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

November 3, 2006

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: THIRD 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 *Third 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.

Third Quarter 2006
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared by:
Tait Environmental Management, Inc.

November 3, 2006

November 3, 2006

Third 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:

Michael Schenone
Project Scientist

Reviewed by:

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

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

Project No. EM-5009C

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C. Certificate of Disposal
D. Laboratory Report

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

1.0 INTRODUCTION

This report summarizes the Third 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 Third 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 newly installed wells 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 and current groundwater analytical data 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 Third Quarter 2006 groundwater monitoring data, the overall depth to groundwater at the site ranged from 3.90 feet bgs in well MW-4S to 10.69 feet bgs in well MW-12LF. In general, groundwater levels have declined three to five feet in most wells relative to the Second Quarter 2006 monitoring event.

Groundwater in the shallow-zone wells is generally flowing in an southeasterly direction at an approximate gradient of 0.009 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 an easterly to east-southeasterly direction at a gradient of approximately 0.012 ft/ft (Figure 4). Groundwater in the Livermore Formation is flowing in an easterly direction at a gradient of approximately to 0.006 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 September 05, 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 Third 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 September 05, 06, and 07, 2006, the groundwater monitoring wells were sampled using a Waterra inertial pump as part of the Third Quarter 2006 groundwater monitoring and sampling event. 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 175 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 September 15, 2006. The Certificate of Disposal is contained in Appendix C.

6.0 LABORATORY ANALYSES

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

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

- Benzene, toluene, ethylbenzene, total xylenes (BTEX); 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 5, 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.

Third 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 are three to four feet lower this quarter relative to the corresponding Second Quarter 2006 groundwater levels. The groundwater flow direction in all groundwater zones (shallow, deep, and Livermore Formation) is generally easterly to east-southeasterly at gradients ranging from 0.006 to 0.012 ft/ft.

- 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 210,000 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 71,000 µg/L was detected in well MW-7D. Highest concentrations of TPHg appear to be localized in the deep-zone wells in the north-central part of the area, particularly in the north 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 200 µg/L was detected in well MW-6S. 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 wells MW-7 and MW-9 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.

- 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.

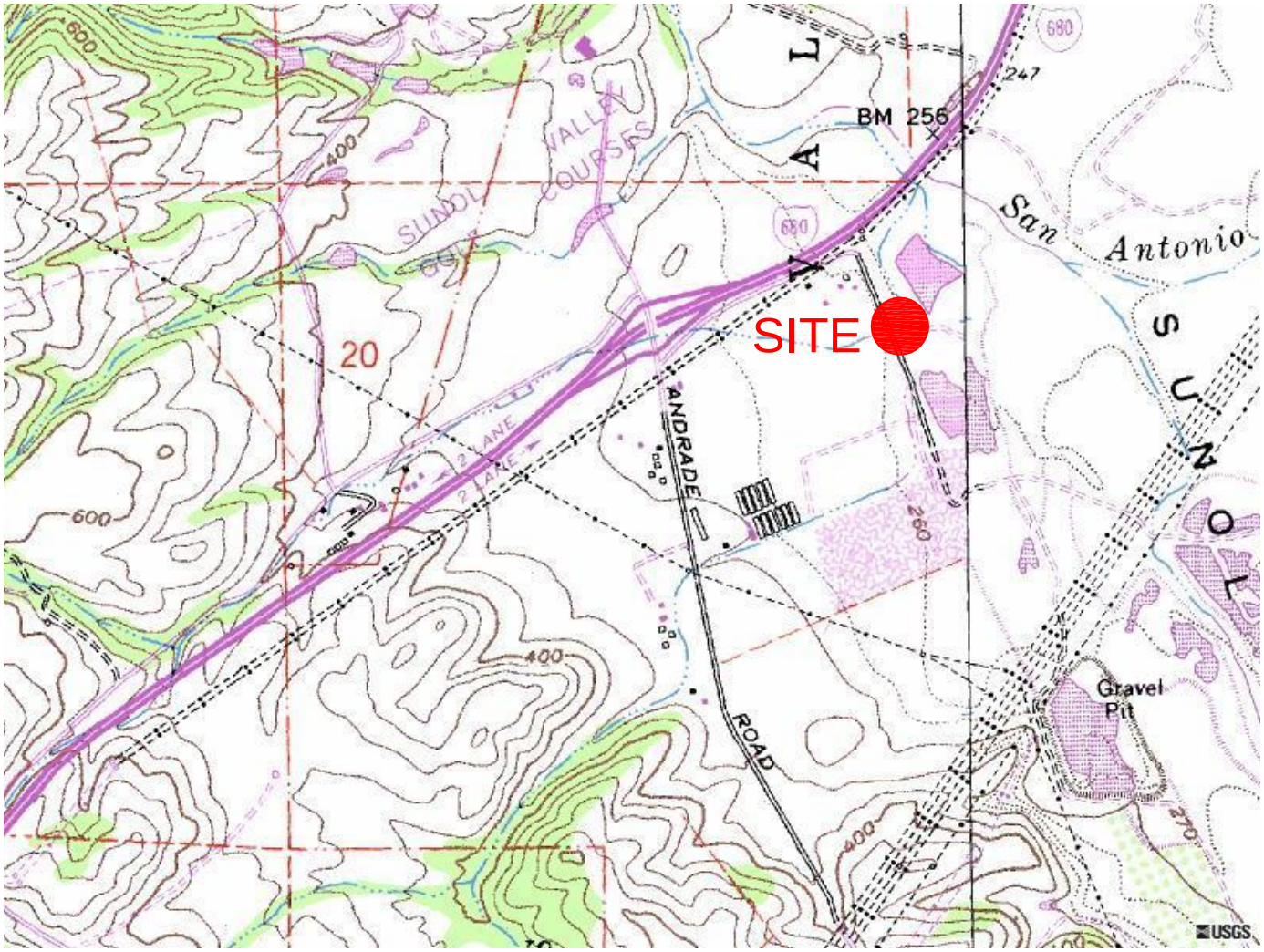
U.S. Geological Survey (USGS), 1989, *Fremont 7.5 Minute Topographic Quadrangle Map*, 1:24,000.

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.

M:\TEM\TEM 2006\Clients-TEM\Mission Valley Rock Company\Qtly GW Monitoring\GW Monitoring 3rd Qtr 2006\MVR 3rd Qtr Report 2006.doc

FIGURES



NORTH

0 2000

1" = 2000'

NOTES:

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

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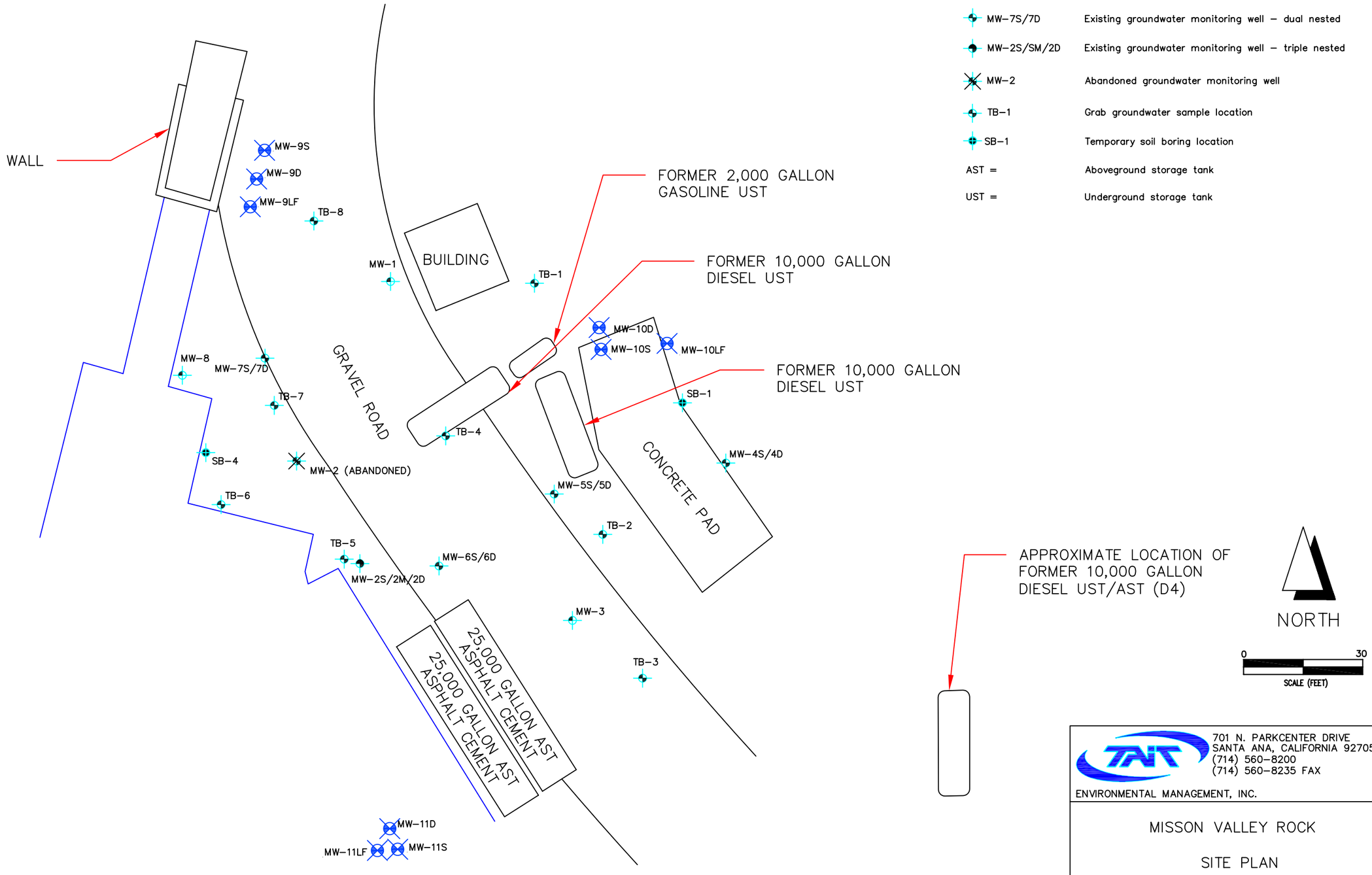
SITE VICINITY MAP

MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009A

FIGURE 1



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank

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MISSON VALLEY ROCK

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

257.83 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL

–252.00– GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL

WALL

252.49

MW–9S

MW–9D

MW–9LF

TB–8

MW–1

252.55

BUILDING

TB–1

FORMER 2,000 GALLON GASOLINE UST

FORMER 10,000 GALLON DIESEL UST

FORMER 10,000 GALLON DIESEL UST

MW–10D

MW–10S

MW–10LF

255.05

SB–1

252.54

MW–8

MW–7S/7D

252.39

TB–7

GRAVEL ROAD

TB–4

CONCRETE PAD

255.24

MW–4S/4D

SB–4

MW–2 (ABANDONED)

MW–5S/5D

252.41

TB–6

TB–2

GW FLOW DIRECTION

APPROX. GRADIENT=0.015

255.0

254.5

254.0

253.5

253.0

252.5

252.0

251.5

TB–5

251.83

MW–6S/6D

251.81

MW–2S/2M/2D

MW–3

251.11

TB–3

25,000 GALLON AST ASPHALT CEMENT

25,000 GALLON AST ASPHALT CEMENT

GW FLOW DIRECTION

APPROX. GRADIENT=0.009

MW–12LF

MW–12D

MW–12S

252.18

MW–11D

MW–11LF

MW–11S

251.27

252.0

251.5

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

NORTH

0 30

SCALE (FEET)

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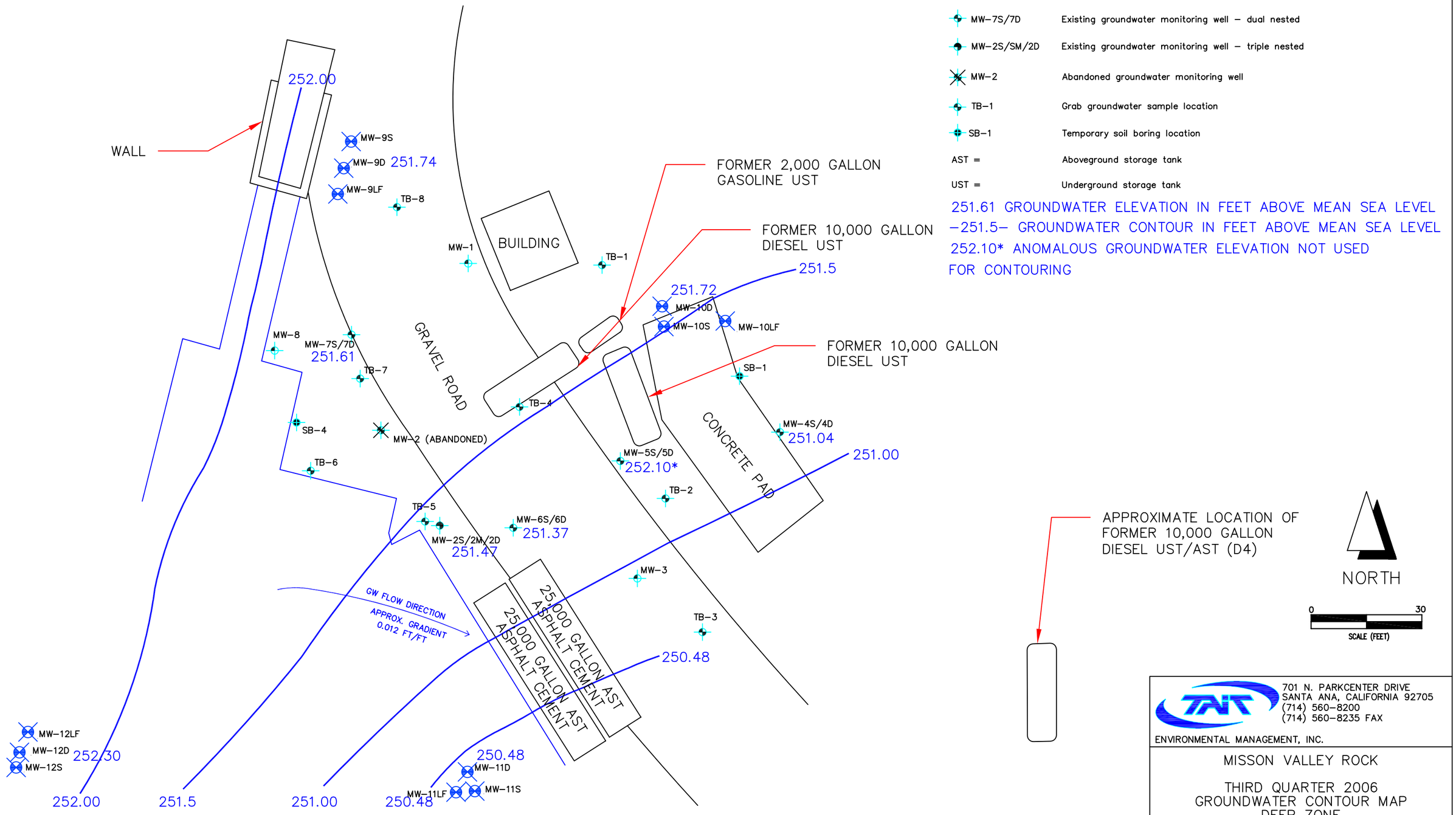
THIRD QUARTER 2006 GROUNDWATER CONTOUR MAP (SHALLOW ZONE)

PROJECT NO. EM–5009C

FIGURE 3



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MISSON VALLEY ROCK

THIRD QUARTER 2006 GROUNDWATER CONTOUR MAP DEEP ZONE

PROJECT NO. EM-5009C

FIGURE 4

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

252.21 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL

–251.5– GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL

WALL

251.5

MW–9S

MW–9D

MW–9LF

251.57

TB–8

BUILDING

MW–1

TB–1

251.0

FORMER 2,000 GALLON GASOLINE UST

FORMER 10,000 GALLON DIESEL UST

MW–10D

MW–10S

250.93

MW–10LF

FORMER 10,000 GALLON DIESEL UST

252.00

MW–8

MW–7S/7D

TB–7

GRAVEL ROAD

SB–1

TB–4

MW–4S/4D

SB–4

MW–2 (ABANDONED)

CONCRETE PAD

MW–5S/5D

GW FLOW DIRECTION

APPROX. GRADIENT= 0.006 FT/FT

TB–6

TB–2

TB–5

MW–6S/6D

MW–2S/2M/2D

MW–3

25,000 GALLON AST ASPHALT CEMENT

25,000 GALLON AST ASPHALT CEMENT

TB–3

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

NORTH

0 30

SCALE (FEET)

252.21

MW–12LF

MW–12D

MW–12S

MW–11D

MW–11LF

MW–11S

251.17

252.00

251.5

251.0

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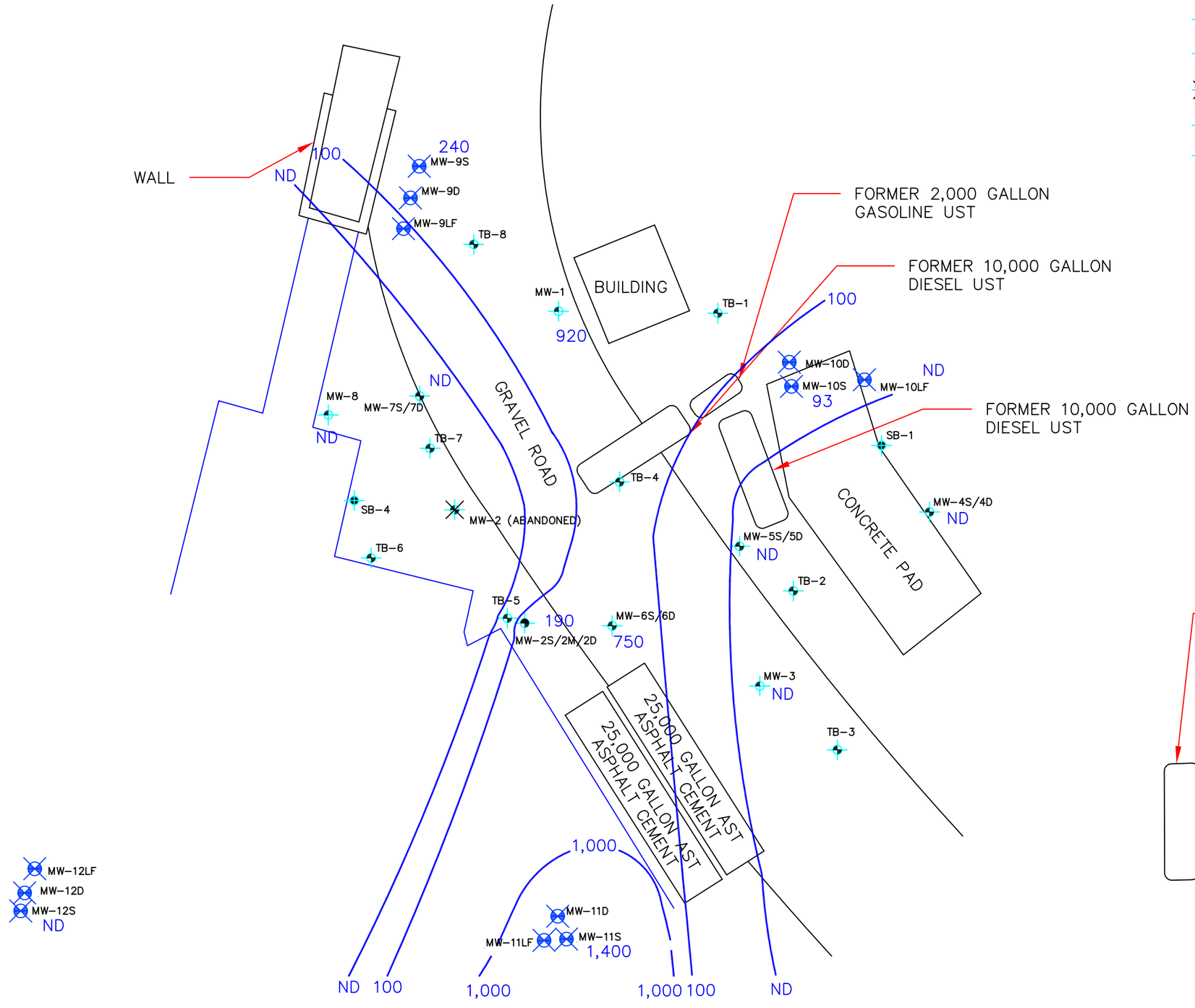
MISSON VALLEY ROCK

THIRD QUARTER 2006
GROUNDWATER CONTOUR MAP
(LIVERMORE FORMATION)

PROJECT NO. EM–5009C

FIGURE 5



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank

240 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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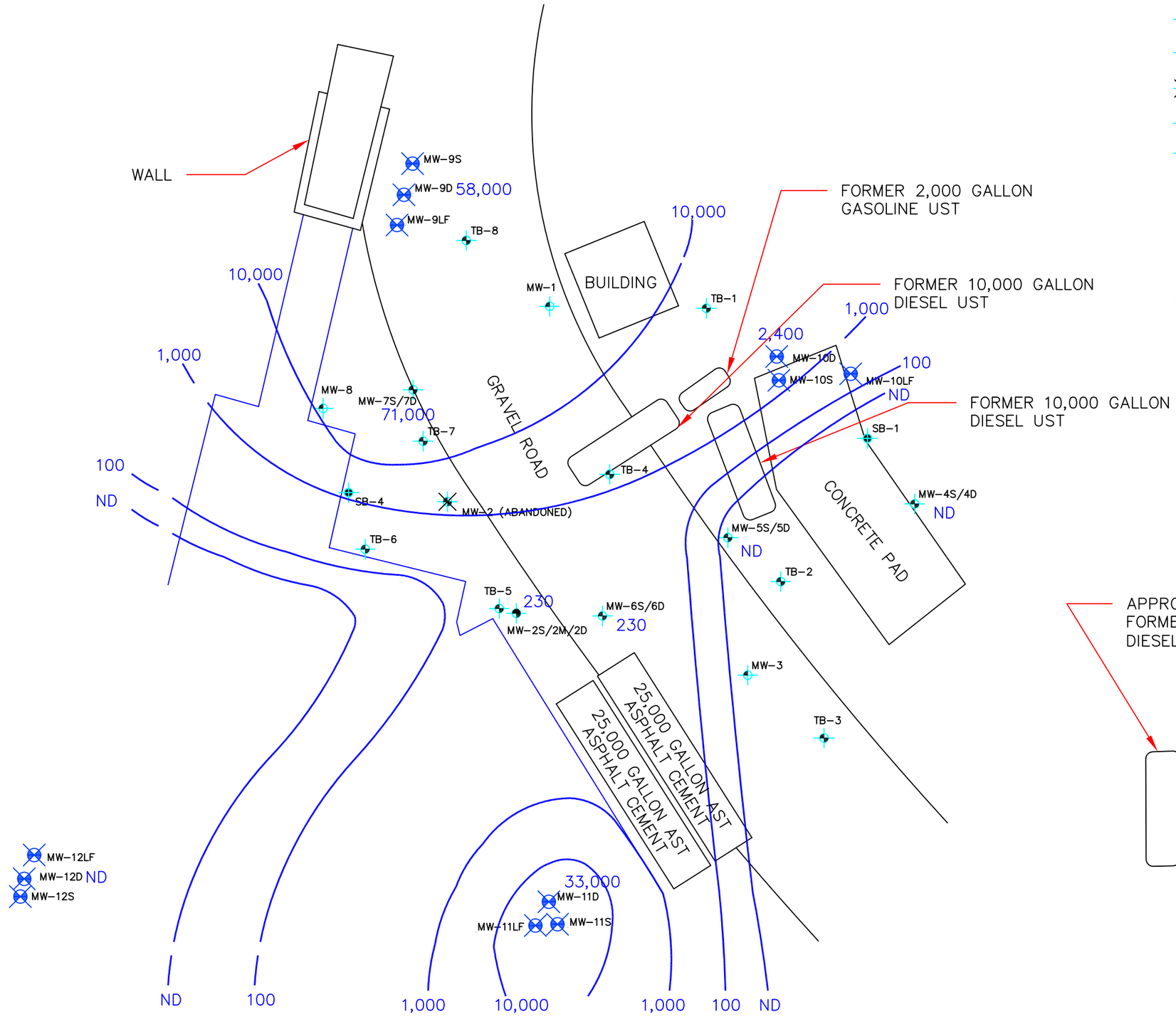
MISSON VALLEY ROCK

THIRD 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

2,400 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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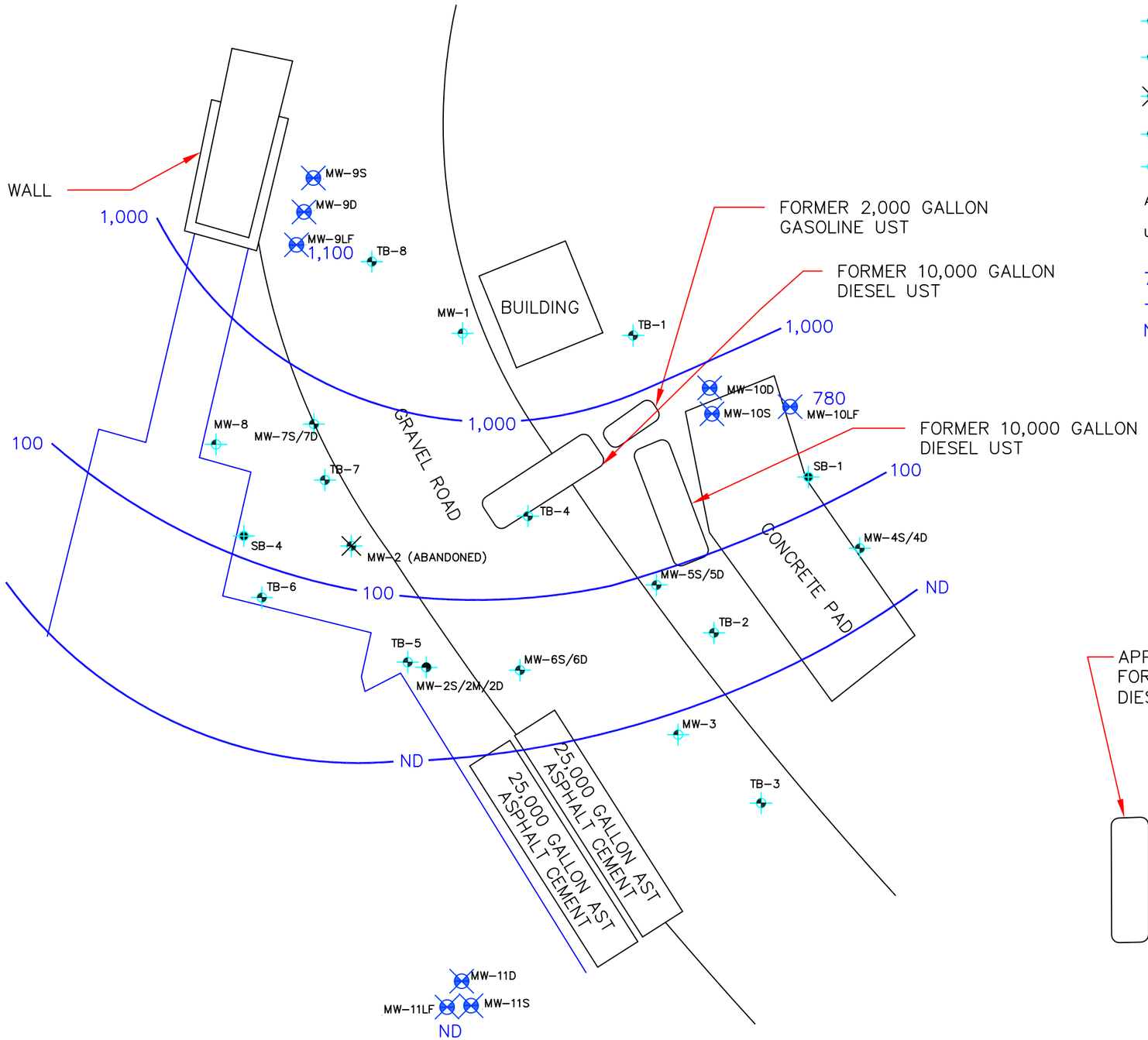
MISSON VALLEY ROCK

THIRD QUARTER 2006
TPHG CONCENTRATIONS IN GROUNDWATER
(DEEP ZONE)

PROJECT NO. EM–5009C

FIGURE 7



MW-9S	New groundwater monitoring well – single completion
MW-1	Existing groundwater monitoring well – single completion
MW-7S/7D	Existing groundwater monitoring well – dual nested
MW-2S/SM/2D	Existing groundwater monitoring well – triple nested
MW-2	Abandoned groundwater monitoring well
TB-1	Grab groundwater sample location
SB-1	Temporary soil boring location
AST =	Aboveground storage tank
UST =	Underground storage tank

780 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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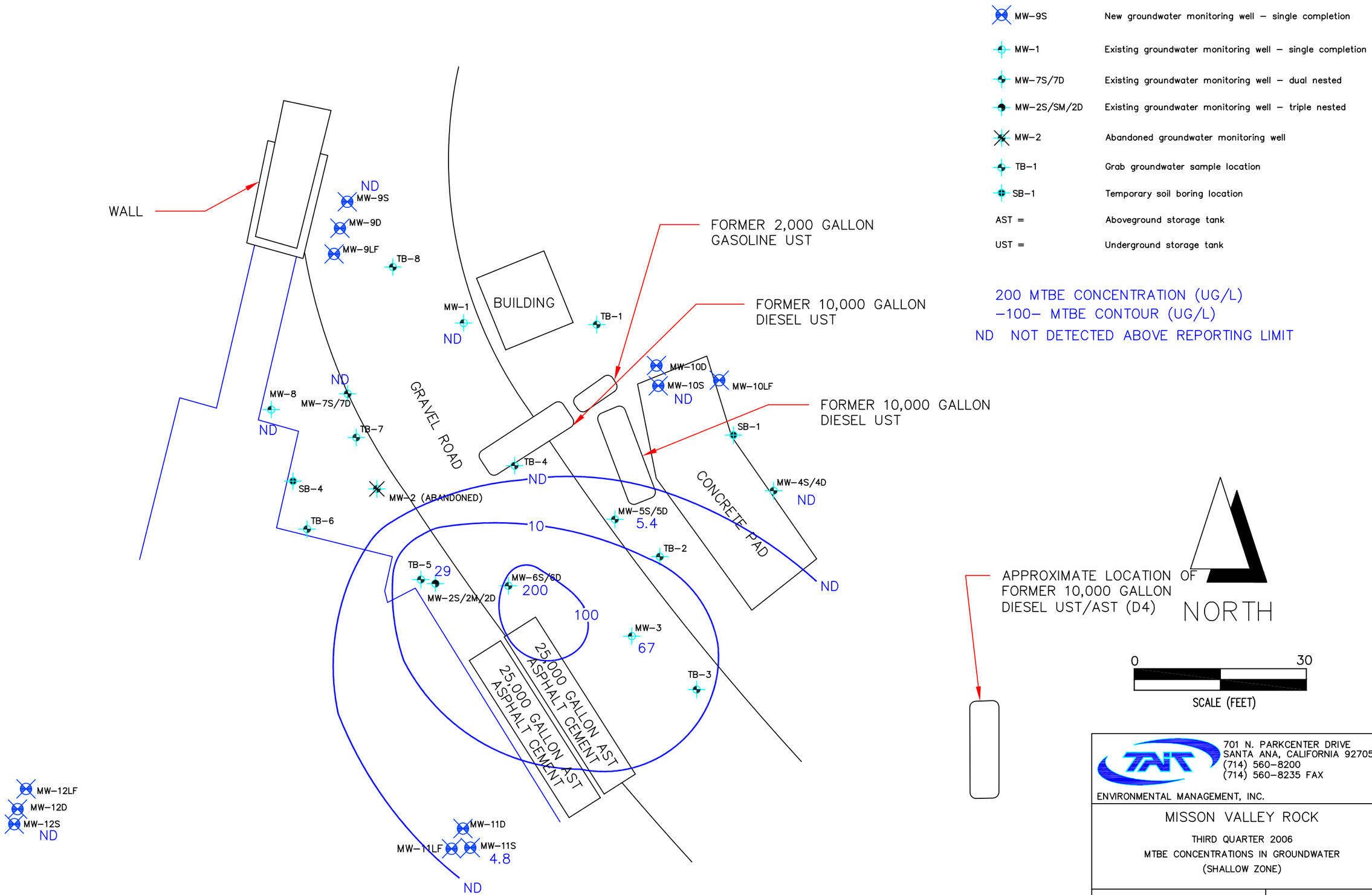
MISSON VALLEY ROCK

THIRD QUARTER 2006
TPHG CONCENTRATIONS IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 8



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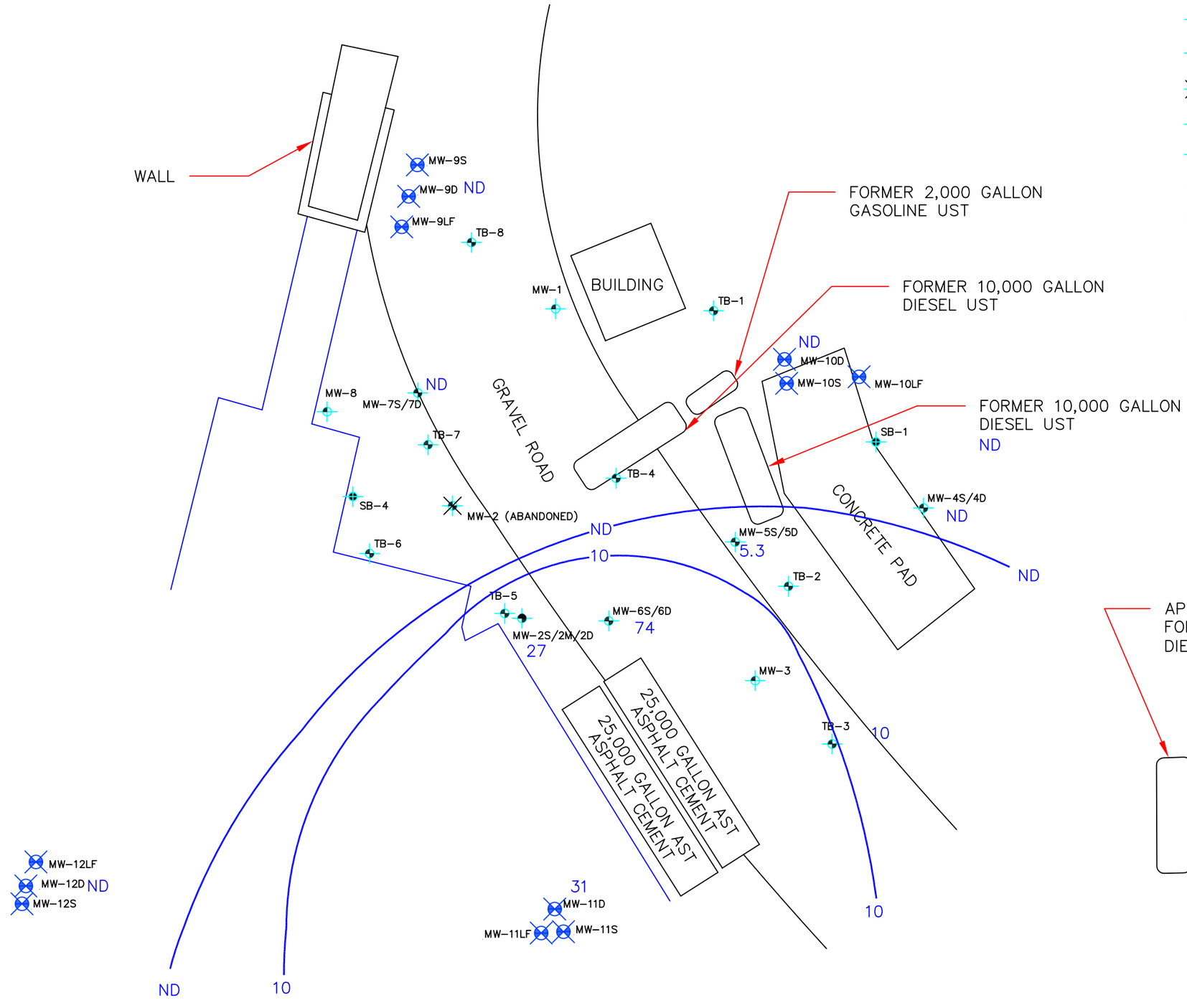
MISSON VALLEY ROCK

THIRD QUARTER 2006
MTBE CONCENTRATIONS IN GROUNDWATER
(SHALLOW ZONE)

PROJECT NO. EM–5009C

FIGURE 9



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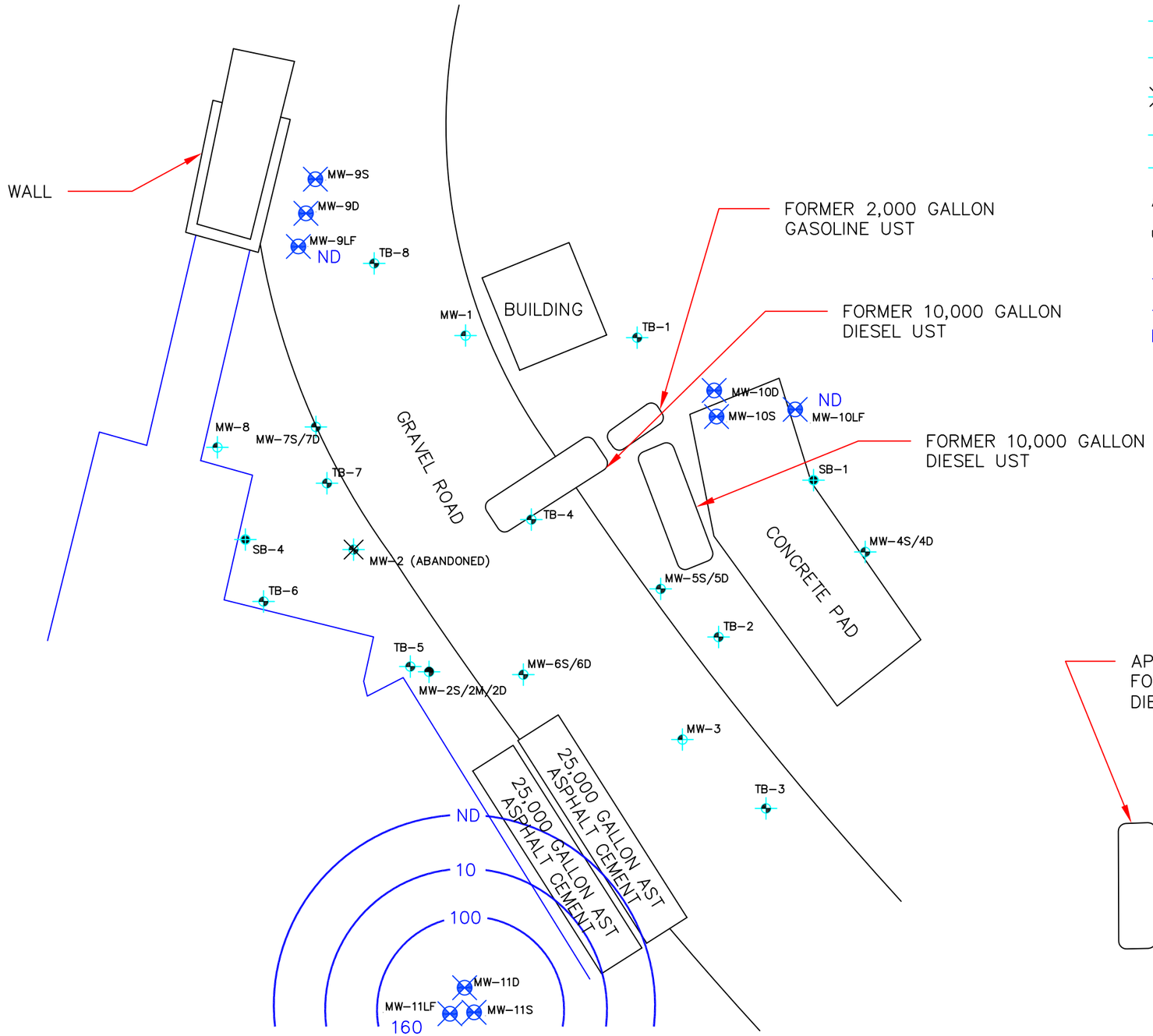
MISSON VALLEY ROCK

THIRD 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

160 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)

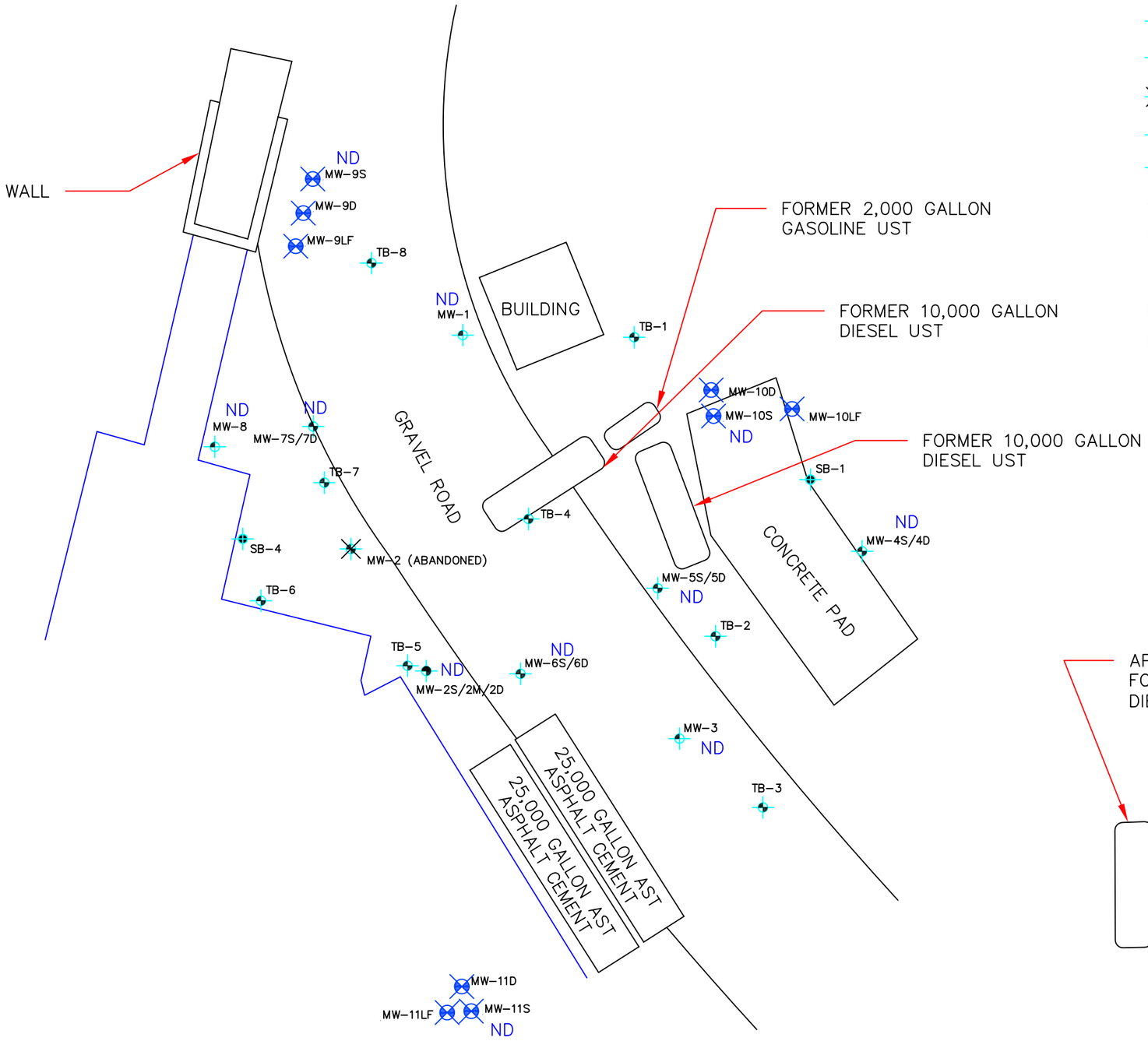
701 N. PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

MISSON VALLEY ROCK

THIRD 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

ND BENZENE CONCENTRATION (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
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ENVIRONMENTAL MANAGEMENT, INC.

MISSON VALLEY ROCK

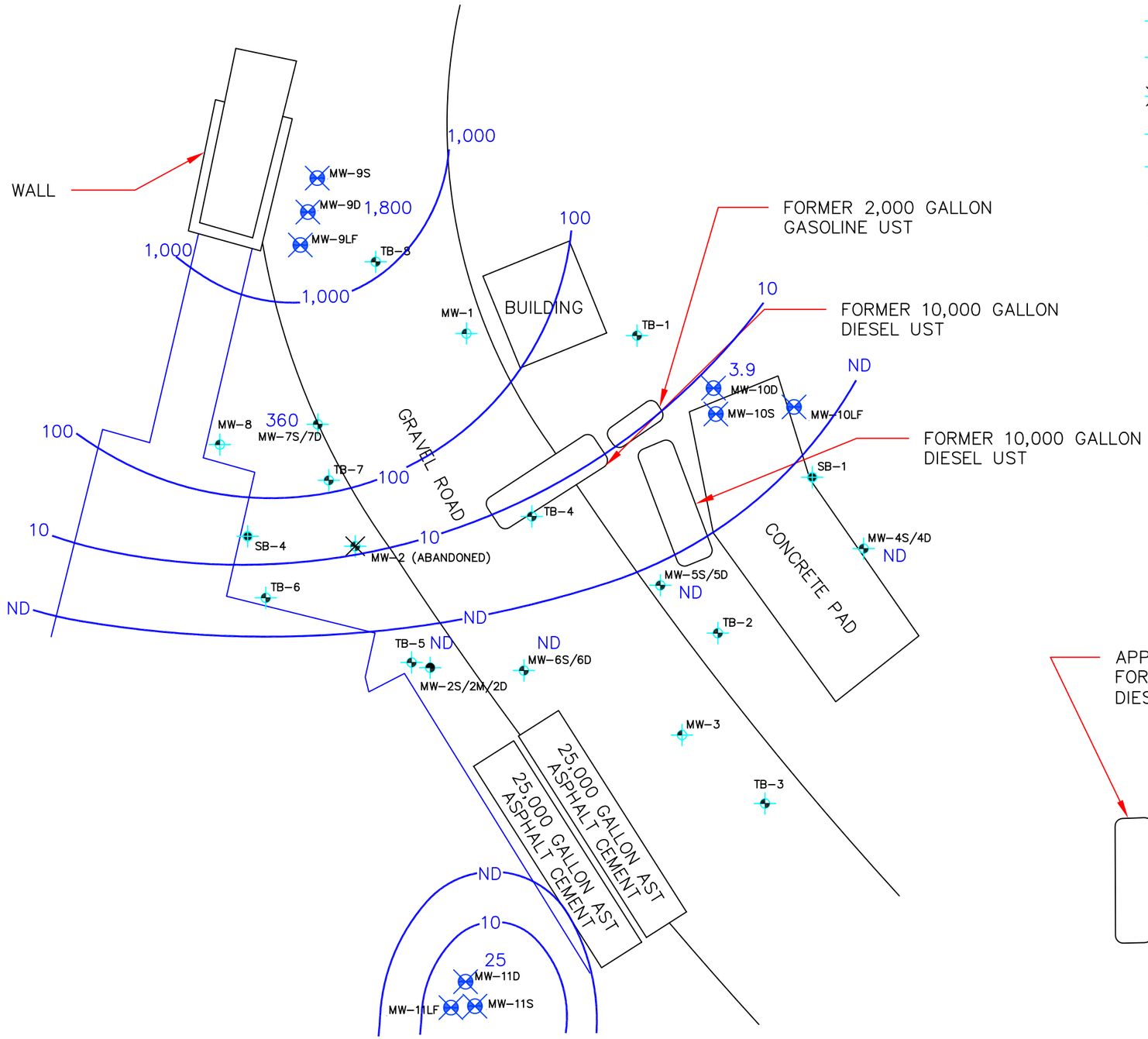
THIRD QUARTER 2006

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

360 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
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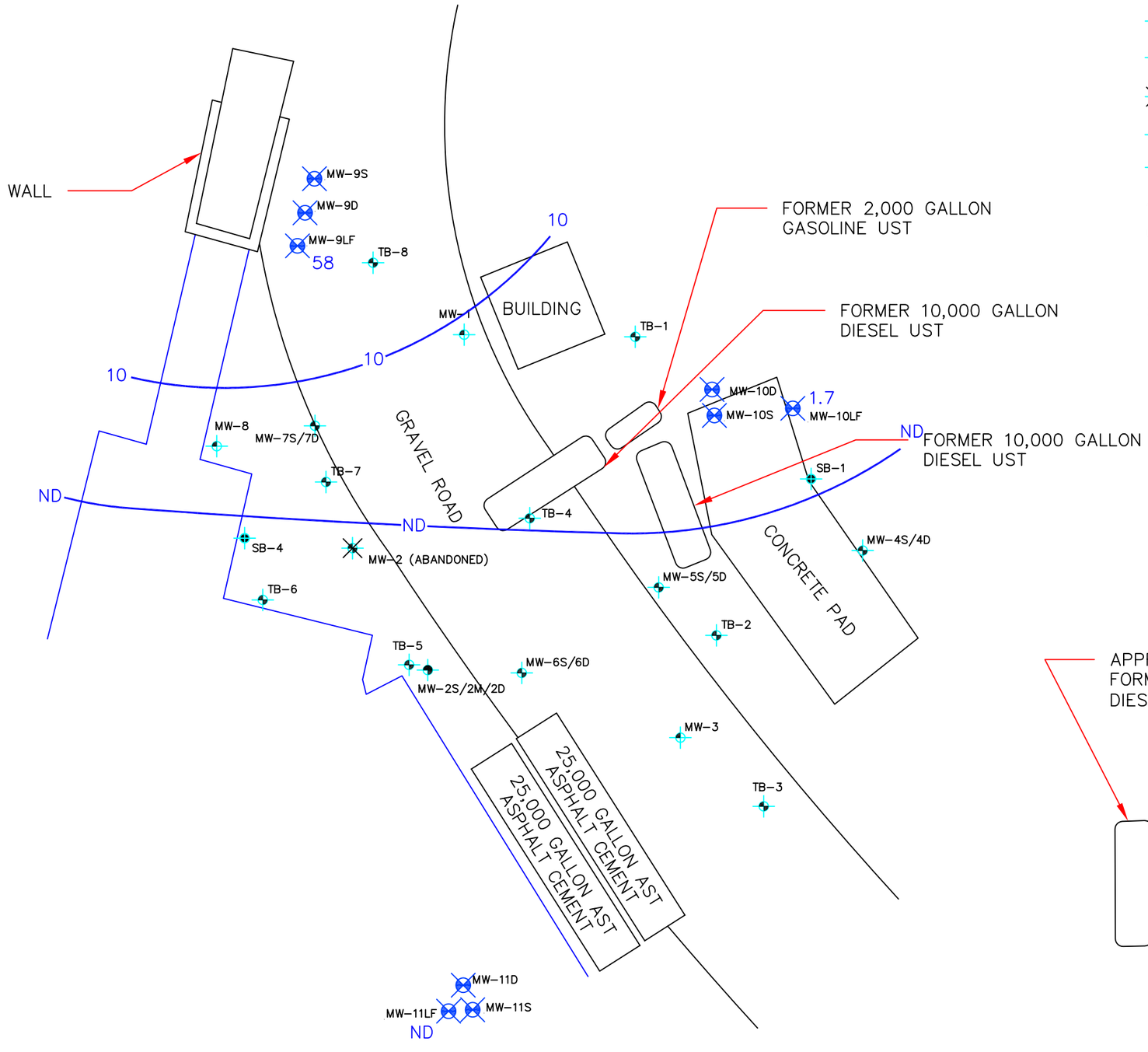
ENVIRONMENTAL MANAGEMENT, INC.

MISSON VALLEY ROCK

THIRD 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

58 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
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ENVIRONMENTAL MANAGEMENT, INC.

MISSON VALLEY ROCK

THIRD QUARTER 2006
BENZENE CONCENTRATION IN GROUNDWATER
(LIVERMORE FORMATION)

PROJECT NO. EM-5009C

FIGURE 14

TABLES

Table 1
Well Construction Details and Groundwater Elevation Data
Third 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	6.13	17.78	5.0 - 20.0	258.68	252.55
MW-2S	2	7.01	8.71	3.0-8.0	258.84	251.83
MW-2M	2	7.36	12.29	14.0-19.0	258.99	251.63
MW-2D	2	7.44	29.54	25.0-30.0	258.91	251.47
MW-3	2	7.97	14.70	5.0-20.0	259.08	251.11
MW-4S	2	3.90	8.35	3.0-8.0	259.14	255.24
MW-4D	2	8.18	23.38	17.0-22.0	259.22	251.04
MW-5S	2	7.02	8.24	3.0-8.0	259.43	252.41
MW-5D	2	7.30	22.65	17.0-22.0	259.40	252.10
MW-6S	2	6.94	15.00	5.0-15.0	258.75	251.81
MW-6D	2	7.90	29.15	24.5-29.5	259.27	251.37
MW-7S	2	6.30	8.48	5.0-8.0	258.84	252.54
MW-7D	2	7.19	23.61	20.0-25.0	258.80	251.61
MW-8	2	6.45	15.30	5.0-15.0	258.84	252.39
MW-9S	2	5.92	12.20	5.3-12.3	258.41	252.49
MW-9D	2	7.12	24.28	18.9-23.9	258.86	251.74
MW-9LF	2	7.37	39.11	33.3-38.3	258.94	251.57
MW-10S	2	5.62	9.58	4.8-9.8	260.67	255.05
MW-10D	2	8.92	19.38	15.5-20.5	260.64	251.72
MW-10LF	2	9.65	39.90	34.4-39.4	260.58	250.93
MW-11S	2	7.69	9.43	4.8-9.8	258.96	251.27
MW-11D	2	8.50	20.50	15.3-20.3	258.98	250.48
MW-11LF	2	7.84	39.41	32.8-37.8	259.01	251.17
MW-12S	2	10.51	11.04	4.6-11.6	262.69	252.18
MW-12D	2	10.40	19.70	16.0-21.0	262.70	252.30
MW-12LF	2	10.69	39.50	33.7-38.7	262.90	252.21

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
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
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
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
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)
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
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
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
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
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
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

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
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
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
MW-9S	258.41	06/12/06	2.14	256.27	ND
		09/05/06	5.92	252.49	ND
MW-9D	258.86	06/12/06	3.16	255.70	ND
		09/05/06	7.12	251.74	ND
MW-9LF	258.94	06/12/06	3.46	255.48	ND
		09/05/06	7.37	251.57	ND
MW-10S	260.67	06/12/06	5.00	255.67	ND
		09/05/06	5.62	255.05	ND
MW-10D	260.64	06/12/06	5.42	255.22	ND
		09/05/06	8.92	251.72	ND
MW-10LF	260.58	06/12/06	5.99	254.59	ND
		09/05/06	9.65	250.93	ND
MW-11S	258.96	06/12/06	3.69	255.27	ND
		09/05/06	7.69	251.27	ND
MW-11D	258.98	06/12/06	3.70	255.28	ND
		09/05/06	8.50	250.48	ND
MW-11LF	259.01	06/12/06	3.90	255.11	ND
		09/05/06	7.84	251.17	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-12S	262.69	06/12/06	5.77	256.92	ND
		09/05/06	10.51	252.18	ND
MW-12D	262.70	06/12/06	5.69	257.01	ND
		09/05/06	10.40	252.30	ND
MW-12LF	262.90	06/12/06	5.92	256.98	ND
		09/05/06	10.69	252.21	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
Third Quarter 2006
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)
MW-1	9/6/2006	ND	**920**	ND	ND	**5.3**	ND	ND
MW-2S	9/6/2006	**11000**	**190**	ND	ND	ND	ND	**29**
MW-2M	9/6/2006	**1900**	**330**	ND	ND	ND	ND	**22**
MW-2D	9/6/2006	**1700**	**230**	ND	ND	ND	ND	**27**
MW-3	9/6/2006	ND	ND	ND	ND	ND	ND	**67**
MW-4S	9/5/2006	ND	ND	ND	ND	ND	ND	ND
MW-4D	9/5/2006	ND	ND	ND	ND	ND	ND	ND
MW-5S	9/5/2006	ND	ND	ND	ND	ND	ND	**5.4**
MW-5D	9/5/2006	ND	ND	ND	**0.60**	ND	ND	**5.3**
MW-6S	9/6/2006	**2400**	**750**	ND	ND	**0.7**	**0.50**	**200**
MW-6D	9/6/2006	ND	**230**	ND	ND	ND	ND	**74**
MW-7S	9/7/2006	ND	ND	ND	ND	ND	ND	ND
MW-7D	9/7/2006	**22000**	**71000**	**360**	**8600**	**33000**	**87000**	ND
MW-8	9/7/2006	ND	ND	ND	**3.3**	ND	**5.5**	ND
MW-9S	9/7/2006	ND	**240**	ND	ND	ND	ND	ND
MW-9D	9/7/2006	**5400**	**58000**	**1800**	**7400**	**2400**	**8000**	ND
MW-9LF	9/7/2006	ND	**1100**	**58**	**23**	**31**	**58**	ND
MW-10S	9/7/2006	ND	**93**	ND	ND	ND	ND	ND
MW-10D	9/7/2006	ND	**2400**	**3.9**	**2.0**	**54**	**11.9**	ND
MW-10LF	9/7/2006	ND	**780**	**1.7**	**1.6**	**1.7**	**7.8**	ND

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

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)
MW-11S	9/6/2006	**3300**	**1400**	ND	ND	ND	ND	**4.8**
MW-11D	9/6/2006	**210000**	**33000**	**25**	**30**	**28**	**97**	**31**
MW-11LF	9/6/2006	**5300**	ND	ND	ND	ND	ND	**160**
MW-12S	9/7/2006	ND	**81**	ND	ND	ND	ND	ND
MW-12D	9/6/2006	ND	ND	ND	ND	ND	ND	ND
MW-12LF	9/6/2006	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
mg/L = Milligrams per Liter
ug/L = Micrograms per Liter
ND = Non-detect at or above corresponding laboratory reporting limit.

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

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-1	06/23/98	**0.1**	**3,100**	**19**	**2.3**	**91**	**48**	**110**
	10/01/98	**0.1**	**2,300**	**3.1**	**4.2**	**5.0**	**15**	ND<0.5
	01/05/99	**350**	ND<50	**12**	**7.5**	**20**	**6.2**	ND<5.0
	03/29/99	**190**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/10/99	**210**	**1,800**	**1.2**	**0.9**	**1.5**	**4.6**	ND<0.5
	09/17/99	**62**	**180**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	12/27/99	**290**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/22/00	**86**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/30/00	**70**	**450**	**2.1**	ND<0.5	**2.1**	**1.4**	**7.6**
	09/14/00	ND<50	**850**	**5.4**	ND<0.5	**9.4**	**2.6**	**9.8**
	12/20/00	ND<1,000	**370**	**5.3**	ND<1.0	**2.7**	ND<3.0	**55**
	03/22/01	ND<1,000	**700**	ND<1.0	ND<1.0	**1.4**	ND<1.0	ND<1.0
	06/27/01	ND<1,000	**170**	ND<1.0	ND<1.0	**1.2**	ND<1.0	ND<1.0
	09/21/01	ND<1,000	**730**	**1.4**	ND<1.0	**7.6**	**1.2**	ND<1.0
	12/27/01	**1000**	**500**	**15**	ND<1.0	**27**	**5.5**	ND<1.0
	03/29/02	**12000**	**29000**	**50**	ND<25	**960**	**290**	ND<25
	06/13/02	ND<1,000	**1400**	**3.5**	ND<1.0	**42**	**7.9**	ND<1.0
	09/27/02	**1400**	**760**	ND<1.0	ND<1.0	**4.3**	**1.1**	ND<1.0
	12/03/02	ND<1,000	**1600**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	03/31/03	ND<1,000	**620**	**1.2**	ND<1.0	**12**	ND<1.0	ND<1.0
	06/27/03	ND<1,000	**0.61**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	09/19/03	ND<1,000	**1.2**	ND<1.0	ND<1.0	**6.4**	ND<1.0	ND<1.0
	12/22/03	ND<1,000	**0.49**	ND<1.0	ND<1.0	**3.0**	ND<1.0	ND<1.0
	01/17/05	ND<50	**63**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	**1200**	ND<0.5	ND<0.5	**8.5**	**1.2**	ND<1.0
	08/12/05	ND<50	**410**	ND<0.5	ND<0.5	**2.4**	ND<0.5	ND<1.0
	12/13/05	ND<50	**750**	**3.8**	ND<0.5	**4.2**	ND<1.0	ND<1.0
	03/03/06	ND<50	**310**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/13/06	ND<50	**96**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	09/06/06	ND<50	**920**	ND<0.5	ND<0.5	**5.3**	ND<0.5	ND<1.0
MW-2	06/23/98	**12,000**	**2,500**	**0.68**	ND<0.50	**1.2**	**0.57**	**14**
	10/01/98	**4,300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/05/99	**38,000**	ND<5,000	ND<50	ND<50	**51**	**190**	ND<500
	03/29/99	**580**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/10/99	**4,500**	**24,000**	**38**	**27**	**41**	**98**	ND<0.5
	09/17/99	**24,000**	**1,400**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**27**
	12/27/99	**2,300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/22/00	**620**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/30/00	**1,700**	**270**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**17**
	09/14/00	**5,800**	**130**	ND<0.5	ND<0.5	ND<0.5	**0.94**	**12**
	12/20/00	**19,000**	**1700**	ND<50	ND<50	ND<50	ND<150	ND<250
	03/22/01	**610000**	**3300**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**9.0**
	06/27/01	**8800**	**1800**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**6.7**
	09/21/01	**530000**	**7000**	ND<50	ND<50	ND<50	ND<50	ND<50
	12/27/01	**27000**	**310**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**62**
	03/29/02	**65000**	**130**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**30**
	06/13/02	**130000**	**460**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**24**
	09/27/02	**480000**	**290**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**16**
	12/03/02	**61000**	**1800**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**10**
	03/31/03	**5000**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**14**
	06/27/03	**8.1**	**360**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**20**
	09/19/03	**85**	**12**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**15**
	12/22/03	NS						
	01/17/05	Abandoned						
MW-2S	01/17/05	**1100**	**730**	ND<0.5	ND<0.5	**1.0**	**3.5**	**50**
	05/04/05	**8200**	**190**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**44**
	08/12/05	**6100**	**120**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**77**
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**26**
	03/03/06	**5900**	**160**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**21**
	06/13/06	**8700**	**ND<50**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**22**
	09/06/06	**11000**	**190**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**29**
MW-2M	01/17/05	**4100**	**3300**	**6.5**	**1.7**	**89**	**82.2**	**38**
	05/04/05	ND<50	**610**	ND<0.5	ND<0.5	**16**	**10.6**	**32**
	08/12/05	ND<50	**460**	ND<0.5	ND<0.5	**2.5**	**1.2**	**56**
	12/12/05	ND<50	**410**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**28**
	03/03/06	ND<50	**290**	ND<0.5	ND<0.5	**0.5**	ND<1.0	**17**
	06/13/06	ND<50	**130**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**ND<1.0**
	09/06/06	**1900**	**330**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**22**

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

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-2D	01/17/05	**1800**	**1000**	**6.5**	ND<0.5	**80**	**71**	**62**
	05/04/05	ND<50	**250**	ND<0.5	ND<0.5	**4.6**	**1.6**	**72**
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	**2.8**	**1.1**	**51**
	12/12/05	ND<50	**200**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**39**
	03/03/06	ND<50	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**38**
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**36**
	09/06/06	**1700**	**230**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**27**
MW-3	06/23/98	**12,000**	**300**	**0.80**	ND<0.5	ND<0.5	ND<0.5	**150**
	10/01/98	**6400**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	01/05/99	**5,600**	ND<100	**1.6**	**1.4**	ND<1.0	ND<1.0	**110**
	03/29/99	**150**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/10/99	**620**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	09/17/99	**1,500**	**230**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**89**
	12/27/99	**58**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	03/22/00	**94**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	06/30/00	**240**	**170**	ND<0.5	**0.52**	ND<0.5	ND<0.5	**100**
	09/14/00	**850**	**170**	**0.81**	ND<0.5	ND<0.5	ND<0.5	**68**
	12/20/00	**1600**	**230**	ND<1.0	ND<1.0	ND<1.0	ND<3.0	**80**
	03/22/01	**1100**	**140**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**83**
	06/27/01	NS						
	09/21/01	**3800**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**45**
	12/27/01	**3100**	**340**	**1.4**	**1.1**	**10**	**3.8**	**45**
	03/29/02	**1500**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**50**
	06/13/02	ND<1000	**160**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**36**
	09/27/02	ND<1000	ND<1000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**43**
	12/03/02	ND<1000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**41**
	03/31/03	ND<1000	ND<100	ND<2.5	ND<2.5	ND<2.5	ND<2.5	**92**
	06/27/03	**1200**	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	**93**
	09/19/03	ND<1000	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	**65**
	12/22/03	**5700**	**190**	ND<2.0	ND<2.0	ND<2.0	ND<2.0	**56**
	01/17/05	ND<50	**590**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**47**
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**190**
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**110**
	12/13/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**75**
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**140**
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**100**
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**67**
MW-4S	01/17/05	ND<50	**65**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	**2.2**	**5.8**	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	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<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	08/12/05	ND<50	**410**	ND<0.5	**2.2**	**10.0**	**25.5**	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**8**
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
MW-5S	01/17/05	ND<50	ND<50	ND<0.5	**4.5**	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**6**
	12/12/05	ND<50	ND<50	**3.4**	**1.3**	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	9/5/2006	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5.4**
MW-5D	01/17/05	ND<50	**210**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10**
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**6.4**
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**4.7**
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	**5.0**
	09/05/06	ND<50	ND<50	ND<0.5	**0.60**	ND<0.5	ND<0.5	**5**
MW-6S	01/17/05	**2800**	**1600**	**6.1**	ND<0.5	**3.6**	**2.3**	**160**
	05/04/05	ND<50	**750**	ND<0.5	ND<0.5	**3.0**	ND<0.5	**160**
	08/12/05	**1300**	**1100**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**410**
	12/12/05	ND<50	**1000**	ND<0.5	ND<0.5	**1.4**	ND<1.0	**190**
	03/03/06	ND<50	**940**	ND<0.5	ND<0.5	**4.9**	ND<1.0	**60**
	06/14/06	**1300**	**650**	ND<0.5	**1.7**	**1.9**	**2.0**	**ND<1.0**
	09/06/06	**2400**	**750**	ND<0.5	ND<0.5	**0.70**	**0.50**	**200**

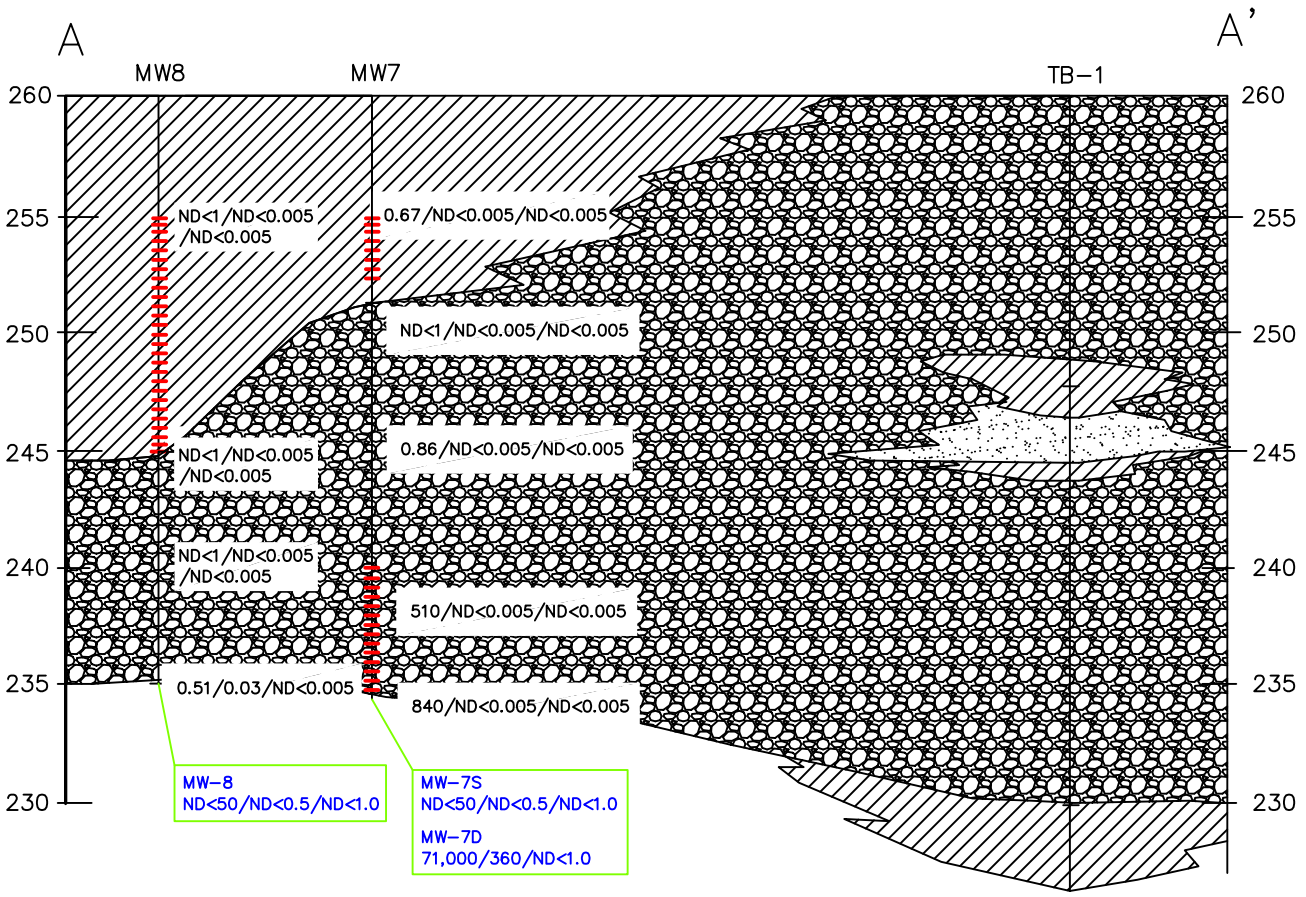
Table 4
Historical Groundwater Analytical Results
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
MW-6D	01/17/05	2100	1200	10	ND<0.5	1.6	2.2	180
	05/04/05	ND<50	360	2	ND<0.5	ND<0.5	ND<0.5	360
	08/12/05	ND<50	480	2	ND<0.5	ND<0.5	ND<0.5	270
	12/12/05	ND<50	240	ND<0.5	ND<0.5	ND<0.5	ND<1.0	92
	03/03/06	ND<50	310	ND<0.5	ND<0.5	ND<0.5	ND<1.0	93
	06/14/06	ND<50	130	ND<0.5	3	1.1	2.6	69
	09/06/06	ND<50	230	ND<0.5	ND<0.5	ND<0.5	ND<0.5	74
MW-7S	01/17/05	ND<50	12000	10	89	590	1670	ND<1.0
	05/04/05	520	1600	ND<0.5	ND<0.5	31	18.4	ND<1.0
	08/12/05	ND<50	660	ND<0.5	ND<0.5	5.5	ND<0.5	ND<1.0
	12/12/05	ND<50	610	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	630	1.1	9.0	31.0	78	ND<1.0
	06/14/06	ND<50	430	ND<0.5	ND<0.5	6.1	15	ND<1.0
	09/07/06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
MW-7D	01/17/05	ND<50	23000	350	1000	1800	5200	ND<1.0
	05/04/05	NS						
	08/12/05	37	83000	550	2200	4400	10600	ND<50
	12/12/05	150000	1300000	640	3100	21000	54800	ND<50
	03/03/06	45000	71000	420	2400	4400	11300	ND<1.0
	06/14/06	ND<50	160000	310	2400	4500	9800	ND<1.0
	09/07/06	22000	71000	360	8600	33000	87000	ND<1.0
MW-8	01/17/05	ND<50	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
	12/12/05	830	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	09/07/06	ND<50	ND<50	ND<0.5	3.3	ND<0.5	5.5	ND<1.0
MW-9S	05/05/06	ND<50	1300	8.6	24	40	29.8	ND<1.0
	06/14/06	ND<50	330	ND<0.5	ND<0.5	3	ND<1.0	ND<1.0
	09/07/06	ND<50	240	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
MW-9D	05/05/06	13	88000	5500	15000	4200	15000	ND<1.0
	06/14/06	ND<50	76000	3200	13000	2700	9200	ND<1.0
	09/07/06	5400	58000	1800	7400	2400	8000	ND<1.0
MW-9LF	05/05/06	ND<50	5400	12	17	190	150	ND<1.0
	06/14/06	ND<50	1800	13	17	30	36	ND<1.0
	09/07/06	ND<50	1100	58	23	31	58	ND<1.0
MW-10S	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	09/07/06	ND<50	93	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0
MW-10D	05/05/06	ND<50	5900	24	9	260	23	ND<1.0
	06/13/06	ND<50	2300	7.6	2.4	66	6.6	ND<1.0
	09/07/06	ND<50	2400	3.9	2.0	54	11.9	ND<1.0
MW-10LF	05/05/06	ND<50	860	ND<0.5	11	ND<0.5	4.6	ND<1.0
	06/13/06	ND<50	780	2.0	2.4	1.1	4.2	ND<1.0
	09/07/06	ND<50	780	1.7	1.6	1.7	7.8	ND<1.0
MW-11S	05/05/06	ND<50	11000	ND<0.5	ND<0.5	ND<0.5	ND<1.0	8.4
	06/14/06	ND<50	730	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	09/06/06	3300	1400	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.8
MW-11D	05/05/06	ND<50	13000	20	20	26	77	47
	06/14/06	18000	6500	12	4	11	22	26
	09/06/06	210000	33000	25	30	28	97	31
MW-11LF	05/05/06	ND<50	1300	ND<0.5	ND<0.5	ND<0.5	3	250
	06/14/06	1100	99	ND<0.5	ND<0.5	ND<0.5	ND<1.0	240
	09/06/06	5300	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	160
MW-12S	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	09/07/06	ND<50	81	ND<0.5	ND<0.5	ND<0.5	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<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	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<1.0	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<1.0
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	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
September 2006 (ug/l)
TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0

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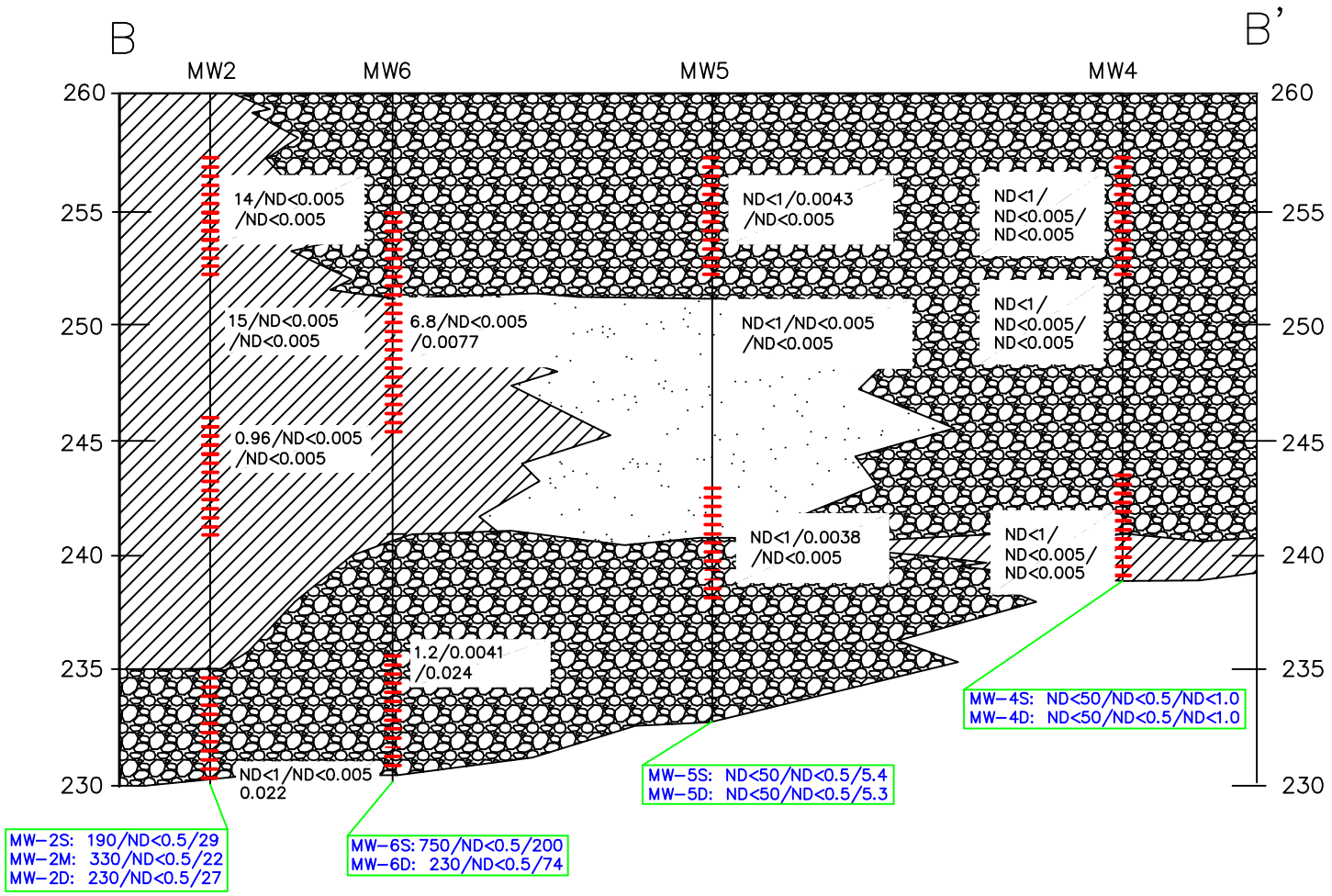
MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION
A-A'

PROJECT NO. EM5009A

FIGURE 8



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
September 2006 (ug/l)
TPHg/BENZENE/MTBE
ND<50/ND<0.5/ND<1.0

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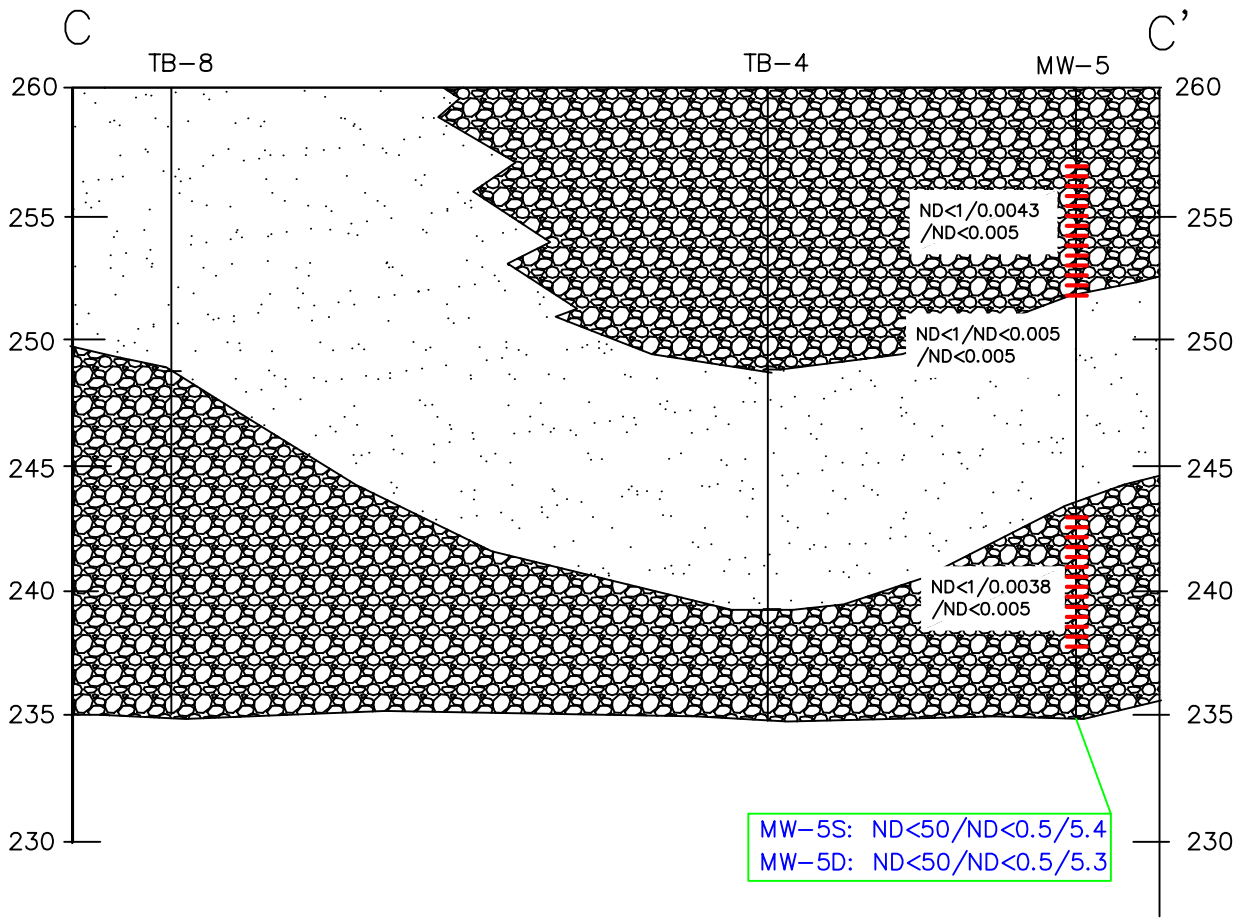
EAST-WEST CROSS SECTION
B-B'

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
September 2006 (ug/l)
TPHg/BENZENE/MTBE
ND<50/ND<0.5/ND<1.0

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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:**	9-5-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-4d	**Weather:**	Hot / dry **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	20 FT

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	23.38	15.20	NA	2.43	7.31	—	—

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

Field Equipment: Horiba, Waltera pump, inverter
Purge Method: Waltera 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
1330		0	0	NA	7.13	23.7	800	0.347	7.9	128	Cloudy
1339		2	0.22	↓	7.28	21.3	500	0345	8.7	152	↓
1346		4	0.29		7.19	19.9	491	0.775	8.8	102	
1356		6	0.20		7.07	19.6	496	0.776	8.7	97	
1403		8	0.29	↓	7.05	19.7	475	0.768	8.7	103	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1330	1403	0.24	8	3.3	11.24	10.55	1405	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-5-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-4S	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	3.90	8.35	4.5	NA	0.72	2.1	—	—

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, WATTERA pump, inverter
Purge Method: WATTERA pump
Well Condition: Good.

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1415		0	ø	NA	7.19	22.8	712	0.815	7.8	115	cloudy
1421		1	0.17	↓	7.27	22.8	416	0.795	7.8	125	↓
1428		2	0.14		7.30	22.8	397	0.792	7.8	119	
1432		3	0.17		7.34	22.8	402	0.790	7.8	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
1415	1432	0.18	3	4.2	4.79	3.98	1450	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-5-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-5d	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	18' FT

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	22.65	15.35	NA	2.46	7.4	–	–

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, Waltera pump, inverter
Purge Method: Waltera 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
1509		0	∅	NA	7.33	22.4	208	0.318	8.5	114	CLEAR
1515		2	0.33	↓	7.22	22.2	197	0.320	8.9	117	↓
1521		4	0.33	↓	7.18	22.1	158	0.332	9.4	120	↓
1525		6	0.50	↓	7.15	22.0	167	0.345	9.8	122	↓
1529		8	0.50	↓	7.11	22.0	188	0.348	10.1	119	↓

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1509	1529	0.4	8	3.3	10.38	10.38	1535	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

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	7.02	8.24	1.22	NA	0.20	0.61	—	—

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

Field Equipment: WATTERA pump, horiba, interlock
Purge Method: HAND BAIL
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
1545		0	∅		6.88	25.4	OVER 999	0.262	9.1	152	MURKY
		WELL WENT DRY USING HANDBAILER @ LESS THAN 0.5 gal									

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
1545	—	—	0.25	1	7.27	7.27	1645	

Notes: WELL WAS PURGED & SAMPLED USING disposable hand bailer

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-3	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	12 FT

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	7.97	14.70	6.73	NA	1.07	3.23	—	—

Well Diameter (in)				Gallons/Foot				Field Equipment:	horiba, waltera pump inverter
				0.75	2	4	6	Purge Method:	waltera pump
0.75	2	4	6	0.02	0.16	0.65	1.47	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
802		0	Ø	NA	7.22	20.2	OVER 999	0.285	8.0	117	MURKY
809		1	0.14	↓	7.01	19.7	↓	0.297	7.7	141	↓
814		2	0.20	↓	7.05	20.0	↓	0.298	7.8	122	↓
821		3	0.14	↓	7.07	20.0	↓	0.299	7.9	120	↓
828		4	0.14	↓	7.11	20.3	↓	0.297	7.8	122	↓

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
802	828	0.15	4	3.7	9.32	8.57	831	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-6d	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	20 FT

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	7.90	29.15	21.25	NA	3.4	10.2	—	-

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, WATTERA pump, INVERTER
Purge Method: WATTERA 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
845		0	Ø	NA	7.58	19.2	205	0.223	8.4	124	cloudy
853		3	0.38	↓	7.44	19.4	195	0.230	8.2	127	↓
904		6	0.27	↓	7.25	19.6	219	0.234	8.4	130	↓
915		9	0.27	↓	7.22	19.4	302	0.234	7.9	129	↓
925		12	0.30	↓	7.22	19.4	229	0.234	8.1	131	↓

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
845	925	0.3	12	3.5	12.15	8.12	928	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-6S	**Weather:**	Hot / Dry **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	11 FT

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	15.00	8.06	NA	1.29	3.87	—	—

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

Field Equipment: Horiba, Waltera pump, inverter
Purge Method: Waltera 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
936		Ø	Ø	NA	7.05	21.4	OVER 999	0.258	7.2	-125	Murky
941		1	0.20	↓	7.05	22.0	718	0.295	7.7	-143	cloudy
944		2	0.33	↓	7.11	21.9	428	0.296	7.5	-142	↓
948		3	0.25	↓	7.13	22.0	361	0.299	7.6	-140	↓
953		4	0.20	↓	7.10	22.1	397	0.297	7.6	-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
936	953	0.24	4	3.1	8.55	8.72	957	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 9-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-2d	**Weather:** HOT / DRY **Screen:**
Measurement Point Description: TOC NORTH	**Pump Intake:** 20 FT

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	7.44	29.54	22.10	NA	3.54	10.6	—	—

Well Diameter (In)				Gallons/Foot				Field Equipment: HORIBA, WALTERA PUMP, INVERTER
				0.75	2	4	6	Purge Method: WALTERA PUMP.
0.75	(2)	4	6	0.02	0.16	0.65	1.47	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
1013		0	∅	NA	7.39	21.5	832	0.261	8.6	-130	MURKY
1018		3	0.60	↓	7.13	20.9	343	0.259	8.5	-137	CLOUDY
1029		6	0.27		7.09	21.0	234	0.256	8.6	-128	CLOUDY
1038		9	0.33		7.07	20.4	112	0.258	9.2	-143	CLEAR
1050		12	0.25		7.08	20.4	68	0.258	9.4	-148	CLEAR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1013	1050	0.32	12	3.4	11.86	7.82	1055	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-2M	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	11 FT

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	7.36	12.29	4.93	NA	0.79	2.37	—	—

Well Diameter (in)				Gallons/Foot				Field Equipment:	Horiba, Waterpump, Interface
				0.75	2	4	6	Purge Method:	WATERRA pump
0.75	(2)	4	6	0.02	0.16	0.65	1.47	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
1103		0	Ø	NA	6.77	23.2	277	0.248	9.8	-52	CLEAR
1107		1	0.25	↓	6.82	22.6	292	0.252	10.1	-77	cloudy
1114		2	0.14	↓	6.89	22.2	309	0.257	10.7	-81	↓
1123		3	0.11	↓	6.94	21.8	355	0.261	10.8	-79	↓

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
1103	1123	0.15	3	3.8	8.34	8.11	1125	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 9-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-2S	**Weather:** Hot / Dry **Screen:**
Measurement Point Description: TOC North	**Pump Intake:**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.01	8.71	1.70	NA	0.27	0.81	—	—

Well Diameter (in)				Gallons/Foot				Field Equipment: Horiba, Waterra pump, inverter
				0.75	2	4	6	Purge Method: Hand bailed
0.75	2	4	6	0.02	0.16	0.65	1.47	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
1135		∅	∅	NA	6.59	23.9	OVER 999	0.246	9.4	-150	Murky
			Well went dry using ~~hand~~ bailer								

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
1135	1137	—	0.25	1	7.35	7.35	1150	

Notes: Well purged & sample collected using hand bailer

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-1	**Weather:**	Hot / Dry **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	15' FT

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	6.13	17.78	11.65	NA	1.86	5.59	–	–

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, Waterra pump, inverter
Purge Method: Waterra 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
1212		0	∅	NA	7.05	23.3	721	0.324	10.5	-136	Murky
1218		2	0.33	↓	7.04	22.9	591	0.329	11.2	-131	cloudy
1224		4	0.33	↓	7.04	21.7	477	0 328	11.3	-127	↓
1232		6	0.33	↓	7.05	21.2	471	0.326	11.4	-129	↓

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
1212	1232	0.33	6	3.2	8.46	6.52	1235	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-12d	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	16 FT

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	10.40	19.70	9.30	NA	1.49	4.46	—	—

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, Waltera pump, inverter
Purge Method: Waltera 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
1259		0	Ø	NA	7.20	22.3	OVER 999	0.190	11.1	-92	Murky
1305		2	0.33	↓	7.06	19.8	↓	0.193	12.3	-51	↓
1310		4	0.40	↓	6.97	19.5	↓	0.192	12.3	-13	↓
1316		6	0.33	↓	6.93	19.3	↓	0.193	12.4	-3	↓

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1259	1316	0.35	6	4.0	12.26	10.80	1320	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-12S	**Weather:**	Hot / dry **Screen:** —
Measurement Point Description:	TOC North	**Pump Intake:**	NA

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	10.51	11.04	0.53	NA	0.08	0.25	—	—

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, Waterra pump, inertia
Purge Method: Hand bailer
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
1330		Ø	NA	NA	6.93	22.0	OVER	0.259	11.06	67	MUDDY
		WELL WENT DRY									

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
1330	—	—	0.25	3.0	10.62	10.51	16:02	

Notes: HAND BAILED WELL - WELL DIDN'T RECOVER WATER
SAMPLE WAS COLLECTED next day on 9/7/06 9/7/06

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-05
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-12LF	**Weather:**	Hot / Dry **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	25 FT

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	10.69	39.50	28.81	NA	4.61	13.83	—	—

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, WATERA pump, inverter
Purge Method: WATERA 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
1341		0	Ø	NA	7.08	19.5	OVER SCALE	0.164	12.41	-16	
1349		5	0.63	↓	7.05	18.7	699	0.159	12.89	-24	
1358		10	0.50		7.03	18.6	587	0.157	12.79	-41	
1408		15	0.50		7.01	18.6	499	0.155	12.81	-38	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1341	1408	0.55	15	3.3	16.45	10.88	1410	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-11S	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	NA

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	7.69	9.43	1.89	NA	0.30	0.91	—	—

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, WATERA PUMP, INVERTER
Purge Method: HAND BAILED
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
1442		0	NA	NA	6.86	24.0	OVER 999	0.214	11.7	-152	MURKY
1443		0.3	↓	↓	6.89	23.6	↓	0.208	11.7	-144	↓
1444		0.66	↓	↓	6.91	22.9	↓	0.198	11.6	-141	↓
1445		1.0	↓	↓	6.93	22.3	↓	0.197	11.7	-139	↓

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1442	1445	0.33	1.0	3.3	7.92	7.78	1500	

Notes: WELL PURGED & SAMPLED USING HAND BAILER
VISIBLE SHEEN & ODOR

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

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-6-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW - 11d	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	16 FT

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	8.50	20.50	12.0	NA	1.92	5.76	–	–

Well Diameter (in)				Gallons/Foot				Field Equipment: Horiba, WATTERA pump, inverter
				0.75	2	4	6	Purge Method: WATTERA pump
0.75	(2)	4	6	0.02	0.16	0.65	1.47	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
1514		0	∅	NA	7.06	22.1	over 999	0.184	11.4	-128	MURKY
1521		2	0.29	↓	6.99	21.3	↓	0.182	11.9	-125	↓
1530		4	0.22		6.89	20.9		0.184	11.9	-117	
1538		6	0.25	↓	6.84	20.7	↓	0.181	11.9	-122	↓

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
1514	1538	0.25	6	3.1	10.90	9.26	1540	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 9-6-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-11LF	**Weather:** HOT / DRY **Screen:**
Measurement Point Description: TOC NORTH	**Pump Intake:** 25 FT

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	7.84	39.41	31.57	NA	5.05	15.15	—	—

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, WALTERA PUMP, INVERTER
Purge Method: WALTERA 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
1554		0	Ø	NA	7.12	23.7	OVER RNG	0.156	11.9	-142	MURKY
1602		4	0.50	↓	7.18	21.4	↓	0.153	11.9	-140	↓
1613		8	0.36		7.22	20.7		0.151	12.2	-137	
1621		12	0.50		7.24	20.6		0.148	12.3	-136	
1630		16	0.44	↓	7.26	20.6	↓	0.145	12.3	-134	↓

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1554	1630	0.44	16	3.2	14.15		1640	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-7-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-9S	**Weather:**	HOT / DRY **Screen:**
Measurement Point Description:	TOC NORTH	**Pump Intake:**	10 FT

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	5.92	12.20	6.28	NA	1.00	3.00	—	—

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

Field Equipment: HORIBA, WATTERA PUMP, INVERTER
Purge Method: WATTERA 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
928		0	∅	NA	7.27	20.6	OVER 999	0.356	9.56	-18	MURKY
937		1	0.11	↓	7.05	21.0	↓	0.373	9.55	-27	↓
945		2	0.13		6.89	21.0		0.447	9.61	-44	
951		3	0.17	↓	6.95	21.1	↓	0.426	9.90	-73	↓

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
928	951	0.13	3.0	3.0	7.18	6.35	1000	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-7-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-9d	**Weather:**	Hot / Dry **Screen:** -
Measurement Point Description:	TOC North	**Pump Intake:**	18 FT

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	7.12	24.28	17.16	NA	2.75	8.24	-	-

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, Waltera pump, Inverter
Purge Method: Waltera 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
1012		0	ø	NA	7.03	22.0	OVER 999	0.261	10.61	-167	cloudy
1022		3	0.30	↓	7.01	19.6	↓	0.278	11.21	-151	↓
1031		6	0.33	↓	7.01	19.6	↓	0.282	11.74	-142	
1040		9	0.33	↓	7.01	19.6	↓			-140	

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
1012	1040	0.32	9.0	3.3	10.55	8.01	1043	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-7-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-9LF	**Weather:**	Hot / dry **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	28 FT

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	39.11	31.74	NA	5.08	15.24	—	—

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, Waterra pump, inverter
Purge Method: Waterra 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
1058		0	∅	NA	7.17	20.5	930	0.214	11.84	-142	Murky
1113		4	0.27		7.22	19.5	617	0.205	12.06	-134	cloudy
1125		8	0.33		7.24	19.5	594	0.207	11.61	-122	
1140		12	0.27		7.26	19.6	518	0.209	11.78	-130	
1154		16	0.29		7.28	19.5	532	0.203	11.81	-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
1058	1154	0.28	16.0	3.1	13.71	9.82	1159	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-7-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-8	**Weather:**	Hot/dry **Screen:** —
Measurement Point Description:	TOC North	**Pump Intake:**	12 FT

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	6.45	15.34	8.89	NA	1.42	4.26	—	—

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, Waltera pump, inverter
Purge Method: Waltera 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
1211		0	∅	NA	7.45	20.8	OVER 999	0.150	11.20	-72	Murky
1215		2	0.50	↓	7.45	20.2	↓	0.149	11.24	-73	↓
1220		4	0.50		7.43	20.2		0.149	11.18	-75	
1226		6	0.33		7.43	20.2		0.152	11.13	-72	

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
1211	1226	0.40	6.0	4.2	8.23	6.50	1228	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 9-7-06
Project No.: EM5009C	**Prepared By:** MJS
Well Identification: MW-7S	**Weather:** Hot / dry **Screen:** —
Measurement Point Description: TOC North	**Pump Intake:** NA

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	8.48	2.18	NA	0.34	1.04	—	—

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, Waltera pump, inverter
Purge Method: Handbail
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
1251		0	0		6.92	25.1	OVER 999	0.215	12.39	-109	Murky
1254		1/2	0.17		6.88	22.9	↓	0.198	11.56	-125	↓
1258		1.0	0.13		6.93	22.5	↓	0.189	10.91	-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
1251	1258	0.14	1.0	3	6.74	6.34	1300	

Notes: Handbailed well - sample also collected using handbailer

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-7-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-7d	**Weather:**	Hot / dry **Screen:**
Measurement Point Description:	TOC North	**Pump Intake:**	18 FT

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	7.19	23.61	16.42	NA	2.63	7.88	–	–

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

Field Equipment: Horiba, Waltera pump, Interface
Purge Method: Waltera 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
1308		0	Ø	NA	7.63	20.3	OVER 9999	0.214	12.43	-143	MURKY
1315		2	0.29		7.33	19.8		0.204	12.56	-129	
1323		4	0.25		7.21	19.7		0.200	12.52	-115	
1331		6	0.25		7.11	19.7		0.209	12.48	-126	
1336		8	0.40		7.10	19.7		0.216	11.59	-147	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1308	1336	0.29	8.0	3.0	10.47	10.22	1342	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-7-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-10S	**Weather:**	HOT / dry **Screen:** —
Measurement Point Description:	TOC North	**Pump Intake:**	NA

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	5.62	9.58	3.96	NA	0.63	1.9	—	—

Well Diameter (in)				Gallons/Foot				Field Equipment:	Horiba, WATERA pump, inverter
				0.75	2	4	6	Purge Method:	HANDBAILER
0.75	(2)	4	6	0.02	0.16	0.65	1.47	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
1358		0	0	NA	7.18	23.4	428	0.610	10.7	-75	clear
1403		1	0.20	↓	7.15	23.2	over 999	0.622	10.3	-76	murky
1407		2	0.25	↓	7.12	23.0	↓	0.635	10.2	-75	↓

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
1358	1407	0.22	2.0	3.2	6.41	5.65	1410	

Notes: Well purged & sample collected using handbailer

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-7-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-10d	**Weather:**	Hot / dry **Screen:** –
Measurement Point Description:	TOC North	**Pump Intake:**	14 FT

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	8.92	19.38	10.46	NA	1.67	5.02	–	–

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, Waltera pump, inverter
Purge Method: Waltera 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
1417		0	∅	NA	7.32	21.5	OVER 999	0.596	12.05	-119	MURKY
1421		2	0.50	↓	7.11	20.6	↓	0.601	11.95	-130	↓
1425		4	0.50	↓	7.06	20.4	↓	0.605	11.70	-127	↓
1430		6	0.40	↓	7.04	20.4	↓	0.609	11.64	-122	↓

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
1417	1430	0.46	6.0	3.6	11.01	10.21	1432	

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	Mission Valley Rock	**Date:**	9-7-06
Project No.:	EM5009C	**Prepared By:**	MJS
Well Identification:	MW-10LF	**Weather:**	Hot / dry **Screen:** —
Measurement Point Description:	TOC North	**Pump Intake:**	29 FT

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	9.65	39.90	30.25	NA	4.84	14.52	—	—

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, Waltora pump, inverter
Purge Method: Waltora pump
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1441		0	∅	NA	7.23	22.7	911	0.269	12.81	-159	Murky
1451		5	0.50	↓	7.16	19.2	638	0.277	12.90	-150	cloudy
1500		10	0.56		7.16	19.2	466	0.287	13.17	-143	↓
1513		15	0.38	↓	7.32	19.3	407	0.302	13.64	-138	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1441	1513	0.47	15.0	3.1	15.70	9.81	1515	

Notes:

ft-bmp = feet below measuring point

APPENDIX C

CERTIFICATE OF DISPOSAL

IWM, Inc.

INTEGRATED WASTESTREAM MANAGEMENT, INC.
1945 Concourse Drive, San Jose, CA 95131-1708
PHONE: 408.433.1990 FAX: 408.433-9521

CERTIFICATE OF DISPOSAL

Generator Name:	Misson Valley Roack Company	Facility Name:	Mission Valley Rock
Address:	7999 Athenour Way	Address:	7999 Athenour Way
	Sunol, CA 94586		Sunol, CA
Contact:	Mort Calvert	Facility Contact:	Mike Schenone, Tait Environmental
Phone:	925-862-2257	Phone:	916-858-1090

IWM Job #:	96296-DE
Description of Waste:	4 Drum(s) of
	Non-Hazardous
	Water
Removal Date:	9/15/06
Ticket #:	SP150906-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 — 9/15/06

Authorized Representative (Print Name and Signature) — Date

APPENDIX D

LABORATORY REPORT

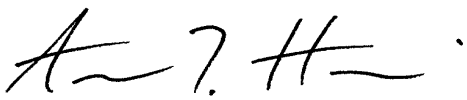
20 September 2006

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 09/09/06 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Aaron Harris
Project Manager

T601225

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

Chain of Custody Record

Client: Tait Environmental Management
Address: 11280 Trade Center Drive
Phone: 916 669-1826 Fax: 916 858 1011
Project Manager: Michael Schenone

Date: 9-8-06 Page: 1 Of 2
Project Name: Mission Valley Rock
Collector: Mike Schenone Client Project #: EM5009C
Batch #: EDF #: T06001 02092

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
MW-4d	9-5-06	1405	GRAB	VOA			X			X	X							01		5
MW-4s		1450					X			X	X							02		
MW-5d		1535					X			X	X							03		
MW-5s		1645					X			X	X							04		
MW-3	9-6-06	831					X			X	X							05		
MW-6d		928					X			X	X							06		
MW-6s		957					X			X	X							07		
MW-2d		1055					X			X	X							08		
MW-2M		1125					X			X	X							09		
MW-2s		1150					X			X	X							10	STD TAT	
MW-1		1235					X			X	X							11		
MW-12d		1320					X			X	X							12		
MW-12LF		1410					X			X	X							13		
MW-11S		1500					X			X	X							14		
MW-11d		1540					X			X	X							15		

Relinquished by: (signature) Michael Schenone Date / Time 9-8-06 955
Received by: (signature) Date / Time 9/8/06 955

Relinquished by: (signature) GSO Date / Time
Received by: (signature) Date / Time 9/9/06 900

Relinquished by: (signature) Date / Time
Received by: (signature) Date / Time

Total # of containers 60 75
Chain of Custody seals Y/N/NA 0
Seals intact? Y/N/NA
Received good condition/cold 7°C

Turn around time: NORMAL

Notes
EDF
Total 130 containers

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

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

Chain of Custody Record

T601225

Client: Tait Environmental Management
Address: 11280 Trade Center Drive
Phone: 916 6669-18826 Fax: 916 858-1011
Project Manager: Michael Schenone

Date: 9-8-06 Page: 2 Of 2
Project Name: Mission Valley Rock
Collector: Mike Schenone Client Project #: EM5009C
Batch #: EDF #: T0600102092

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
MW-11LF	9-6-06	1640	GRAB	VOA			X			X	X							16		5
MW-9S	9-7-06	1000					X			X	X							17		
MW-9d		1043					X			X	X							18		
MW-9LF		1159					X			X	X							19		
MW-8		1228					X			X	X							20		
MW-7S		1300					X			X	X							21		
MW-7d		1342					X			X	X							22		
MW-10S		1410					X			X	X							23		
MW-10d		1432					X			X	X							24	STD. TAT	
MW-10LF		1515					X			X	X							25		
MW-12S		1602					X			X	X							26		

Relinquished by: (signature) Michael Schenone Date / Time 9-8-06 955
Received by: (signature) Date / Time 9/8/06 958
Relinquished by: (signature) GSO Date / Time
Received by: (signature) 9/9/06 900
Relinquished by: (signature) Date / Time
Received by: (signature) Date / Time

Total # of containers 55
Chain of Custody seals Y/N/NA 8
Seals intact? Y/N/NA
Received good condition/cold 7°C

Turn around time: NORMAL

Notes
EDF

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

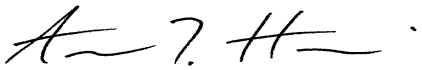
Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4d	T601225-01	Water	09/05/06 14:05	09/09/06 09:00
MW-4s	T601225-02	Water	09/05/06 14:50	09/09/06 09:00
MW-5d	T601225-03	Water	09/05/06 15:35	09/09/06 09:00
MW-5s	T601225-04	Water	09/05/06 16:45	09/09/06 09:00
MW-3	T601225-05	Water	09/06/06 08:31	09/09/06 09:00
MW-6d	T601225-06	Water	09/06/06 09:28	09/09/06 09:00
MW-6s	T601225-07	Water	09/06/06 09:57	09/09/06 09:00
MW-2d	T601225-08	Water	09/06/06 10:55	09/09/06 09:00
MW-2M	T601225-09	Water	09/06/06 11:25	09/09/06 09:00
MW-2s	T601225-10	Water	09/06/06 11:50	09/09/06 09:00
MW-1	T601225-11	Water	09/06/06 12:35	09/09/06 09:00
MW-12d	T601225-12	Water	09/06/06 13:20	09/09/06 09:00
MW-12LF	T601225-13	Water	09/06/06 14:10	09/09/06 09:00
MW-11s	T601225-14	Water	09/06/06 15:00	09/09/06 09:00
MW-11d	T601225-15	Water	09/06/06 15:40	09/09/06 09:00
MW-11LF	T601225-16	Water	09/06/06 16:40	09/09/06 09:00
MW-9s	T601225-17	Water	09/07/06 10:00	09/09/06 09:00
MW-9d	T601225-18	Water	09/07/06 10:43	09/09/06 09:00
MW-9LF	T601225-19	Water	09/07/06 11:59	09/09/06 09:00
MW-8	T601225-20	Water	09/07/06 12:28	09/09/06 09:00
MW-7s	T601225-21	Water	09/07/06 13:00	09/09/06 09:00
MW-7d	T601225-22	Water	09/07/06 13:42	09/09/06 09:00
MW-10s	T601225-23	Water	09/07/06 14:10	09/09/06 09:00
MW-10d	T601225-24	Water	09/07/06 14:32	09/09/06 09:00
MW-10LF	T601225-25	Water	09/07/06 15:15	09/09/06 09:00
MW-12s	T601225-26	Water	09/07/06 16:02	09/09/06 09:00

SunStar Laboratories, Inc.

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



Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-4d
T601225-01 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*73.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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		*99.0 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*96.2 %*	*81.1-136*		"	"	"	"	

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.

Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-4s
T601225-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*83.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*67.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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		*99.0 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.8 %*	*81.1-136*		"	"	"	"	

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.

Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-5d
T601225-03 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*69.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	EPA 8260B	
Toluene	**0.60**	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	**5.3**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*96.8 %*	*81.1-136*		"	"	"	"	

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.

Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-5s
T601225-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*86.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*67.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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	**5.4**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-3
T601225-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*92.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*80.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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	**67**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94.8 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-6d
T601225-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**230**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*74.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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	**74**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.0 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.8 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-6s
T601225-07 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**750**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**2.4**	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*79.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.70**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	**0.50**	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	**200**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.5 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-2d
T601225-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**230**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**1.7**	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*74.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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	**27**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*96.2 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-2M
T601225-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**330**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*91.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**1.9**	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*73.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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	**22**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*96.8 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-2s
T601225-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**190**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**11**	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*71.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/15/06	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	**29**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.2 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-1
T601225-11 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**920**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*92.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*67.5 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**5.3**	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		*100 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.5 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-12d
T601225-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*100 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*74.5 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94.0 %*	*81.1-136*		"	"	"	"	

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.

Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-12LF
T601225-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*75.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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		*99.8 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95.2 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-11s
T601225-14 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**1400**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*95.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**3.3**	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*78.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.8**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*126 %*	*83.5-119*		"	"	"	"	*S-GC*
Surrogate: Dibromofluoromethane		*93.5 %*	*81.1-136*		"	"	"	"	

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-11d
T601225-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**33000**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*2000000000 %*	*65-135*		*"*	*"*	*"*	*"*	*S-02*
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**210**	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*86.5 %*	*65-135*		*"*	*"*	*"*	*"*	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**25**	0.50	ug/l	1	6091225	09/12/06	09/18/06	EPA 8260B	
Toluene	**30**	0.50	"	"	"	"	"	"	
Ethylbenzene	**28**	0.50	"	"	"	"	"	"	
m,p-Xylene	**47**	1.0	"	"	"	"	"	"	
o-Xylene	**50**	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		*95.0 %*	*88.8-117*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*92.8 %*	*83.5-119*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*116 %*	*81.1-136*		*"*	*"*	*09/14/06*	*"*	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-11LF
T601225-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**5.3**	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*67.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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	**160**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94.5 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-9s
T601225-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**240**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*91.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*70.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	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		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.0 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-9d
T601225-18 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**58000**	2500	ug/l	50	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	*09/15/06*	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**5.4**	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*70.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**1800**	2.5	ug/l	5	6091225	09/12/06	09/15/06	EPA 8260B	
Toluene	**7400**	25	"	50	"	"	09/15/06	"	
Ethylbenzene	**2400**	25	"	"	"	"	"	"	
m,p-Xylene	**6100**	50	"	"	"	"	"	"	
o-Xylene	**1900**	2.5	"	5	"	"	09/15/06	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	09/14/06	"	
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		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*117 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*93.0 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-9LF
T601225-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**1100**	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*71.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**58**	0.50	ug/l	1	6091225	09/12/06	09/15/06	EPA 8260B	
Toluene	**23**	0.50	"	"	"	"	"	"	
Ethylbenzene	**31**	0.50	"	"	"	"	"	"	
m,p-Xylene	**41**	1.0	"	"	"	"	"	"	
o-Xylene	**17**	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		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.8 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-8
T601225-20 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091227	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091229	09/12/06	09/15/06	EPA 8015m	
Surrogate: Chrysene		*%*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091225	09/12/06	09/14/06	EPA 8260B	
Toluene	**3.3**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	**5.5**	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	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.5 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-7s
T601225-21 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	6091228	09/12/06	09/16/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091230	09/12/06	09/19/06	EPA 8015m	
Surrogate: Chrysene		*105 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091226	09/12/06	09/14/06	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		*85.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*126 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

MW-7d
T601225-22 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**71000**	2500	ug/l	50	6091228	09/12/06	09/18/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**22**	0.050	mg/l	1	6091230	09/12/06	09/19/06	EPA 8015m	
Surrogate: Chrysene		*101 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**360**	0.50	ug/l	1	6091226	09/12/06	09/14/06	EPA 8260B	
Toluene	**8600**	50	"	100	"	"	09/15/06	"	
Ethylbenzene	**33000**	50	"	"	"	"	"	"	
m,p-Xylene	**74000**	100	"	"	"	"	"	"	
o-Xylene	**13000**	50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	09/14/06	"	
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		*99.2 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*83.5-119*		"	"	*09/15/06*	"	
Surrogate: Dibromofluoromethane		*111 %*	*81.1-136*		"	"	*09/14/06*	"	

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-10s
T601225-23 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**93**	50	ug/l	1	6091228	09/12/06	09/18/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*90.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091230	09/12/06	09/19/06	EPA 8015m	
Surrogate: Chrysene		*106 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091226	09/12/06	09/14/06	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		*92.5 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*	*81.1-136*		"	"	"	"	

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-10d
T601225-24 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**2400**	50	ug/l	1	6091228	09/12/06	09/16/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091230	09/12/06	09/19/06	EPA 8015m	
Surrogate: Chrysene		*83.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**3.9**	0.50	ug/l	1	6091226	09/12/06	09/14/06	EPA 8260B	
Toluene	**2.0**	0.50	"	"	"	"	"	"	
Ethylbenzene	**54**	0.50	"	"	"	"	"	"	
m,p-Xylene	**11**	1.0	"	"	"	"	"	"	
o-Xylene	**0.89**	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		*99.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*121 %*	*81.1-136*		"	"	"	"	

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Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-10LF
T601225-25 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**780**	50	ug/l	1	6091228	09/12/06	09/18/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091230	09/12/06	09/19/06	EPA 8015m	
Surrogate: Chrysene		*85.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**1.7**	0.50	ug/l	1	6091226	09/12/06	09/14/06	EPA 8260B	
Toluene	**1.6**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.7**	0.50	"	"	"	"	"	"	
m,p-Xylene	**7.0**	1.0	"	"	"	"	"	"	
o-Xylene	**0.78**	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		*97.8 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*81.1-136*		"	"	"	"	

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.

Aaron Harris, Project Manager

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

MW-12s
T601225-26 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**81**	50	ug/l	1	6091228	09/12/06	09/15/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6091230	09/12/06	09/19/06	EPA 8015m	
Surrogate: Chrysene		*81.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6091226	09/12/06	09/14/06	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		*99.5 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*127 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6091227 - EPA 5030 GC										
Blank (6091227-BLK1)				Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: 4-Bromofluorobenzene	*47.7*		*ug/l*	*50.0*		*95.4*	*65-135*			
C6-C12 (GRO)	ND	50	"							
LCS (6091227-BS1)				Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: 4-Bromofluorobenzene	*55.7*		*ug/l*	*50.0*		*111*	*65-135*			
C6-C12 (GRO)	5200	50	"	5500		94.5	75-125			
Matrix Spike (6091227-MS1)	**Source: T601225-12**			Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: 4-Bromofluorobenzene	*52.4*		*ug/l*	*50.0*		*105*	*65-135*			
C6-C12 (GRO)	5370	50	"	5500	ND	97.6	65-135			
Matrix Spike Dup (6091227-MSD1)	**Source: T601225-12**			Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: 4-Bromofluorobenzene	*56.3*		*ug/l*	*50.0*		*113*	*65-135*			
C6-C12 (GRO)	5230	50	"	5500	ND	95.1	65-135	2.64	20	
Batch 6091228 - EPA 5030 GC										
Blank (6091228-BLK1)				Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/l*	*50.0*		*95.8*	*65-135*			
C6-C12 (GRO)	ND	50	"							
LCS (6091228-BS1)				Prepared: 09/12/06 Analyzed: 09/16/06						
Surrogate: 4-Bromofluorobenzene	*59.4*		*ug/l*	*50.0*		*119*	*65-135*			
C6-C12 (GRO)	5000	50	"	5500		90.9	75-125			
Matrix Spike (6091228-MS1)	**Source: T601225-26**			Prepared: 09/12/06 Analyzed: 09/16/06						
Surrogate: 4-Bromofluorobenzene	*55.5*		*ug/l*	*50.0*		*111*	*65-135*			
C6-C12 (GRO)	4820	50	"	5500	81	86.2	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 6091228 - EPA 5030 GC										
Matrix Spike Dup (6091228-MSD1)	**Source: T601225-26**			Prepared: 09/12/06 Analyzed: 09/16/06						
Surrogate: 4-Bromofluorobenzene	*53.0*		*ug/l*	*50.0*		*106*	*65-135*			
C6-C12 (GRO)	4970	50	"	5500	81	88.9	65-135	3.06	20	

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 6091229 - EPA 3510C GC										
Blank (6091229-BLK1)				Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: Chrysene	*2.78*		*mg/l*	*4.00*		*69.5*	*65-135*			
Diesel Range Hydrocarbons	ND	0.050	"							
LCS (6091229-BS1)				Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: Chrysene	*2.78*		*mg/l*	*4.00*		*69.5*	*65-135*			
Diesel Range Hydrocarbons	21.4	0.050	"	20.0		107	75-125			
Matrix Spike (6091229-MS1)	**Source: T601225-01**			Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: Chrysene	*3.15*		*mg/l*	*4.00*		*78.8*	*65-135*			
Diesel Range Hydrocarbons	20.9	0.050	"	20.0	ND	104	75-125			
Matrix Spike Dup (6091229-MSD1)	**Source: T601225-01**			Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: Chrysene	*3.16*		*mg/l*	*4.00*		*79.0*	*65-135*			
Diesel Range Hydrocarbons	22.3	0.050	"	20.0	ND	112	75-125	6.48	20	
Batch 6091230 - EPA 3510C GC										
Blank (6091230-BLK1)				Prepared: 09/12/06 Analyzed: 09/19/06						
Surrogate: Chrysene	*4.24*		*mg/l*	*4.00*		*106*	*65-135*			
Diesel Range Hydrocarbons	ND	0.050	"							
LCS (6091230-BS1)				Prepared: 09/12/06 Analyzed: 09/19/06						
Surrogate: Chrysene	*3.27*		*mg/l*	*4.00*		*81.8*	*65-135*			
Diesel Range Hydrocarbons	16.5	0.050	"	20.0		82.5	75-125			
Matrix Spike (6091230-MS1)	**Source: T601225-21**			Prepared: 09/12/06 Analyzed: 09/19/06						
Surrogate: Chrysene	*3.08*		*mg/l*	*4.00*		*77.0*	*65-135*			
Diesel Range Hydrocarbons	20.2	0.050	"	20.0	ND	101	75-125			

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 6091230 - EPA 3510C GC										
Matrix Spike Dup (6091230-MSD1)	**Source: T601225-21**			Prepared: 09/12/06 Analyzed: 09/19/06						
Surrogate: Chrysene	*3.47*		*mg/l*	*4.00*		*86.8*	*65-135*			
Diesel Range Hydrocarbons	17.1	0.050	"	20.0	ND	85.5	75-125	16.6	20	

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 6091225 - EPA 5030 GCMS										
Blank (6091225-BLK1)				Prepared: 09/12/06 Analyzed: 09/14/06						
Surrogate: Toluene-d8	*40.5*		*ug/l*	*40.0*		*101*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*42.9*		*"*	*40.0*		*107*	*83.5-119*			
Surrogate: Dibromofluoromethane	*37.5*		*"*	*40.0*		*93.8*	*81.1-136*			
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
LCS (6091225-BS1)				Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: Toluene-d8	*41.5*		*ug/l*	*40.0*		*104*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*44.4*		*"*	*40.0*		*111*	*83.5-119*			
Surrogate: Dibromofluoromethane	*39.4*		*"*	*40.0*		*98.5*	*81.1-136*			
Benzene	79.0	0.50	"	100		79.0	75-125			
Toluene	82.1	0.50	"	100		82.1	75-125			
Matrix Spike (6091225-MS1)	**Source: T601225-12**			Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: Toluene-d8	*40.9*		*ug/l*	*40.0*		*102*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*42.8*		*"*	*40.0*		*107*	*83.5-119*			
Surrogate: Dibromofluoromethane	*37.8*		*"*	*40.0*		*94.5*	*81.1-136*			
Benzene	83.2	0.50	"	100	ND	83.2	75-125			
Toluene	85.2	0.50	"	100	ND	85.2	75-125			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6091225 - EPA 5030 GCMS										
Matrix Spike Dup (6091225-MSD1)	**Source: T601225-12**			Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: Toluene-d8	*41.6*		*ug/l*	*40.0*		*104*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*43.2*		*"*	*40.0*		*108*	*83.5-119*			
Surrogate: Dibromofluoromethane	*41.1*		*"*	*40.0*		*103*	*81.1-136*			
Benzene	86.7	0.50	"	100	ND	86.7	75-125	4.12	20	
Toluene	88.0	0.50	"	100	ND	88.0	75-125	3.23	20	
Batch 6091226 - EPA 5030 GCMS										
Blank (6091226-BLK1)				Prepared: 09/12/06 Analyzed: 09/14/06						
Surrogate: Toluene-d8	*40.0*		*ug/l*	*40.0*		*100*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*36.4*		*"*	*40.0*		*91.0*	*83.5-119*			
Surrogate: Dibromofluoromethane	*51.8*		*"*	*40.0*		*130*	*81.1-136*			
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
LCS (6091226-BS1)				Prepared: 09/12/06 Analyzed: 09/15/06						
Surrogate: Toluene-d8	*41.1*		*ug/l*	*40.0*		*103*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*36.3*		*"*	*40.0*		*90.8*	*83.5-119*			
Surrogate: Dibromofluoromethane	*46.2*		*"*	*40.0*		*116*	*81.1-136*			
Benzene	101	0.50	"	100		101	75-125			
Toluene	99.0	0.50	"	100		99.0	75-125			

Tait -- Rancho Cordova	Project: Mission Valley Rock	
11280 Trade Center Drive	Project Number: EM5009C	**Reported:**
Rancho Cordova CA, 95742	Project Manager: Michael Schenone	09/20/06 16:57

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 6091226 - EPA 5030 GCMS										
Matrix Spike (6091226-MS1)	**Source: T601225-26**			Prepared: 09/12/06 Analyzed: 09/14/06						
Surrogate: Toluene-d8	*41.7*		*ug/l*	*40.0*		*104*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*38.7*		*"*	*40.0*		*96.8*	*83.5-119*			
Surrogate: Dibromofluoromethane	*46.7*		*"*	*40.0*		*117*	*81.1-136*			
Benzene	114	0.50	"	100	ND	114	75-125			
Toluene	102	0.50	"	100	ND	102	75-125			
Matrix Spike Dup (6091226-MSD1)	**Source: T601225-26**			Prepared: 09/12/06 Analyzed: 09/14/06						
Surrogate: Toluene-d8	*42.4*		*ug/l*	*40.0*		*106*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*38.5*		*"*	*40.0*		*96.2*	*83.5-119*			
Surrogate: Dibromofluoromethane	*46.8*		*"*	*40.0*		*117*	*81.1-136*			
Benzene	123	0.50	"	100	ND	123	75-125	7.59	20	
Toluene	110	0.50	"	100	ND	110	75-125	7.55	20	

SunStar Laboratories, Inc.

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Aaron Harris, Project Manager

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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