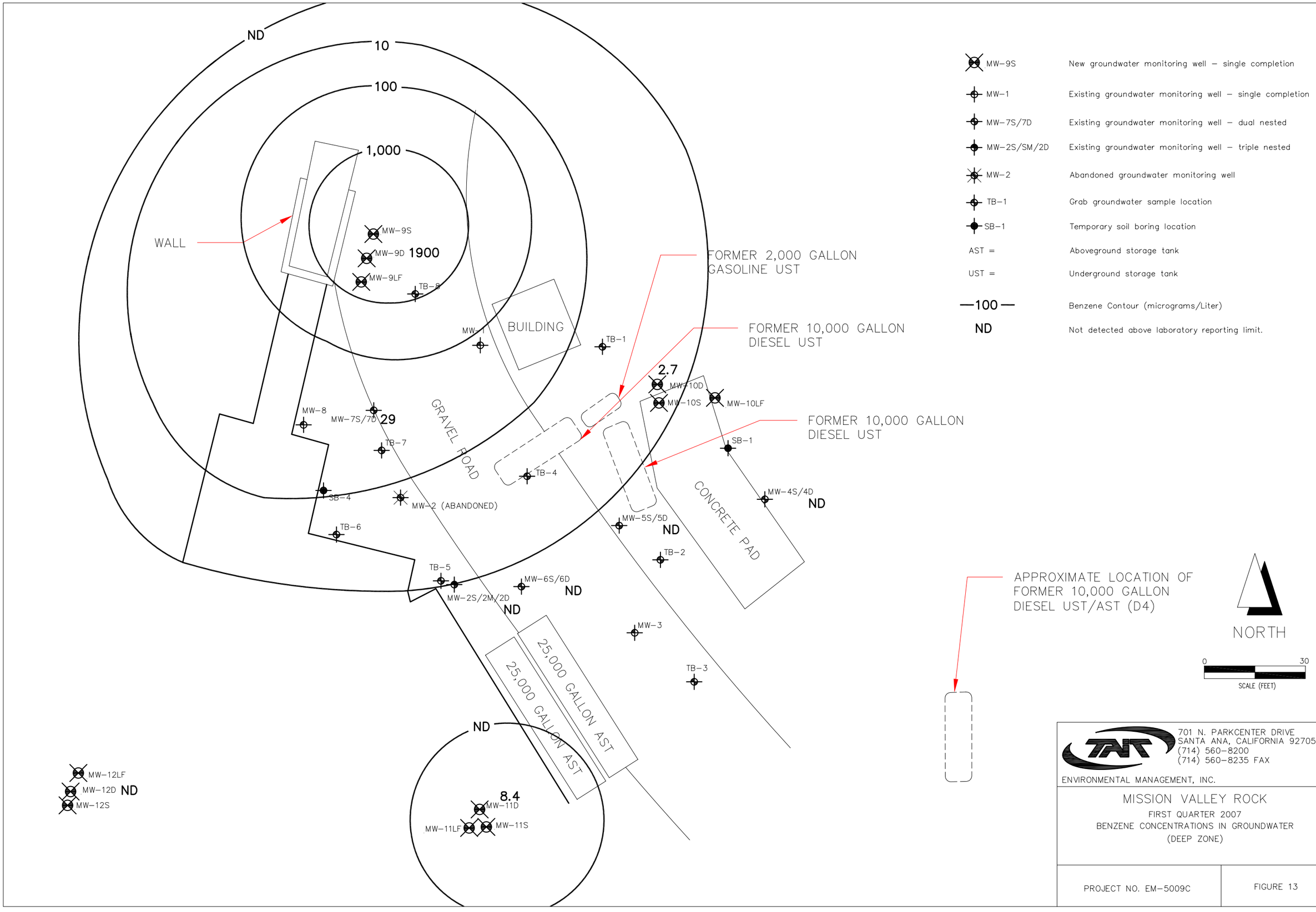
MISSION VALLEY ROCK

FIRST QUARTER 2007
BENZENE CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 12



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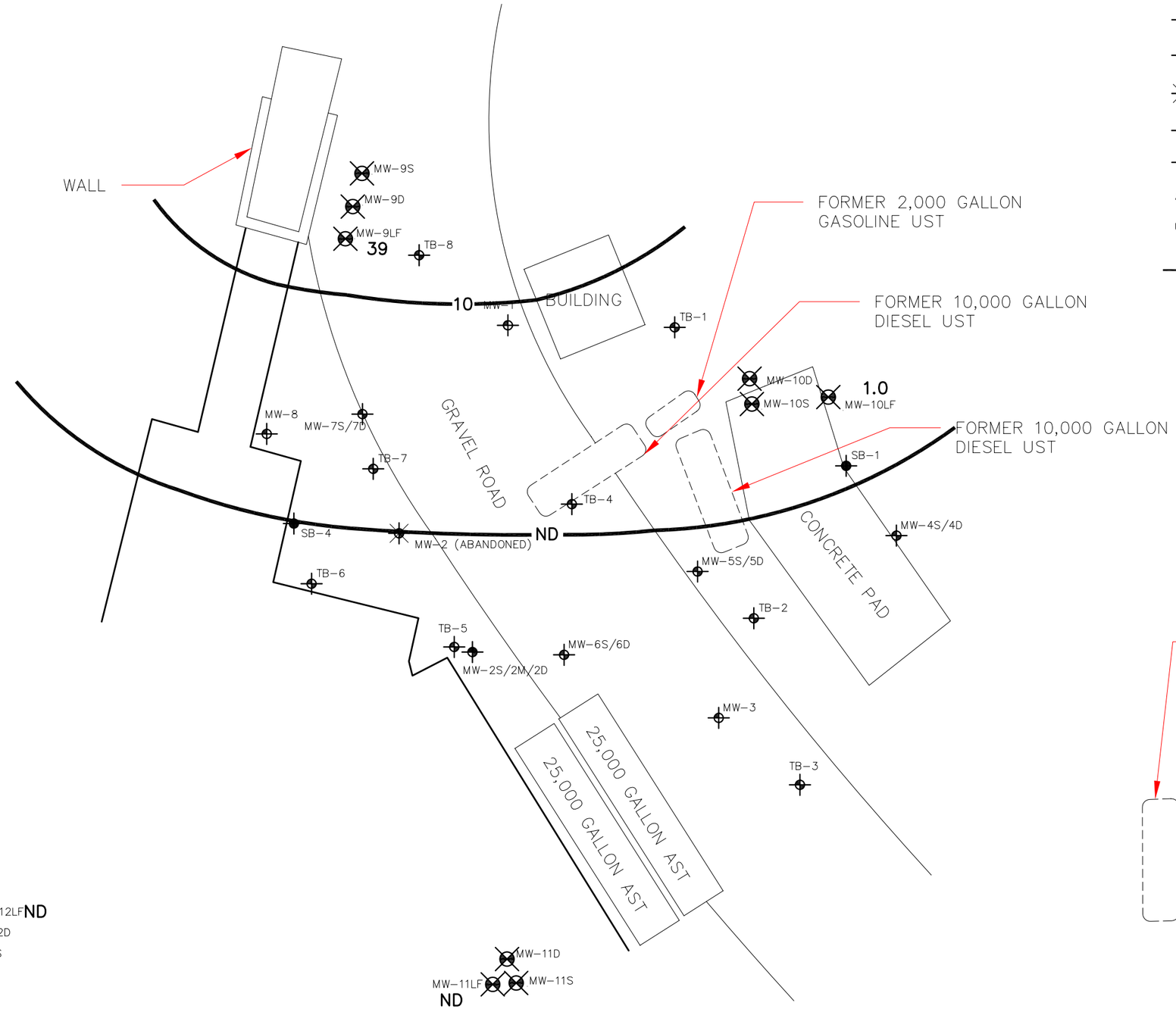
MISSION VALLEY ROCK

FIRST 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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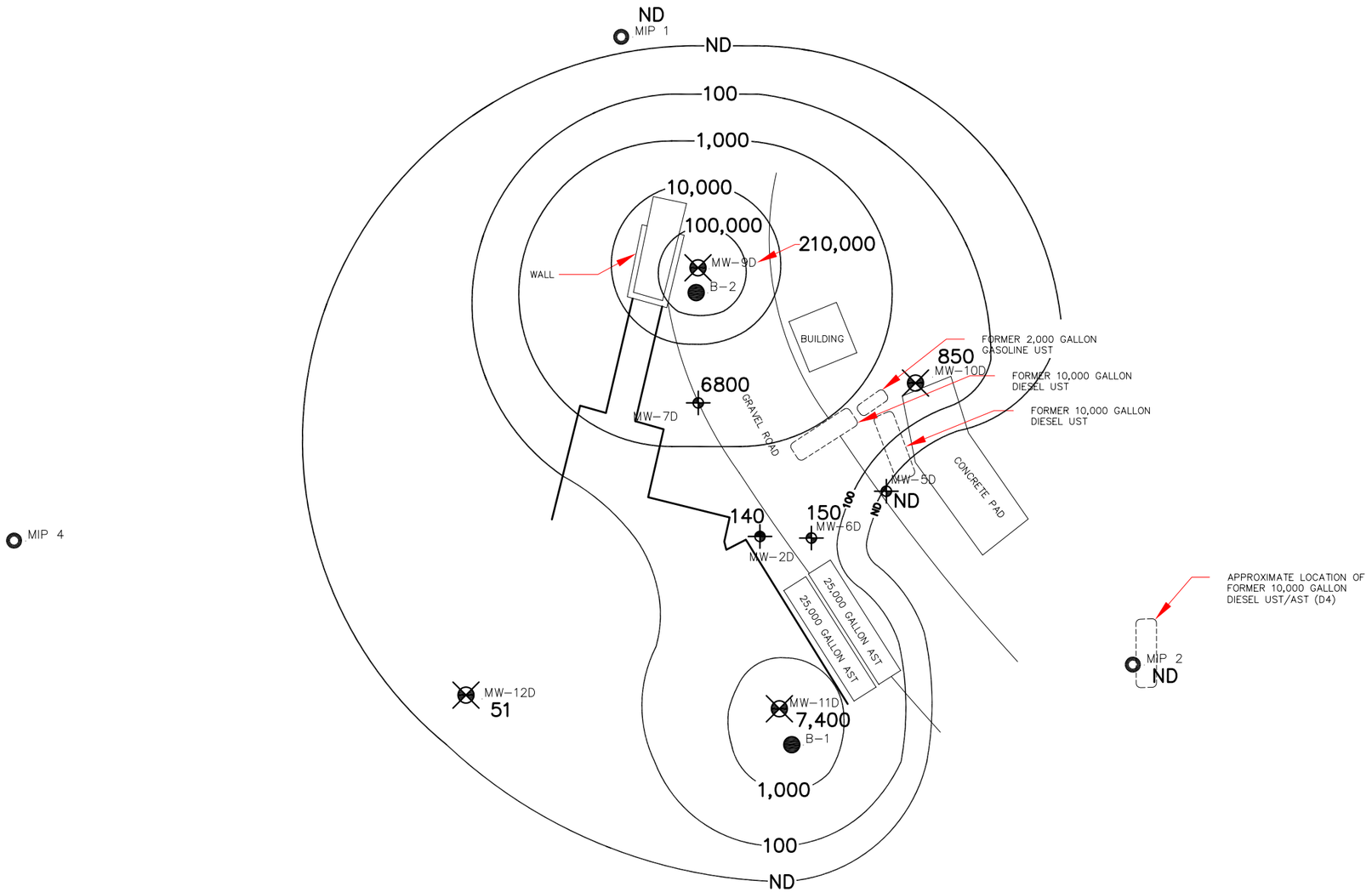
MISSION VALLEY ROCK

FIRST QUARTER 2007
BENZENE CONCENTRATIONS IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 14



MW-9S	New groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
AST =	Aboveground storage tank
UST =	Underground storage tank
	Soil Borings
	MIP/CPT Borings
—100—	TPHg Contour (micrograms/Liter)
ND	Not detected above laboratory reporting limit.

NORTH

0 60

SCALE (FEET)

NOTES:

DATA FOR MIP-1, MIP-2, MIP-3, MIP-5, MIP-6, B-1, AND B-2 PROVIDED BY LFR.

DATA FROM B-1 AND B-2 WERE NOT USED FOR CONTOURING PURPOSES AS THESE SYMBOLS WERE COLLECTED FROM A DEPTH OF ABOUT 20 FEET LOWER THAN CORRESPONDING WELLS MW-11LF AND MW-11LF RESPECTIVELY.

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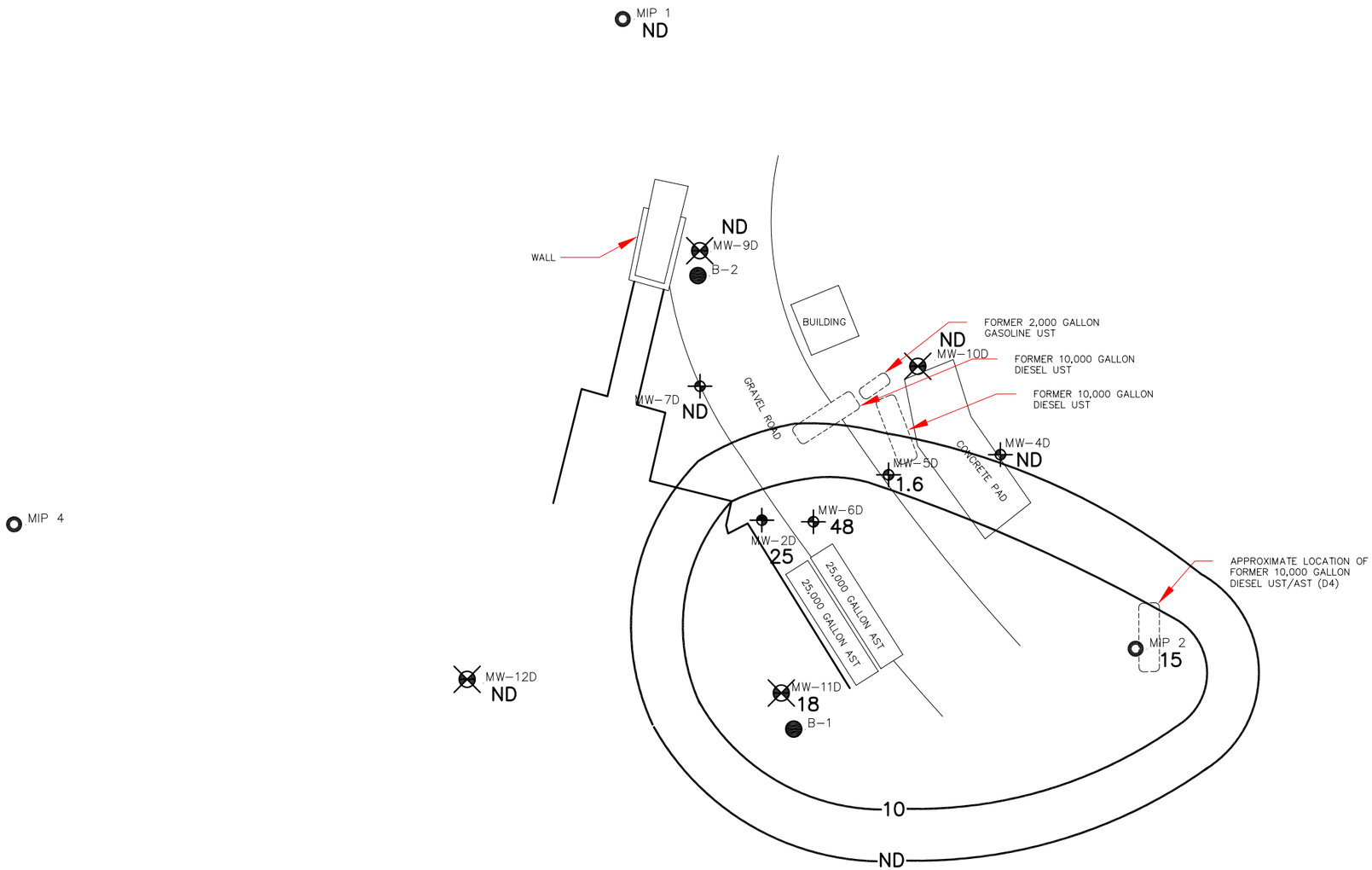
FIRST QUARTER 2007

AREA-WIDE TPHg CONCENTRATIONS IN GROUNDWATER

(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 15



NOTE:

DATA FOR MIP-1, MIP-2, MIP-3, MIP-5, MIP-6, B-1, AND B-2 PROVIDED BY LFR.

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MISSION VALLEY ROCK

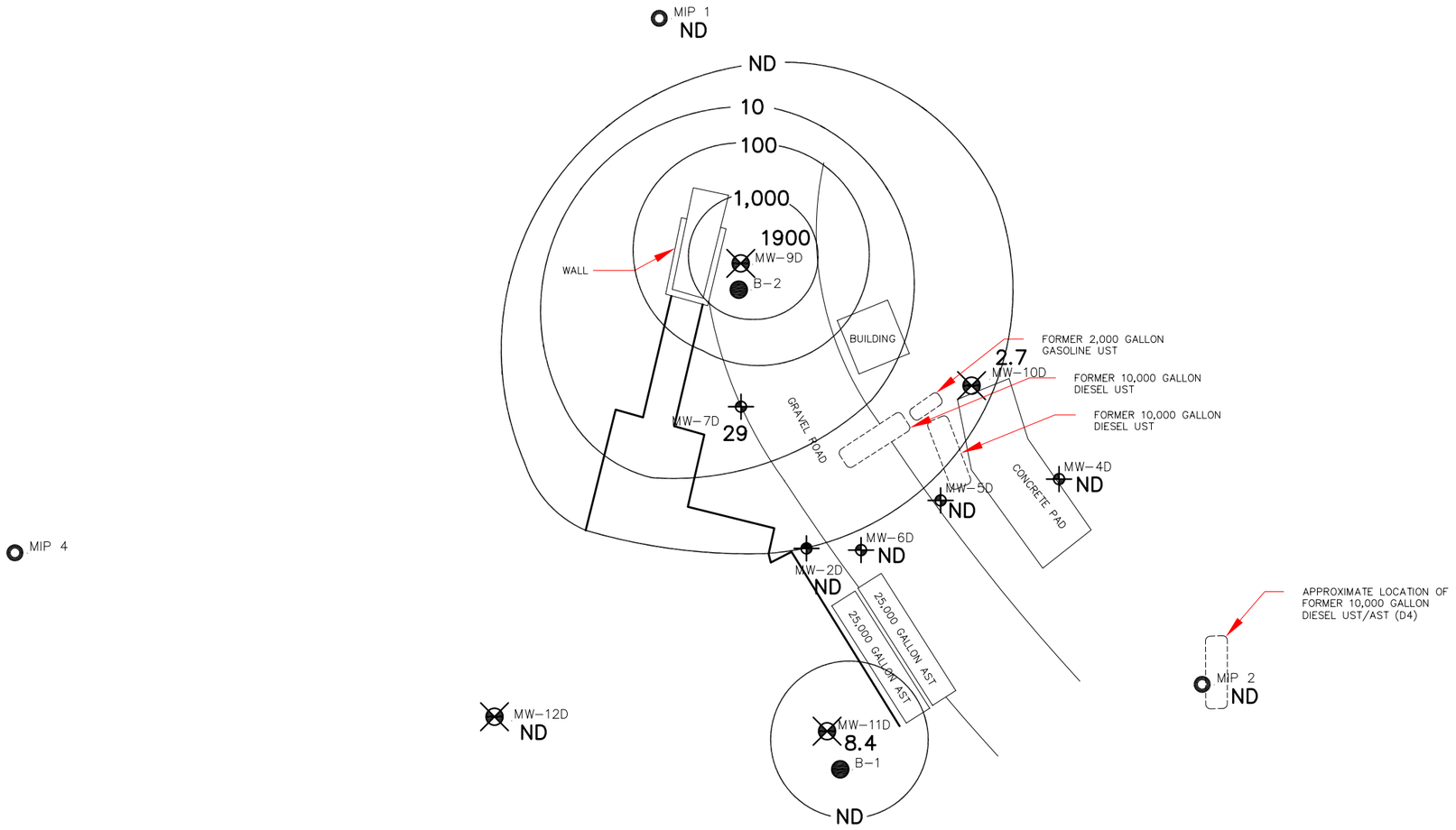
FIRST QUARTER 2007

AREA-WIDE MTBE CONCENTRATIONS IN GROUNDWATER

(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 16



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

MW-7S/7D — Existing groundwater monitoring well – dual nested

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

AST = Aboveground storage tank

UST = Underground storage tank

Soil Borings

MIP/CPT Borings

—10— Benzene Contour (micrograms/Liter)

ND Not detected above laboratory reporting limit.

MIP 6
ND

MIP 3

MIP 5
ND

NOTE:

DATA FOR MIP-1, MIP-2, MIP-3, MIP-5, MIP-6, B-1, AND B-2 PROVIDED BY LFR.

NORTH

0 60

SCALE (FEET)

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

ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK

FIRST QUARTER 2007

AREA-WIDE BENZENE CONCENTRATIONS IN GROUNDWATER

(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 17

TABLES

Table 1
Well Construction Details and Groundwater Elevation Data
First 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	2.46	17.78	5.0 - 20.0	258.68	256.22
MW-2S	2	3.52	8.71	3.0-8.0	258.84	255.32
MW-2M	2	3.79	12.29	14.0-19.0	258.99	255.20
MW-2D	2	3.89	29.54	25.0-30.0	258.91	255.02
MW-3	2	4.62	14.70	5.0-20.0	259.08	254.46
MW-4S	2	3.40	8.35	3.0-8.0	259.14	255.74
MW-4D	2	4.49	23.38	17.0-22.0	259.22	254.73
MW-5S	2	3.06	8.24	3.0-8.0	259.43	256.37
MW-5D	2	3.56	22.65	17.0-22.0	259.40	255.84
MW-6S	2	3.44	15.00	5.0-15.0	258.75	255.31
MW-6D	2	4.35	29.15	24.5-29.5	259.27	254.92
MW-7S	2	2.61	8.48	5.0-8.0	258.84	256.23
MW-7D	2	3.65	23.61	20.0-25.0	258.80	255.15
MW-8	2	2.68	15.30	5.0-15.0	258.84	256.16
MW-9S	2	3.28	12.20	5.3-12.3	258.41	255.13
MW-9D	2	3.52	24.28	18.9-23.9	258.86	255.34
MW-9LF	2	3.79	39.11	33.3-38.3	258.94	255.15
MW-10S	2	3.88	9.58	4.8-9.8	260.67	256.79
MW-10D	2	5.40	19.38	15.5-20.5	260.64	255.24
MW-10LF	2	6.23	39.90	34.4-39.4	260.58	254.35
MW-11S	2	4.20	9.43	4.8-9.8	258.96	254.76
MW-11D	2	4.48	20.50	15.3-20.3	258.98	254.50
MW-11LF	2	4.69	39.41	32.8-37.8	259.01	254.32
MW-12S	2	6.45	11.04	4.6-11.6	262.69	256.24
MW-12D	2	6.47	19.70	16.0-21.0	262.70	256.23
MW-12LF	2	6.65	39.50	33.7-38.7	262.90	256.25

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 February 26, 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
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		

Table 2
Historical Groundwater Gauging Data
Mission Valley Rock Company
Sunol, California

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
MW-2S	258.84	01/17/05	4.25	254.59	ND
		05/04/05	1.98	256.86	ND
		08/12/05	5.46	253.38	ND
		12/12/05	7.38	251.46	ND
		03/02/06	2.24	256.60	ND
		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
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
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

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
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
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

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
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
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
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

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-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
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
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
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
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
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
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
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
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
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

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-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
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
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
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
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

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
First 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)	MTBE (ug/L)
MW-1	2/27/2007	ND<500	**430**	**1.1**	ND<0.5	**7.9**	ND<1.0	ND<1.0
MW-2S	2/28/2007	**6600**	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**33**
MW-2M	2/27/2007	ND<500	**310**	ND<0.5	ND<0.5	**0.65**	ND<1.0	**25**
MW-2D	2/27/2007	**1100**	**140**	ND<0.5	ND<0.5	**0.63**	**1.1**	**25**
MW-3	2/27/2007	**56**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**43**
MW-4S	2/26/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-4D	2/26/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-5S	2/26/2007	**360**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**3.2**
MW-5D	2/28/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**1.6**
MW-6S	2/27/2007	**3000**	**1100**	**0.79**	ND<0.5	**1.1**	ND<1.0	**54**
MW-6D	2/27/2007	**470**	**150**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**48**
MW-7S	2/26/2007	ND<500	**55**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-7D	2/28/2007	**790**	**6800**	**29**	**51**	**460**	**491**	ND<1.0
MW-8	2/26/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-9S	2/27/2007	ND<500	**130**	**0.79**	**0.58**	**8.4**	**1.0**	ND<1.0
MW-9D	2/28/2007	**4500**	**210000**	**1900**	**6200**	**2400**	**9000**	ND<1.0
MW-9LF	2/27/2007	ND<500	**530**	**39**	**5.0**	**31**	**25.4**	ND<1.0
MW-10S	2/26/2007	ND<500	**54**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-10D	2/27/2007	**200**	**850**	**2.7**	**0.90**	**28**	**2.3**	ND<1.0
MW-10LF	2/27/2007	ND<500	**580**	**1.0**	**1.1**	**0.51**	**3.6**	ND<1.0

Table 3
Groundwater Analytical Results
First 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)	MTBE (ug/L)
MW-11S	2/27/2007	**540**	**300**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**4.3**
MW-11D	2/28/2007	**13000**	**7400**	**8.4**	**16**	**17**	**54**	**18**
MW-11LF	2/27/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**110**
MW-12S	2/27/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-12D	2/28/2007	ND<500	**51**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-12LF	2/26/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	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), and Tert-butyl alcolhol (TBA) were performed using EPA Method No. 8260B.
Tert-amyl methyl ether (TAME), Di-isoproppyl ether (DIPE), and Ethyl tert-butyl ther (ETBE) were not detected above laboratory detection limits.
Total xylene concentrations were determined by adding m,p-xylene and o-xylene from laboratory report.
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)	Tert-butyl Alcohol (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-1	06/23/98	**0.1**	**3,100**	**19**	**2.3**	**91**	ND<10	**48**	**110**
	10/01/98	**0.1**	**2,300**	**3.1**	**4.2**	**5.0**	ND<10	**15**	ND<0.5
	01/05/99	**350**	ND<50	**12**	**7.5**	**20**	ND<10	**6.2**	ND<5.0
	03/29/99	**190**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	06/10/99	**210**	**1,800**	**1.2**	**0.9**	**1.5**	ND<10	**4.6**	ND<0.5
	09/17/99	**62**	**180**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	12/27/99	**290**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	03/22/00	**86**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	06/30/00	**70**	**450**	**2.1**	ND<0.5	**2.1**	ND<10	**1.4**	**7.6**
	09/14/00	ND<50	**850**	**5.4**	ND<0.5	**9.4**	ND<10	**2.6**	**9.8**
	12/20/00	ND<1,000	**370**	**5.3**	ND<1.0	**2.7**	ND<10	ND<3.0	**55**
	03/22/01	ND<1,000	**700**	ND<1.0	ND<1.0	**1.4**	ND<10	ND<1.0	ND<1.0
	06/27/01	ND<1,000	**170**	ND<1.0	ND<1.0	**1.2**	ND<10	ND<1.0	ND<1.0
	09/21/01	ND<1,000	**730**	**1.4**	ND<1.0	**7.6**	ND<10	**1.2**	ND<1.0
	12/27/01	**1000**	**500**	**15**	ND<1.0	**27**	ND<10	**5.5**	ND<1.0
	03/29/02	**12000**	**29000**	**50**	ND<25	**960**	ND<10	**290**	ND<25
	06/13/02	ND<1,000	**1400**	**3.5**	ND<1.0	**42**	ND<10	**7.9**	ND<1.0
	09/27/02	**1400**	**760**	ND<1.0	ND<1.0	**4.3**	ND<10	**1.1**	ND<1.0
	12/03/02	ND<1,000	**1600**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0
	03/31/03	ND<1,000	**620**	**1.2**	ND<1.0	**12**	ND<10	ND<1.0	ND<1.0
	06/27/03	ND<1,000	**0.61**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0
	09/19/03	ND<1,000	**1.2**	ND<1.0	ND<1.0	**6.4**	ND<10	ND<1.0	ND<1.0
	12/22/03	ND<1,000	**0.49**	ND<1.0	ND<1.0	**3**	ND<10	ND<1.0	ND<1.0
	01/17/05	ND<50	**63**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	05/04/05	ND<50	**1200**	ND<0.5	ND<0.5	**8.5**	ND<10	**1.2**	ND<1.0
	08/12/05	ND<50	**410**	ND<0.5	ND<0.5	**2.4**	ND<10	ND<0.5	ND<1.0
	12/13/05	ND<50	**750**	**3.8**	ND<0.5	**4.2**	ND<10	ND<1.0	ND<1.0
	03/03/06	ND<50	**310**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/13/06	ND<50	**96**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/06/06	ND<50	**920**	ND<0.5	ND<0.5	**5.3**	ND<10	ND<1.0	ND<1.0
	12/05/06	ND<50	**1200**	**1.4**	ND<0.5	**1.5**	ND<10	ND<1.0	ND<1.0
	02/27/07	ND<500	**430**	**1.1**	ND<0.5	**7.9**	ND<10	ND<1.0	ND<1.0

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)	Tert-butyl Alcohol (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-2	06/23/98	**12,000**	**2,500**	**0.68**	ND<0.50	**1.2**	ND<10	**0.57**	**14**
	10/01/98	**4,300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	01/05/99	**38,000**	ND<5,000	ND<50	ND<50	**51**	ND<10	**190**	ND<500
	03/29/99	**580**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	06/10/99	**4,500**	**24,000**	**38**	**27**	**41**	ND<10	**98**	ND<0.5
	09/17/99	**24,000**	**1,400**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**27**
	12/27/99	**2,300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	03/22/00	**620**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	06/30/00	**1,700**	**270**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**17**
	09/14/00	**5,800**	**130**	ND<0.5	ND<0.5	ND<0.5	ND<10	**0.94**	**12**
	12/20/00	**19,000**	**1700**	ND<50	ND<50	ND<50	ND<10	ND<150	ND<250
	03/22/01	**610000**	**3300**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**9**
	06/27/01	**8800**	**1800**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**6.7**
	09/21/01	**530000**	**7000**	ND<50	ND<50	ND<50	ND<10	ND<50	ND<50
	12/27/01	**27000**	**310**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**62**
	03/29/02	**65000**	**130**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**30**
	06/13/02	**130000**	**460**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**24**
	09/27/02	**480000**	**290**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**16**
	12/03/02	**61000**	**1800**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**10**
	03/31/03	**5000**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**14**
	06/27/03	**8.1**	**360**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**20**
	09/19/03	**85**	**12**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**15**
	12/22/03	NS							
	01/17/05	Abandoned							
MW-2S	01/17/05	**1100**	**730**	ND<0.5	ND<0.5	**1.0**	ND<10	**3.5**	**50**
	05/04/05	**8200**	**190**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**44**
	08/12/05	**6100**	**120**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**77**
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**26**
	03/03/06	**5900**	**160**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**21**
	06/13/06	**8700**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**22**
	09/06/06	**11000**	**190**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**29**
	12/05/06	**18000**	ND<50	ND<0.5	ND<50	ND<0.5	ND<10	ND<1.0	**38**
	02/28/07	**6600**	**140**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**33**
MW-2M	01/17/05	**4100**	**3300**	**6.5**	**1.7**	**89**	ND<10	**82.2**	**38**
	05/04/05	ND<50	**610**	ND<0.5	ND<0.5	**16**	ND<10	**10.6**	**32**
	08/12/05	ND<50	**460**	ND<0.5	ND<0.5	**2.5**	ND<10	**1.2**	**56**
	12/12/05	ND<50	**410**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**28**
	03/03/06	ND<50	**290**	ND<0.5	ND<0.5	**0.5**	ND<10	ND<1.0	**17**
	06/13/06	ND<50	**130**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/06/06	**1900**	**330**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**22**
	12/05/06	**6100**	**340**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**37**
	02/27/07	ND<500	**310**	ND<0.5	ND<0.5	**0.65**	ND<10	ND<1.0	**25**

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)	Tert-butyl Alcohol (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-2D	01/17/05	**1800**	**1000**	**6.5**	ND<0.5	**80**	ND<10	**71**	**62**
	05/04/05	ND<50	**250**	ND<0.5	ND<0.5	**4.6**	ND<10	**1.6**	**72**
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	**2.8**	ND<10	**1.1**	**51**
	12/12/05	ND<50	**200**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**39**
	03/03/06	ND<50	**140**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**38**
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**36**
	09/06/06	**1700**	**230**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**27**
	12/05/06	**3000**	**150**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**37**
	02/27/07	**1100**	**140**	ND<0.5	ND<0.5	**0.63**	ND<10	**1.1**	**25**
MW-3	06/23/98	**12,000**	**300**	**0.80**	ND<0.5	ND<0.5	ND<10	ND<0.5	**150**
	10/01/98	**6400**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	01/05/99	**5,600**	ND<100	**1.6**	**1.4**	ND<1.0	ND<10	ND<1.0	**110**
	03/29/99	**150**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	06/10/99	**620**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	09/17/99	**1,500**	**230**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**89**
	12/27/99	**58**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	03/22/00	**94**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	06/30/00	**240**	**170**	ND<0.5	**0.52**	ND<0.5	ND<10	ND<0.5	**100**
	09/14/00	**850**	**170**	**0.81**	ND<0.5	ND<0.5	ND<10	ND<0.5	**68**
	12/20/00	**1600**	**230**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<3.0	**80**
	03/22/01	**1100**	**140**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**83**
	06/27/01	NS							
	09/21/01	**3800**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**45**
	12/27/01	**3100**	**340**	**1.4**	**1.1**	**10**	ND<10	**3.8**	**45**
	03/29/02	**1500**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**50**
	06/13/02	ND<1000	**160**	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**36**
	09/27/02	ND<1000	ND<1000	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**43**
	12/03/02	ND<1000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	**41**
	03/31/03	ND<1000	ND<100	ND<2.5	ND<2.5	ND<2.5	ND<10	ND<2.5	**92**
	06/27/03	**1200**	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	**93**
	09/19/03	ND<1000	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	**65**
	12/22/03	**5700**	**190**	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	**56**
	01/17/05	ND<50	**590**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**47**
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**190**
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**110**
	12/13/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**75**
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**140**
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**100**
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**67**
	12/05/06	ND<50	**82**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**39**
	02/27/07	**56**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**43**
MW-4S	01/17/05	ND<50	**65**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	**2.2**	ND<10	**5.8**	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	02/26/07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0

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)	Tert-butyl Alcohol (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-4D	01/17/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	08/12/05	ND<50	**410**	ND<0.5	**2.2**	**10**	ND<10	**25.5**	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**7.8**
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
MW-5S	01/17/05	ND<50	ND<50	ND<0.5	**4.5**	ND<0.5	ND<10	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**5.8**
	12/12/05	ND<50	ND<50	**3.4**	**1.3**	ND<0.5	ND<10	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**5.4**
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**5.8**
	2/26/2007	**360**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**3.2**
MW-5D	01/17/05	ND<50	**210**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**10**
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**6.4**
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**4.7**
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**5.0**
	09/05/06	ND<50	ND<50	ND<0.5	**0.60**	ND<0.5	ND<10	ND<1.0	**5.3**
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**1.9**
	02/28/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**1.6**
MW-6S	01/17/05	**2800**	**1600**	**6.1**	ND<0.5	**3.6**	ND<10	**2.3**	**160**
	05/04/05	ND<50	**750**	ND<0.5	ND<0.5	**3.0**	ND<10	ND<0.5	**160**
	08/12/05	**1300**	**1100**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**410**
	12/12/05	ND<50	**1000**	ND<0.5	ND<0.5	**1.4**	ND<10	ND<1.0	**190**
	03/03/06	ND<50	**940**	ND<0.5	ND<0.5	**4.9**	ND<10	ND<1.0	**60**
	06/14/06	**1300**	**650**	ND<0.5	**1.7**	**1.9**	ND<10	**2.0**	ND<1.0
	09/06/06	**2400**	**750**	ND<0.5	ND<0.5	**0.7**	ND<10	**0.5**	**200**
	12/05/06	**2600**	**1000**	ND<0.5	ND<0.5	**1.2**	ND<10	ND<1.0	**110**
	02/27/07	**3000**	**1100**	**0.79**	ND<0.5	**1.1**	ND<10	ND<1.0	**54**
MW-6D	01/17/05	**2100**	**1200**	**10**	ND<0.5	**1.6**	ND<10	**2.2**	**180**
	05/04/05	ND<50	**360**	**2**	ND<0.5	ND<0.5	ND<10	ND<0.5	**360**
	08/12/05	ND<50	**480**	**2**	ND<0.5	ND<0.5	ND<10	ND<0.5	**270**
	12/12/05	ND<50	**240**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**92**
	03/03/06	ND<50	**310**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**93**
	06/14/06	ND<50	**130**	ND<0.5	**3.0**	**1.1**	ND<10	**2.6**	**69**
	09/06/06	ND<50	**230**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**74**
	12/06/06	**1300**	**500**	**0.98**	**8.1**	**16**	ND<10	**38.8**	**59**
	02/27/07	**470**	**150**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**48**

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)	Tert-butyl Alcohol (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-7S	01/17/05	ND<50	**12000**	**10**	**89**	**590**	ND<10	**1670**	ND<1.0
	05/04/05	**520**	**1600**	ND<0.5	ND<0.5	**31**	ND<10	**18.4**	ND<1.0
	08/12/05	ND<50	**660**	ND<0.5	ND<0.5	**5.5**	ND<10	ND<0.5	ND<1.0
	12/12/05	ND<50	**610**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	03/03/06	ND<50	**630**	**1.1**	**9**	**31**	ND<10	**78**	ND<1.0
	06/14/06	ND<50	**430**	ND<0.5	ND<0.5	**6.1**	ND<10	**14.5**	ND<1.0
	09/07/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	02/26/07	ND<500	**55**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
MW-7D	01/17/05	ND<50	**23000**	**350**	**1000**	**1800**	ND<10	**5200**	ND<1.0
	05/04/05	NS							
	08/12/05	**37**	**83000**	**550**	**2200**	**4400**	ND<10	**10600**	ND<50
	12/12/05	**150000**	**1300000**	**640**	**3100**	**21000**	ND<10	**54800**	ND<50
	03/03/06	**45000**	**71000**	**420**	**2400**	**4400**	ND<10	**11300**	ND<1.0
	06/14/06	ND<50	**160000**	**310**	**2400**	**4500**	ND<10	**9800**	ND<1.0
	09/07/06	**22000**	**71000**	**360**	**8600**	**33000**	ND<10	**87000**	ND<1.0
	12/06/06	**12000**	**58000**	**160**	**1300**	**3900**	ND<10	**5800**	ND<1.0
	02/28/07	**790**	**6800**	**29**	**51**	**460**	ND<10	**491**	ND<1.0
MW-8	01/17/05	ND<50	**120**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	12/12/05	**830**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/07/06	ND<50	ND<50	ND<0.5	**3.3**	ND<0.5	ND<10	**5.5**	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
MW-9S	05/05/06	ND<50	**1300**	**8.6**	**24**	**40**	ND<10	**29.8**	ND<1.0
	06/14/06	ND<50	**330**	ND<0.5	ND<0.5	**3.0**	ND<10	ND<1.0	ND<1.0
	09/07/06	ND<50	**240**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	12/05/06	ND<50	**190**	ND<0.5	ND<0.5	**0.76**	ND<10	ND<1.0	ND<1.0
	02/27/07	ND<500	**130**	**0.79**	**0.58**	**8.4**	ND<10	**1.0**	ND<1.0
MW-9D	05/05/06	**13**	**88000**	**5500**	**15000**	**4200**	ND<10	**15000**	ND<1.0
	06/14/06	ND<50	**76000**	**3200**	**13000**	**2700**	ND<10	**9200**	ND<1.0
	09/07/06	**5400**	**58000**	**1800**	**7400**	**2400**	ND<10	**8000**	ND<1.0
	12/06/06	**9100**	**170000**	**1800**	**6700**	**3400**	ND<10	**7400**	ND<1.0
	02/28/07	**4500**	**210000**	**1900**	**6200**	**2400**	ND<10	**9000**	ND<1.0
MW-9LF	05/05/06	ND<50	**5400**	**12**	**17**	**190**	ND<10	**150**	ND<1.0
	06/14/06	ND<50	**1800**	**13**	**17**	**30**	ND<10	**36**	ND<1.0
	09/07/06	ND<50	**1100**	**58**	**23**	**31**	ND<10	**58**	ND<1.0
	12/05/06	**290**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**31**
	02/27/07	ND<500	**530**	**39**	**5**	**31**	ND<10	**25.4**	ND<1.0
MW-10S	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/07/06	ND<50	**93**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	02/26/07	ND<500	**54**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0

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)	Tert-butyl Alcohol (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-10D	05/05/06	ND<50	**5900**	**24**	**9**	**260**	ND<10	**23**	ND<1.0
	06/13/06	ND<50	**2300**	**7.6**	**2.4**	**66**	ND<10	**6.6**	ND<1.0
	09/07/06	ND<50	**2400**	**3.9**	**2.0**	**54**	ND<10	**11.89**	ND<1.0
	12/06/06	ND<50	**1600**	**2.5**	**1.0**	**28**	ND<10	**4**	ND<1.0
	02/27/07	**200**	**850**	**2.7**	**0.90**	**28**	ND<10	**2.3**	ND<1.0
MW-10LF	05/05/06	ND<50	**860**	ND<0.5	**11**	ND<0.5	ND<10	**4.6**	ND<1.0
	06/13/06	ND<50	**780**	**2.0**	**2.4**	**1.1**	ND<10	**4.2**	ND<1.0
	09/07/06	ND<50	**780**	**1.7**	**1.6**	**1.7**	ND<10	**7.8**	ND<1.0
	12/05/06	**190**	**610**	**0.5**	**0.56**	ND<0.5	ND<10	**1.5**	**3.7**
	02/27/07	ND<500	**580**	**1.0**	**1.1**	**0.51**	ND<10	**3.6**	ND<1.0
MW-11S	05/05/06	ND<50	**11000**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**8.4**
	06/14/06	ND<50	**730**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/06/06	**3300**	**1400**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**4.8**
	12/06/06	**1700**	**130**	**0.71**	ND<0.5	**0.64**	ND<10	**0.51**	**11**
	02/27/07	**540**	**300**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**4.3**
MW-11D	05/05/06	ND<50	**13000**	**20**	**20**	**26**	ND<10	**77**	**47**
	06/14/06	**18000**	**6500**	**12**	**4.4**	**11**	ND<10	**22**	**26**
	09/06/06	**210000**	**33000**	**25**	**30**	**28**	ND<10	**97**	**31**
	12/06/06	**190000**	**2100**	**15**	**23**	**29**	ND<10	**101**	**19**
	02/28/07	**13000**	**7400**	**8.4**	**16**	**17**	ND<10	**54**	**18**
MW-11LF	05/05/06	ND<50	**1300**	ND<0.5	ND<0.5	ND<0.5	ND<10	**3**	**250**
	06/14/06	**1100**	**99**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**240**
	09/06/06	**5300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**160**
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**240**
	02/27/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	**110**
MW-12S	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/07/06	ND<50	**81**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	**210**	ND<1.0	ND<1.0
	02/27/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
MW-12D	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	02/28/07	ND<500	**51**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
MW-12LF	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<1.0	ND<1.0

Notes:

Concentrations reported in micrograms per Liter (ug/L)

MTBE = Methyl-tert-Butyl Ether

ND = Not Detected at or above corresponding reporting limit

NS = Not Sampled

TPHd = Total Petroleum Hydrocarbons as Diesel

TPHd = Total Petroleum Hydrocarbons as Gasoline

NM: Not Measured

Table 5
Additional Investigation Analytical Results
First Quarter 2007
Mission Valley Rock Company
Sunol, California

Sample ID	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)	ETBE (ug/L)
MIP-1 (20-22)	2/27/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0
MIP-2 (23-26)	2/28/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	**15**	ND<10	ND<2.0	ND<2.0	ND<2.0
MIP-3 (32-39)	2/28/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0
MIP-5 (17-20)	2/28/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	**3.4**	ND<10	ND<2.0	ND<2.0	ND<2.0
MIP-5 (27-30)	2/28/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0
MIP-6 (18-21)	2/28/2007	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0
B-1 (60-65)	3/2/2007	ND<500	ND<50	**0.75**	**0.59**	ND<0.5	ND<1.0	ND<0.5	**7.6**	ND<10	ND<2.0	ND<2.0	ND<2.0
B-2 (55-60)	3/1/2007	ND<500	ND<50	ND<0.5	**1.3**	**0.77**	**2.9**	**1.2**	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0

Notes:

TPHg = total petroleum hydrocarbons as gasoline

TPHd = total petroleum hydrocarbons as diesel

MTBE = methyl tert-butyl ether

TBA = tert-butyl alcohol

TAME = tert-amyl methyl ether

DIPE = di-isopropyl ether

ETBE = ethyl tert-butyl ether

ug/L = Micrograms per Liter

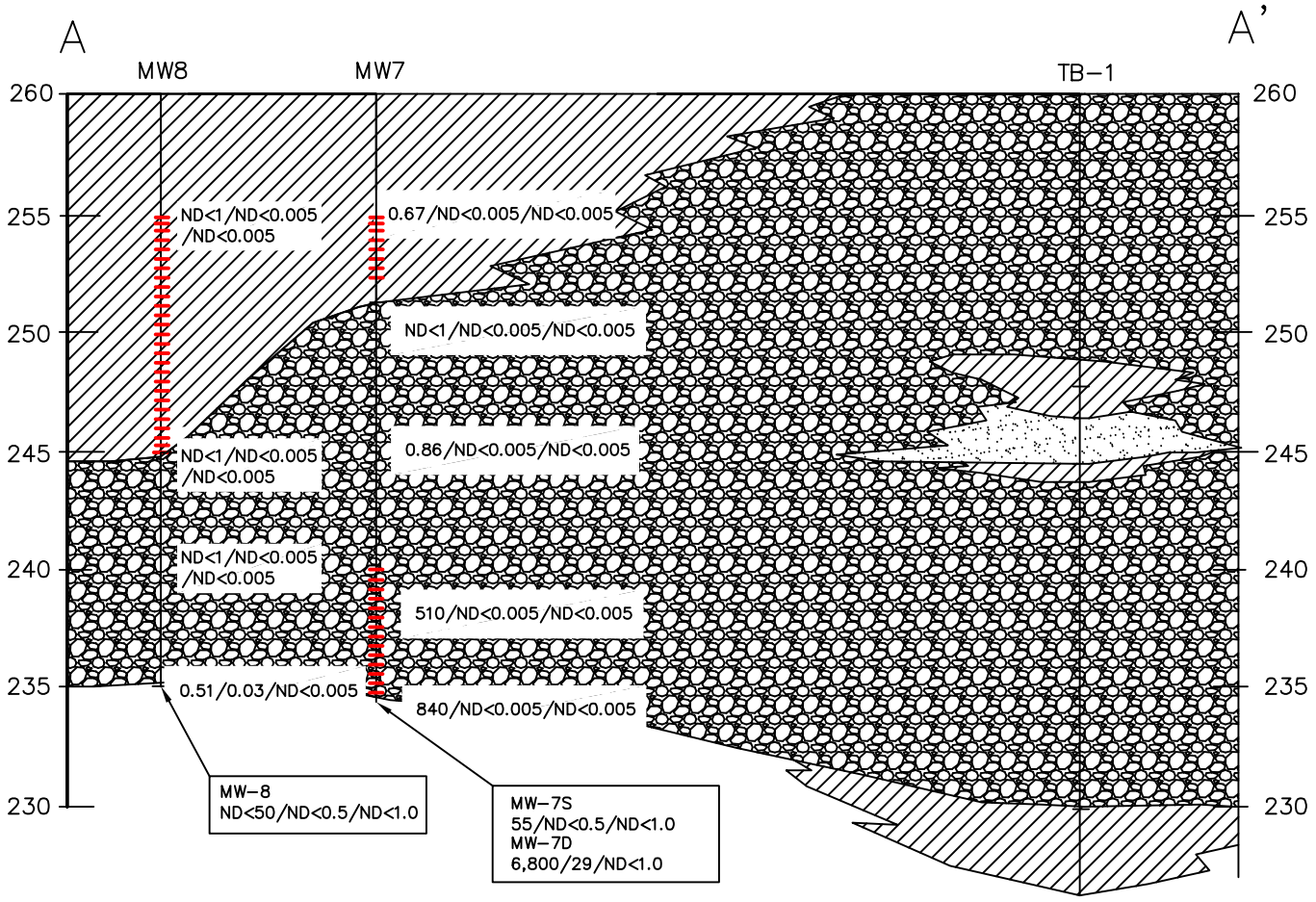
ND = Non-detect at or above corresponding laboratory reporting limit.

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

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

APPENDIX A

CROSS SECTIONS



LEGEND

- SILTY SAND/SAND
- CLAY
- GRAVEL

5'
20'
0
0

SCALES VERTICAL SCALE EXAGGERATED

LAB DATA RESULTS
(mg/kg):
TPHg/BENZENE/MTBE
ND<1/ND<0.005/ND<0.005

Screen Interval in Well

Groundwater Data Results
December 2006 (µg/l)
TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0

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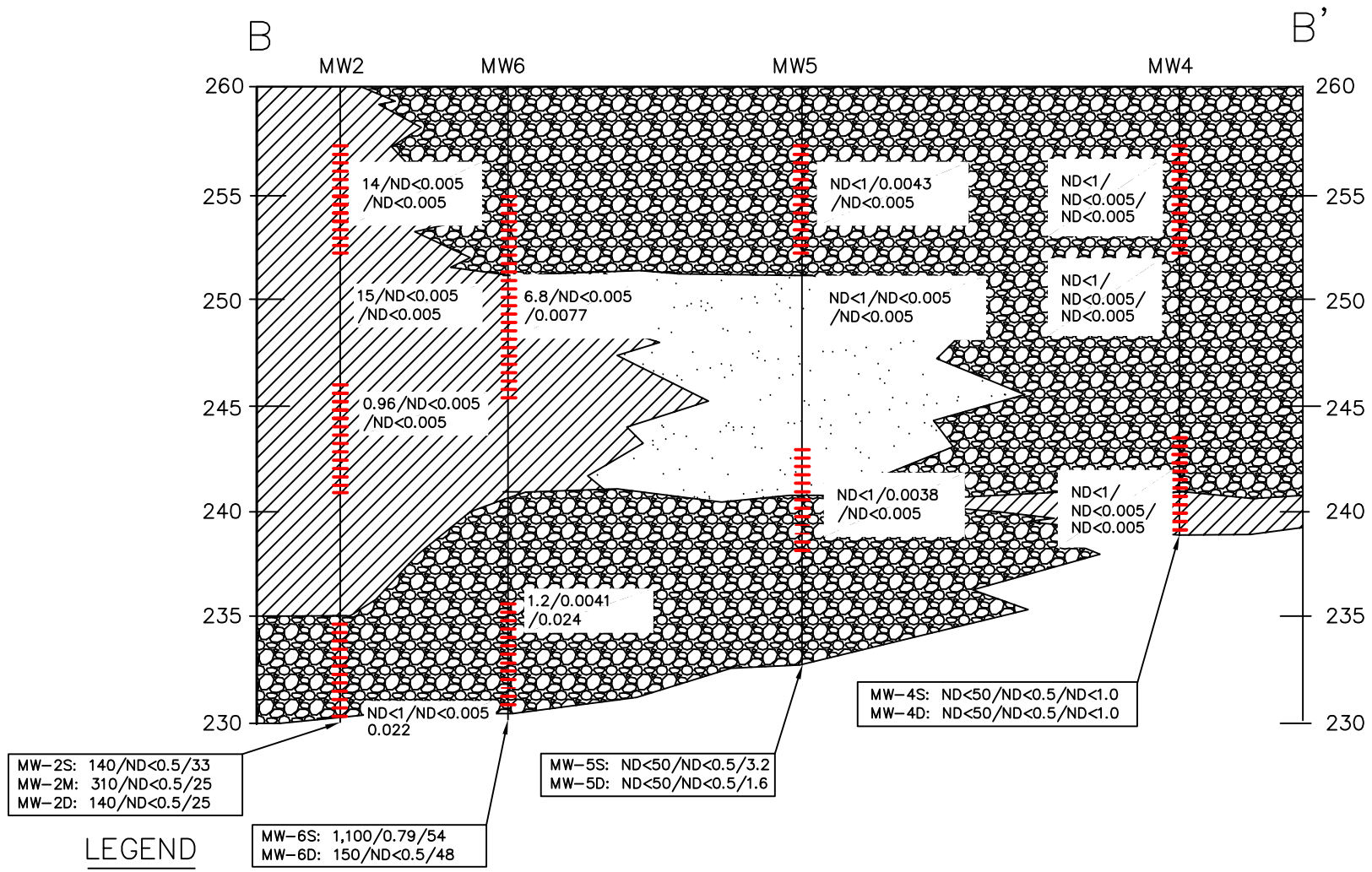
ENVIRONMENTAL MANAGEMENT, INC.

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

LAB DATA RESULTS
(mg/kg):
TPHg/BENZENE/MTBE
ND<1/ND<0.005/ND<0.005

Screen Interval in Well

Groundwater Data Results
December 2006 (µg/l)
TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0

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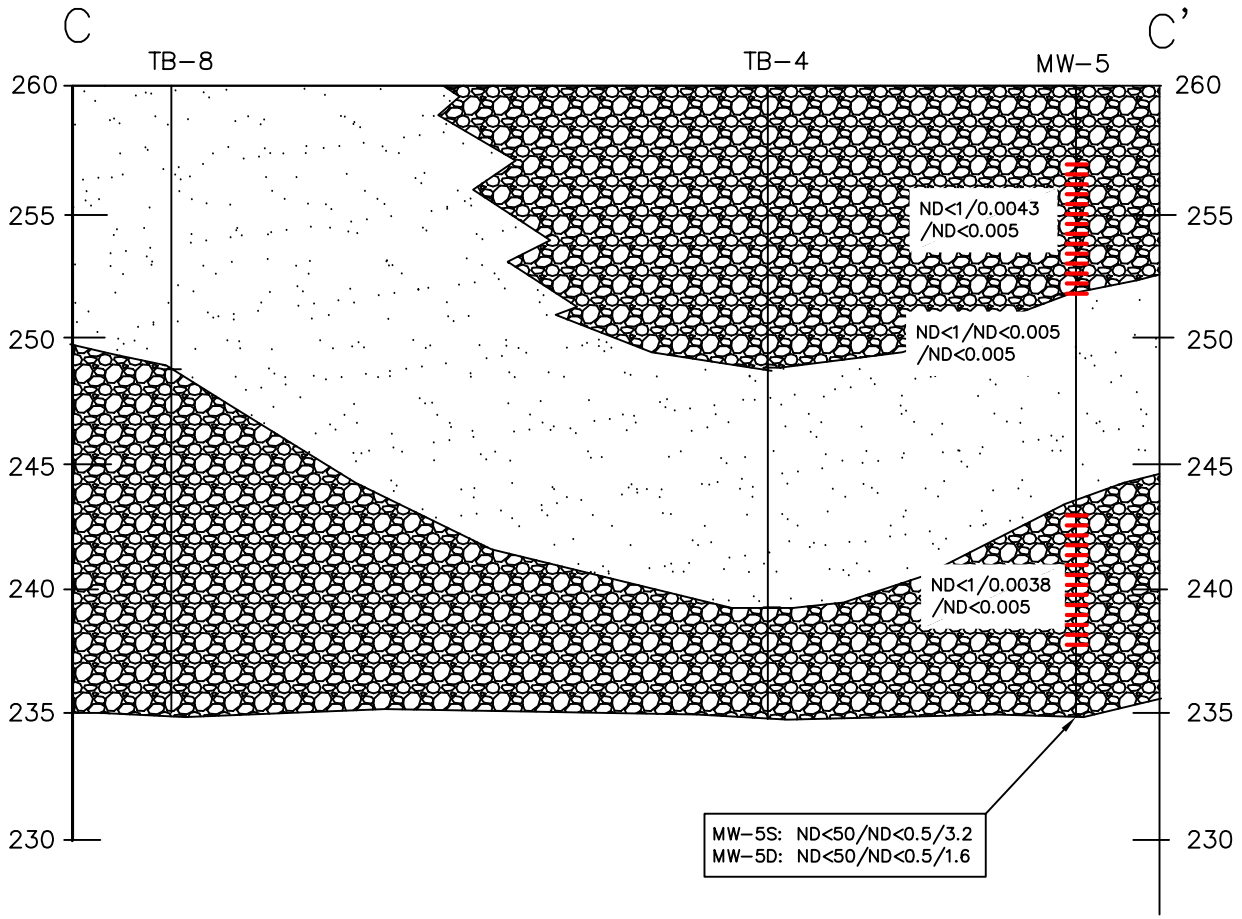
SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION
B-B'

PROJECT NO. EM5009C



LEGEND

SILTY SAND/SAND

GRAVEL

5'

20'

0

0

SCALES VERTICAL SCALE EXAGGERATED

LAB DATA RESULTS
(mg/kg):
TPHg/BENZENE/MTBE
ND<1/ND<0.005/ND<0.005

Screen Interval in Well

Groundwater Data Results
December 2006 (µg/l)
TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0

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7999 ATHENOUR WAY
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:** 2-26-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-4S	**Weather:** Rain **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 7'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	3.40	8.35	4.95	ND	0.79	2.38	—	—

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:

Purge Method: 2 stage

Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1120		0			6.91	13.1	32.6	0.271	5.55	-71	clear
↓		1			6.95	13.7	24.7	0.269	3.85	-79	↓
↓		2			6.99	14.1	19.3	0.267	1.68	-84	
1130		3			7.13	14.3	17.5	0.265	1.13	-85	↓

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
1120	1130	0.3	3	3.79	4.39	3.52	1135	MW-4S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-26-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-4d	**Weather:** RAIN **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
ND	4.49	23.38	18.89	ND	3.02	9.06	—	—

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:

Purge Method: 2 stage

Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1200		0			6.97	12.7	19.9	0.285	7.64	138	CLEAR
↓		3			7.02	12.9	5.8	0.297	6.87	58	↓
↓		6			7.05	12.9	5.4	0 309	5.23	-23	
1216		9			7.06	13.1	6.7	0.321	4.14	-38	↓

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
1200	1216	0.56	9.06	3	8.27	4.82	1220	MW-4d

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-26-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-7S	**Weather:** RAIN **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 7'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	2.61	8.48	5.87	ND	0.94	2.81	—	—

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1245		0			6.70	13.6	673	0.265	4.65	-52	cloudy
↓		1			6.75	13.8	365	0.238	2.14	-72	↓
↓		2			6.80	13.9	168	0.240	1.72	-77	
1252		3			6.84	14.0	92	0.246	1.33	-81	

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
1245	1252	0.43	3	3.2	3.78	2.77	1255	MW-7S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	2-26-07
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-8	**Weather:**	RAIN
Measurement Point Description:	TOC NORTH	**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
ND	2.68	15.34	12.66	ND	2.03	6.08	—	—

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1310		0			7.20	14.9	79	0148	0.18	-40	clear
↓		2			7.14	14.9	64	0.141	0.11	-32	↓
↓		4			7.05	14.9	16	0.141	0.08	-7	
1320		6			7.04	14.9	15	0.141	0.03	-6	

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
1310	1320	0.6	6.08	3	5.21	2.82	1324	MW-8

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-26-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-10S	**Weather:** Rain **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
ND	3.88	9.58	5.70	ND	0.91	2.74	—	—

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1418		0			7.17	13.0	310	0.157	2.20	-124	cloudy
↓		1			7.11	13.2	220	0.156	1.29	-128	↓
		2			7.09	13.3	147	0.156	0.68	-127	
1428		3			7.09	13.3	117	0.176	0.35	-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
1418	1428	0.3	3	3.3	5.02	3.90	1434	MW-10S

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-12LF
Measurement Point Description: TOC NORTH

Date: 2-26-07
Prepared By: MJS
Weather: Rain **Screen:**
Pump Intake: 32'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	6.65	39.50	32.85	ND	5.26	15.77	—	—

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1500		0			6.96	13.3	5.4	0.153	2.56	-5	CLEAR
↓		4			6.98	13.8	3.8	0.152	3.09	4	↓
		8			6.92	14.4	6.9	0.151	2.93	5	
↓		12			6.88	15.2	5.8	0.148	1.66	4	
1512		16			6.90	15.9	51.7	0.142	0.69	4	↓

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
1500	1512	1.33	16	3.04	13.22	7.55	1520	MW-12LF

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-26-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-5S	**Weather:** Rain **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 7'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	3.06	8.24	5.18	ND	0.83	2.49	–	–

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:

Purge Method: 2 stage

Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1550		0			6.88	14.6	558	0.231	0.79	-76	cloudy
↓		1			6.89	14.4	222	0.226	1.03	-54	↓
1558			Well went dry at approx 1.8 gallons. Lowered pump 10'								

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
1550	1558	0.23	1.8	2.17	4.14	4.10	1608	MW-5S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-11LF	**Weather:** Rain **Screen:**
Measurement Point Description: TOC NORTH	**Pump Intake:** 32'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	4.69	39.41	34.72	ND	5.56	16.67	-	-

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
Purge Method: 2 stage
Well Conditions: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
840		0			7.40	10.7	22.6	0.162	6.11	126	clear
↓		4			7.28	12.5	11.8	0.157	5.47	-39	↓
		8			7.19	14.0	43.8	0.152	3.16	-85	
		12			7.15	15.7	152.4	0.140	1.16	-105	cloudy
↓		16			7.12	16.2	197.8	0.151	0.55	-110	↓
854		17			7.11	16.4	211.7	0.152	0.40	-111	

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
840	854	1.21	17	3.06	11.63	5.78	858	MW-11LF

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-3	**Weather:** Rain **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 11'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	4.62 *	14.70	10.08	ND	1.61	4.84	-	-

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
Purge Method: 2 stage
Well Conditions: Good.

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
924		0			6.73	18.0	OVER	0.285	1.11	-103	MURKY
↓		2			6.75	18.2	↓	0.288	0.87	-109	↓
↓		4			6.79	17.2	↓	0.604	0.16	-128	↓
939		6			6.80	16.4	↓	0.870	0.11	-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
924	939	0.4	6	3.73	6.64	5.42	945	MW-3

Notes: * DTW = 4.62 - measured on 2/27/07 due to rain. Well box below ground surface - standing water on box - water in vault

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-12S	**Weather:** Rain **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 11'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	6.45	11.04	4.59	ND	0.73	2.20	–	–

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:

Purge Method: 2 stage

Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1008		0			7.37	18.5	63.8	0.216	4.18	22	CLEAR
		1			7.22	18.0	58.4	0.224	3.88	47	↓
1014		2	WELL WENT DRY @ 1.5 gallons.								
		3									

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
1008	1014	0.25	1.5	2.05	7.36	7.33	1025	MW-12S

Notes: SAMPLES COLLECTED USING HAND BAILER

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-9S	**Weather:** Rain **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
ND	3.28	12.20	8.92	ND	1.43	4.28	–	–

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1033		0			7.20	13.1	134.0	0.390	6.82	31	cloudy
↓		2			7.06	13.4	99.7	0.390	5.52	24	↓
↓		4			6.89	13.9	42.1	0.423	2.12	5	CLEAR
1040		6			6.87	14.1	30.5	0.441	0.97	-6	↓

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	1040	0.86	6	4.2	5.06	2.36 *	1043	MW-9S

Notes: * WATER LEVEL MUCH HIGHER TODAY - HEAVY RAIN LAST NIGHT & YESTERDAY (DURING SAMPLING 2-27-07)

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-9LF	**Weather:** Rain **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
ND	3.79	39.11	35.32	ND	5.65	16.95	—	—

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1105		0			7.05	15.4	37.2	0.215	0.52	-73	CLEAR
↓		4			7.09	15.8	17.0	0.218	0.09	-73	
		8			7.07	16.8	92.2	0.222	0.20	-122	
		12			7.09	17.9	69.2	0.220	0.27	-104	
↓		16			7.11	17.9	40.1	0.221	0.42	-107	
1128		17			7.12	18.0	29.2	0.220	0.31	-103	↓

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
1105	1128	0.74	17	3.01	10.85	6.10	1133	MW-9LF

Notes: STATIC DTW 2-27-07 = 3.70

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW - 10 LF	**Weather:** Rain **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
ND	6.23	39.90	33.67	ND	5.39	16.16	–	–

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1155		0			7.12	18.6	3.0	0.275	2.86	-123	CLEAR
↓		4			7.09	18.3	6.0	0.334	1.21	-125	↓
		8			7.11	17.9	12.0	0.855	0.05	-133	
↓		12			7.12	17.9	14.6	0.918	0.02	-135	
1212		16			7.12	17.8	14.0	0.947	0.01	-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
1155	1212	0.95	16.2	3	12.96	6.39	1215	MW-10LF

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-1	**Weather:** Rain **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 14'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	2.46	17.78	15.32	ND	2.45	7.35	—	—

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1231		0			7.17	15.7	638	0.344	6.15	-89	cloudy
↓		2			7.14	15.6	372	0.347	2.42	-91	↓
		4			7.10	15.2	74.2	0.344	1.43	-102	clear
↓		6			7.08	15.1	55.7	0.342	0.74	-105	↓
1241		8			7.08	15.0	45.5	0.342	0.55	-106	↓

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
1231	1241	0.8	8	3.27	5.52	2.92	1245	MW-1

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	2-27-07
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-10d	**Weather:**	Rain
Measurement Point Description:	TOC NORTH	**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
ND	5.40	19.38	13.98	ND	2.24	6.71	—	—

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1300		0			7.39	14.5	88.5	0.388	4.37	-133	CLEAR
↓		2			7.36	14.8	62.5	0.393	2.98	-144	↓
		4			7.35	15.3	32.5	0.389	1.68	-151	
↓		6			7.29	15.5	39.2	0.394	1.20	-152	
1315		8			7.26	15.7	79.8	0.401	0.58	-159	

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	1315	0.53	8	3.57	8.20	6.40	1319	MW-10d

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	2-27-07
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-6d	**Weather:**	Rain **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	24'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	4.35	29.15	24.80	ND	3.97	11.90	–	–

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1400		0			7.16	13.4	11.2	0.250	5.41	-117	CLEAR
↓		4			7.10	14.5	19.0	0.243	0.54	-122	↓
↓		8			7.02	13.9	18.1	0.224	0.02	-133	
1412		12			7.02	18.2	20.1	0.226	0.02	-136	↓

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
1400	1412	1.0	12	3.02	9.31	5.18	1418	MW-6d

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	2-27-07
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-11S	**Weather:**	Rain
Measurement Point Description:	TOC NORTH	**Screen:**	
		Pump Intake:	7'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	4.20	9.43	5.23	ND	0.84	2.51	-	-

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1449		0			7.05	14.7	413	0.184	4.30	-105	cloudy
↓		1			6.99	14.9	202	0.181	2.90	-108	↓
↓		2			6.97	15.0	103	0.179	1.99	-105	clear
1446		3			6.96	15.1	58.2	0.177	1.35	-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
1440	1446	0.5	3	3.57	5.25	4.25	1450	MW-11S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-2d	**Weather:** Rain **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 24'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	3.89	29.54	25.65	ND	4.10	12.31	-	-

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1515		0			6.87	15.0	10.2	0.304	4.85	-95	
↓		4			6.83	17.2	5.6	0.273	0.70	-121	
↓		8			6.89	17.7	4.8	0.308	0.02	-133	
1525		12			6.90	17.8	4.3	0.351	0.02	-135	

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
1515	1525	1.2	12.31	3	9.02	4.29	1530	MW-2d

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-65
Measurement Point Description: TOC North

Date: 2-27-07
Prepared By: MJS
Weather: Rain **Screen:**
Pump Intake: 12'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	3.44	15.00	11.56	ND	1.85	5.55	-	-

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
Purge Method: 2 stage
Well Conditions: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1554		0			6.92	15.1	126.7	0.270	5.02	-122	
↓		2			6.86	15.4	77.9	0.261	2.70	-130	
		4			6.84	15.7	102.4	0.287	0.47	-136	
1604		6			6.83	15.8	164.8	0.301	0.05	-139	

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
1554	1604	0.6	6	3.24	5.75	3.72	1612	MW-65

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-27-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-2M	**Weather:** Rain **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
ND	3.79	12.29	8.50	ND	1.36	4.08	—	—

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

Field Equipment:

Purge Method: 2 stage

Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1630		0			7.03	13.8	OVER	0.237	3.54	-117	Murky
↓		1			6.99	15.0	352	0.217	2.22	-127	cloudy
		2			6.97	15.4	125	0.227	1.31	-129	clear
↓		3			6.97	15.5	67.8	0.214	0.51	-129	↓
1638		4			6.96	15.6	523	0.201	0.48	-131	↓

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
1630	1638	0.5	4.08	3	5.49	4.18	1645	MW-2M

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-28-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-2S	**Weather:** cloudy/WET **Screen:**
Measurement Point Description: TOC NORTH	**Pump Intake:** 7'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	3.52	8.71	5.19	ND	0.83	2.49	–	–

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
945		0			7.05	11.3	57.5	0.271	5.79	-102	CLEAR
↓		1			7.02	11.9	45.0	0.265	3.12	-107	↓
		2			6.95	12.6	77.1	0.262	2.68	-109	
1001		~~3~~ 2.75			6.92	12.9	91.8	0.245	2.17	-107	

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
945	1001	0.19	2.75	3.31	4.56	4.40	1013	MW-2S

Notes: DTW = 3.12 @ 2-28-07 / WELL WENT DRY @ 2.75 gallons

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 2-28-07
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-9d	**Weather:** cloudy / WET **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
ND	3.52	24.28	20.76	ND	3.32	9.96	—	—

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1040		0			6.99	19.5	78.0	0.304	2.92	-112	CLEAR
↓		2			6.97	19.1	85.3	0.307	2.31	-115	↓
		4			6.80	18.1	112.8	0.282	0.47	-135	
		6			6.78	17.7	100.2	0.292	0.02	-143	
↓		8			6.77	17.6	119.8	0.297	0.02	-142	
1100		10			6.76	17.5	178.8	0.290	0.11	-140	cloudy

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1040	1100	0.5	10	3.01	7.67	5.21	1105	MW-9d

Notes: DTW = 3.35 @ 2-28-07

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	2-28-07
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-11d	**Weather:**	cloudy / wet **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	17

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
ND	4.48	20.50	16.02	ND	2.56	7.69	—	—

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:

Purge Method: 2 stage

Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1125		0			6.79	19.5	OVER	0.162	2.48	-97	MURKY
		2			6.75	17.7	↓	0.161	2.12	-99	↓
		4			6.71	17.6	↓	0.159	0.80	-104	
		6			6.69	17.6	↓	0.167	0.02	-110	
1135		8			6.68	17.5	858	0.170	0.11	-113	↓

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1125	1135	0.8	8	3.13	7.68	5.33	1140	MW-11d

Notes: DTW = 4.30 @ 2-28-07

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:**
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-58	**Weather:** **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
ND	3.56	22.65						

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

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

Notes: LFR to conduct ground water sampling

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:**
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-7a	**Weather:** **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
ND	3.65	23.61						

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
Purge Method: 2 stage
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

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

Notes: LFR to conduct groundwater sampling

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:**
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-12d	**Weather:** **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
ND	6.47	19.70						

Well Diameter (in)				Gallons/Foot				
				0.75	2	4	6	**Field Equipment:** Horiba, 2 stage
0.75	(2)	4	6	0.02	0.16	0.65	1.47	**Purge Method:** 2 stage
								Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

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

Notes: LFR to conduct groundwater sampling

ft-bmp = feet below measuring point

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	Facility Name:	Mission Valley Rock Co.
Address:	7999 Athenour Way	Address:	7999 Athenour Way
	Sunol, CA		Sunol, CA
Contact:	Mort Calvert	Facility Contact:	Mike Schenone, TAIT Environmental
Phone:	925-862-2257	Phone:	916-858-1090

IWM Job #:	96717-DE
Description of Waste:	5 Drums of Non-Hazardous Water
Removal Date:	3/12/07
Ticket #:	SP120307-MISC

Transporter Information

Name:	IWM, Inc.
Address:	950 Ames Avenue
	Milpitas, CA 95035
Phone:	(408)942-8940

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 — Authorized Representative (Print Name and Signature)

3/12/07 — Date

APPENDIX D

TEM LABORATORY REPORT

05 April 2007

Michael Schenone
Tait Environmental -- Rancho Cordova
11280 Trade Center Drive
Rancho Cordova, CA 95742

RE: Mission Valley Rock

Enclosed are the results of analyses for samples received by the laboratory on 03/02/07 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas For Maria Bonifacio
Project Coordinator

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4S	T700258-01	Water	02/26/07 11:35	03/02/07 09:00
MW-4D	T700258-02	Water	02/26/07 12:20	03/02/07 09:00
MW-7S	T700258-03	Water	02/26/07 12:55	03/02/07 09:00
MW-8	T700258-04	Water	02/26/07 13:24	03/02/07 09:00
MW-10S	T700258-05	Water	02/26/07 14:34	03/02/07 09:00
MW-12LF	T700258-06	Water	02/26/07 15:20	03/02/07 09:00
MW-5S	T700258-07	Water	02/26/07 16:08	03/02/07 09:00
EQ BLANK 1	T700258-08	Water	02/26/07 00:00	03/02/07 09:00
MW-11LF	T700258-09	Water	02/27/07 08:58	03/02/07 09:00
MW-3	T700258-10	Water	02/27/07 09:45	03/02/07 09:00
MW-12S	T700258-11	Water	02/27/07 10:25	03/02/07 09:00
MW-9S	T700258-12	Water	02/27/07 10:43	03/02/07 09:00
MW-9LF	T700258-13	Water	02/27/07 11:33	03/02/07 09:00
MW-10LF	T700258-14	Water	02/27/07 12:15	03/02/07 09:00
MW-1	T700258-15	Water	02/27/07 12:45	03/02/07 09:00
MW-10D	T700258-16	Water	02/27/07 13:19	03/02/07 09:00
MW-6D	T700258-17	Water	02/27/07 14:18	03/02/07 09:00
MW-11S	T700258-18	Water	02/27/07 14:50	03/02/07 09:00
MW-2D	T700258-19	Water	02/27/07 15:30	03/02/07 09:00
MW-6S	T700258-20	Water	02/27/07 16:12	03/02/07 09:00
MW-2M	T700258-21	Water	02/27/07 16:45	03/02/07 09:00
EQ BLANK 2	T700258-22	Water	02/27/07 00:00	03/02/07 09:00
MW-2S	T700258-23	Water	02/28/07 10:13	03/02/07 09:00
MW-9D	T700258-24	Water	02/28/07 11:05	03/02/07 09:00
MW-11D	T700258-25	Water	02/28/07 11:40	03/02/07 09:00
EQ BLANK 3	T700258-26	Water	02/28/07 00:00	03/02/07 09:00

SunStar Laboratories, Inc.

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

Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-4S

T700258-01(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	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*85.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/05/07	EPA 8015m	
Surrogate: p-Terphenyl			*104 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Methyl tert-butyl ether	ND		1.0	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*103 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*84.9 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.4 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-4D

T700258-02(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	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*84.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*115 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
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	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*96.1 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*81.9 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.9 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-7S

T700258-03(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)	**55**		50	ug/l	1	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*87.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/05/07	EPA 8015m	
Surrogate: p-Terphenyl			*102 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Ethylbenzene	ND		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*101 %*	*83.5-119*		"	"	"	"	
Surrogate: Toluene-d8			*97.6 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*80.2 %*	*78.6-135*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-8

T700258-04(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)	ND		50	ug/l	1	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*89.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/05/07	EPA 8015m	
Surrogate: p-Terphenyl			*108 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Ethyl tert-butyl ether	ND		2.0	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*95.1 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*82.6 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.4 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-10S

T700258-05(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)	**54**		50	ug/l	1	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*88.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*108 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
m,p-Xylene	ND		1.0	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.1 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*84.6 %*	*78.6-135*		"	"	"	"	
Surrogate: Toluene-d8			*95.9 %*	*88.8-117*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-12LF

T700258-06(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	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*89.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*83.5 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Tert-butyl alcohol	ND		10	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*80.0 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Toluene-d8			*96.2 %*	*88.8-117*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-5S

T700258-07(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	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*80.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.36**	0.098	0.50	mg/l	1	7030208	03/02/07	03/06/07	EPA 8015m	J
Surrogate: p-Terphenyl			*86.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Toluene	ND		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.2**		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Surrogate: Toluene-d8			*99.2 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*86.6 %*	*78.6-135*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

EQ BLANK 1

T700258-08(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	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*86.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*125 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Ethylbenzene	ND		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	
Surrogate: Toluene-d8			*106 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*83.0 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.9 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
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MW-11LF

T700258-09(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	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*89.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*108 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Tert-butyl alcohol	ND		10	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
o-Xylene	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	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**110**		1.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.1 %*	*83.5-119*		"	"	"	"	
Surrogate: Toluene-d8			*99.6 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*85.9 %*	*78.6-135*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-3

T700258-10(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)	**56**		50	ug/l	1	7030216	03/02/07	03/02/07	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	7030208	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*86.5 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Toluene	ND		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**43**		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*98.2 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.9 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*83.4 %*	*78.6-135*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-12S

T700258-11(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	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*86.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	
Surrogate: p-Terphenyl			*111 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Ethylbenzene	ND		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*86.0 %*	*78.6-135*		"	"	"	"	
Surrogate: Toluene-d8			*102 %*	*88.8-117*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-9S

T700258-12(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)	**130**		50	ug/l	1	7030216	03/02/07	03/05/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*92.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	
Surrogate: p-Terphenyl			*104 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
m,p-Xylene	**1.0**		1.0	ug/l	1	7030214	03/02/07	03/06/07	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	"	"	"	"	"	"	
Toluene	**0.58**		0.50	"	"	"	"	"	"	
Ethylbenzene	**8.4**		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	**0.79**		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*97.6 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*91.5 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*94.9 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
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MW-9LF

T700258-13(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)	**530**		50	ug/l	1	7030216	03/02/07	03/02/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*95.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	
Surrogate: p-Terphenyl			*86.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Methyl tert-butyl ether	ND		1.0	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	**6.4**		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
m,p-Xylene	**19**		1.0	"	"	"	"	"	"	
Ethylbenzene	**31**		0.50	"	"	"	"	"	"	
Benzene	**39**		0.50	"	"	"	"	"	"	
Toluene	**5.0**		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*86.9 %*	*78.6-135*		"	"	"	"	
Surrogate: Toluene-d8			*97.2 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*102 %*	*83.5-119*		"	"	"	"	

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 Maria Bonifacio, Project Coordinator

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-10LF

T700258-14(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)	**580**		50	ug/l	1	7030216	03/02/07	03/03/07	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	7030208	03/02/07	03/07/07	EPA 8015m	
Surrogate: p-Terphenyl			*110 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Ethyl tert-butyl ether	ND		2.0	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Ethylbenzene	**0.51**		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
m,p-Xylene	**3.6**		1.0	"	"	"	"	"	"	
Toluene	**1.1**		0.50	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Benzene	**1.0**		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*95.0 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.0 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

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T700258-15(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)	**430**		50	ug/l	1	7030216	03/02/07	03/03/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*84.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	
Surrogate: p-Terphenyl			*114 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
o-Xylene	ND		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	**1.1**		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	**7.9**		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*99.6 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*93.1 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*83.0 %*	*78.6-135*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
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MW-10D

T700258-16(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)	**850**		50	ug/l	1	7030216	03/02/07	03/05/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*94.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.20**	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	J
Surrogate: p-Terphenyl			*110 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**2.7**		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Toluene	**0.90**		0.50	"	"	"	"	"	"	
m,p-Xylene	**2.3**		1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	**28**		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*94.4 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*103 %*	*83.5-119*		"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*88.8-117*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-6D

T700258-17(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)	**150**		50	ug/l	1	7030216	03/02/07	03/06/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*95.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.47**	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	J
Surrogate: p-Terphenyl			*93.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
m,p-Xylene	ND		1.0	ug/l	1	7030214	03/02/07	03/03/07	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**48**		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			*101 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*82.9 %*	*78.6-135*		"	"	"	"	
Surrogate: Toluene-d8			*99.2 %*	*88.8-117*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-11S

T700258-18(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)	**300**		50	ug/l	1	7030216	03/02/07	03/03/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*92.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.54**	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	
Surrogate: p-Terphenyl			*107 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Tert-amyl methyl ether	ND		2.0	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.3**		1.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8			*98.0 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*106 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*85.8 %*	*78.6-135*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-2D

T700258-19(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)	**140**		50	ug/l	1	7030216	03/02/07	03/05/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*94.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**1.1**	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	
Surrogate: p-Terphenyl			*103 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
m,p-Xylene	**1.1**		1.0	ug/l	1	7030214	03/02/07	03/03/07	EPA 8260B	
Methyl tert-butyl ether	**25**		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Ethylbenzene	**0.63**		0.50	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*86.8 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-6S

T700258-20(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)	**1100**		50	ug/l	1	7030216	03/02/07	03/03/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*91.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**3.0**	0.098	0.50	mg/l	1	7030208	03/02/07	03/07/07	EPA 8015m	
Surrogate: p-Terphenyl			*109 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.79**		0.50	ug/l	1	7030214	03/02/07	03/06/07	EPA 8260B	
Toluene	ND		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	**1.1**		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**54**		1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*105 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*90.8 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*114 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-2M

T700258-21(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)	**310**		50	ug/l	1	7030217	03/02/07	03/05/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*101 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030209	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*108 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Tert-butyl alcohol	ND		10	ug/l	1	7030215	03/02/07	03/06/07	EPA 8260B	
Benzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	**0.65**		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**25**		1.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*103 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*106 %*	*83.5-119*		"	"	"	"	
Surrogate: Toluene-d8			*107 %*	*88.8-117*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

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T700258-22(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	7030217	03/02/07	03/05/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*106 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030209	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*115 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Methyl tert-butyl ether	ND		1.0	ug/l	1	7030215	03/02/07	03/06/07	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			*106 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*98.6 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*102 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-2S

T700258-23(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)	**140**		50	ug/l	1	7030217	03/02/07	03/05/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*94.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**6.6**	0.098	0.50	mg/l	1	7030209	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*100 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Toluene	ND		0.50	ug/l	1	7030215	03/02/07	03/06/07	EPA 8260B	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**33**		1.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*106 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*108 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*104 %*	*83.5-119*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-9D

T700258-24(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)	**210000**		5000	ug/l	100	7030217	03/02/07	03/06/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*113 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**4.5**	0.098	0.50	mg/l	1	7030209	03/02/07	03/06/07	EPA 8015m	D-08
Surrogate: p-Terphenyl			*77.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Tert-amyl methyl ether	ND		2.0	ug/l	1	7030215	03/02/07	03/06/07	EPA 8260B	
Toluene	**6200**		50	"	100	"	"	03/07/07	"	
Methyl tert-butyl ether	ND		1.0	"	1	"	"	03/06/07	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
o-Xylene	**2100**		12	"	25	"	"	03/07/07	"	
Benzene	**1900**		12	"	"	"	"	"	"	
m,p-Xylene	**6900**		100	"	100	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	1	"	"	03/06/07	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	**2400**		12	"	25	"	"	03/07/07	"	
Surrogate: Toluene-d8			*103 %*	*88.8-117*		"	"	*03/06/07*	"	
Surrogate: 4-Bromofluorobenzene			*99.4 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*90.4 %*	*78.6-135*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

MW-11D

T700258-25(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)	**7400**		50	ug/l	1	7030217	03/02/07	03/05/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*135 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**13**	0.098	0.50	mg/l	1	7030209	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*107 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Di-isopropyl ether	ND		2.0	ug/l	1	7030215	03/02/07	03/06/07	EPA 8260B	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Ethylbenzene	**17**		0.50	"	"	"	"	"	"	
m,p-Xylene	**30**		1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**18**		1.0	"	"	"	"	"	"	
o-Xylene	**24**		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	**8.4**		0.50	"	"	"	"	"	"	
Toluene	**16**		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Surrogate: Toluene-d8			*108 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*119 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane			*100 %*	*78.6-135*		"	"	"	"	

Tait Environmental -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	04/05/07 10:42

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T700258-26(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)	**94**		50	ug/l	1	7030217	03/02/07	03/06/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*103 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030209	03/02/07	03/06/07	EPA 8015m	
Surrogate: p-Terphenyl			*134 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Methyl tert-butyl ether	ND		1.0	ug/l	1	7030215	03/02/07	03/06/07	EPA 8260B	
Toluene	**1.3**		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
o-Xylene	**0.91**		0.50	"	"	"	"	"	"	
m,p-Xylene	**2.8**		1.0	"	"	"	"	"	"	
Ethylbenzene	**1.1**		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			*109 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*96.4 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*104 %*	*83.5-119*		"	"	"	"	

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 7030216 - EPA 5030 GC											
Blank (7030216-BLK1)					Prepared & Analyzed: 03/02/07						
Surrogate: 4-Bromofluorobenzene	*36.9*			*ug/l*	*50.0*		*73.8*	*65-135*			
C6-C12 (GRO)	ND		50	"							
LCS (7030216-BS1)					Prepared: 03/02/07 Analyzed: 03/05/07						
Surrogate: 4-Bromofluorobenzene	*44.4*			*ug/l*	*50.0*		*88.8*	*65-135*			
C6-C12 (GRO)	5410		50	"	5500		98.4	75-125			
Matrix Spike (7030216-MS1)		**Source: T700258-20**			Prepared: 03/02/07 Analyzed: 03/05/07						
Surrogate: 4-Bromofluorobenzene	*54.0*			*ug/l*	*50.0*		*108*	*65-135*			
C6-C12 (GRO)	6500		50	"	5500	1100	98.2	65-135			
Matrix Spike Dup (7030216-MSD1)		**Source: T700258-20**			Prepared: 03/02/07 Analyzed: 03/05/07						
Surrogate: 4-Bromofluorobenzene	*54.9*			*ug/l*	*50.0*		*110*	*65-135*			
C6-C12 (GRO)	6600		50	"	5500	1100	100	65-135	1.53	20	
Batch 7030217 - EPA 5030 GC											
Blank (7030217-BLK1)					Prepared: 03/02/07 Analyzed: 03/05/07						
Surrogate: 4-Bromofluorobenzene	*40.3*			*ug/l*	*50.0*		*80.6*	*65-135*			
C6-C12 (GRO)	ND		50	"							
LCS (7030217-BS1)					Prepared: 03/02/07 Analyzed: 03/05/07						
Surrogate: 4-Bromofluorobenzene	*46.9*			*ug/l*	*50.0*		*93.8*	*65-135*			
C6-C12 (GRO)	5270		50	"	5500		95.8	75-125			
Matrix Spike (7030217-MS1)		**Source: T700258-26**			Prepared: 03/02/07 Analyzed: 03/05/07						
Surrogate: 4-Bromofluorobenzene	*52.3*			*ug/l*	*50.0*		*105*	*65-135*			
C6-C12 (GRO)	5270		50	"	5500	94	94.1	65-135			

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 7030217 - EPA 5030 GC											
Matrix Spike Dup (7030217-MSD1)		**Source: T700258-26**			Prepared: 03/02/07		Analyzed: 03/05/07				
Surrogate: 4-Bromofluorobenzene	*53.7*			*ug/l*	*50.0*		*107*	*65-135*			
C6-C12 (GRO)	5480		50	"	5500	94	97.9	65-135	3.91	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 7030208 - EPA 3510C GC											
Blank (7030208-BLK1)					Prepared: 03/02/07 Analyzed: 03/05/07						
Surrogate: p-Terphenyl	*3.47*			*mg/l*	*4.00*		*86.8*	*65-135*			
Diesel Range Hydrocarbons	ND	0.098	0.50	"							
LCS (7030208-BS1)					Prepared: 03/02/07 Analyzed: 03/07/07						
Surrogate: p-Terphenyl	*4.86*			*mg/l*	*4.00*		*122*	*65-135*			
Diesel Range Hydrocarbons	19.9	0.098	0.50	"	20.0		99.5	75-125			
Matrix Spike (7030208-MS1)		**Source: T700258-01**			Prepared: 03/02/07 Analyzed: 03/07/07						
Surrogate: p-Terphenyl	*4.65*			*mg/l*	*4.00*		*116*	*65-135*			
Diesel Range Hydrocarbons	19.0	0.098	0.50	"	20.0	ND	95.0	75-125			
Matrix Spike Dup (7030208-MSD1)		**Source: T700258-01**			Prepared: 03/02/07 Analyzed: 03/07/07						
Surrogate: p-Terphenyl	*3.89*			*mg/l*	*4.00*		*97.2*	*65-135*			
Diesel Range Hydrocarbons	17.9	0.098	0.50	"	20.0	ND	89.5	75-125	5.96	20	
Batch 7030209 - EPA 3510C GC											
Blank (7030209-BLK1)					Prepared: 03/02/07 Analyzed: 03/06/07						
Surrogate: p-Terphenyl	*4.69*			*mg/l*	*4.00*		*117*	*65-135*			
Diesel Range Hydrocarbons	ND	0.098	0.50	"							
LCS (7030209-BS1)					Prepared: 03/02/07 Analyzed: 03/06/07						
Surrogate: p-Terphenyl	*2.68*			*mg/l*	*4.00*		*67.0*	*65-135*			
Diesel Range Hydrocarbons	16.1	0.098	0.50	"	20.0		80.5	75-125			
Matrix Spike (7030209-MS1)		**Source: T700258-21**			Prepared: 03/02/07 Analyzed: 03/06/07						
Surrogate: p-Terphenyl	*4.48*			*mg/l*	*4.00*		*112*	*65-135*			
Diesel Range Hydrocarbons	25.7	0.098	0.50	"	20.0	ND	128	75-125			QM-07

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 7030209 - EPA 3510C GC											
Matrix Spike Dup (7030209-MSD1)		**Source: T700258-21**			Prepared: 03/02/07		Analyzed: 03/06/07				
Surrogate: p-Terphenyl	*4.85*			*mg/l*	*4.00*		*121*	*65-135*			
Diesel Range Hydrocarbons	19.2	0.098	0.50	"	20.0	ND	96.0	75-125	29.0	20	QM-07

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 7030214 - EPA 5030 GCMS											
Blank (7030214-BLK1)					Prepared: 03/02/07 Analyzed: 03/06/07						
Surrogate: Toluene-d8	*7.63*			*ug/l*	*8.00*		*95.4*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.88*			*"*	*8.00*		*98.5*	*83.5-119*			
Surrogate: Dibromofluoromethane	*6.78*			*"*	*8.00*		*84.8*	*78.6-135*			
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 (7030214-BS1)					Prepared: 03/02/07 Analyzed: 03/03/07						
Surrogate: Toluene-d8	*7.97*			*ug/l*	*8.00*		*99.6*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.36*			*"*	*8.00*		*92.0*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.92*			*"*	*8.00*		*99.0*	*78.6-135*			
Benzene	17.3		0.50	"	20.0		86.5	75-125			
Toluene	17.0		0.50	"	20.0		85.0	75-125			
Matrix Spike (7030214-MS1)		**Source: T700258-07**			Prepared: 03/02/07 Analyzed: 03/03/07						
Surrogate: Toluene-d8	*7.99*			*ug/l*	*8.00*		*99.9*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.48*			*"*	*8.00*		*93.5*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.44*			*"*	*8.00*		*93.0*	*78.6-135*			
Benzene	17.3		0.50	"	20.0	ND	86.5	75-125			
Toluene	17.4		0.50	"	20.0	ND	87.0	75-125			

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 7030214 - EPA 5030 GCMS											
Matrix Spike Dup (7030214-MSD1)		**Source: T700258-07**			Prepared: 03/02/07 Analyzed: 03/03/07						
Surrogate: Toluene-d8	*7.66*			*ug/l*	*8.00*		*95.8*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.52*			*"*	*8.00*		*94.0*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.76*			*"*	*8.00*		*97.0*	*78.6-135*			
Benzene	17.4		0.50	"	20.0	ND	87.0	75-125	0.576	20	
Toluene	17.2		0.50	"	20.0	ND	86.0	75-125	1.16	20	
Batch 7030215 - EPA 5030 GCMS											
Blank (7030215-BLK1)					Prepared: 03/02/07 Analyzed: 03/06/07						
Surrogate: Toluene-d8	*8.67*			*ug/l*	*8.00*		*108*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.53*			*"*	*8.00*		*107*	*83.5-119*			
Surrogate: Dibromofluoromethane	*9.68*			*"*	*8.00*		*121*	*78.6-135*			
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 (7030215-BS1)					Prepared: 03/02/07 Analyzed: 03/07/07						
Surrogate: Toluene-d8	*8.20*			*ug/l*	*8.00*		*102*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.65*			*"*	*8.00*		*95.6*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.07*			*"*	*8.00*		*88.4*	*78.6-135*			
Benzene	20.4		0.50	"	20.0		102	75-125			
Toluene	22.4		0.50	"	20.0		112	75-125			

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 7030215 - EPA 5030 GCMS											
Matrix Spike (7030215-MS1)		**Source: T700258-22**			Prepared: 03/02/07		Analyzed: 03/07/07				
Surrogate: Toluene-d8	*8.16*			*ug/l*	*8.00*		*102*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.88*			*"*	*8.00*		*98.5*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.72*			*"*	*8.00*		*96.5*	*78.6-135*			
Benzene	20.0		0.50	"	20.0	ND	100	75-125			
Toluene	19.8		0.50	"	20.0	0.15	98.2	75-125			
Matrix Spike Dup (7030215-MSD1)		**Source: T700258-22**			Prepared: 03/02/07		Analyzed: 03/06/07				
Surrogate: Toluene-d8	*8.71*			*ug/l*	*8.00*		*109*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.58*			*"*	*8.00*		*107*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.44*			*"*	*8.00*		*93.0*	*78.6-135*			
Benzene	20.4		0.50	"	20.0	ND	102	75-125	1.98	20	
Toluene	22.4		0.50	"	20.0	0.15	111	75-125	12.3	20	

Notes and Definitions

QM-07	The spike recovery and or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
J	Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
D-08	Results in the diesel organics range are primarily due to overlap from a gasoline range product.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Chain of Custody Record

T760258

Client: TAIT ENVIRONMENTAL MANAGEMENT
Address: 11280 Trade Center Drive
Phone: 916 764-1239 Fax:
Project Manager: Mike Schenone

Date: Page: 1 Of 2
Project Name: Mission Valley Rock
Collector: M. Schenone Client Project #: EM5009C
~~Batch #~~: T0600102092
~~EDF~~

COC 72600

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	02/26/07	1135	WATER	VOA			X			X	X							01		5
MW-4d		1220					X			X	X							02		
MW-7S		1255					X			X	X							03		
MW-8		1324					X			X	X							04		
MW-10S		1434					X			X	X							05		
MW-12LF		1520					X			X	X							06		
MW-5S		1608					X			X	X							07		
EQ BLANK 1							X			X	X							08		
MW-11LF	02/27/07	858					X			X	X							09		
MW-3		945					X			X	X							10		
MW-12S		1025					X			X	X							11		
MW-9S		1043					X			X	X							12		
MW-9LF		1133					X			X	X							13		
MW-10LF		1215					X			X	X							14		
MW-1		1245					X			X	X							15		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Michael Schenone	3-1-07 1415		3/1/07 1415
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
GSD			3-2-07 9:00
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 75
Chain of Custody seals Y/N/NA: N
Seals intact? Y/N/NA:
Received good condition/cold: 9.0°C

Turn around time: STANDARD 5-DAY

Notes: Provide EDF

STD. TAT

Albert Vargas

PM

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

T760258

Client: TAIT ENVIRONMENTAL MANAGEMENT
Address: 11280 Trade Center Drive
Phone: 916 764-1239 Fax:
Project Manager: Mike Schenone

Date: Page: 2 Of 2
Project Name: Mission Valley Rock
Collector: M. Schenone Client Project #: EM5009C
~~Batch~~ EDF #: TO600102092

COC 72601

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-10d	02/27/07	1319	WATER	VOA			X			X	X							16		5
MW-6d		1418					X			X	X							17		
MW-11S		1450					X			X	X							18		
MW-2d		1530					X			X	X							19		
MW-6S		1612					X			X	X							20		
MW-2M		1645					X			X	X							21		
EQ BLANK 2							X			X	X							22		
MW-2S	02/28/07	1013					X			X	X							23		
MW-9d		1105					X			X	X							24		
MW-11d		1140					X			X	X							25		
EQ BLANK 3							X			X	X							26		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Michael Schenone	3-1-07 1415	[signature]	3/1/07 1415
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
950		[signature]	3-2-07 0900
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 55
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA:
Received good condition/cold: 9.0

Turn around time: STANDARD
5-DAY

Notes
Provide EDF

STD. TAT

[signature]

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

APPENDIX E

LFR LABORATORY REPORT

SunStar Laboratories, Inc.

04 April 2007

James Gonzales
LFR Inc. -- Emeryville
1900 Powell Street, 12th Floor
Emeryville, CA 94608-1827

RE: Hanson Aggregates

Enclosed are the results of analyses for samples received by the laboratory on 03/01/07 08:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Maria Bonifacio
Project Coordinator

3002 Dow Avenue, Suite 212, Tustin, CA 92780 Phone (714) 505-4010 Fax (714) 505-4028

LFR Inc. -- Emeryville 1900 Powell Street, 12th Floor Emeryville CA, 94608-1827	Project: Hanson Aggregates Project Number: 001-09480-02 Project Manager: James Gonzales	**Reported:** 04/04/07 11:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-12D	T700248-01	Water	02/28/07 11:25	03/01/07 08:45
MW-5D	T700248-02	Water	02/28/07 13:50	03/01/07 08:45
MW-7D	T700248-03	Water	02/28/07 15:45	03/01/07 08:45

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.

Maria Bonifacio, Project Coordinator

LFR Inc. -- Emeryville 1900 Powell Street, 12th Floor Emeryville CA, 94608-1827	Project: Hanson Aggregates Project Number: 001-09480-02 Project Manager: James Gonzales	**Reported:** 04/04/07 11:24

MW-12D

T700248-01(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030107	03/01/07	03/02/07	EPA 8015m	
Surrogate: p-Terphenyl			*127 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
o-Xylene	ND		0.50	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	
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	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Surrogate: Toluene-d8			*97.4 %*	*88.8-117*		"	"	"	"	
Surrogate: Dibromofluoromethane			*80.6 %*	*78.6-135*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA Methods										
Hexavalent Chromium	ND		0.025	mg/l	1	7030105	03/01/07	03/01/07	EPA 7196A	
Anions by EPA Method 300.0										
Bromide	ND		0.500	mg/l	1	7030118	03/01/07	03/05/07	EPA 300.0	
Sulfate as SO4	**71.8**		0.500	"	"	"	"	"	"	
Nitrate as NO3	ND		0.500	"	"	"	"	"	"	
RSK-175										
Methane	**3.6**		1.0	ug/l	1	7030504	03/05/07	03/06/07	RSK-175	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

LFR Inc. -- Emeryville 1900 Powell Street, 12th Floor Emeryville CA, 94608-1827	Project: Hanson Aggregates Project Number: 001-09480-02 Project Manager: James Gonzales	**Reported:** 04/04/07 11:24

MW-12D

T700248-01(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				TestAmerica - Irvine, CA						
INORGANICS										
Biochemical Oxygen Demand	ND		2.0	mg/l	1	7C01074	03/01/07	03/06/07	EPA 405.1	
Chemical Oxygen Demand	ND		20	"	"	7C06120	03/06/07	03/07/07	EPA 410.4	
				SunStar Laboratories, Inc.						
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**51**		50	ug/l	1	7030108	03/01/07	03/01/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*96.4 %*	*65-135*		"	"	"	"	
Metals by EPA 6000/7000 Series Methods										
Chromium	ND		50	ug/l	1	7030117	03/01/07	03/06/07	EPA 6010B	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		0.50	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	
Surrogate: 4-Bromofluorobenzene			*97.5 %*	*83.5-119*		"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

LFR Inc. -- Emeryville 1900 Powell Street, 12th Floor Emeryville CA, 94608-1827	Project: Hanson Aggregates Project Number: 001-09480-02 Project Manager: James Gonzales	**Reported:** 04/04/07 11:24

MW-5D

T700248-02(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	7030108	03/01/07	03/01/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*82.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	ND	0.098	0.50	mg/l	1	7030107	03/01/07	03/02/07	EPA 8015m	
Surrogate: p-Terphenyl			*107 %*	*65-135*		"	"	"	"	
Metals by EPA 6000/7000 Series Methods										
Chromium	ND		50	ug/l	1	7030117	03/01/07	03/06/07	EPA 6010B	
Volatile Organic Compounds by EPA Method 8260B										
Ethyl tert-butyl ether	ND		2.0	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.6**		1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*83.6 %*	*78.6-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*83.5-119*		"	"	"	"	
Anions by EPA Method 300.0										
Bromide	**3.09**		0.500	mg/l	1	7030118	03/01/07	03/05/07	EPA 300.0	
Sulfate as SO4	**33.8**		0.500	"	"	"	"	"	"	
Nitrate as NO3	ND		0.500	"	"	"	"	"	"	
TestAmerica - Irvine, CA										
INORGANICS										
Chromium VI	ND		0.0010	mg/l	1	7C01049	03/01/07	03/01/07	EPA 7199	

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.

Maria Bonifacio, Project Coordinator

MW-5D

T700248-02(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.						
Volatile Organic Compounds by EPA Method 8260B										
Ethylbenzene	ND		0.50	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
				TestAmerica - Irvine, CA						
INORGANICS										
Biochemical Oxygen Demand	**2.2**		2.0	mg/l	1	7C01074	03/01/07	03/06/07	EPA 405.1	
Chemical Oxygen Demand	**51**		20	"	"	7C06120	03/06/07	03/07/07	EPA 410.4	
				SunStar Laboratories, Inc.						
Volatile Organic Compounds by EPA Method 8260B										
Toluene	ND		0.50	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	
o-Xylene	ND		0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8			*95.0 %*	*88.8-117*		"	"	"	"	
RSK-175										
Methane	**426**		1.0	ug/l	1	7030504	03/05/07	03/06/07	RSK-175	

LFR Inc. -- Emeryville 1900 Powell Street, 12th Floor Emeryville CA, 94608-1827	Project: Hanson Aggregates Project Number: 001-09480-02 Project Manager: James Gonzales	**Reported:** 04/04/07 11:24

MW-7D

T700248-03(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.						
Volatile Organic Compounds by EPA Method 8260B										
Toluene	**51**		0.50	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	
m,p-Xylene	**440**		5.0	"	5	"	"	03/05/07	"	
				TestAmerica - Irvine, CA						
INORGANICS										
Chromium VI	ND		0.0010	mg/l	1	7C01049	03/01/07	03/01/07	EPA 7199	
				SunStar Laboratories, Inc.						
Volatile Organic Compounds by EPA Method 8260B										
Methyl tert-butyl ether	ND		1.0	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	
o-Xylene	**51**		0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND		10	"	"	"	"	"	"	
Ethylbenzene	**460**		2.5	"	5	"	"	03/05/07	"	
Surrogate: Toluene-d8			*95.8 %*	*88.8-117*		"	"	*03/03/07*	"	
Surrogate: 4-Bromofluorobenzene			*106 %*	*83.5-119*		"	"	"	"	
				TestAmerica - Irvine, CA						
INORGANICS										
Biochemical Oxygen Demand	**5.4**		2.0	mg/l	1	7C01074	03/01/07	03/06/07	EPA 405.1	
				SunStar Laboratories, Inc.						
Purgeable Petroleum Hydrocarbons by EPA 8015m										
C6-C12 (GRO)	**6800**		50	ug/l	1	7030108	03/01/07	03/01/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene			*99.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015m										
Diesel Range Hydrocarbons	**0.79**	0.098	0.50	mg/l	1	7030107	03/01/07	03/02/07	EPA 8015m	D-08
Surrogate: p-Terphenyl			*114 %*	*65-135*		"	"	"	"	

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.

Maria Bonifacio, Project Coordinator

MW-7D

T700248-03(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.						
Metals by EPA 6000/7000 Series Methods										
Chromium	ND		50	ug/l	1	7030117	03/01/07	03/06/07	EPA 6010B	
Volatile Organic Compounds by EPA Method 8260B										
Tert-amyl methyl ether	ND		2.0	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Benzene	**29**		0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*103 %*	*78.6-135*		"	"	*03/05/07*	"	
Anions by EPA Method 300.0										
Sulfate as SO4	**12.5**		0.500	mg/l	1	7030118	03/01/07	03/05/07	EPA 300.0	
Bromide	ND		0.500	"	"	"	"	"	"	
Nitrate as NO3	ND		0.500	"	"	"	"	"	"	
RSK-175										
Methane	**3510**		6.0	ug/l	6	7030504	03/05/07	03/06/07	RSK-175	
				TestAmerica - Irvine, CA						
INORGANICS										
Chemical Oxygen Demand	**35**		20	mg/l	1	7C06120	03/06/07	03/07/07	EPA 410.4	
				SunStar Laboratories, Inc.						
Volatile Organic Compounds by EPA Method 8260B										
Di-isopropyl ether	ND		2.0	ug/l	1	7030106	03/01/07	03/03/07	EPA 8260B	

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 7030108 - EPA 5030 GC											
Blank (7030108-BLK1)					Prepared & Analyzed: 03/01/07						
Surrogate: 4-Bromofluorobenzene	*46.5*			*ug/l*	*50.0*		*93.0*	*65-135*			
C6-C12 (GRO)	ND		50	"							
LCS (7030108-BS1)					Prepared & Analyzed: 03/01/07						
Surrogate: 4-Bromofluorobenzene	*46.8*			*ug/l*	*50.0*		*93.6*	*65-135*			
C6-C12 (GRO)	5320		50	"	5500		96.7	75-125			
Matrix Spike (7030108-MS1)		**Source: T700250-01**			Prepared & Analyzed: 03/01/07						
Surrogate: 4-Bromofluorobenzene	*44.0*			*ug/l*	*50.0*		*88.0*	*65-135*			
C6-C12 (GRO)	5760		50	"	5500	ND	105	65-135			
Matrix Spike Dup (7030108-MSD1)		**Source: T700250-01**			Prepared & Analyzed: 03/01/07						
Surrogate: 4-Bromofluorobenzene	*45.0*			*ug/l*	*50.0*		*90.0*	*65-135*			
C6-C12 (GRO)	5800		50	"	5500	ND	105	65-135	0.692	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 7030107 - EPA 3510C GC											
Blank (7030107-BLK1)					Prepared: 03/01/07 Analyzed: 03/02/07						
Surrogate: p-Terphenyl	*3.63*			*mg/l*	*4.00*		*90.8*	*65-135*			
Diesel Range Hydrocarbons	ND	0.098	0.50	"							
LCS (7030107-BS1)					Prepared: 03/01/07 Analyzed: 03/02/07						
Surrogate: p-Terphenyl	*4.63*			*mg/l*	*4.00*		*116*	*65-135*			
Diesel Range Hydrocarbons	16.8	0.098	0.50	"	20.0		84.0	75-125			
Matrix Spike (7030107-MS1)		**Source: T700248-03**			Prepared: 03/01/07 Analyzed: 03/02/07						
Surrogate: p-Terphenyl	*4.56*			*mg/l*	*4.00*		*114*	*65-135*			
Diesel Range Hydrocarbons	18.0	0.098	0.50	"	20.0	0.79	86.0	75-125			
Matrix Spike Dup (7030107-MSD1)		**Source: T700248-03**			Prepared: 03/01/07 Analyzed: 03/02/07						
Surrogate: p-Terphenyl	*4.80*			*mg/l*	*4.00*		*120*	*65-135*			
Diesel Range Hydrocarbons	18.2	0.098	0.50	"	20.0	0.79	87.0	75-125	1.10	20	

Metals by EPA 6000/7000 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7030117 - EPA 3010A											
Blank (7030117-BLK1)					Prepared: 03/01/07 Analyzed: 03/06/07						
Chromium	ND		50	ug/l							
LCS (7030117-BS1)					Prepared: 03/01/07 Analyzed: 03/06/07						
Chromium	834		50	ug/l	1050		79.4	75-125			
Matrix Spike (7030117-MS1)		**Source: T700248-01**			Prepared: 03/01/07 Analyzed: 03/06/07						
Chromium	946		50	ug/l	1050	ND	90.1	75-125			
Matrix Spike Dup (7030117-MSD1)		**Source: T700248-01**			Prepared: 03/01/07 Analyzed: 03/06/07						
Chromium	929		50	ug/l	1050	ND	88.5	75-125	1.81	20	

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Maria Bonifacio, Project Coordinator

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 7030106 - EPA 5030 GCMS											
Blank (7030106-BLK1)					Prepared: 03/01/07 Analyzed: 03/03/07						
Surrogate: Toluene-d8	*7.79*			*ug/l*	*8.00*		*97.4*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.60*			"	*8.00*		*95.0*	*83.5-119*			
Surrogate: Dibromofluoromethane	*6.48*			"	*8.00*		*81.0*	*78.6-135*			
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 (7030106-BS1)					Prepared: 03/01/07 Analyzed: 03/03/07						
Surrogate: Toluene-d8	*7.77*			*ug/l*	*8.00*		*97.1*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.53*			"	*8.00*		*94.1*	*83.5-119*			
Surrogate: Dibromofluoromethane	*6.59*			"	*8.00*		*82.4*	*78.6-135*			
Benzene	17.4		0.50	"	20.0		87.0	75-125			
Toluene	16.6		0.50	"	20.0		83.0	75-125			
Matrix Spike (7030106-MS1)		**Source: T700246-04**			Prepared: 03/01/07 Analyzed: 03/03/07						
Surrogate: Toluene-d8	*7.84*			*ug/l*	*8.00*		*98.0*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.38*			"	*8.00*		*92.2*	*83.5-119*			
Surrogate: Dibromofluoromethane	*6.15*			"	*8.00*		*76.9*	*78.6-135*			*S-GC*
Benzene	18.6		0.50	"	20.0	ND	93.0	75-125			
Toluene	19.3		0.50	"	20.0	ND	96.5	75-125			

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 7030106 - EPA 5030 GCMS											
Matrix Spike Dup (7030106-MSD1)		**Source: T700246-04**			Prepared: 03/01/07 Analyzed: 03/03/07						
Surrogate: Toluene-d8	*7.76*			*ug/l*	*8.00*		*97.0*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.30*			"	*8.00*		*91.2*	*83.5-119*			
Surrogate: Dibromofluoromethane	*6.63*			"	*8.00*		*82.9*	*78.6-135*			
Benzene	19.0		0.50	"	20.0	ND	95.0	75-125	2.13	20	
Toluene	17.7		0.50	"	20.0	ND	88.5	75-125	8.65	20	

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Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7030105 - General Preparation											
Blank (7030105-BLK1)					Prepared & Analyzed: 03/01/07						
Hexavalent Chromium	ND		0.025	mg/l							
LCS (7030105-BS1)					Prepared & Analyzed: 03/01/07						
Hexavalent Chromium	0.218		0.025	mg/l	0.200		109	85-115			
Matrix Spike (7030105-MS1)		**Source: T700248-01**			Prepared & Analyzed: 03/01/07						
Hexavalent Chromium	0.218		0.025	mg/l	0.200	ND	109	85-115			
Matrix Spike Dup (7030105-MSD1)		**Source: T700248-01**			Prepared & Analyzed: 03/01/07						
Hexavalent Chromium	0.238		0.025	mg/l	0.200	ND	119	85-115	8.77	20	QM-07

Anions by EPA Method 300.0 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7030118 - General Preparation											
Blank (7030118-BLK1)					Prepared: 03/01/07 Analyzed: 03/05/07						
Sulfate as SO4	ND		0.500	mg/l							
Bromide	ND		0.500	"							
Nitrate as NO3	ND		0.500	"							
LCS (7030118-BS1)					Prepared: 03/01/07 Analyzed: 03/05/07						
Sulfate as SO4	108		0.500	mg/l	100		108	80-120			
Nitrate as NO3	107		0.500	"	100		107	80-120			
Matrix Spike (7030118-MS1)		**Source: T700248-01**			Prepared: 03/01/07 Analyzed: 03/05/07						
Sulfate as SO4	177		0.500	mg/l	100	71.8	105	80-120			
Nitrate as NO3	109		0.500	"	100	ND	109	80-120			
Matrix Spike Dup (7030118-MSD1)		**Source: T700248-01**			Prepared: 03/01/07 Analyzed: 03/05/07						
Sulfate as SO4	176		0.500	mg/l	100	71.8	104	80-120	0.567	20	
Nitrate as NO3	96.2		0.500	"	100	ND	96.2	80-120	12.5	20	

RSK-175 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7030504 - EPA 3810m Headspace											
Blank (7030504-BLK1)					Prepared: 03/05/07 Analyzed: 03/06/07						
Methane	ND		1.0	ug/l							
LCS (7030504-BS1)					Prepared: 03/05/07 Analyzed: 03/06/07						
Methane	104			ug/l	120		86.7	75-125			
LCS Dup (7030504-BSD1)					Prepared: 03/05/07 Analyzed: 03/06/07						
Methane	103			ug/l	120		85.8	75-125	0.966	20	

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INORGANICS - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7C01049 - General Prep											
Blank (7C01049-BLK1)					Prepared & Analyzed: 03/01/07						
Chromium VI	ND		0.0010	mg/l							
LCS (7C01049-BS1)					Prepared & Analyzed: 03/01/07						
Chromium VI	0.0498		0.0010	mg/l	0.0500		100	90-110			
Matrix Spike (7C01049-MS1)		**Source: IQB3127-05**			Prepared & Analyzed: 03/01/07						
Chromium VI	0.583		0.010	mg/l	0.500	0.11	95	80-115			
Matrix Spike Dup (7C01049-MSD1)		**Source: IQB3127-05**			Prepared & Analyzed: 03/01/07						
Chromium VI	0.584		0.010	mg/l	0.500	0.11	95	80-115	0.2	15	
Batch 7C01074 - General Prep											
Blank (7C01074-BLK1)					Prepared: 03/01/07 Analyzed: 03/06/07						
Biochemical Oxygen Demand	ND		2.0	mg/l							
LCS (7C01074-BS1)					Prepared: 03/01/07 Analyzed: 03/06/07						
Biochemical Oxygen Demand	191		100	mg/l	198		96	85-115			
LCS Dup (7C01074-BSD1)					Prepared: 03/01/07 Analyzed: 03/06/07						
Biochemical Oxygen Demand	192		100	mg/l	198		97	85-115	0.5	20	
Batch 7C06120 - General Prep											
Blank (7C06120-BLK1)					Prepared: 03/06/07 Analyzed: 03/07/07						
Chemical Oxygen Demand	ND		20	mg/l							

INORGANICS - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7C06120 - General Prep											
LCS (7C06120-BS1)					Prepared: 03/06/07 Analyzed: 03/07/07						
Chemical Oxygen Demand	500		20	mg/l	500		100	90-110			
Matrix Spike (7C06120-MS1)		**Source: IQC0151-01**			Prepared: 03/06/07 Analyzed: 03/07/07						
Chemical Oxygen Demand	514		20	mg/l	500	ND	103	70-120			
Matrix Spike Dup (7C06120-MSD1)		**Source: IQC0151-01**			Prepared: 03/06/07 Analyzed: 03/07/07						
Chemical Oxygen Demand	505		20	mg/l	500	ND	101	70-120	2	15	

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Maria Bonifacio, Project Coordinator

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-07	The spike recovery and or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
D-08	Results in the diesel organics range are primarily due to overlap from a gasoline range product.
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