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Fourth Quarter 2006
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared by:
Tait Environmental Management, Inc.

January 30, 2007

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

January 30, 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: FOURTH QUARTER 2006
GROUNDWATER MONITORING AND SAMPLING REPORT
MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

Dear Mr. Wickham,

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

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

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

Sincerely,

Lee W. Cover
Environmental Manager
Hanson Aggregates Mid-Pacific, Inc.

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

January 30, 2007

Fourth Quarter 2006
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared for:

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

Prepared by:

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Project Scientist

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Project No. EM-5009C

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

1.0 INTRODUCTION

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

2.0 OBJECTIVE AND SCOPE OF WORK

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

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

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

3.0 BACKGROUND

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

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

In January 2005, eight additional soil borings were advanced at the site using a hollow-stem auger drill rig. Six of the borings were converted to single-, double-, and triple-completion groundwater monitoring wells for a total of 12 wells (MW-2S, MW-2M, MW-2D, MW-4S, MW-4D, MW-5S, MW-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.

4.0 SITE HYDROGEOLOGY

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

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

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

Based on the Fourth Quarter 2006 groundwater monitoring data, the overall depth to groundwater at the site ranged from 4.05 feet bgs in well MW-4S to 10.25 feet bgs in well MW-12LF. In general, groundwater levels have risen an average of 0.54 feet in most wells relative to the Third Quarter 2006 monitoring event.

Groundwater in the shallow-zone wells is generally flowing in an southeasterly direction at an approximate gradient of 0.010 foot/foot (ft/ft), although this direction was altered by a groundwater mound centered on wells MW-4S and MW-10S in the eastern part of the site (Figure 3). Groundwater in the deep-zone wells is flowing in a southeasterly direction at a gradient of approximately 0.011 ft/ft (Figure 4). Groundwater in the Livermore Formation is flowing in an east-southeasterly direction at a gradient of approximately to 0.008 ft/ft (Figure 5).

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, and the water level dropped about two feet. The resultant effect of this activity is not clear, however.

5.0 GROUNDWATER MONITORING WELL PURGING AND SAMPLING

On December 04, 2006, static groundwater levels were measured and recorded in the on-site groundwater monitoring wells using an electrical product/water interface meter. Water levels were measured relative to the top of the well casing (representing the wellhead survey point). Prior to use at each well, the meter was decontaminated with a mild detergent solution and two de-ionized water rinses. Groundwater gauging and elevation data for the Fourth Quarter 2006 event are summarized in Table 1. Historical groundwater elevation data are summarized in Table 2. Groundwater sampling data sheets are presented in Appendix B.

On December 4, 5, and 6, 2006, the groundwater monitoring wells were sampled using a two-stage 12-volt pump as part of the Fourth Quarter 2006 groundwater monitoring and sampling event. The two-stage pump was used in place of the Waterra pump due to low levels encountered in the wells during the Third Quarter 2006 monitoring 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 a Alconox cleaning solution in between each well. The pump is then rinsed and allowed to run several minutes in fresh water. 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.

Groundwater samples were collected from 26 wells at the site. The samples were labeled, placed into an ice-chilled cooler (4°C), and transported under chain-of-custody protocols to SunStar Laboratories, Inc. (SunStar), a State-Certified laboratory (ELAP No. 2250) for chemical analysis. Approximately 176 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 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 January 4, 2007. The Certificate of Disposal is contained in Appendix C.

6.0 LABORATORY ANALYSES

The groundwater samples collected during the Fourth Quarter 2006 groundwater monitoring and sampling event were analyzed for the diesel and gasoline fractions of Total Petroleum Hydrocarbons (TPHd and TPHg, respectively) using EPA Method No. 8015M; for benzene, toluene, ethylbenzene, total xylenes (BTEX); and for methyl tertiary butyl ether (MTBE), and the other fuel oxygenates tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), and ethyl tertiary-butyl ether (ETBE) using EPA Method No. 8260B.

Contoured dissolved-phase TPHg concentrations in the shallow zone, deep zone, and Livermore Formation zone are presented in Figures 6, 7, and 8, respectively. Contoured dissolved-phase MTBE concentrations in the shallow zone, deep zone, and Livermore Formation zone are presented in Figures 9, 10, and 11, respectively. Contoured dissolved-phase benzene concentrations in the shallow zone, deep zone, and Livermore Formation zone are presented in Figures 12, 13, and 14, respectively.

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

7.0 SUMMARY OF ACTIVITIES AND FINDINGS

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

- Based on the depth to water measurements obtained by TEM, groundwater levels have risen an average of 0.54 feet this quarter relative to the corresponding Third Quarter 2006 groundwater levels. The groundwater flow direction in all groundwater zones (shallow, deep, and Livermore Formation) is generally east-southeasterly to southeasterly at gradients ranging from 0.008 to 0.011 ft/ft.

- The redi-mix pond west of the asphalt plant was pumped out during the summer of 2006, and the decline in the water level in the pond may have affected the wells located closest to it. As wells MW-4 and MW-10 were located furthest from the pond, they may not have been as affected by the declining water levels in the pond than the other wells. Also, Pond 1, which is located northeast of the asphalt plant was mucked out at this time; however, the effect of these activities on the water levels these wells is unclear.

- Twenty-six (26) groundwater samples were collected from the monitoring wells at the site, and they were delivered to SunStar for analysis.

- A maximum TPHd concentration of 190,000 micrograms per liter (µg/L) was detected in well MW-11D. TPHd concentrations appear to be localized in the southern part of the area.

- A maximum TPHg concentration of 170,000 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.

- A maximum MTBE concentration of 240 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. MTBE is notably absent in well MW-7 in the northern part of the area.

- A maximum benzene concentration of 1,800 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.

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

- Tert-butyl alcohol was detected for the first time at concentrations of 210 µg/L in well MW-12S. This was the only analyte detected in this well and may be anomalous. Data obtained during the First Quarter 2007 sampling event will be used to verify this result.

- In general, TPHg and BTEX tend to be localized in the groundwater in the northern part of the area, upgradient of the former USTs, whereas TPHd and MTBE concentrations tend to be localized in the groundwater in the southern part of the area, downgradient of the former USTs. The data suggest the presence of more than one source for detected hydrocarbons in groundwater.

- The lateral extent of hydrocarbons in groundwater has not been defined north and south of the former UST area.

8.0 QUALITY ASSURANCE/QUALITY CONTROL

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

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

9.0 REFERENCES

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

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

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

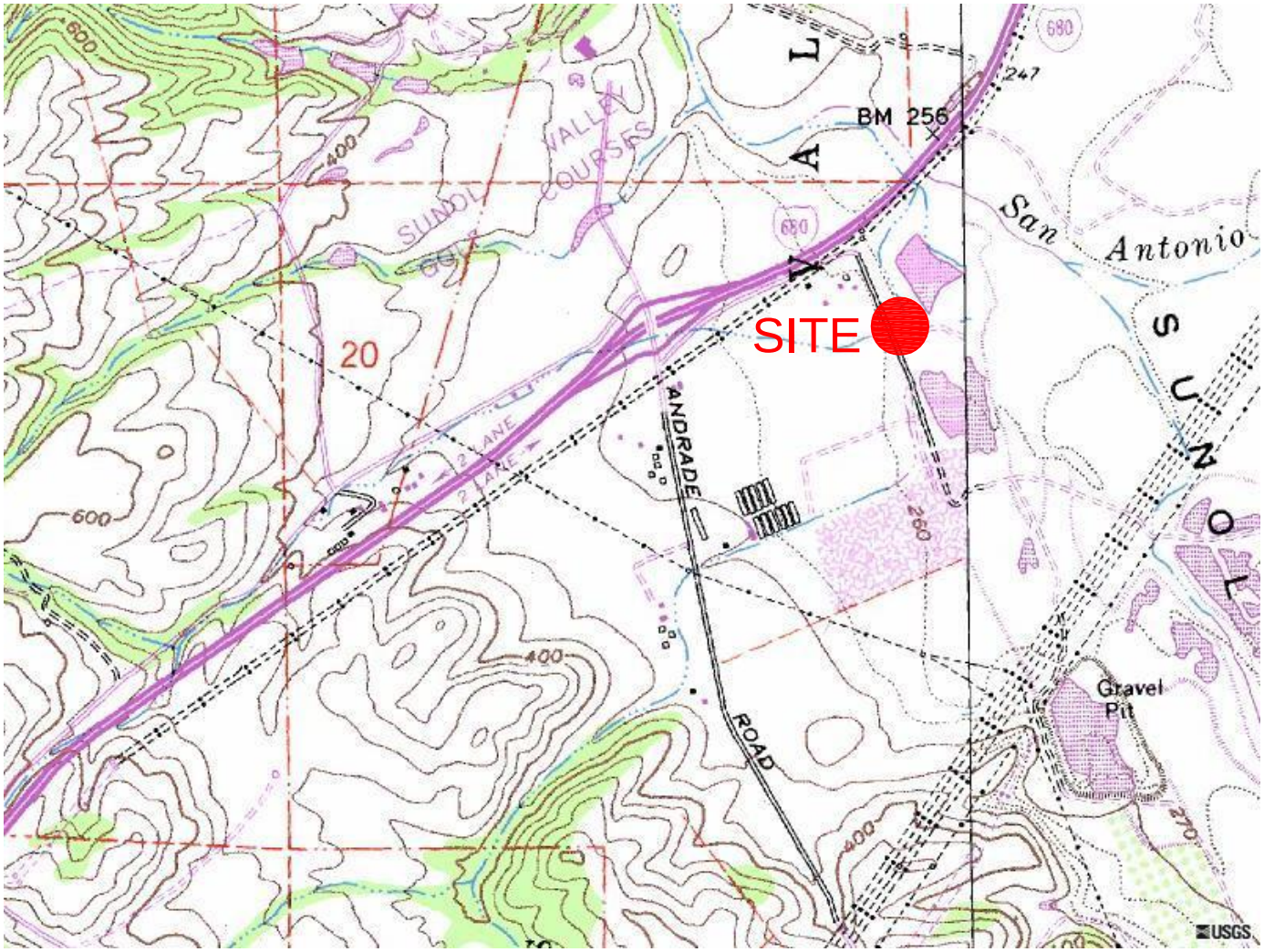
Tait Environmental Management, April 1, *2005, Site Assessment and First Quarter 2005 Groundwater Monitoring and Sampling Report*, Mission Valley Rock Company, 7999 Athenour Way, Sunol, California 94586.

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

10.0 LIMITATIONS

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

FIGURES



NORTH

0 2000

1" = 2000'

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

NOTES:

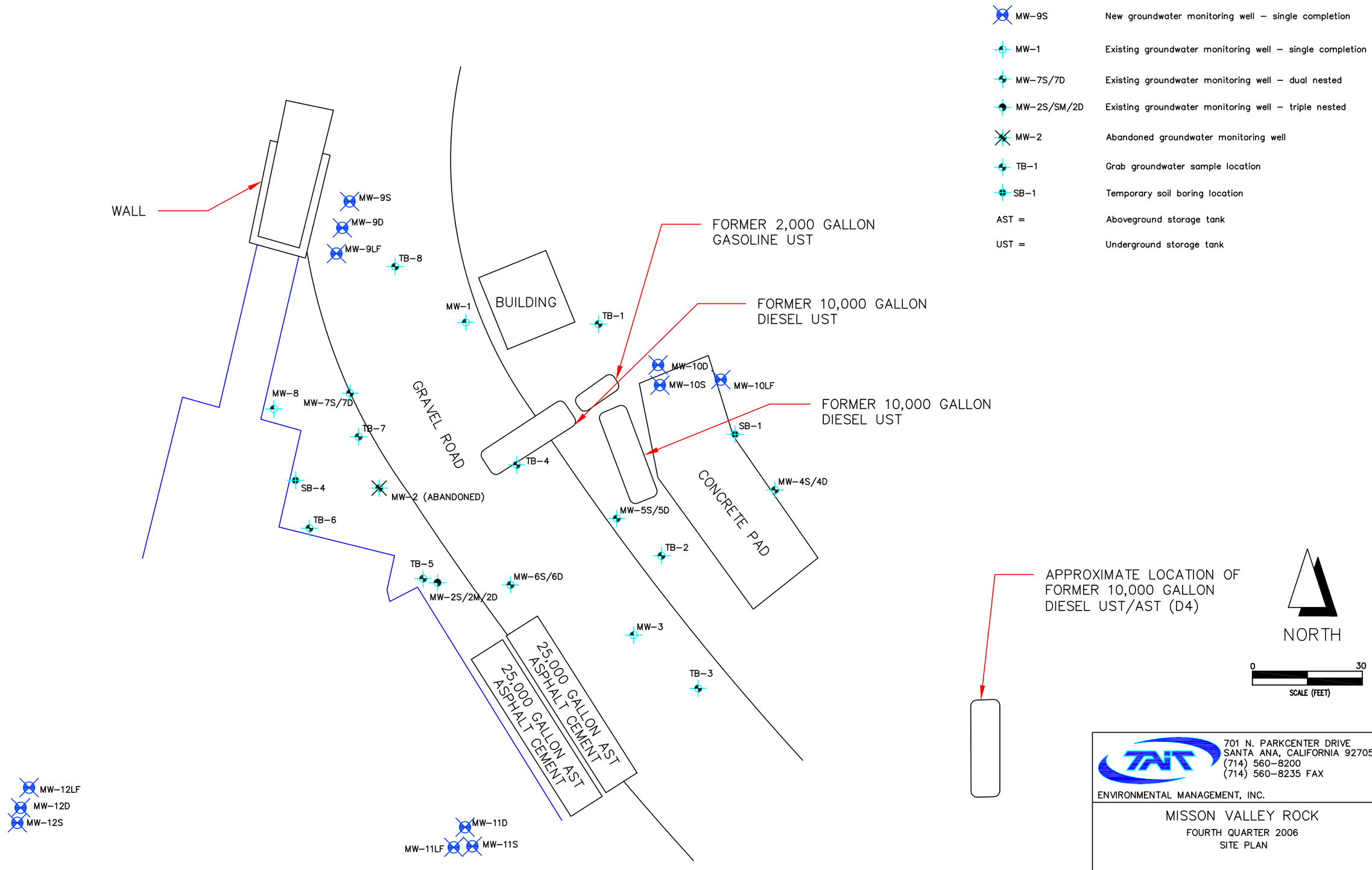
BASE MAP OBTAINED FROM TERRASERVER.COM, UNITED STATES GEOLOGICAL SURVEY (USGS), FREMONT QUADRANGLE, ALAMEDA COUNTY, CALIFORNIA. PRINTED JULY 1, 1989.

SITE VICINITY MAP

MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A

FIGURE 1



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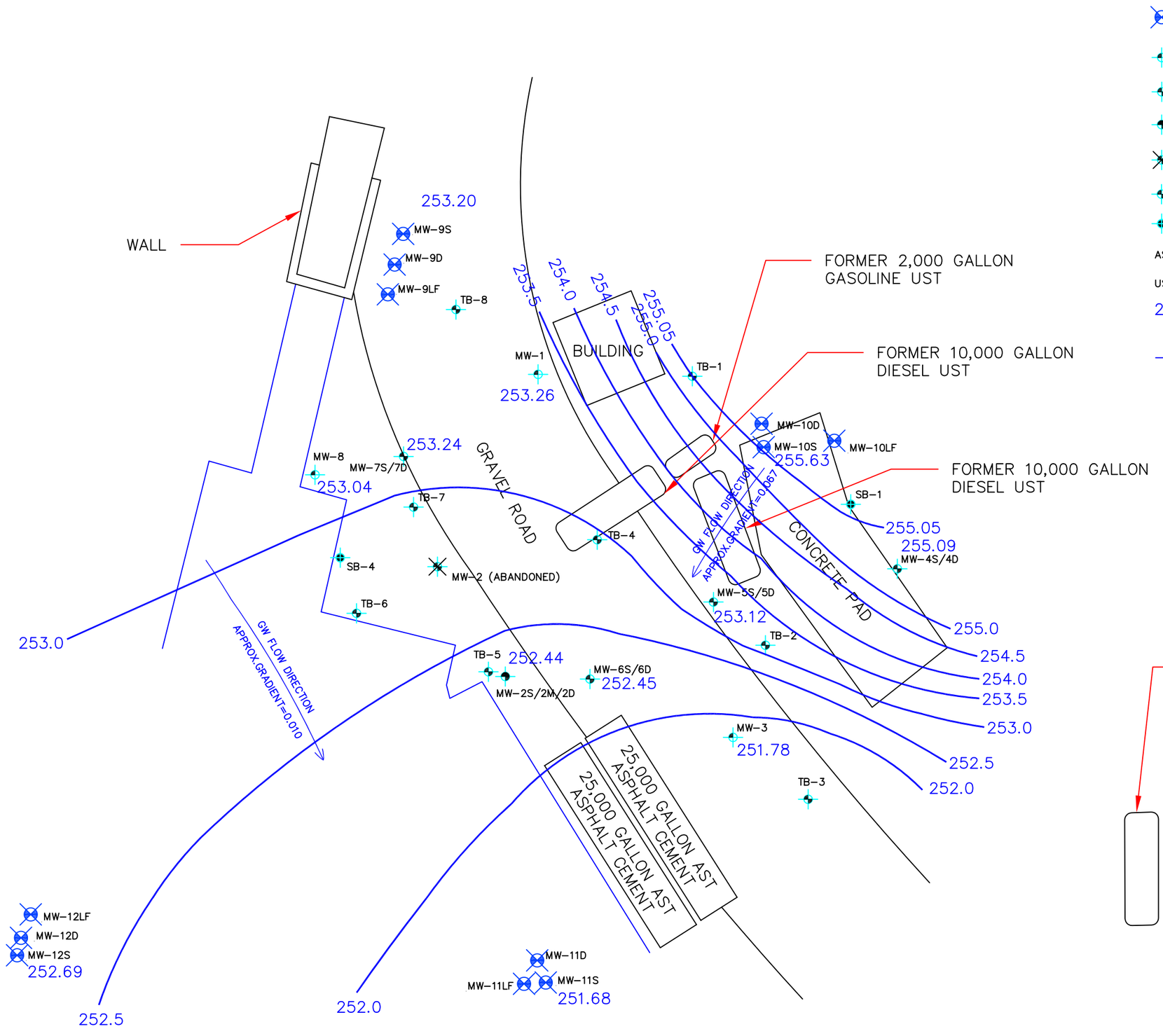
MISSON VALLEY ROCK

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
253.20	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
–252.00–	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL

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

NORTH

0 30

SCALE (FEET)

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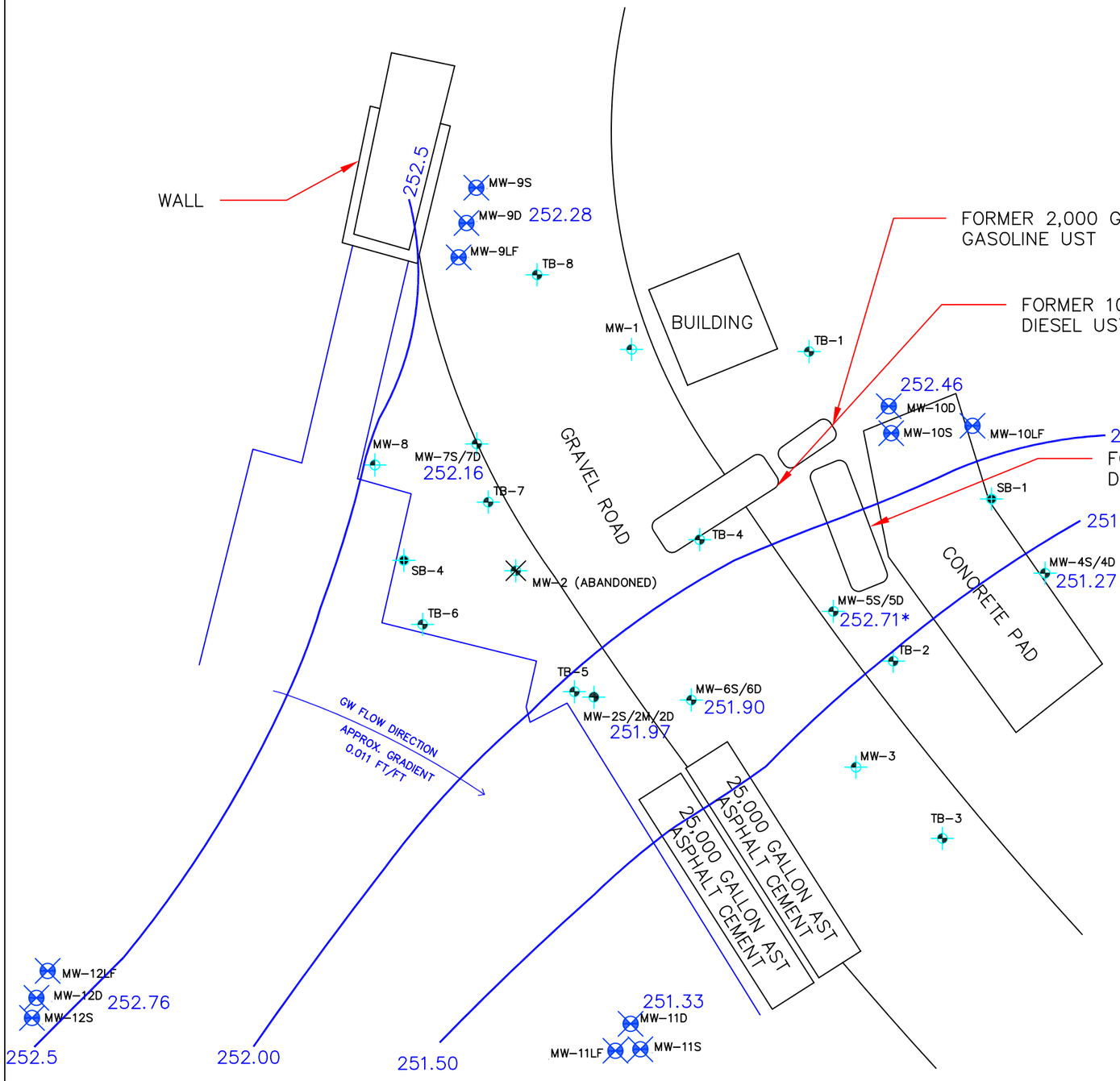
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSON VALLEY ROCK

FOURTH QUARTER 2006
GROUNDWATER CONTOUR MAP
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 3



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SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank

252.28 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
–251.5– GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL
252.71* ANOMALOUS GROUNDWATER ELEVATION NOT USED FOR CONTOURING

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

NORTH

0 30
SCALE (FEET)

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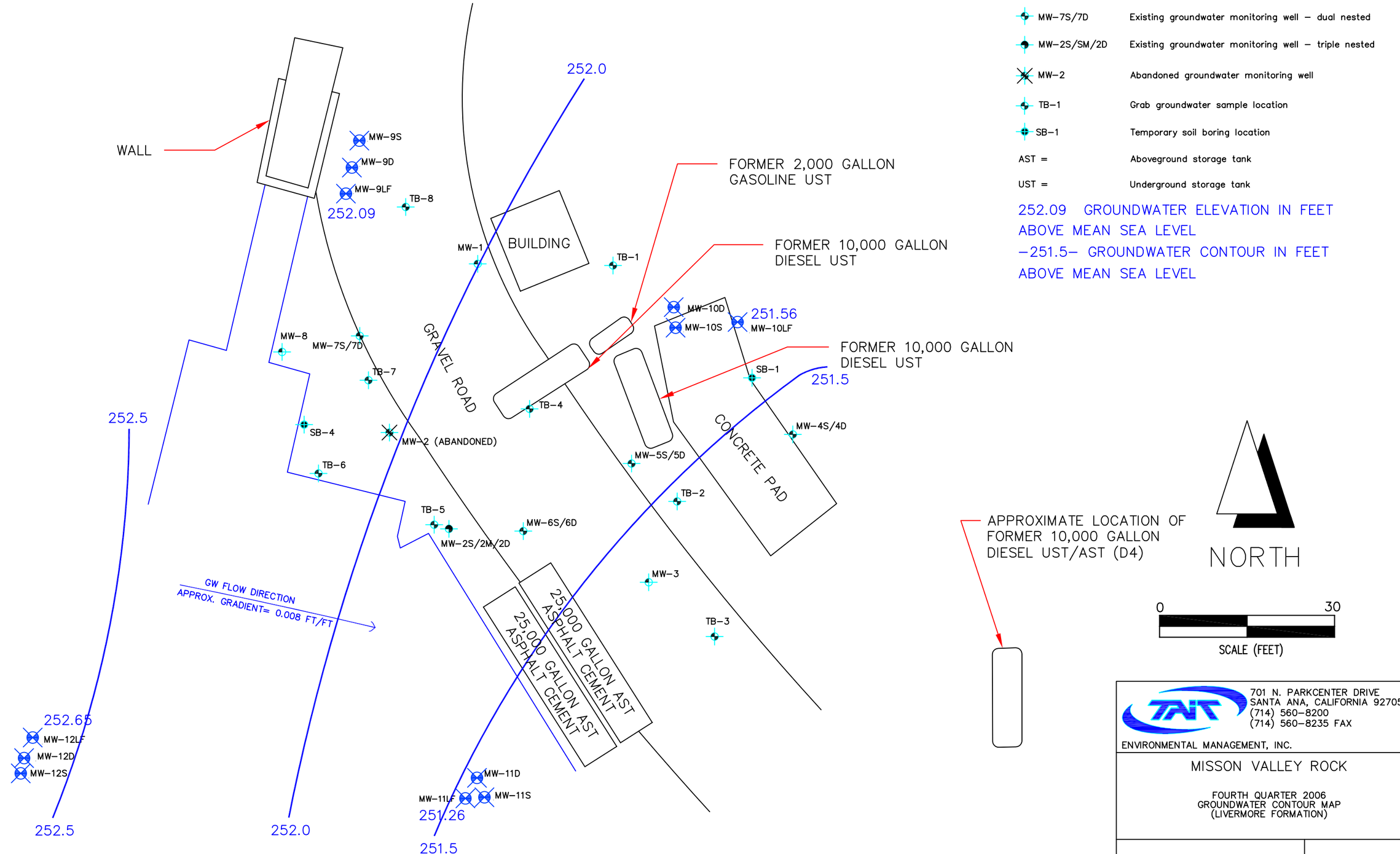
MISSON VALLEY ROCK

FOURTH QUARTER 2006
GROUNDWATER CONTOUR MAP
(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 4



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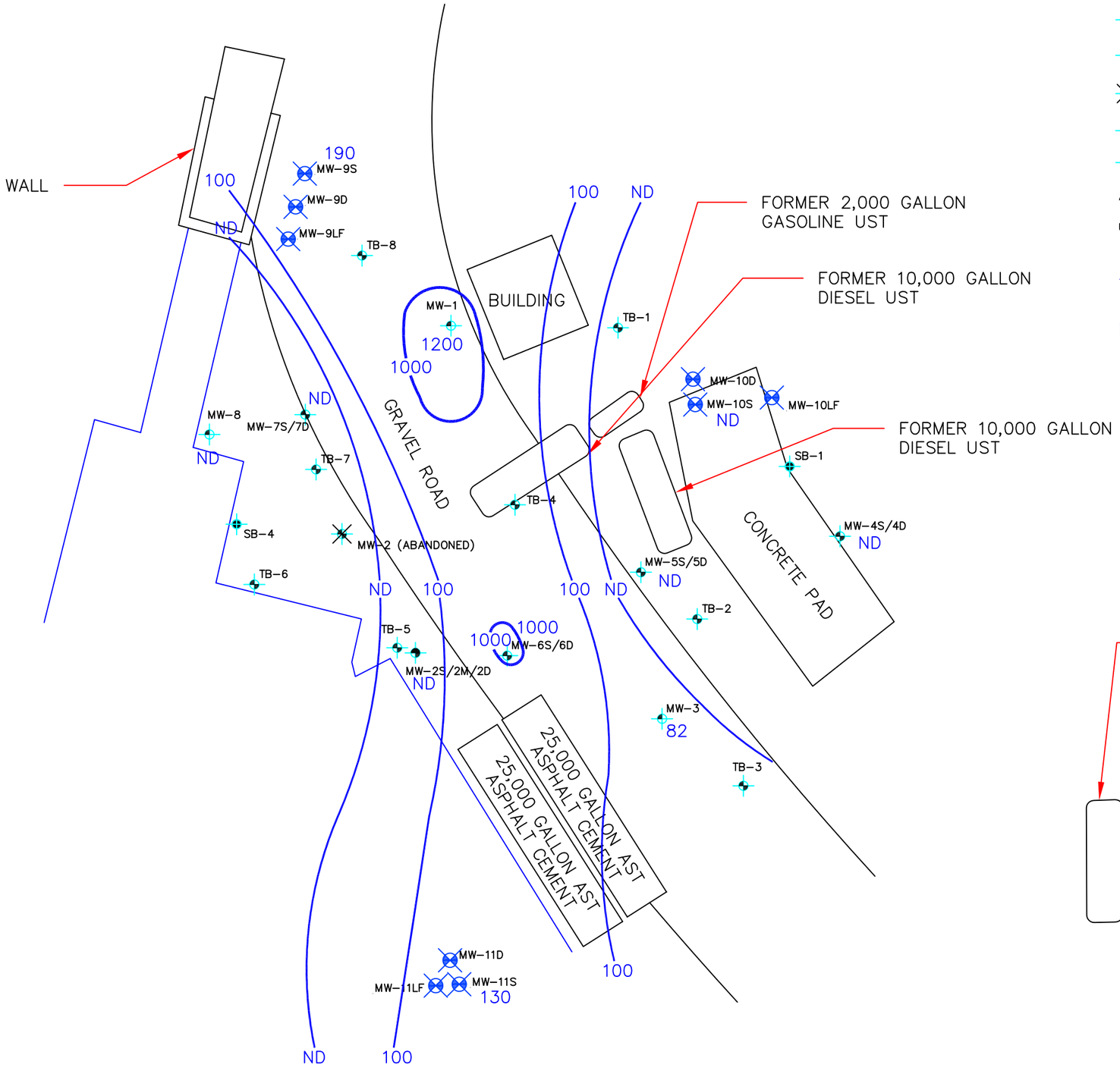
MISSON VALLEY ROCK

FOURTH QUARTER 2006
GROUNDWATER CONTOUR MAP
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 5



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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

190 TPHG CONCENTRATION (UG/L)
–100– TPHG CONTOUR (UG/L)
ND NOT DETECTED ABOVE REPORTING LIMIT

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

NORTH

0 30
SCALE (FEET)

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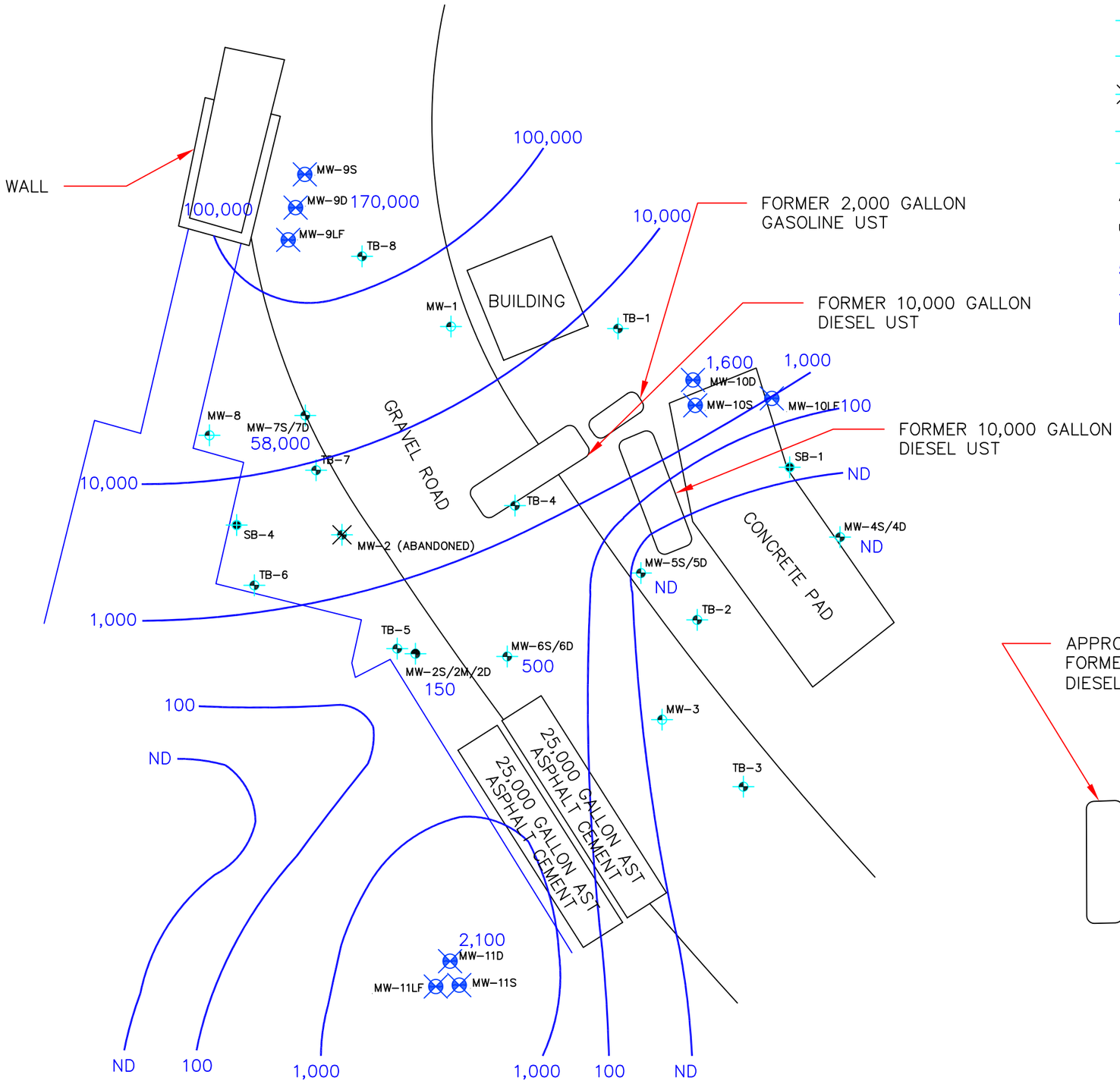
MISSON VALLEY ROCK

FOURTH QUARTER 2006
TPHG CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 6



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

500 TPHG CONCENTRATION (UG/L)
–100– TPHG CONTOUR (UG/L)
ND NOT DETECTED ABOVE REPORTING LIMIT

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

NORTH

0 30
SCALE (FEET)

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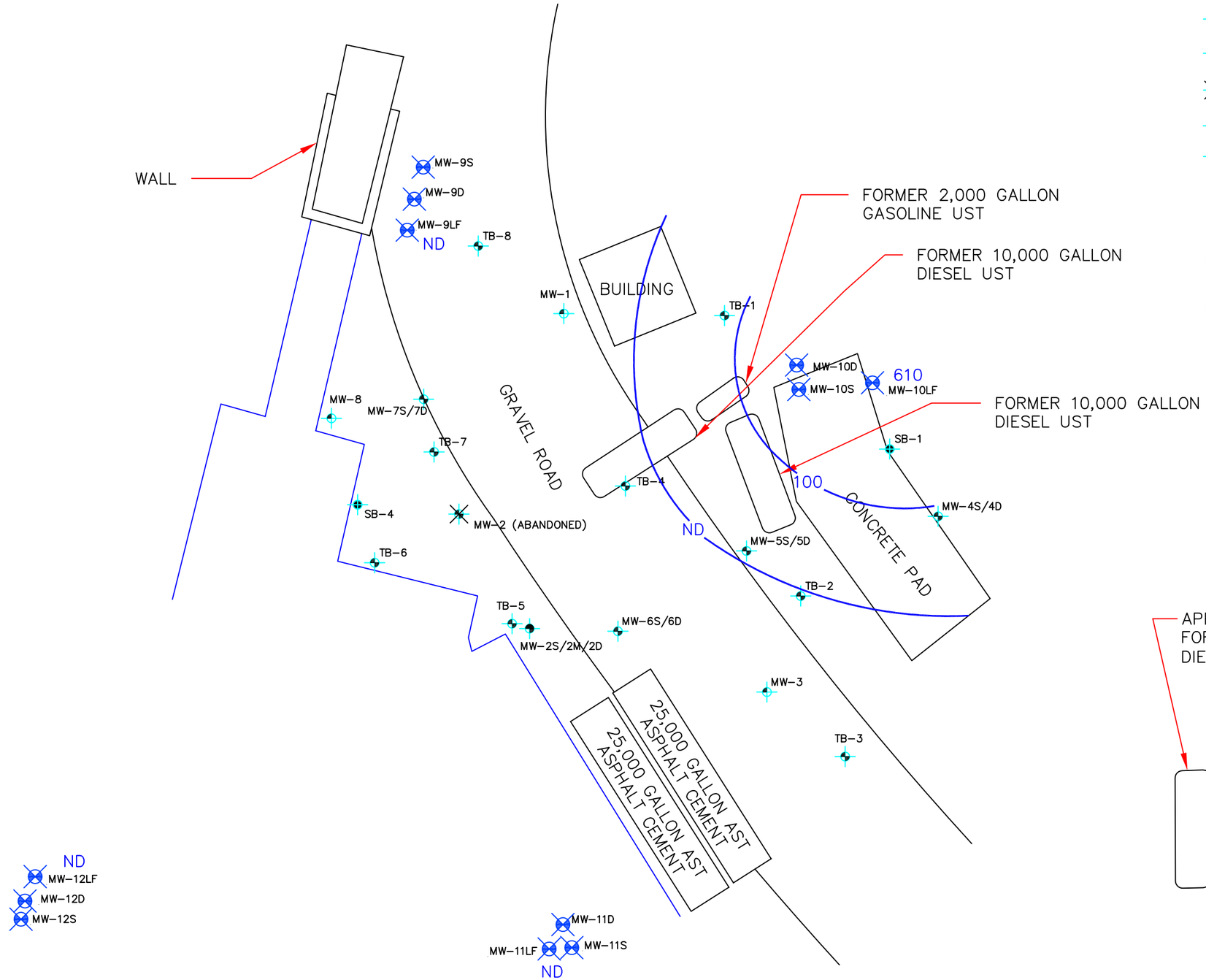
MISSON VALLEY ROCK

FOURTH QUARTER 2006
TPHG CONCENTRATIONS IN GROUNDWATER
(DEEP ZONE)

PROJECT NO. EM-5009C

FIGURE 7



MW-9S	New groundwater monitoring well – single completion
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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

610 TPHG CONCENTRATION (UG/L)
–100– TPHG CONTOUR (UG/L)
ND NOT DETECTED ABOVE REPORTING LIMIT

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

NORTH

0 30
SCALE (FEET)

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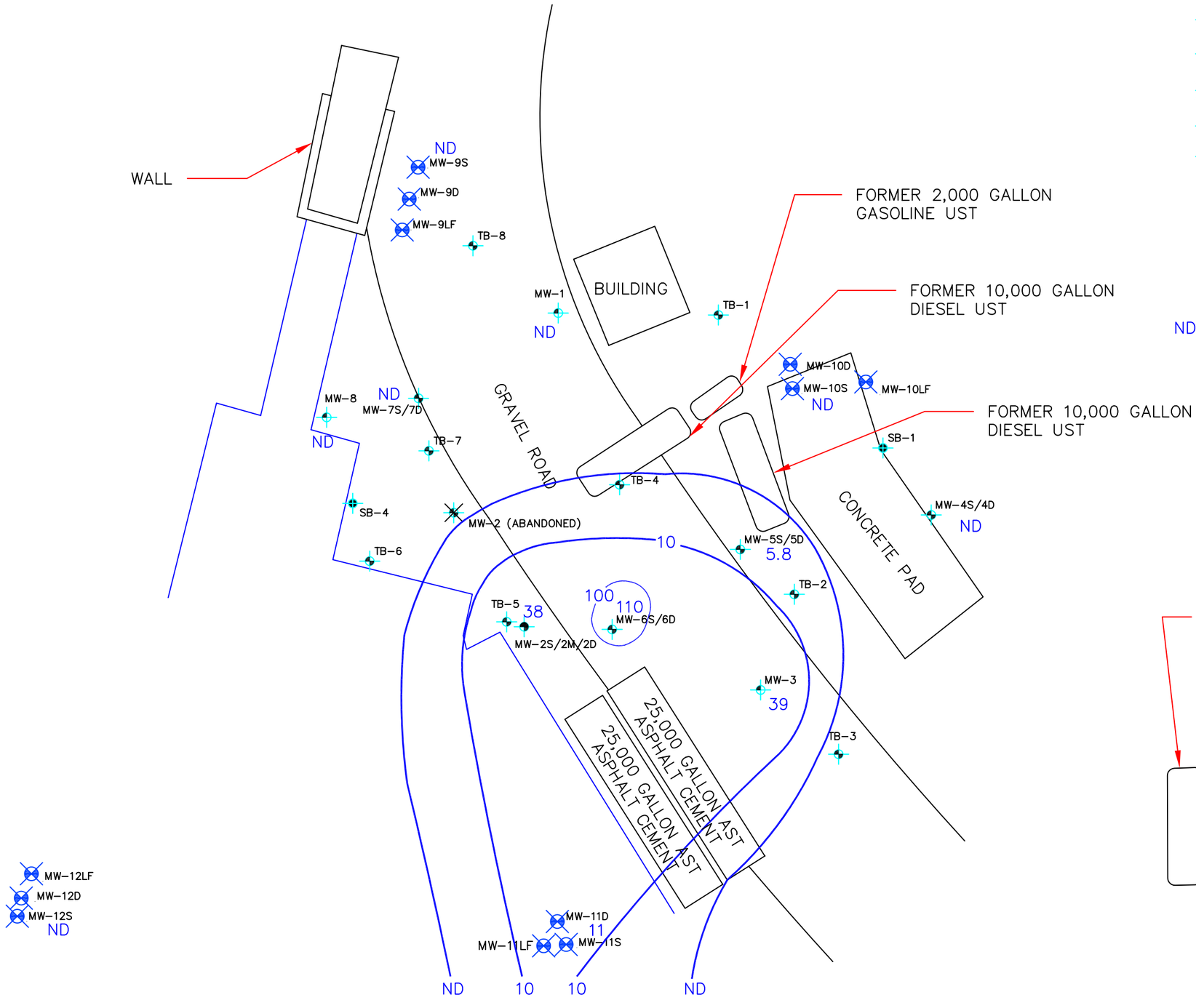
MISSON VALLEY ROCK

FOURTH QUARTER 2006
TPHG CONCENTRATIONS IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 8



MW-9S	New groundwater monitoring well – single completion
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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

110 MTBE CONCENTRATION (UG/L)
–100– MTBE CONTOUR (UG/L)
ND NOT DETECTED ABOVE REPORTING LIMIT

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

NORTH

0 30
SCALE (FEET)

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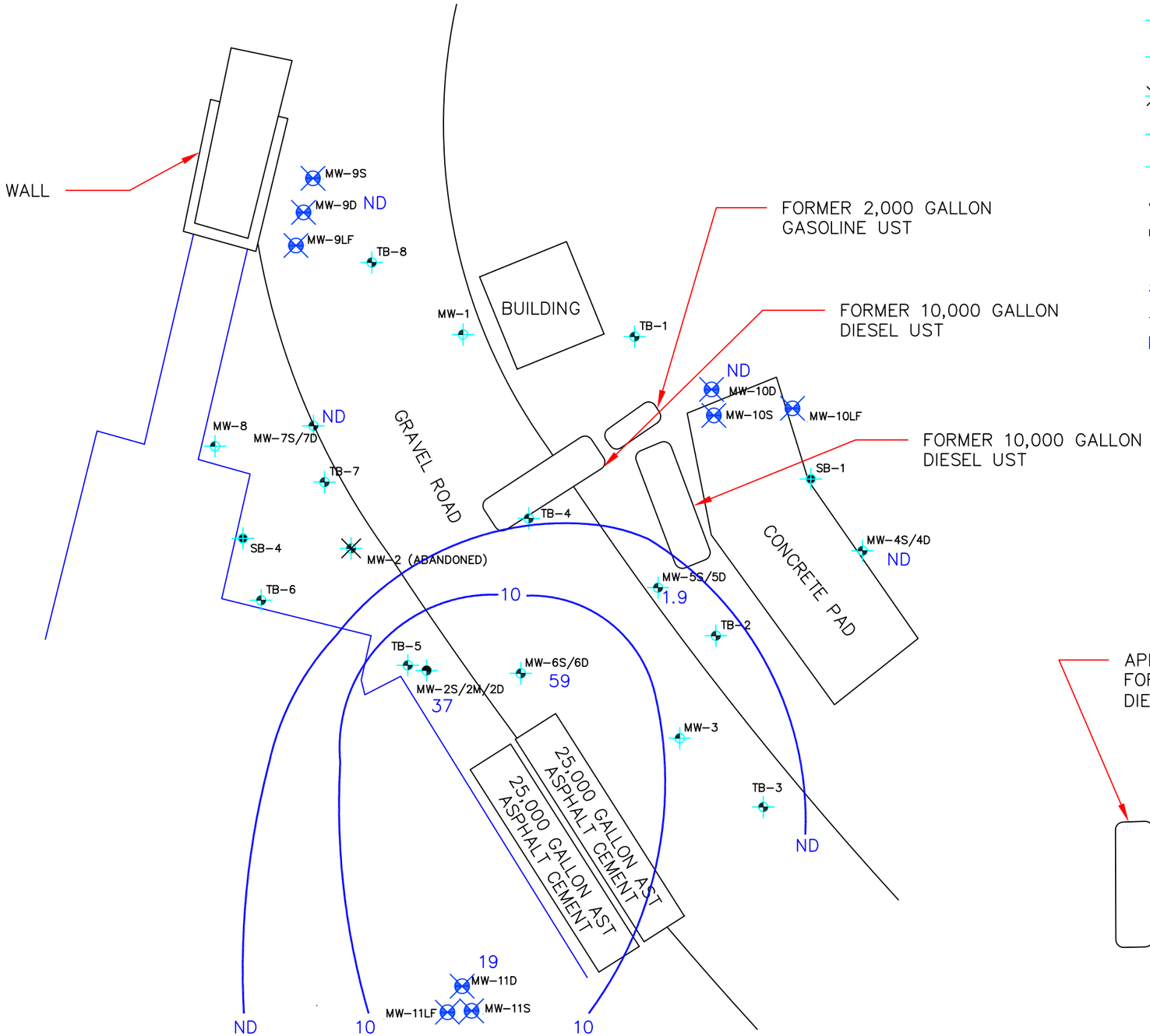
MISSON VALLEY ROCK

FOURTH QUARTER 2006
MTBE CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 9



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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

59 MTBE CONCENTRATION (UG/L)

–10– MTBE CONTOUR (UG/L)

ND NOT DETECTED ABOVE REPORTING LIMIT

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

NORTH

0 30

SCALE (FEET)

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MISSON VALLEY ROCK

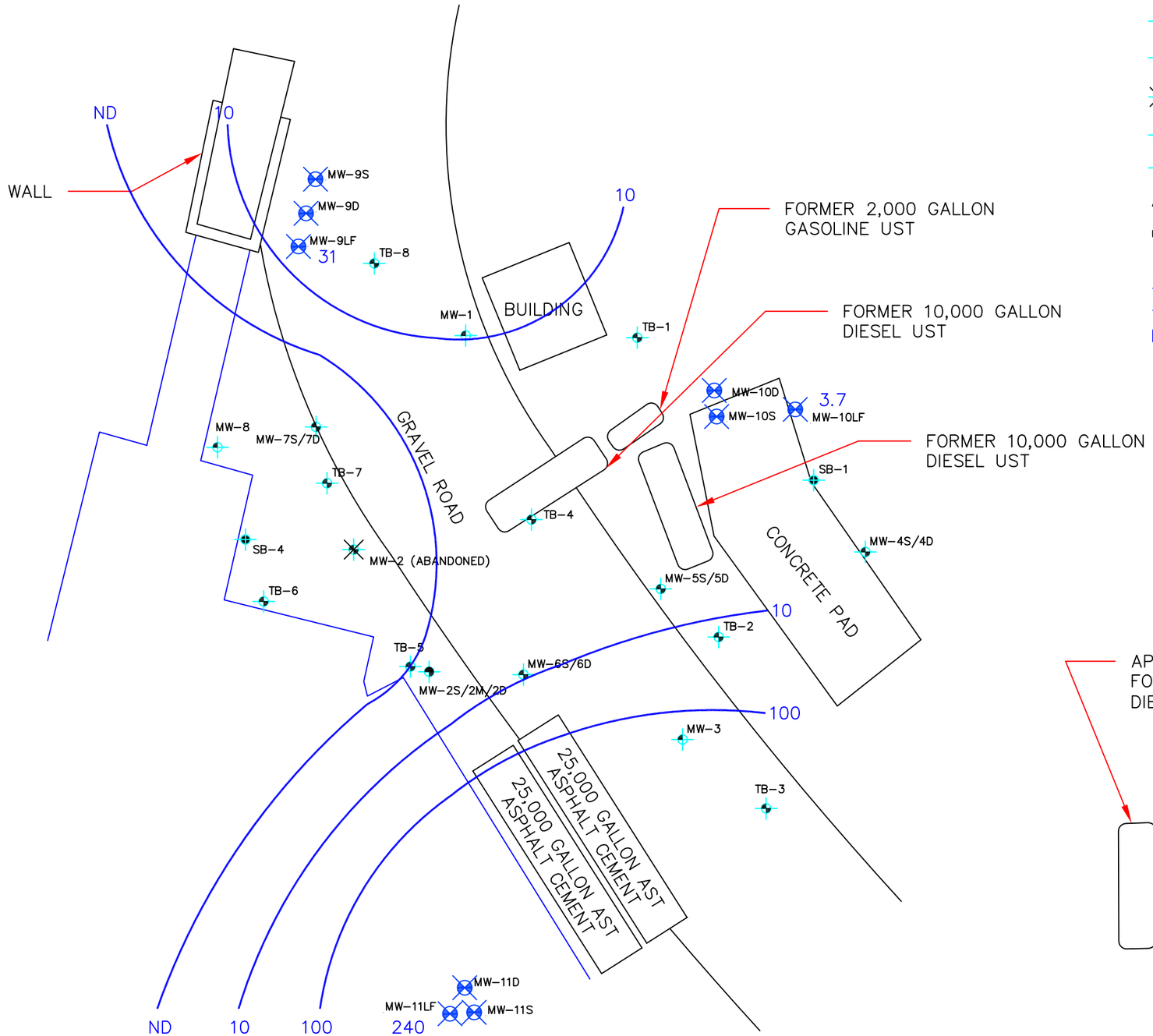
FOURTH QUARTER 2006

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

240 MTBE CONCENTRATION (UG/L)
–10– MTBE CONTOUR (UG/L)
ND NOT DETECTED ABOVE REPORTING LIMIT

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

NORTH

0 30
SCALE (FEET)

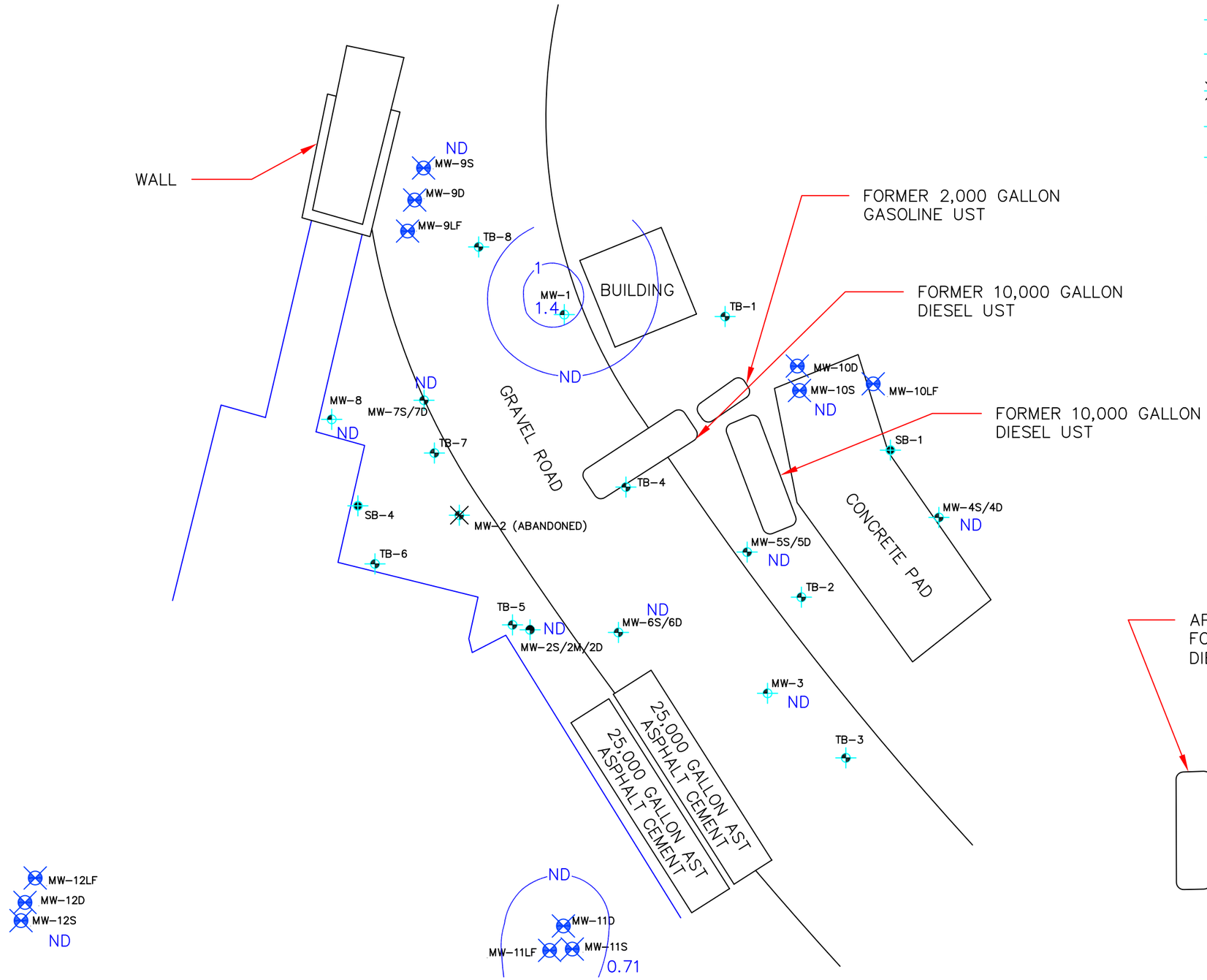
701 N. PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSON VALLEY ROCK

FOURTH QUARTER 2006
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

1.4 BENZENE CONCENTRATION (UG/L)

ND NOT DETECTED ABOVE REPORTING LIMIT

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

MISSON VALLEY ROCK

FOURTH QUARTER 2006

BENZENE CONCENTRATIONS IN GROUNDWATER

(SHALLOW ZONE)

PROJECT NO. EM-5009C

FIGURE 12

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

160 BENZENE CONCENTRATION (UG/L)

–10– BENZENE CONTOUR (UG/L)

ND NOT DETECTED ABOVE REPORTING LIMIT

WALL

MW–9S

MW–9D 1,800

MW–9LF

TB–8

1,000

1,000

1,000

BUILDING

MW–1

TB–1

100

10

FORMER 2,000 GALLON GASOLINE UST

FORMER 10,000 GALLON DIESEL UST

2.5

MW–10D

MW–10S

MW–10LF

1

ND

FORMER 10,000 GALLON DIESEL UST

SB–1

MW–8

160

MW–7S/7D

TB–7

100

100

GRAVEL ROAD

TB–4

10

SB–4

MW–2 (ABANDONED)

MW–4S/4D ND

CONCRETE PAD

MW–5S/5D ND

TB–6

10

TB–2

TB–5 ND

0.98

MW–6S/6D

MW–2S/2M/2D

MW–3

25,000 GALLON AST ASPHALT CEMENT

25,000 GALLON AST ASPHALT CEMENT

TB–3

10

MW–12LF

MW–12D ND

MW–12S

15

MW–11D

MW–11LF

MW–11S

1

10

10

ND

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

NORTH

0 30

SCALE (FEET)

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

MISSON VALLEY ROCK

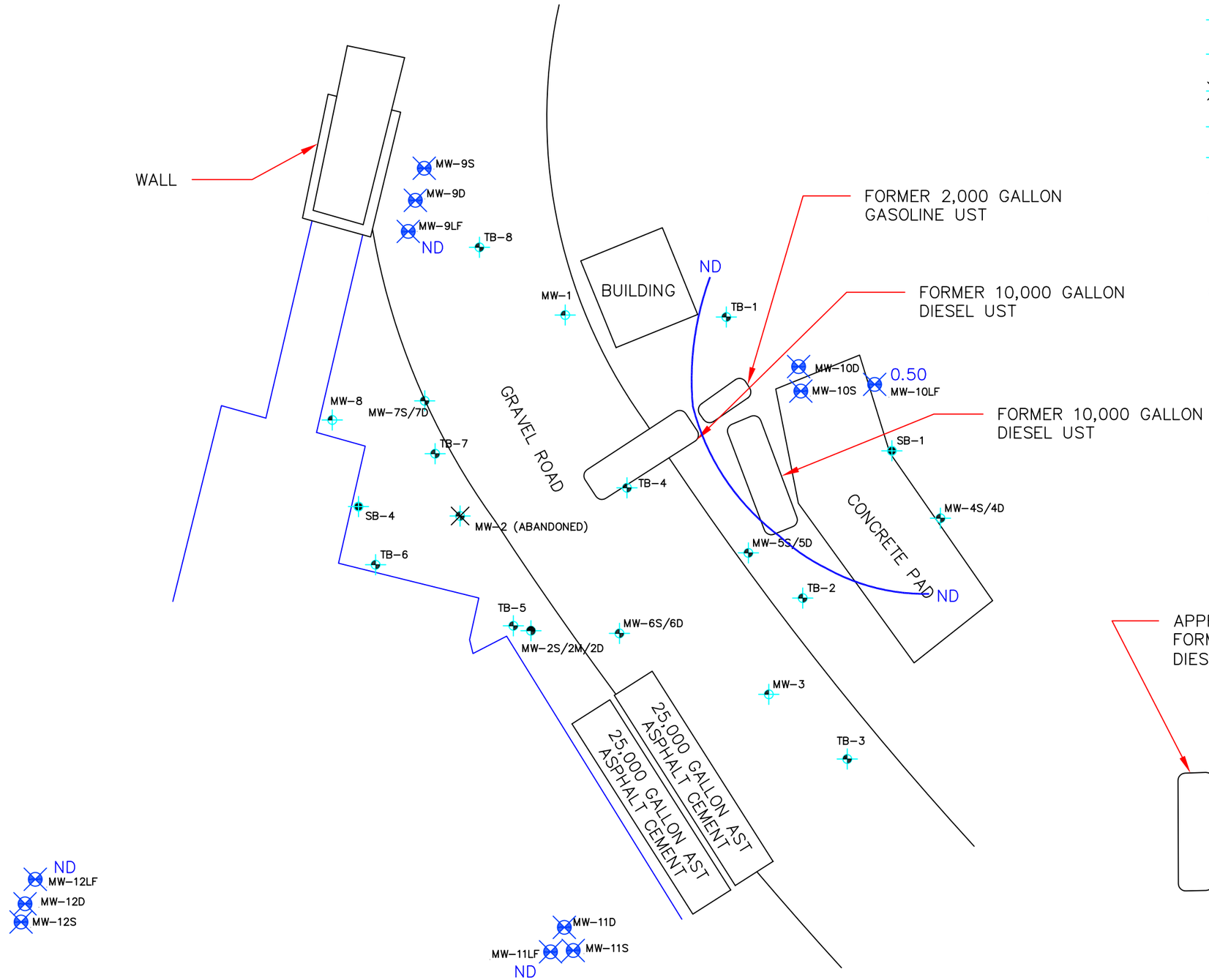
FOURTH QUARTER 2006

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

0.50 BENZENE CONCENTRATION (UG/L)
–10– BENZENE CONTOUR (UG/L)
ND NOT DETECTED ABOVE REPORTING LIMIT

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

NORTH

0 30
SCALE (FEET)

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

MISSON VALLEY ROCK

FOURTH QUARTER 2006
BENZENE CONCENTRATION IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 14

TABLES

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

Well ID	Casing Diameter (inches)	Depth to Water (feet below TOC)	Total Depth (feet below TOC)	Screened Interval (feet bgs)	Measuring Point Elevation (feet MSL)	Groundwater Elevation (feet MSL)
MW-1	2	5.42	17.78	5.0 - 20.0	258.68	253.26
MW-2S	2	6.40	8.71	3.0-8.0	258.84	252.44
MW-2M	2	6.89	12.29	14.0-19.0	258.99	252.10
MW-2D	2	6.94	29.54	25.0-30.0	258.91	251.97
MW-3	2	7.30	14.70	5.0-20.0	259.08	251.78
MW-4S	2	4.05	8.35	3.0-8.0	259.14	255.09
MW-4D	2	7.95	23.38	17.0-22.0	259.22	251.27
MW-5S	2	6.31	8.24	3.0-8.0	259.43	253.12
MW-5D	2	6.69	22.65	17.0-22.0	259.40	252.71
MW-6S	2	6.30	15.00	5.0-15.0	258.75	252.45
MW-6D	2	7.37	29.15	24.5-29.5	259.27	251.90
MW-7S	2	5.60	8.48	5.0-8.0	258.84	253.24
MW-7D	2	6.64	23.61	20.0-25.0	258.80	252.16
MW-8	2	5.80	15.30	5.0-15.0	258.84	253.04
MW-9S	2	5.21	12.20	5.3-12.3	258.41	253.20
MW-9D	2	6.58	24.28	18.9-23.9	258.86	252.28
MW-9LF	2	6.85	39.11	33.3-38.3	258.94	252.09
MW-10S	2	5.04	9.58	4.8-9.8	260.67	255.63
MW-10D	2	8.18	19.38	15.5-20.5	260.64	252.46
MW-10LF	2	9.02	39.90	34.4-39.4	260.58	251.56
MW-11S	2	7.28	9.43	4.8-9.8	258.96	251.68
MW-11D	2	7.65	20.50	15.3-20.3	258.98	251.33
MW-11LF	2	7.75	39.41	32.8-37.8	259.01	251.26
MW-12S	2	10.00	11.04	4.6-11.6	262.69	252.69
MW-12D	2	9.94	19.70	16.0-21.0	262.70	252.76
MW-12LF	2	10.25	39.50	33.7-38.7	262.90	252.65

Note:

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

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
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
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
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
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

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

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
		12/04/06	7.30	251.78	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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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

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
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
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
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
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

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
Fourth Quarter 2006
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Tert-butyl Alcohol (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)
MW-1	12/5/2006	ND	**1200**	**1.4**	ND	**1.5**	ND	ND	ND
MW-2S	12/5/2006	**18000**	ND	ND	ND	ND	ND	ND	**38**
MW-2M	12/5/2006	**6100**	**340**	ND	ND	ND	ND	ND	**37**
MW-2D	12/5/2006	**3000**	**150**	ND	ND	ND	ND	ND	**37**
MW-3	12/5/2006	ND	**82**	ND	ND	ND	ND	ND	**39**
MW-4S	12/4/2006	ND	ND	ND	ND	ND	ND	ND	ND
MW-4D	12/4/2006	ND	ND	ND	ND	ND	ND	ND	ND
MW-5S	12/4/2006	ND	ND	ND	ND	ND	ND	ND	**5.8**
MW-5D	12/5/2006	ND	ND	ND	ND	ND	ND	ND	**1.9**
MW-6S	12/5/2006	**2600**	**1000**	ND	ND	**1.2**	ND	ND	**110**
MW-6D	12/6/2006	**1300**	**500**	**0.98**	**8.1**	**16**	ND	**38.8**	**59**
MW-7S	12/4/2006	ND	ND	ND	ND	ND	ND	ND	ND
MW-7D	12/6/2006	**12000**	**58000**	**160**	**1300**	**3900**	ND	**5800**	ND
MW-8	12/4/2006	ND	ND	ND	ND	ND	ND	ND	ND
MW-9S	12/5/2006	ND	**190**	ND	ND	**0.76**	ND	ND	ND
MW-9D	12/6/2006	**9100**	**170000**	**1800**	**6700**	**3400**	ND	**7400**	ND
MW-9LF	12/5/2006	**290**	ND	ND	ND	ND	ND	ND	**31**
MW-10S	12/5/2006	ND	ND	ND	ND	ND	ND	ND	ND
MW-10D	12/6/2006	ND	**1600**	**2.5**	**0.96**	**28**	ND	**4**	ND
MW-10LF	12/5/2006	**190**	**610**	**0.50**	**0.56**	ND	ND	**1.5**	**3.7**

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

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Tert-butyl Alcohol (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)
MW-11S	12/6/2006	**1700**	**130**	**0.71**	ND	**0.64**	ND	**0.51**	**11**
MW-11D	12/6/2006	**190000**	**2100**	**15**	**23**	**29**	ND	**101**	**19**
MW-11LF	12/4/2006	ND	ND	ND	ND	ND	ND	ND	**240**
MW-12S	12/5/2006	**130**	ND	ND	ND	ND	**210**	ND	ND
MW-12D	12/4/2006	ND	ND	ND	ND	ND	ND	ND	ND
MW-12LF	12/5/2006	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
Analyses for Total Petroleum Hydrocarbons as Gasoline and Diesel (TPHg and TPHd, respectively) were performed using EPA Method No. 8015M.
Analyses for benzene, toluene, ethylbenzene, total xylenes, methyl-tert-butyl ether (MTBE), and Tert-butyl alcolhol (TBA) were performed using EPA Method No. 8260B.
Tert-amyl methyl ether (TAME), Di-isoproppyl ether (DIPE), and Ethyl tert-butyl ther (ETBE) were not detected above laboratory detection limits.
Total xylene concentrations were determined by adding m,p-xylene and o-xylene from laboratory report.
NM = Not Measured
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	**3.0**	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<0.5	ND<1.0
	12/05/06	ND<50	**1200**	**1.4**	ND<0.5	**1.5**	ND<10	ND<0.5	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	**9.0**
	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<0.5	**29**
	12/05/06	**18000**	ND<50	ND<0.5	ND<50	ND<0.5	ND<10	ND<0.5	**38**
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<0.5	**22**
	12/05/06	**6100**	**340**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**37**
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<0.5	**27**
	12/05/06	**3000**	**150**	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**37**

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-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**
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<0.5	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
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	**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

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-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**
	12/4/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**5.8**
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<0.5	**5.3**
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**1.9**
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<0.5	**110**
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**	**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<0.5	**74**
	12/06/06	**1300**	**500**	**0.98**	**8.1**	**16**	ND<10	**38.8**	**59**
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**	**9.0**	**31.0**	ND<10	**78**	ND<1.0
	06/14/06	ND<50	**430**	ND<0.5	ND<0.5	**6.1**	ND<10	**15**	ND<1.0
	09/07/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	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

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-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<0.5	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**	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<0.5	ND<1.0
	12/05/06	ND<50	**190**	ND<0.5	ND<0.5	**0.76**	ND<10	ND<0.5	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
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<0.5	**31**
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<0.5	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0
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	**11.9**	ND<1.0
	12/06/06	ND<50	**1600**	**2.5**	**0.96**	**28**	ND<10	**4**	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**
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**
MW-11D	05/05/06	ND<50	**13000**	**20**	**20**	**26**	ND<10	**77**	**47**
	06/14/06	**18000**	**6500**	**12**	**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**
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<0.5	**160**
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	**240**

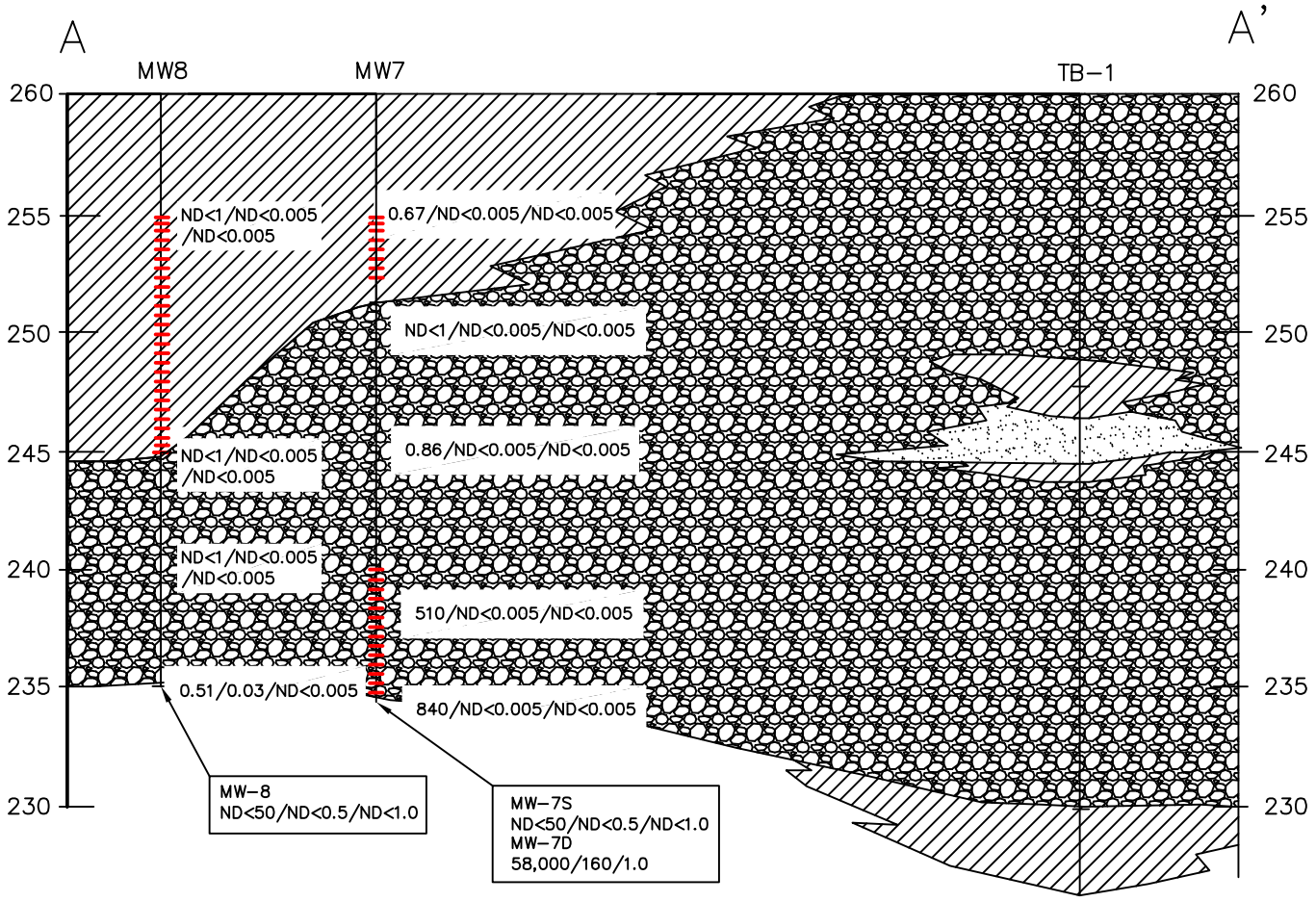
Table 4
Historical Groundwater Analytical Results
Mission Valley Rock Company
Sunol, California

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-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<0.5	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	**210**	ND<0.5	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<0.5	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	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<0.5	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<1.0

Note:
Concentrations reported in micrograms per Liter (ug/L)
MTBE = Methyl-tert-Butyl Ether
ND = Not Detected at or above corresponding reporting limit
NS = Not Sampled
TPHd = Total Petroleum Hydrocarbons as Diesel
TPHd = Total Petroleum Hydrocarbons as Gasoline
NM: Not Measured

APPENDIX A

CROSS SECTIONS



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

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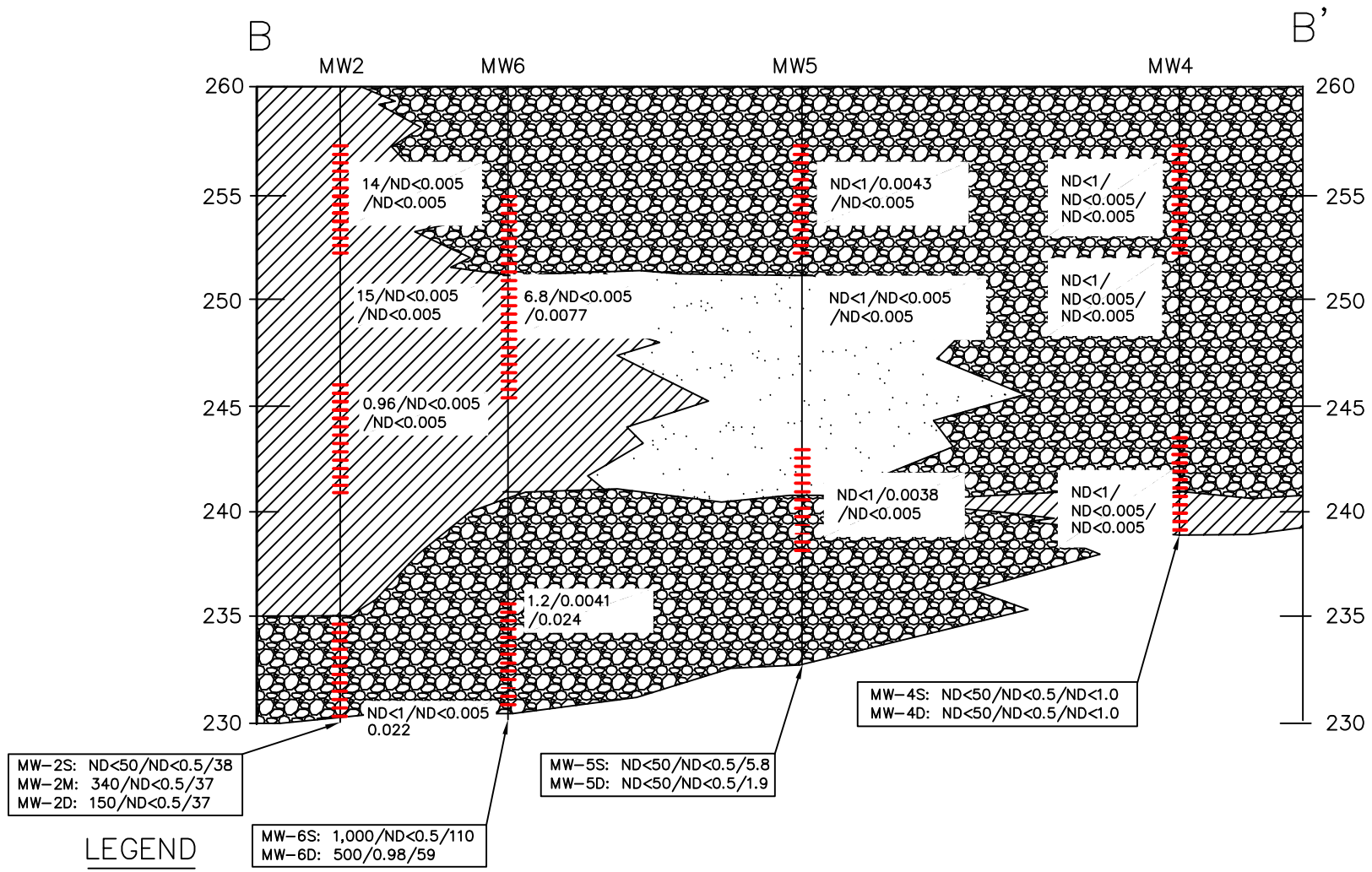
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION
A-A'

PROJECT NO. EM5009A

FIGURE 8



LEGEND

SILTY SAND/SAND

CLAY

GRAVEL

5'

0

20'

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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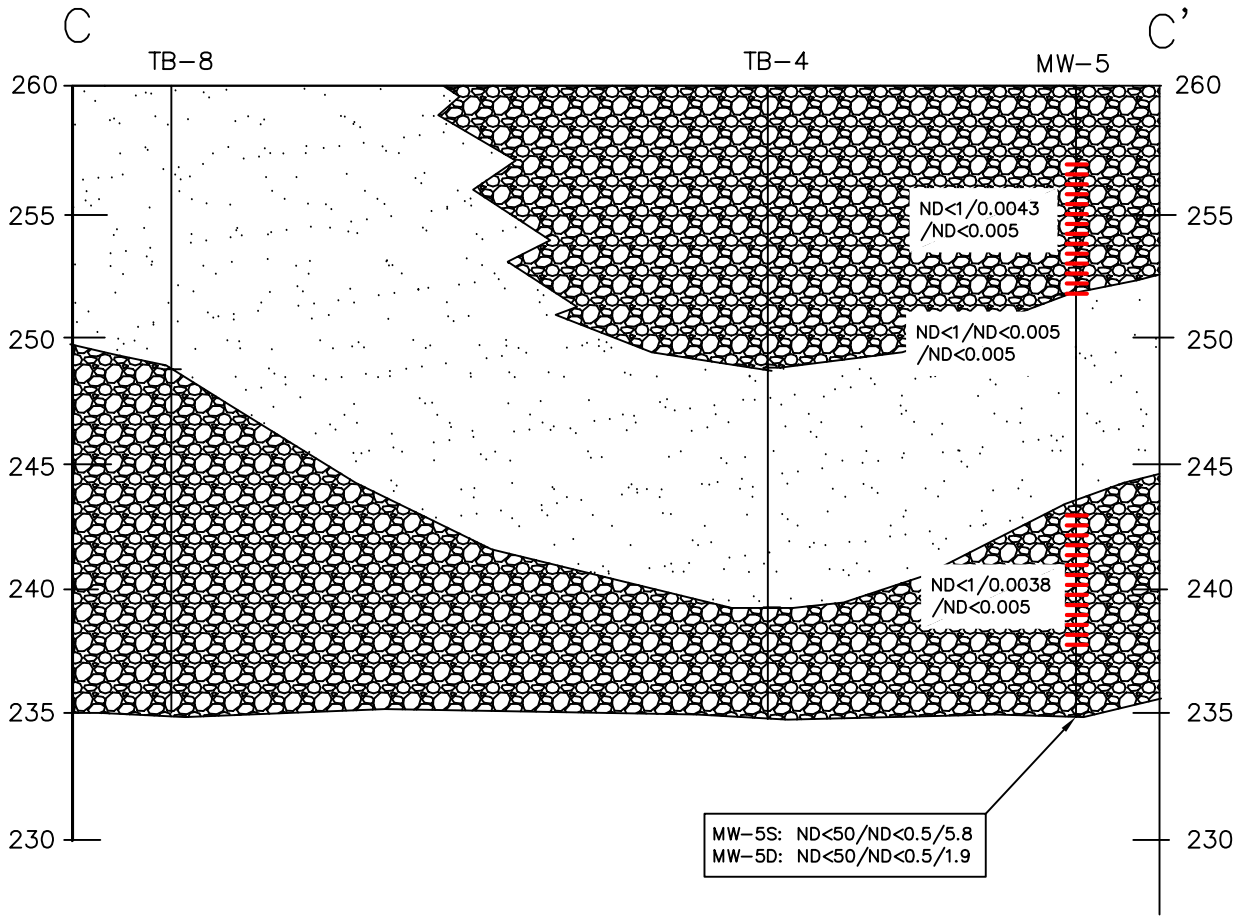
MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION
B-B'

PROJECT NO. EM5009A

FIGURE 9



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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SUNOL, CALIFORNIA

NORTH-SOUTH CROSS SECTION C-C'

PROJECT NO. EM5009A

FIGURE 10

APPENDIX B

SAMPLING DATA SHEETS

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-4-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-5S	**Weather:** COLD, DRY **Screen:**
Measurement Point Description:	**Pump Intake:** 8.24'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.31	8.24	1.93	–	0.31	0.93	–	–

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

Field Equipment: 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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1240	NA	0	–	NA	6.94	16.6	928	0.901	10.49	-68	MURKY
1250	↓	0.5	0.05	↓	6.86	16.7	775	0.280	10.14	-72	MURKY
1252	↓	1.0		↓	WELL WENT DRY @			APPROX	0.6	GALLONS	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1240	1252	0.05	0.6	1.94	6.70	6.32	1651	MW-5S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-4-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-4S	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 8'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	4.05	8.35	4.30	NA	0.69	2.06	—	—

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: 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	NA	0	-	NA	6.88	17.6	530	0.668	12.46	-66	cloudy
1312	↓	0.5	0.25	↓	6.94	17.7	232	0.690	10.81	-112	clear
1315		1.0	0.17		6.99	17.8	203	0.708	11.09	-119	↓
1317		1.5	0.25		7.04	17.8	191	0.710	11.22	-118	
1320	↓	2.0	0.17	↓	7.09	17.8	130	0.713	11.43	-120	

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	0.25	2.5	3.62	4.91	4.10	1325	MW-4S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-4-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-4d	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC NORTH	**Pump Intake:** 13'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.95	23.38	15.43	—	2.47	7.41	-	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1339	NA	0	-	NA	7.08	20.7	958	0.550	9.31	-63	Cloudy
1341	↓	2	1.0	↓	7.15	20.6	287	0.451	10.18	-79	CLEAR
1344		4	0.67		7.17	20.4	155	0.434	10.39	-82	↓
1347		6	0.67		7.19	20.3	139	0.991	10.43	-82	
1350	↓	8	0.67	↓	7.17	20.3	125	0.999	10.45	-84	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1339	1350	0.73	8.0	3.24	11.03	8.65	1355	MW-4d

Notes:

ft-bmp = feet below measuring point

ND

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-4-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-7S	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 8'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.60	8.48	2.88	NA	0.46	1.38	—	—

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

Field Equipment: Horiba ; 2 stage pump
Purge Method: 2 stage pump
Well Condition: good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1420	NA	0	-	NA	6.80	17.5	OVER	0.246	12.52	-60	MURKY
1423	↓	0.5	0.17	↓	6.74	17.2	OVER	0.261	11.16	-78	↓
1426		1.0	0.17		6.73	17.1	↓	0.264	10.62	-76	
1430	↓	1.5	0.13	↓	6.75	17.0		0.263	10.40	-77	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1420	1430	0.15	1.5	3.26	6.18	5.65	1440	MW-7S

Notes:

ft-bmp = feet below measuring point

MD

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	12-4-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-8	**Weather:**	COLD, DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	13'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.80	15.34	9.54	–	1.53	4.58	–	–

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

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

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1452	NA	0	–	NA	7.26	17.7	OVER	0.246	10.04	-16	MURKY
1453	↓	1	1.0	↓	7.20	17.8	447	0.244	9.64	-14	cloudy
1454		2	1.0		7.12	17.9	224	0.242	9.43	-3	clear
1456		3	0.5		7.09	17.9	156	0.245	9.66	-6	↓
1458		4	0.5		7.06	17.9	139	0.244	9.24	-6	
1500	↓	5	0.5	↓	7.03	17.9	118	0.245	9.31	-9	

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
1452	1500	0.63	5.0	3.27	7.71	5.88	1505	MW-8

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-4-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-11LF	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 30'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.75	39.41	31.66	-	5.07	15.20	-	-

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: 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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1515	NA	0	-	NA	7.39	18.8	187	0.169	8.79	-115	CLEAR
1519	↓	5	1.25	↓	7.28	18.2	OVER	0.163	9.63	-122	MURKY
1526		10	0.71		7.27	18.3	540	0.154	9.55	-125	cloudy
1531	↓	15	1.0	↓	7.26	18.1	360	0.153	9.33	-126	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
1515	1531	0.94	15.5	3.06	*14.08	8.78	1535	MW-11LF

Notes:

ft-bmp = feet below measuring point

NP

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-4-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-12S	**Weather:** cold, dry **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
NA	10.00	11.04	1.04	NA	0.16	0.50	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1555	NA	0	—	NA	7.20	18.3	OVER	1.0	9.68	62	Muddy
1607	Approx	0.2	0.02	↓	7.14	18.1	OVER	1.3	9.73	72	Murky
1610	WELL WENT DRY, PUMP SUCKING SAND @ 0.25 gallon										

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
1555	1610	0.02	0.25	1.56	10.21	10.01	0920	MW-12S

Notes:

* DATE SAMPLED: 12-5-06

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-4-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-12d	**Weather:** COLD, DRY **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
NA	9.94	19.70	9.76	—	1.56	4.68	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1616	NA	0	—	NA	7.08	17.8	OVER	0.187	8.83	30	MUDDY
1619	↓	2	0.67	↓	7.05	18.2	OVER	0.179	8.63	41	cloudy
1623	↓	4	0.5	↓	7.00	17.6	OVER	0.180	9.29	53	↓
1627	↓	6	0.5	↓	7.02	17.8	685	0.183	9.49	61	↓

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
1616	1627	0.55	6.0	3.85	11.89	10.13	1630	MW-12d

Notes:

ft-bmp = feet below measuring point

ND

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-12LF	**Weather:** cold, dry **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
NA	10.25	39.50	29.25	–	4.68	14.04	–	–

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 (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
937	NA	0	–	NA	7.38	17.0	235	0.162	9.68	163	clear
944	↓	5	0.71	↓	7.11	16.8	302	0.161	8.38	154	cloudy
951	↓	10	0.83	↓	7.08	16.4	715	0.158	8.37	128	↓
957	↓	15	0.83	↓	7.06	16.3	640	0.162	8.54	116	↓

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
937	957	0.75	15.0	3.21	16.10	10.96	959	MW-12LF

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-5d	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 18'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.69	22.65	15.96	—	2.55	7.66	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1033	NA	0	—	NA	6.87	18.8	277	0.376	8.86	-92	CLEAR
1035	↓	2	1.0	↓	6.81	19.3	241	0.489	8.58	-98	↓
1037		4	1.0		6.84	19.6	246	0.490	8.36	-104	
1039		6	1.0		6.86	19.7	242	0.509	8.52	-107	
1041	↓	8	1.0	↓	6.86	19.7	257	0.502	8.58	-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
1033	1041	1.0	8.0		9.88	8.02	1047	MW-5d

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	12-5-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-3	**Weather:**	cold, day **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	13'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.30	14.70	7.40	–	1.18	3.55	–	–

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 Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1101	NA	0	–	NA	7.02	17.5	928	0.386	10.57	-113	MURKY
1104	↓	1	0.33	↓	7.00	18.1	OVER	0.318	9.57	-121	↓
1107		2	0.33		6.96	19.4	OVER	0.311	6.95	-123	
1109		3	0.50		7.00	19.4	OVER	0.307	6.92	-115	
1111		4	0.50		7.01	19.4	OVER	0.309	7.01	-118	

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
1101	1111	0.40	4.0	3.39	8.78	8.20	1117	MW-3

Notes:

ft-bmp = feet below measuring point

ND

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-10S	**Weather:** COLD, DRY **Screen:**
Measurement Point Description: TOC NORTH	**Pump Intake:** 9'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.04	9.58	4.54	–	0.73	2.18	–	–

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1139	NA	0	–	NA	7.05	16.1	OVER	0.592	8.74	38	Muddy
1141	↓	1	0.5	↓	7.14	16.9	469	0.599	7.70	28	cloudy
1144		2	0.33		7.08	16.4	362	0.597	10.70	-15	↓
1149	↓	3	0.20	↓	7.08	16.3	311	0.616	10.83	-15	

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
1139	1149	0.30	3.0	4.11	5.94	5.15	1152	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-2d	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 22'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.94	29.54	22.60	—	3.62	10.84	—	—

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 Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1224	NA	0	—	NA	7.01	18.8	407	0.257	8.57	-113	cloudy
1226	↓	3	1.5	↓	7.01	19.1	272	0.253	8.11	-116	clear
1229		6	1.0		6.98	19.1	256	0.257	8.51	-123	↓
1232		9	1.0		6.91	19.2	280	0.254	8.28	-130	
1236	↓	12	0.75	↓	6.89	19.2	258	0.249	7.97	-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
1224	1236	1.0	12.0	3.31	11.46	7.18	1239	MW-2d

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-2M	**Weather:** COLD, DRY **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
NA	6.89	12.29	5.40	-	0.86	2.59	-	-

Well Diameter (in)				Gallons/Foot			
	0.75	2	4	6	0.75	2	4	6
		(2)			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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1257	NA	0	-	NA	6.87	18.4	219	0.250	8.68	-122	CLEAR
1300	↓	1	0.33	↓	6.82	19.2	250	0.254	8.53	-125	↓
1303		2	0.33		6.86	19.6	236	0.252	8.08	-126	
1307	↓	3	0.25	↓	6.85	19.4	240	0.251	8.34	-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
1257	1307	0.33	3.0	3.49	7.97	7.81	1309	MW-2M

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-9S	**Weather:** COLD, DRY **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
NA	5.21	12.20	6.99	–	1.12	3.36	–	–

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

Field Equipment: Horiba, 2 stage
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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1321	NA	0	–	NA	6.84	16.9	OVER	0.511	9.65	-52	MUCKY
1324	↓	1	0.33	↓	6.92	17.9	OVER	0.522	9.89	-55	↓
1327		2	0.33		6.96	18.2	OVER	0.508	9.12	-62	
1330		3	0.33		6.98	17.9	OVER	0.508	10.07	-65	
1334		4	0.25		6.98	18.1	OVER	0.508	10.55	-69	

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
1321	1334	0.31	4.0	3.57	6.61	5.51	1337	MW-9S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	12-5-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-6S	**Weather:**	COLD, DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	13'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.30	15.00	8.70	—	1.39	4.18	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1356	NA	0	—	NA	7.01	17.9	OVER	0.332	9.93	-95	MURKY
1401		1	0.20		6.98	19.4	OVER	0.328	8.95	-114	
1404		2	0.33		6.87	19.8	OVER	0.330	8.48	-126	
1407		3	0.33		6.86	20.6	OVER	0.333	9.31	-129	
1410		4	0.33		6.84	20.7	OVER	0.336	9.18	-133	
1412		5	0.25		6.81	20.7	OVER	0.342	9.60	-141	

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
1356	1412	0.31	5.0	3.60	8.04	8.04	1420	MW-6S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	12-5-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-10LF	**Weather:**	cold, dry **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
NA	9.02	39.90	30.88	—	4.94	14.82	—	—

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

Field Equipment: 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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1430	NA	0	—	NA	7.20	16.8	315	0.264	11.69	-142	CLEAR
1434	↓	5	1.25	↓	7.05	17.3	320	0.331	10.95	-139	↓
1439		10	1.0		7.13	17.6	292	0.348	10.68	-137	
1445	↓	15	0.83	↓	7.15	17.4	242	0.357	10.35	-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
1430	1445	1.0	15.0	3.04	15.20	9.45	1449	MW-10LF

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-1	**Weather:** COLD, DRY **Screen:**
Measurement Point Description: TOC NORTH	**Pump Intake:** 13'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.42	17.78	12.36	—	1.98	5.93	—	—

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

Field Equipment: 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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1505	NA	0	—	NA	7.24	16.9	317	0.516	11.48	-78	CLEAR
1509	↓	2	0.50	↓	7.19	17.8	253	0.511	10.84	-97	↓
1514		4	0.40		7.08	18.1	256	0.526	9.98	-106	
1520	↓	6	0.33	↓	7.01	18.2	272	0.542	9.79	-114	↓

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
1505	1520	0.40	6.0	3.03	7.89	5.80	1524	MW-1

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-9LF	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 34'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.85	39.11	32.26	–	5.16	15.48	–	–

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

Field Equipment: Horiba, 2 stage
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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1535	NA	0	–	NA	7.55	17.0	298	0.232	10.90	-112	CLEAR
1541		4	0.67		7.28	17.8	264	0.232	10.20	-128	CLEAR
1549		8	0.50		7.22	17.6	296	0.234	10.43	-125	CLEAR
1556		12	0.57		7.20	17.7	597	0.242	9.96	-122	MURKY
1608		16	0.33		7.19	17.6	OVER	0.241	9.55	-124	MURKY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1535	1608	0.48	16.0	3.10	13.30	13.30	1632	MW-9LF

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-5-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-2S	**Weather:** cold, Dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 8.7'

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
NA	6.40	8.71	2.31	—	0.37	1.11	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1206	NA	0	—	NA	7.08	16.5	478	0.255	12.67	-95	cloudy
1211	↓	0.5	0.10	↓	7.05	17.9	800	0.289	10.60	-121	↓
1215	↓	1.0	0.13	↓	WELL	WENT	DRY	@	Approx	0.75	gallons
		1.5									

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
1206	1215	0.08	0.75	2.03	6.86	6.44	1644	MW-2S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-11S	**Weather:** cold, day **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 9'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.28	9.43	2.15	—	0.34	1.03	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
922	NA	0	—	NA	7.25	13.3	OVER	0.199	7.41	-76	Murky
926	↓	0.5	0.13	↓	7.18	16.1	OVER	0.192	9.86	-101	cloudy
930		1.0	0.13		7.11	17.5	715	0.207	9.01	-112	↓
935	↓	1.5	0.10	↓	7.05	18.5	558	0.210	8.91	-125	↓

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
922	935	0.12	1.50	4.41	7.71	7.60	939	MW-11S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW - 10d	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 16

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	8.18	19.38	11.20	—	1.79	5.38	—	—

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

Field Equipment: Horiba, 2 stage
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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
952	NA	0	-	NA	7.06	16.4	741	0.596	10.48	-99	cloudy
955	↓	2	0.67	↓	7.11	18.1	OVER	0.596	9.59	-113	↓
958		4	0.67		7.16	18.3	OVER	0.583	9.44	-119	
1002	↓	6	0.5	↓	7.13	18.3	OVER	0.583	9.23	-133	↓

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
952	1002	0.60	6.0	3.35	10.42	8.83	1006	MW-10d

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-11d	**Weather:** COLD, DRY **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
NA	7.65	20.50	12.85	—	2.06	6.17	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1018	NA	0	—	NA	7.21	16.7	689	0.208	10.56	-99	cloudy
1023	↓	2	0.40	↓	7.13	19.1	OVER	0.203	9.69	-108	murky
1028		4	0.40		6.94	19.4	OVER	0.203	9.21	-116	↓
1033		6	0.40		6.86	19.5	OVER	0.205	9.47	-113	
1038	↓	8	0.40	↓	6.85	19.5	OVER	0.208	9.39	-117	

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
1018	1038	0.40	8.0	3.88	10.22	10.22	1045	MW-11d

Notes:

ft-bmp = feet below measuring point

33,000

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-9d	**Weather:** cold, dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 20'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.58	24.28	17.70	—	2.82	8.50	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1100	NA	0	—	NA	7.18	17.4	965	0.324	11.59	-115	cloudy
1105	↓	3	0.60	↓	6.95	18.1	OVER	0.335	9.77	-123	↓
1110		6	0.60		6.94	18.5	OVER	0.334	9.30	-144	
1116		9	0.50		6.91	18.5	OVER	0.341	9.12	-151	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	30% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1100	1116	0.56	9.0	3.19	10.12	8.02	1120	MW-9d

Notes:

ft-bmp = feet below measuring point

58,000

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-7d	**Weather:** COLD, DRY **Screen:**
Measurement Point Description: TOC NORTH	**Pump Intake:** 20'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.64	23.61	16.97	—	2.72	8.15	—	—

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

Field Equipment: Horiba, 2 stage
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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1134	NA	0	—	NA	7.05	16.7	OVER	0.230	8.69	-116	MURKY
1142	↓	3	0.38	↓	7.01	17.9	OVER	0.230	9.11	-124	MURKY
1150		6	0.38		6.98	18.3	OVER	0.221	8.45	-129	BLACK
1158	↓	9	0.38	↓	7.00	18.0	OVER	0.224	9.01	-138	MURKY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1134	1158	0.38	9.0	3.30	10.03	10.00	1205	MW-7d

Notes:

ft-bmp = feet below measuring point

71,000.

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-6d	**Weather:** Cold, Day **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 26'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.37	29.15	21.78	—	3.48	10.45	—	—

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 (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1216	NA	0	—	NA	7.17	18.2	604	0.226	6.78	-107	cloudy
1219	↓	3	1.0	↓	7.14	19.1	OVER	0.240	6.61	-115	Murky
1221		6	1.5		7.10	19.1	OVER	0.242	6.71	-118	↓
1224		9	1.0		7.09	19.1	OVER	0.243	6.78	-121	
1227	↓	12	1.0	↓	7.09	19.2	OVER	0.245	6.77	-124	

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
1216	1227	1.09	12.0	3.45	11.73	8.50	1232	MW-6d

Notes: Not accessable at this time - tank work

ft-bmp = feet below measuring point

APPENDIX C

CERTIFICATE OF DISPOSAL

IWM, Inc.

INTEGRATED WASTESTREAM MANAGEMENT, INC.
[illegible] CONCOURSE DRIVE, SAN JOSE, CA 95131
[illegible] 408.433.1050 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 #:	96554-DW
Description of Waste:	4 Drums of Non-Hazardous Water
Removal Date:	01/04/06
Ticket #:	SP040106-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 William T. DeLon
Authorized Representative (Print Name and Signature)

01/04/06
Date

APPENDIX D

LABORATORY REPORT

11 December 2006

Michael Schenone
Tait -- 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 12/07/06 10:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Maria Bonifacio
Project Coordinator

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4s	T601676-01	Water	12/04/06 13:25	12/07/06 10:30
MW-4d	T601676-02	Water	12/04/06 13:55	12/07/06 10:30
MW-7s	T601676-03	Water	12/04/06 14:40	12/07/06 10:30
MW-8	T601676-04	Water	12/04/06 15:05	12/07/06 10:30
MW-11LF	T601676-05	Water	12/04/06 15:35	12/07/06 10:30
MW-12d	T601676-06	Water	12/04/06 16:30	12/07/06 10:30
MW-5s	T601676-07	Water	12/04/06 16:51	12/07/06 10:30
MW-12s	T601676-08	Water	12/05/06 09:20	12/07/06 10:30
MW-12LF	T601676-09	Water	12/05/06 09:59	12/07/06 10:30
MW-5d	T601676-10	Water	12/05/06 10:47	12/07/06 10:30
MW-3	T601676-11	Water	12/05/06 11:17	12/07/06 10:30
MW-10s	T601676-12	Water	12/05/06 11:52	12/07/06 10:30
MW-2d	T601676-13	Water	12/05/06 12:39	12/07/06 10:30
MW-2m	T601676-14	Water	12/05/06 13:09	12/07/06 10:30
MW-9s	T601676-15	Water	12/05/06 13:37	12/07/06 10:30
MW-6s	T601676-16	Water	12/05/06 14:20	12/07/06 10:30
MW-10LF	T601676-17	Water	12/05/06 14:49	12/07/06 10:30
MW-1	T601676-18	Water	12/05/06 15:24	12/07/06 10:30
MW-9LF	T601676-19	Water	12/05/06 16:32	12/07/06 10:30
MW-2s	T601676-20	Water	12/05/06 16:44	12/07/06 10:30
MW-11s	T601676-21	Water	12/06/06 09:39	12/07/06 10:30
MW-10d	T601676-22	Water	12/06/06 10:06	12/07/06 10:30
MW-11d	T601676-23	Water	12/06/06 10:45	12/07/06 10:30
MW-9d	T601676-24	Water	12/06/06 11:20	12/07/06 10:30
MW-7d	T601676-25	Water	12/06/06 12:05	12/07/06 10:30
MW-6d	T601676-26	Water	12/06/06 12:32	12/07/06 10:30

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Purgeable Petroleum Hydrocarbons by EPA 8015m

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4s (T601676-01) Water Sampled: 12/04/06 13:25 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
MW-4d (T601676-02) Water Sampled: 12/04/06 13:55 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*84.6 %*	*65-135*		"	"	"	"	
MW-7s (T601676-03) Water Sampled: 12/04/06 14:40 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*112 %*	*65-135*		"	"	"	"	
MW-8 (T601676-04) Water Sampled: 12/04/06 15:05 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*108 %*	*65-135*		"	"	"	"	
MW-11LF (T601676-05) Water Sampled: 12/04/06 15:35 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*112 %*	*65-135*		"	"	"	"	
MW-12d (T601676-06) Water Sampled: 12/04/06 16:30 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*109 %*	*65-135*		"	"	"	"	
MW-5s (T601676-07) Water Sampled: 12/04/06 16:51 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Purgeable Petroleum Hydrocarbons by EPA 8015m

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12s (T601676-08) Water Sampled: 12/05/06 09:20 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*115 %*	*65-135*		"	"	"	"	
MW-12LF (T601676-09) Water Sampled: 12/05/06 09:59 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*112 %*	*65-135*		"	"	"	"	
MW-5d (T601676-10) Water Sampled: 12/05/06 10:47 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*65-135*		"	"	"	"	
MW-3 (T601676-11) Water Sampled: 12/05/06 11:17 Received: 12/07/06 10:30									
C6-C12 (GRO)	**82**	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*111 %*	*65-135*		"	"	"	"	
MW-10s (T601676-12) Water Sampled: 12/05/06 11:52 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
MW-2d (T601676-13) Water Sampled: 12/05/06 12:39 Received: 12/07/06 10:30									
C6-C12 (GRO)	**150**	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*108 %*	*65-135*		"	"	"	"	
MW-2m (T601676-14) Water Sampled: 12/05/06 13:09 Received: 12/07/06 10:30									
C6-C12 (GRO)	**340**	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Purgeable Petroleum Hydrocarbons by EPA 8015m

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9s (T601676-15) Water Sampled: 12/05/06 13:37 Received: 12/07/06 10:30									
C6-C12 (GRO)	**190**	50	ug/l	1	6120705	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*65-135*		"	"	"	"	
MW-6s (T601676-16) Water Sampled: 12/05/06 14:20 Received: 12/07/06 10:30									
C6-C12 (GRO)	**1000**	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
MW-10LF (T601676-17) Water Sampled: 12/05/06 14:49 Received: 12/07/06 10:30									
C6-C12 (GRO)	**610**	50	ug/l	1	6120705	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*110 %*	*65-135*		"	"	"	"	
MW-1 (T601676-18) Water Sampled: 12/05/06 15:24 Received: 12/07/06 10:30									
C6-C12 (GRO)	**1200**	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*110 %*	*65-135*		"	"	"	"	
MW-9LF (T601676-19) Water Sampled: 12/05/06 16:32 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
MW-2s (T601676-20) Water Sampled: 12/05/06 16:44 Received: 12/07/06 10:30									
C6-C12 (GRO)	ND	50	ug/l	1	6120705	12/07/06	12/07/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	
MW-11s (T601676-21) Water Sampled: 12/06/06 09:39 Received: 12/07/06 10:30									
C6-C12 (GRO)	**130**	50	ug/l	1	6120706	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*65-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Purgeable Petroleum Hydrocarbons by EPA 8015m

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10d (T601676-22) Water Sampled: 12/06/06 10:06 Received: 12/07/06 10:30									
C6-C12 (GRO)	**1600**	50	ug/l	1	6120706	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*108 %*	*65-135*		"	"	"	"	
MW-11d (T601676-23) Water Sampled: 12/06/06 10:45 Received: 12/07/06 10:30									
C6-C12 (GRO)	**2100**	500	ug/l	10	6120706	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
MW-9d (T601676-24) Water Sampled: 12/06/06 11:20 Received: 12/07/06 10:30									
C6-C12 (GRO)	**170000**	5000	ug/l	100	6120706	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*115 %*	*65-135*		"	"	"	"	
MW-7d (T601676-25) Water Sampled: 12/06/06 12:05 Received: 12/07/06 10:30									
C6-C12 (GRO)	**58000**	500	ug/l	10	6120706	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
MW-6d (T601676-26) Water Sampled: 12/06/06 12:32 Received: 12/07/06 10:30									
C6-C12 (GRO)	**500**	50	ug/l	1	6120706	12/07/06	12/08/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Extractable Petroleum Hydrocarbons by 8015

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4s (T601676-01) Water Sampled: 12/04/06 13:25 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*112 %*	*65-135*		"	"	"	"	
MW-4d (T601676-02) Water Sampled: 12/04/06 13:55 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*114 %*	*65-135*		"	"	"	"	
MW-7s (T601676-03) Water Sampled: 12/04/06 14:40 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*93.2 %*	*65-135*		"	"	"	"	
MW-8 (T601676-04) Water Sampled: 12/04/06 15:05 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*116 %*	*65-135*		"	"	"	"	
MW-11LF (T601676-05) Water Sampled: 12/04/06 15:35 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*121 %*	*65-135*		"	"	"	"	
MW-12d (T601676-06) Water Sampled: 12/04/06 16:30 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*96.8 %*	*65-135*		"	"	"	"	
MW-5s (T601676-07) Water Sampled: 12/04/06 16:51 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**1.2**	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*119 %*	*65-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Extractable Petroleum Hydrocarbons by 8015

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12s (T601676-08) Water Sampled: 12/05/06 09:20 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**0.13**	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*115 %*	*65-135*		"	"	"	"	
MW-12LF (T601676-09) Water Sampled: 12/05/06 09:59 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*114 %*	*65-135*		"	"	"	"	
MW-5d (T601676-10) Water Sampled: 12/05/06 10:47 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*111 %*	*65-135*		"	"	"	"	
MW-3 (T601676-11) Water Sampled: 12/05/06 11:17 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*112 %*	*65-135*		"	"	"	"	
MW-10s (T601676-12) Water Sampled: 12/05/06 11:52 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*114 %*	*65-135*		"	"	"	"	
MW-2d (T601676-13) Water Sampled: 12/05/06 12:39 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**3.0**	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*94.0 %*	*65-135*		"	"	"	"	
MW-2m (T601676-14) Water Sampled: 12/05/06 13:09 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**6.1**	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*117 %*	*65-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Extractable Petroleum Hydrocarbons by 8015

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9s (T601676-15) Water Sampled: 12/05/06 13:37 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*115 %*	*65-135*		"	"	"	"	
MW-6s (T601676-16) Water Sampled: 12/05/06 14:20 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**2.6**	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*95.8 %*	*65-135*		"	"	"	"	
MW-10LF (T601676-17) Water Sampled: 12/05/06 14:49 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**0.19**	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*114 %*	*65-135*		"	"	"	"	
MW-1 (T601676-18) Water Sampled: 12/05/06 15:24 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*105 %*	*65-135*		"	"	"	"	
MW-9LF (T601676-19) Water Sampled: 12/05/06 16:32 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**0.29**	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*116 %*	*65-135*		"	"	"	"	
MW-2s (T601676-20) Water Sampled: 12/05/06 16:44 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**18**	0.050	mg/l	1	6120707	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*106 %*	*65-135*		"	"	"	"	
MW-11s (T601676-21) Water Sampled: 12/06/06 09:39 Received: 12/07/06 10:30									
Diesel Range Hydrocarbons	**1.7**	0.050	mg/l	1	6120708	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*90.5 %*	*65-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Extractable Petroleum Hydrocarbons by 8015

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10d (T601676-22) Water	**Sampled: 12/06/06 10:06**	**Received: 12/07/06 10:30**							
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6120708	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*93.8 %*	*65-135*		"	"	"	"	
MW-11d (T601676-23) Water	**Sampled: 12/06/06 10:45**	**Received: 12/07/06 10:30**							
Diesel Range Hydrocarbons	**190**	0.050	mg/l	1	6120708	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*108 %*	*65-135*		"	"	"	"	
MW-9d (T601676-24) Water	**Sampled: 12/06/06 11:20**	**Received: 12/07/06 10:30**							
Diesel Range Hydrocarbons	**9.1**	0.050	mg/l	1	6120708	12/07/06	12/08/06	EPA 8015m	D-08
Surrogate: Chrysene		*85.0 %*	*65-135*		"	"	"	"	
MW-7d (T601676-25) Water	**Sampled: 12/06/06 12:05**	**Received: 12/07/06 10:30**							
Diesel Range Hydrocarbons	**12**	0.050	mg/l	1	6120708	12/07/06	12/08/06	EPA 8015m	D-08
Surrogate: Chrysene		*109 %*	*65-135*		"	"	"	"	
MW-6d (T601676-26) Water	**Sampled: 12/06/06 12:32**	**Received: 12/07/06 10:30**							
Diesel Range Hydrocarbons	**1.3**	0.050	mg/l	1	6120708	12/07/06	12/08/06	EPA 8015m	
Surrogate: Chrysene		*111 %*	*65-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4s (T601676-01) Water Sampled: 12/04/06 13:25 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*	*78.6-135*		"	"	"	"	
MW-4d (T601676-02) Water Sampled: 12/04/06 13:55 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*78.6-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7s (T601676-03) Water Sampled: 12/04/06 14:40 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*78.6-135*		"	"	"	"	
MW-8 (T601676-04) Water Sampled: 12/04/06 15:05 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*78.6-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11LF (T601676-05) Water Sampled: 12/04/06 15:35 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**240**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*78.6-135*		"	"	"	"	
MW-12d (T601676-06) Water Sampled: 12/04/06 16:30 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*117 %*	*78.6-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5s (T601676-07) Water Sampled: 12/04/06 16:51 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**5.8**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*78.6-135*		"	"	"	"	
MW-12s (T601676-08) Water Sampled: 12/05/06 09:20 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**210**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*119 %*	*78.6-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12LF (T601676-09) Water Sampled: 12/05/06 09:59 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*119 %*	*78.6-135*		"	"	"	"	
MW-5d (T601676-10) Water Sampled: 12/05/06 10:47 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.9**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (T601676-11) Water Sampled: 12/05/06 11:17 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**39**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*78.6-135*		"	"	"	"	
MW-10s (T601676-12) Water Sampled: 12/05/06 11:52 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*119 %*	*78.6-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2d (T601676-13) Water Sampled: 12/05/06 12:39 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**37**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*113 %*	*78.6-135*		"	"	"	"	
MW-2m (T601676-14) Water Sampled: 12/05/06 13:09 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**37**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*126 %*	*78.6-135*		"	"	"	"	

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Maria Bonifacio, Project Coordinator

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9s (T601676-15) Water Sampled: 12/05/06 13:37 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.76**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*78.6-135*		"	"	"	"	
MW-6s (T601676-16) Water Sampled: 12/05/06 14:20 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.2**	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	**110**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*	*78.6-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10LF (T601676-17) Water Sampled: 12/05/06 14:49 Received: 12/07/06 10:30									
Benzene	**0.50**	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	**0.56**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.5**	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	**3.7**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*78.6-135*		"	"	"	"	
MW-1 (T601676-18) Water Sampled: 12/05/06 15:24 Received: 12/07/06 10:30									
Benzene	**1.4**	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.5**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*78.6-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9LF (T601676-19) Water Sampled: 12/05/06 16:32 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**31**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*78.6-135*		"	"	"	"	
MW-2s (T601676-20) Water Sampled: 12/05/06 16:44 Received: 12/07/06 10:30									
Benzene	ND	0.50	ug/l	1	6120703	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**38**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*113 %*	*78.6-135*		"	"	"	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11s (T601676-21) Water Sampled: 12/06/06 09:39 Received: 12/07/06 10:30									
Benzene	**0.71**	0.50	ug/l	1	6120704	12/07/06	12/07/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.64**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	**0.51**	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	**11**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*92.5 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*78.6-135*		"	"	"	"	
MW-10d (T601676-22) Water Sampled: 12/06/06 10:06 Received: 12/07/06 10:30									
Benzene	**2.5**	0.50	ug/l	1	6120704	12/07/06	12/07/06	EPA 8260B	
Toluene	**0.96**	0.50	"	"	"	"	"	"	
Ethylbenzene	**28**	0.50	"	"	"	"	"	"	
m,p-Xylene	**4.0**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.2 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*	*78.6-135*		"	"	"	"	

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

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11d (T601676-23) Water Sampled: 12/06/06 10:45 Received: 12/07/06 10:30									
Benzene	**15**	0.50	ug/l	1	6120704	12/07/06	12/07/06	EPA 8260B	
Toluene	**23**	0.50	"	"	"	"	"	"	
Ethylbenzene	**29**	0.50	"	"	"	"	"	"	
m,p-Xylene	**52**	1.0	"	"	"	"	"	"	
o-Xylene	**49**	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	**19**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*88.2 %*	*88.8-117*		"	"	"	"	*S-GC*
Surrogate: 4-Bromofluorobenzene		*86.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*78.6-135*		"	"	"	"	
MW-9d (T601676-24) Water Sampled: 12/06/06 11:20 Received: 12/07/06 10:30									
Benzene	**1800**	2.5	ug/l	5	6120704	12/07/06	12/08/06	EPA 8260B	
Toluene	**6700**	25	"	50	"	"	12/08/06	"	
Ethylbenzene	**3400**	25	"	"	"	"	"	"	
m,p-Xylene	**4400**	5.0	"	5	"	"	12/08/06	"	
o-Xylene	**3000**	25	"	50	"	"	12/08/06	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	12/07/06	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.5 %*	*88.8-117*		"	"	*12/08/06*	"	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*85.8 %*	*78.6-135*		"	"	*12/07/06*	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	12/11/06 16:10

Volatile Organic Compounds by EPA Method 8260B

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7d (T601676-25) Water Sampled: 12/06/06 12:05 Received: 12/07/06 10:30									
Benzene	**160**	0.50	ug/l	1	6120704	12/07/06	12/07/06	EPA 8260B	
Toluene	**1300**	2.5	"	5	"	"	12/08/06	"	
Ethylbenzene	**3900**	25	"	50	"	"	12/08/06	"	
m,p-Xylene	**4300**	5.0	"	5	"	"	12/08/06	"	
o-Xylene	**1500**	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	12/07/06	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.2 %*	*88.8-117*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		*"*	*"*	*12/08/06*	*"*	
Surrogate: Dibromofluoromethane		*83.5 %*	*78.6-135*		*"*	*"*	*12/07/06*	*"*	
MW-6d (T601676-26) Water Sampled: 12/06/06 12:32 Received: 12/07/06 10:30									
Benzene	**0.98**	0.50	ug/l	1	6120704	12/07/06	12/07/06	EPA 8260B	
Toluene	**8.1**	0.50	"	"	"	"	"	"	
Ethylbenzene	**16**	0.50	"	"	"	"	"	"	
m,p-Xylene	**31**	1.0	"	"	"	"	"	"	
o-Xylene	**7.8**	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	**59**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.5 %*	*88.8-117*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*83.5-119*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*90.2 %*	*78.6-135*		*"*	*"*	*"*	*"*	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120705 - EPA 5030 GC										
Blank (6120705-BLK1)				Prepared & Analyzed: 12/07/06						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*65-135*			
LCS (6120705-BS1)				Prepared: 12/07/06 Analyzed: 12/08/06						
C6-C12 (GRO)	8710	50	ug/l	11000		79.2	75-125			
Surrogate: 4-Bromofluorobenzene	*54.8*		*"*	*50.0*		*110*	*65-135*			
Matrix Spike (6120705-MS1)	**Source: T601676-04**			Prepared: 12/07/06 Analyzed: 12/08/06						
C6-C12 (GRO)	8850	50	ug/l	11000	ND	80.5	65-135			
Surrogate: 4-Bromofluorobenzene	*55.8*		*"*	*50.0*		*112*	*65-135*			
Matrix Spike Dup (6120705-MSD1)	**Source: T601676-04**			Prepared: 12/07/06 Analyzed: 12/08/06						
C6-C12 (GRO)	9350	50	ug/l	11000	ND	85.0	65-135	5.49	20	
Surrogate: 4-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*65-135*			
Batch 6120706 - EPA 5030 GC										
Blank (6120706-BLK1)				Prepared: 12/07/06 Analyzed: 12/08/06						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*65-135*			
LCS (6120706-BS1)				Prepared: 12/07/06 Analyzed: 12/08/06						
C6-C12 (GRO)	9870	50	ug/l	11000		89.7	75-125			
Surrogate: 4-Bromofluorobenzene	*53.8*		*"*	*50.0*		*108*	*65-135*			
Matrix Spike (6120706-MS1)	**Source: T601676-21**			Prepared: 12/07/06 Analyzed: 12/08/06						
C6-C12 (GRO)	9460	50	ug/l	11000	130	84.8	65-135			
Surrogate: 4-Bromofluorobenzene	*53.7*		*"*	*50.0*		*107*	*65-135*			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120706 - EPA 5030 GC										
Matrix Spike Dup (6120706-MSD1)	**Source: T601676-21**			Prepared: 12/07/06	Analyzed: 12/08/06					
C6-C12 (GRO)	9600	50	ug/l	11000	130	86.1	65-135	1.47	20	
Surrogate: 4-Bromofluorobenzene	*56.0*		*"*	*50.0*		*112*	*65-135*			

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120707 - EPA 3510C GC										
Blank (6120707-BLK1)				Prepared: 12/07/06 Analyzed: 12/08/06						
Diesel Range Hydrocarbons	ND	0.050	mg/l							
Surrogate: Chrysene	*4.31*		*"*	*4.00*		*108*	*65-135*			
LCS (6120707-BS1)				Prepared: 12/07/06 Analyzed: 12/08/06						
Diesel Range Hydrocarbons	19.8	0.050	mg/l	20.0		99.0	75-125			
Surrogate: Chrysene	*3.93*		*"*	*4.00*		*98.2*	*65-135*			
Matrix Spike (6120707-MS1)	**Source: T601676-01**			Prepared: 12/07/06 Analyzed: 12/08/06						
Diesel Range Hydrocarbons	21.8	0.050	mg/l	20.0	ND	109	75-125			
Surrogate: Chrysene	*4.37*		*"*	*4.00*		*109*	*65-135*			
Matrix Spike Dup (6120707-MSD1)	**Source: T601676-01**			Prepared: 12/07/06 Analyzed: 12/08/06						
Diesel Range Hydrocarbons	22.1	0.050	mg/l	20.0	ND	110	75-125	1.37	20	
Surrogate: Chrysene	*4.67*		*"*	*4.00*		*117*	*65-135*			
Batch 6120708 - EPA 3510C GC										
Blank (6120708-BLK1)				Prepared: 12/07/06 Analyzed: 12/08/06						
Diesel Range Hydrocarbons	ND	0.050	mg/l							
Surrogate: Chrysene	*4.20*		*"*	*4.00*		*105*	*65-135*			
LCS (6120708-BS1)				Prepared: 12/07/06 Analyzed: 12/08/06						
Diesel Range Hydrocarbons	22.7	0.050	mg/l	20.0		114	75-125			
Surrogate: Chrysene	*4.33*		*"*	*4.00*		*108*	*65-135*			
Matrix Spike (6120708-MS1)	**Source: T601676-21**			Prepared: 12/07/06 Analyzed: 12/08/06						
Diesel Range Hydrocarbons	22.7	0.050	mg/l	20.0	1.7	105	75-125			
Surrogate: Chrysene	*4.40*		*"*	*4.00*		*110*	*65-135*			

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120708 - EPA 3510C GC										
Matrix Spike Dup (6120708-MSD1)	**Source: T601676-21**			Prepared: 12/07/06	Analyzed: 12/08/06					
Diesel Range Hydrocarbons	19.0	0.050	mg/l	20.0	1.7	86.5	75-125	17.7	20	
Surrogate: Chrysene	*3.31*		*"*	*4.00*		*82.8*	*65-135*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120703 - EPA 5030 GCMS										
Blank (6120703-BLK1)				Prepared & Analyzed: 12/07/06						
Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Surrogate: Toluene-d8	*40.1*		*"*	*40.0*		*100*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*36.6*		*"*	*40.0*		*91.5*	*83.5-119*			
Surrogate: Dibromofluoromethane	*46.6*		*"*	*40.0*		*116*	*78.6-135*			
LCS (6120703-BS1)				Prepared & Analyzed: 12/07/06						
Benzene	104	0.50	ug/l	100		104	75-125			
Toluene	98.9	0.50	"	100		98.9	75-125			
Surrogate: Toluene-d8	*40.3*		*"*	*40.0*		*101*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*36.7*		*"*	*40.0*		*91.8*	*83.5-119*			
Surrogate: Dibromofluoromethane	*44.1*		*"*	*40.0*		*110*	*78.6-135*			
Matrix Spike (6120703-MS1)	**Source: T601676-04**			Prepared & Analyzed: 12/07/06						
Benzene	102	0.50	ug/l	100	ND	102	75-125			
Toluene	99.6	0.50	"	100	ND	99.6	75-125			
Surrogate: Toluene-d8	*40.3*		*"*	*40.0*		*101*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*36.2*		*"*	*40.0*		*90.5*	*83.5-119*			
Surrogate: Dibromofluoromethane	*43.4*		*"*	*40.0*		*108*	*78.6-135*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120703 - EPA 5030 GCMS										
Matrix Spike Dup (6120703-MSD1)	**Source: T601676-04**			Prepared & Analyzed: 12/07/06						
Benzene	104	0.50	ug/l	100	ND	104	75-125	1.94	20	
Toluene	99.4	0.50	"	100	ND	99.4	75-125	0.201	20	
Surrogate: Toluene-d8	*40.2*		*"*	*40.0*		*100*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*36.1*		*"*	*40.0*		*90.2*	*83.5-119*			
Surrogate: Dibromofluoromethane	*44.1*		*"*	*40.0*		*110*	*78.6-135*			
Batch 6120704 - EPA 5030 GCMS										
Blank (6120704-BLK1)				Prepared & Analyzed: 12/07/06						
Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Surrogate: Toluene-d8	*36.3*		*"*	*40.0*		*90.8*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*44.4*		*"*	*40.0*		*111*	*83.5-119*			
Surrogate: Dibromofluoromethane	*42.8*		*"*	*40.0*		*107*	*78.6-135*			
LCS (6120704-BS1)				Prepared & Analyzed: 12/07/06						
Benzene	96.0	0.50	ug/l	100		96.0	75-125			
Toluene	94.8	0.50	"	100		94.8	75-125			
Surrogate: Toluene-d8	*40.1*		*"*	*40.0*		*100*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*44.8*		*"*	*40.0*		*112*	*83.5-119*			
Surrogate: Dibromofluoromethane	*34.9*		*"*	*40.0*		*87.2*	*78.6-135*			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120704 - EPA 5030 GCMS										
Matrix Spike (6120704-MS1)	**Source: T601676-21**			Prepared & Analyzed: 12/07/06						
Benzene	111	0.50	ug/l	100	0.71	110	75-125			
Toluene	107	0.50	"	100	ND	107	75-125			
Surrogate: Toluene-d8	*41.5*		*"*	*40.0*		*104*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*44.4*		*"*	*40.0*		*111*	*83.5-119*			
Surrogate: Dibromofluoromethane	*38.0*		*"*	*40.0*		*95.0*	*78.6-135*			
Matrix Spike Dup (6120704-MSD1)	**Source: T601676-21**			Prepared & Analyzed: 12/07/06						
Benzene	113	0.50	ug/l	100	0.71	112	75-125	1.79	20	
Toluene	108	0.50	"	100	ND	108	75-125	0.930	20	
Surrogate: Toluene-d8	*41.4*		*"*	*40.0*		*104*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*43.7*		*"*	*40.0*		*109*	*83.5-119*			
Surrogate: Dibromofluoromethane	*38.8*		*"*	*40.0*		*97.0*	*78.6-135*			

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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
1-800-781-6777

Chain of Custody Record

Client: Tait Environmental Management, Inc
Address: 11280 Trade Center Dr. Rancho Cordova, CA
Phone (916) 764-1239 Fax: (858) 1011
Project Manager: Mike Schenone

Date: _____ Page: 1 Of 2
Project Name: Mission Valley Rock
Collector: M. Schenone Client Project #: EM5009C
Batch #: T601676 Proposal #: _____

Sample ID	Date Sampled	Time	Sample Type	Container Type	EPA 8010	EPA 8020	EPA 8260 BTEX, OXY ONLY	EPA 8270	EPA 418.1	EPA 8015M (gasoline)	EPA 8015M (diesel)	EPA 6010/7000 RCRA (8) Metals	EPA 6010/7000 Title 22 Metals				Laboratory ID #	Preservative	Comments	Total # of containers
MW-4S	12-4-06	1325	GRAB	VOA			X			X	X						01	HCL		5
MW-4d		1355					X			X	X						02			
MW-7S		1440					X			X	X						03			
MW-8		1505					X			X	X						04			
MW-11LF		1535					X			X	X						05			
MW-12d		1630					X			X	X						06			
MW-5S		1651					X			X	X						07			
MW-12S	12-5-06	0920					X			X	X						08		STD. TAT	
MW-12LF		0959					X			X	X						09			
MW-5d		1047					X			X	X						10			
MW-3		1117					X			X	X						11			
MW-10S		1152					X			X	X						12			
MW-2d		1239					X			X	X						13			
MW-2M		1309					X			X	X						14			
MW-9S		1337					X			X	X						15			

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Michael Schenone	12-6-06 5:11	Bill Hyne	12/6/06 5:11 PM
GSD		Albert Vargas	12-7-06 10:30
			~~10:30~~ AM

Total # of containers: 75
Chain of Custody seals Y/N/NA: _____
Seals intact? Y/N/NA: _____
Received good condition/cold: 6°

Notes: Provide EDF #T0600102092

Turn around time: STANDARD 10-day

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

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
1-800-781-6777

Chain of Custody Record

Client: Tait Environmental Management, Inc
Address: 11280 Trade Center Drive, Rancho Cordova
Phone (916) 764-1239 Fax (916) 858-1011
Project Manager: Mike Schenone

Date: Page: 2 Of 2
Project Name: Mission Valley Rock
Collector: M. Schenone Client Project #: EM5009C
Batch #: T601076 Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	EPA 8010	EPA 8020	EPA 8260 BTEX, OXY ONLY	EPA 8270	EPA 418.1	EPA 8015M (gasoline)	EPA 8015M (diesel)	EPA 6010/7000 RCRA (8) Metals	EPA 6010/7000 Title 22 Metals				Laboratory ID #	Preservative	Comments	Total # of containers
MW-6S	12-5-06	1420	GRAB	VOA			X			X	X						16	HCl		5
MW-10LF		1449					X			X	X						17			
MW-1		1524					X			X	X						18			
MW-9LF		1632					X			X	X						19			
MW-2S		1644					X			X	X						20			
MW-11S	12-6-06	0939					X			X	X						21			
MW-10d		10016					X			X	X						22			
MW-11d		1045					X			X	X						23			
MW-9d		1120					X			X	X						24			
MW-7d		1205					X			X	X						25			
MW-6d		1232					X			X	X						26			

STD. TAT
Albert Vargas

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Michael Schenone	12-6-06 5:11	Bill Reed	12.6.06 5:11
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
GSO		Albert Vargas	12-7-06 10:30
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: .6°

Notes
Provide EDF
T0600102092

Turn around time: STANDARD
10-day

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