Fourth Quarter 2007
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared by:
Tait Environmental Management, Inc.

February 14, 2008

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

February 14, 2008

Mr. Jerry Wickham
Hazardous Materials Specialist
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

SUBJECT: FOURTH QUARTER 2007
GROUNDWATER MONITORING AND SAMPLING REPORT
MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

Dear Mr. Wickham,

Please find enclosed Tait Environmental Management's *Fourth Quarter 2007 Groundwater Monitoring and Sampling Report* on the above referenced site.

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

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

Sincerely,

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

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

February 14, 2008

Fourth Quarter 2007
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

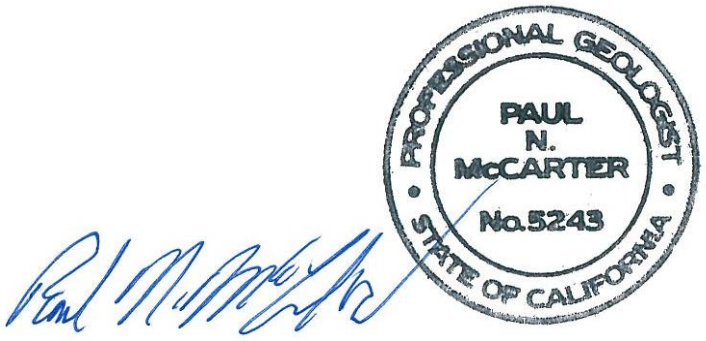
Prepared for:

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

Prepared by:

Michael Schenone
Project Scientist

Reviewed by:



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

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

Project No. EM-5009C

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

1.0 INTRODUCTION

This report summarizes the Fourth Quarter 2007 groundwater monitoring and sampling event conducted at the Mission Valley Rock Company (site) located at 7999 Athenour Way in Sunol, California (Figure 1). The wells were sampled as part of the Fourth Quarter 2007 groundwater monitoring and sampling program.

2.0 OBJECTIVE AND SCOPE OF WORK

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

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

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

3.0 BACKGROUND

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

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

In January 2005, eight additional soil borings were advanced at the site using a hollow-stem auger drill rig. Six of the borings were converted to single-, double-, and triple-completion groundwater monitoring wells for a total of 12 wells (MW-2S, MW-2M, MW-2D, MW-4S, MW-4D, MW-5S, MW-52, MW-6S, MW-6D, MW-7S, MW-7D, MW-8). Shallow wells were designated with an “S” and deep wells were designated with a “D”. Groundwater monitoring well MW-2 was abandoned. The work was performed in accordance with the Alameda County Environmental Health Services (ACEHS) directive of November 16, 2004, which requested the collection of depth-discrete groundwater samples from the site (ACEHS, 2004).

In April and May 2006, LFR, Inc. (LFR) installed, developed, sampled, and surveyed 12 additional wells (MW-9S, MW-9D, MW-9LF, MW-10S, MW-10D, MW-10LF, MW-11S, MW-11D, MW-11LF, MW-12S, MW-12D, and MW-12LF) in four well clusters, which were located peripherally to the existing wells. The "LF" wells were screened in the Livermore Formation below the deep-zone wells.

The wells installed by LFR were surveyed and added to the groundwater monitoring and sampling schedule during the Second Quarter 2006. Data concerning the wells installed in April and May 2006 were provided to TEM by LFR. Quarterly groundwater monitoring and sampling have been conducted by TEM from the Fourth Quarter 2000 through the present, excluding the 2004 calendar year.

In February 2007, LFR completed a site assessment to more completely characterize the lateral extent of the fuel hydrocarbons in groundwater in the areas north and south of well clusters MW-9 and MW-11, respectively, as well as the vertical extent of fuel hydrocarbons at deeper intervals than those currently screened in wells MW-9LF and MW-11LF (LFR, 2007). In its Site Assessment Report, dated April 10, 2007, LFR concluded, with subsequent ACEHS concurrence, that the lateral and vertical extent of the contamination in the groundwater has been sufficiently characterized in the area of the asphalt plant and that further investigation in this area is not necessary. The ACEH also concurred with LFR's recommendation of a pilot test for proposed air sparging as the primary remedial alternative. Additional data from that investigation was included in the First Quarter 2007 Groundwater Monitoring Report, and the contours presented in this report reflect that data.

4.0 SITE HYDROGEOLOGY

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

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

Groundwater levels are measured from the shallow-zone, deep-zone, and Livermore Formation wells. With the exception of the area of MW-4 and MW-10, the levels are generally similar between the zones, and the groundwater zones appear to be generally hydraulically continuous.

Based on the Fourth Quarter 2007 groundwater monitoring data, the overall depth to groundwater at the site ranged from 5.06 feet bgs in well MW-9S to 9.73 feet bgs in well MW-10LF. Relative to the Third Quarter 2007 groundwater monitoring event, groundwater levels declined in the majority of the wells. However, water levels in wells MW-1, MW-7S, MW-7D, MW-8, MW-9S, MW-10S, MW-11D, MW-12S, MW-12D, and MW-12LF have increased relative to their respective Third Quarter 2007 levels. In general, overall groundwater levels have declined an average of 0.06 feet in the wells relative to the Third Quarter 2007 monitoring event (Tait, 2007).

Groundwater in the shallow-zone wells in the southern and western parts of the site is generally flowing in a southeasterly direction at an approximate gradient of 0.012 foot/foot (ft/ft). In the northeastern part of the site, this direction appears to be affected by a groundwater mound in the area of wells MW-4S and MW-10S (Figure 3). In this area, shallow-zone groundwater is flowing in a southwesterly direction away from the mound at a gradient of approximately 0.057 ft/ft.

Groundwater in the deep-zone wells is flowing in a general southeasterly direction at a gradient of approximately 0.010 ft/ft (Figure 4).

Groundwater in the Livermore Formation is flowing in a general easterly direction a gradient of approximately 0.017 ft/ft (Figure 5).

With the exception of well MW-12S, where groundwater levels were lower than those measured in wells MW-12D and MW-12LF, vertical gradients were directed downward during the Fourth Quarter 2007.

The flow direction in the shallow-zone, deep-zone, and Livermore Formation 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. Groundwater flow in the Livermore Formation during the Fourth Quarter 2007 appears to correlate with the Third Quarter 2007 data.

5.0 GROUNDWATER MONITORING WELL PURGING AND SAMPLING

On December 10, 2007, static groundwater levels were measured and recorded in the on-site groundwater monitoring wells using an electrical product/water interface meter. Water levels were measured relative to the top of the well casing (representing the wellhead survey point). Prior to use at each well, the meter was decontaminated with a mild detergent solution and two

de-ionized water rinses. Groundwater gauging and elevation data for the Fourth Quarter 2007 event are summarized in Table 1. Historical groundwater elevation data are summarized in Table 2. Groundwater sampling data sheets are presented in Appendix B.

On December 10, 11, and 12, 2007, the groundwater monitoring wells were purged using low-flow (micro-purge) techniques. A portable Barant peristaltic low-flow pump was employed as part of the Fourth Quarter 2007 groundwater monitoring and sampling event. The Barant peristallic pump is a portable pump that uses a rotating pump head and flexible tubing to create peristaltic pumping action. Dedicated 1/8-inch polyethylene tubing was used for each well, and the tubing was left in the well as dedicated tubing following sampling activities. The Barant pump does not come in contact with groundwater, and therefore, eliminates the need for decontamination. The tubing inlet was placed into the well approximately in the middle of the screened interval.

Groundwater samples were collected from 26 wells at the site. Samples were collected once field parameters had stabilized following three successful readings. Based on the sampling method employed, it was determined that equipment blank samples were not required. Groundwater samples were collected from the discharge end of the pump tubing at low-flow levels and transferred into laboratory-supplied containers. Care was taken to ensure that no headspace was present in the containers. Following sample collection, 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. In addition to the groundwater samples, a trip blank sample (MW-1T) was included with the samples for quality assurance/quality control (QA/QC) purposes.

Approximately 10 gallons of purged groundwater were pumped into a steel 55-gallon drum during the Fourth Quarter 2007 sampling event. Integrated Waste Management of Milpitas, California provided pick-up services for the drummed purge water generated by the sampling activities. The drum was transported and disposed as non-hazardous water at Seaport Refining & Environmental in Redwood City, California on December 18, 2007. The Certificate of Disposal is contained in Appendix C.

6.0 LABORATORY ANALYSES

The groundwater samples collected during the Fourth Quarter 2007 groundwater monitoring and sampling event were analyzed for the diesel and gasoline fractions of Total Petroleum Hydrocarbons (TPHd and TPHg, respectively) using EPA Method No. 8015M; for benzene, toluene, ethylbenzene, total xylenes (BTEX); and for methyl tertiary butyl ether (MTBE), and the other fuel oxygenates tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), and ethyl tertiary-butyl ether (ETBE) using EPA Method No. 8260B.

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

phase benzene concentrations in the shallow zone, deep zone, and Livermore Formation zone are presented in Figures 12, 13, and 14, respectively.

7.0 SUMMARY OF ACTIVITIES AND FINDINGS

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

- Based on the depth to water measurements obtained by TEM, groundwater levels have declined an average of 0.06 feet this quarter relative to the corresponding Third Quarter 2007 groundwater levels.

- The groundwater flow direction for the shallow zone ranges from southeasterly to southwesterly at gradients ranging from 0.012 to 0.057 ft/ft, respectively.

- Groundwater in the deep zone is flowing toward the southeast at a gradient of about 0.010 ft/ft.

- Groundwater in the Livermore Formation is flowing in an easterly direction at a gradient of 0.017 ft/ft.

- The mounding effect in the area of wells MW-4S and MW-10s cannot be adequately explained by any specific mechanism and may be a combination of factors, including excavation and pumping operations related to aggregate extraction during the Fourth Quarter of 2007. The mounding may be potentially related to the former pit located east of the site that has been filled in over time by fine sediments settling out of the wash water and likely is less permeable than the rest of the site.

- Twenty-six groundwater samples and one trip blank sample were collected by TEM from the monitoring wells at the site, and they were delivered to SunStar for analysis.

- A maximum TPHd concentration of 48,000 micrograms per liter (µg/L) was detected in well MW-11D. Highest TPHd concentrations appear to be localized in deep-zone wells in the central and southern parts of the area extending from well MW-11D in the south to MW-9D in the north, as well as in the area of shallow zone wells MW-2S and MW-6S.

- A maximum TPHg concentration of 57,000 µg/L was detected in well MW-9D. Highest concentrations of TPHg appear to be localized in the deep-zone wells in the north-central part of the area, particularly in the vicinity of wells MW-7D and MW-9D, and in the vicinity of well MW-11D in the south-central part of the area (Figure 7).

- A maximum MTBE concentration of 86 µg/L was detected in well MW-11LF. MTBE is localized in the central and southern parts of the area in the vicinity of wells MW-2, MW-6, MW-10, and MW-11 (Figures 9, 10, and 11). MTBE is notably absent in well clusters MW-7 and MW-9 in the northern part of the area.

- A maximum benzene concentration of 880 µg/L was detected in well MW-9D. Benzene tends to be localized in the deep-zone wells in the northern part of the area in the vicinity of wells MW-7D and MW-9D (Figure 13).

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

- TBA was not detected in any of the wells during the Fourth Quarter 2007.

- In general, TPHg and BTEX tend to be localized in the groundwater in the northern part of the area, upgradient of the former USTs, whereas MTBE concentrations tend to be localized in the groundwater in the central and southern parts of the area, downgradient of the former USTs. Fluctuating groundwater conditions may have occurred at the site in the past, resulting in variable migration pathways for the fuel hydrocarbons in the groundwater.

- There is some variability between the Third Quarter 2007 and Fourth Quarter 2007 fuel hydrocarbon concentration trends; however, overall concentrations generally tended to be somewhat higher relative to the Third Quarter of 2007 levels.

- The concentrations of hydrocarbons in groundwater indicate that the deep zone is the most impacted zone at the site.

- The trip blank sample (MW-1T) contained no detectable concentrations of fuel hydrocarbons.

8.0 QUALITY ASSURANCE/QUALITY CONTROL

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

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

9.0 REFERENCES

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

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

LFR, Inc., April 10, 2007, *Site Assessment Report of Additional Lateral and Vertical Characterization and Plan for Interim Remediation at the Asphalt Plant*, Hanson Aggregates Mission Valley Rock Facility, 7999 Athenour Way, Sunol, Alameda County, California.

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

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

Tait Environmental Management, November 14, *2007, Third Quarter 2007 Groundwater Monitoring and Sampling Report*, Mission Valley Rock Company, 7999 Athenour Way, Sunol, California.

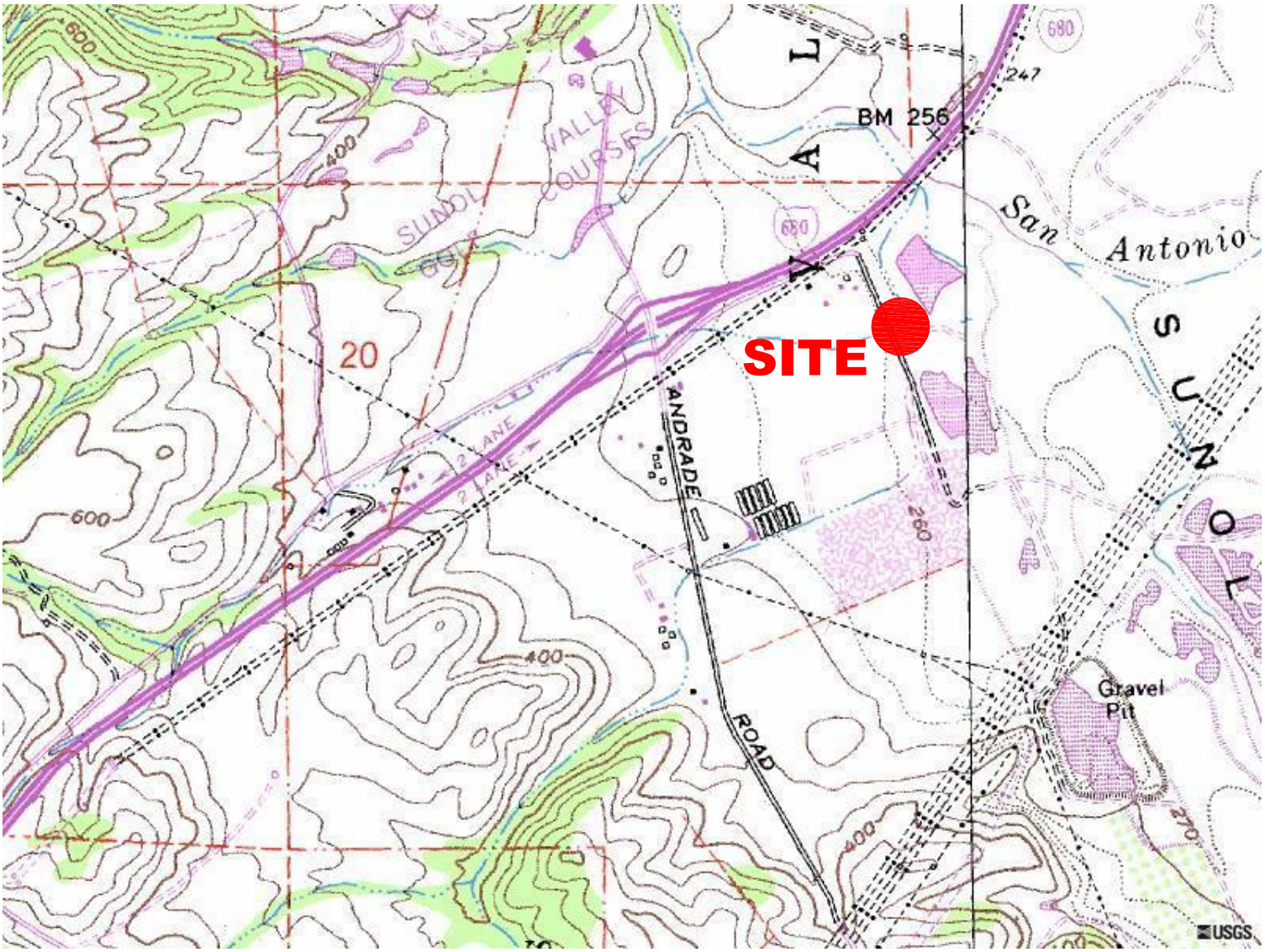
U.S. Geological Survey (USGS), 1989, *Fremont 7.5 Minute Topographic Quadrangle Map*, 1:24,000.

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\9002\Active Projects\EM5009C-Hanson Aggregates (Formerly MV Rock)\Qtly GW Monitoring\GW Monitoring 4th Qtr 2007\DRAFT MVR 4th Qtr Report 2007.doc

FIGURES



NOTES:
BASE MAP TAKEN FROM TERRASERVER.COM, UNITED STATES GEOLOGICAL SURVEY (USGS), FREEMONT QUADRANGLE, ALAMEDA COUNTY, CALIFORNIA. PRINTED JULY 1, 1989.

N

0 1000 2000

APPROXIMATE SCALE
(IN FEET)

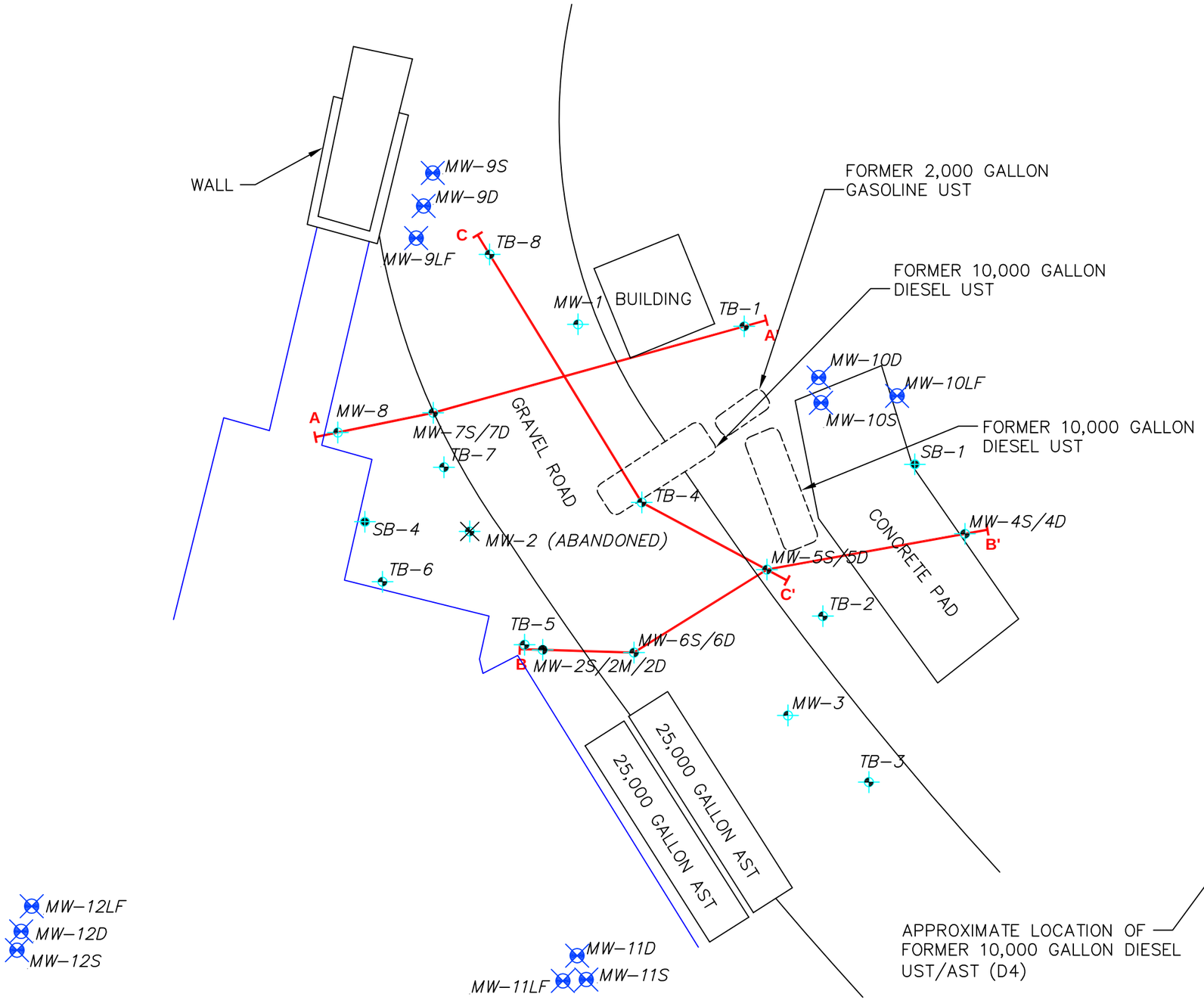
TAIT ENVIRONMENTAL MANAGEMENT, INC.
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX

SITE VICINITY MAP

HANSON AGGREGATES
(FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 1



EXPLANATION

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
B B'	CROSS SECTION LOCATIONS (APPENDIX A)

N

0 30 60

SCALE = 1" = 30'

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

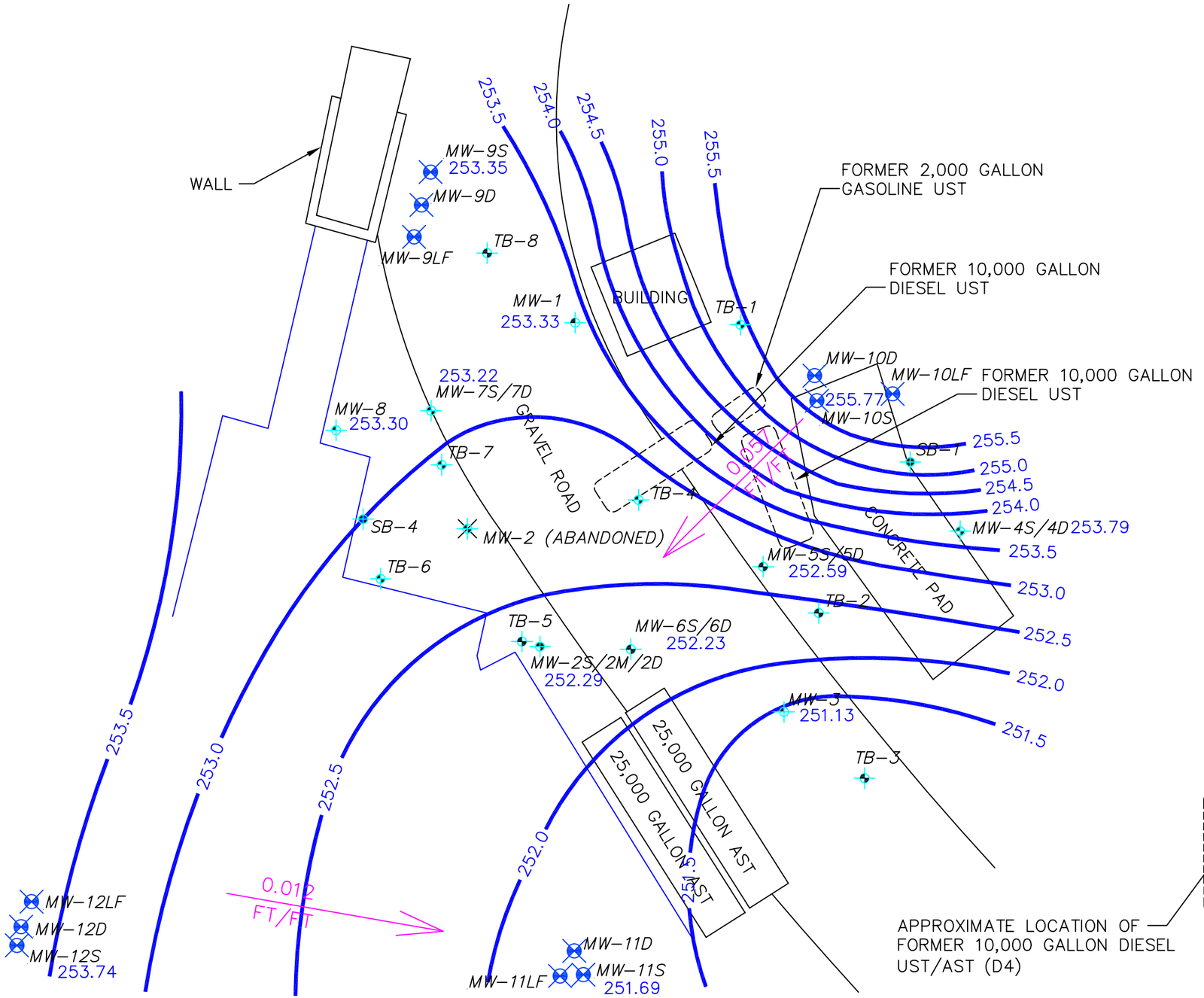
SITE PLAN

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 2



EXPLANATION

MW-9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-7S/7D	EXISTING GROUNDWATER MONITORING WELL - DUAL NESTED
MW-2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW-2	ABANDONED GROUNDWATER MONITORING WELL
TB-1	GRAB GROUNDWATER SAMPLE LOCATION
SB-1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
—253.0—	GROUNDWATER ELEVATION CONTOUR (IN FEET ABOVE MEAN SEA LEVEL)

ENVIRONMENTAL MANAGEMENT, INC.
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
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GROUNDWATER CONTOUR MAP (SHALLOW ZONE)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

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REVIEWED BY:	P.M.
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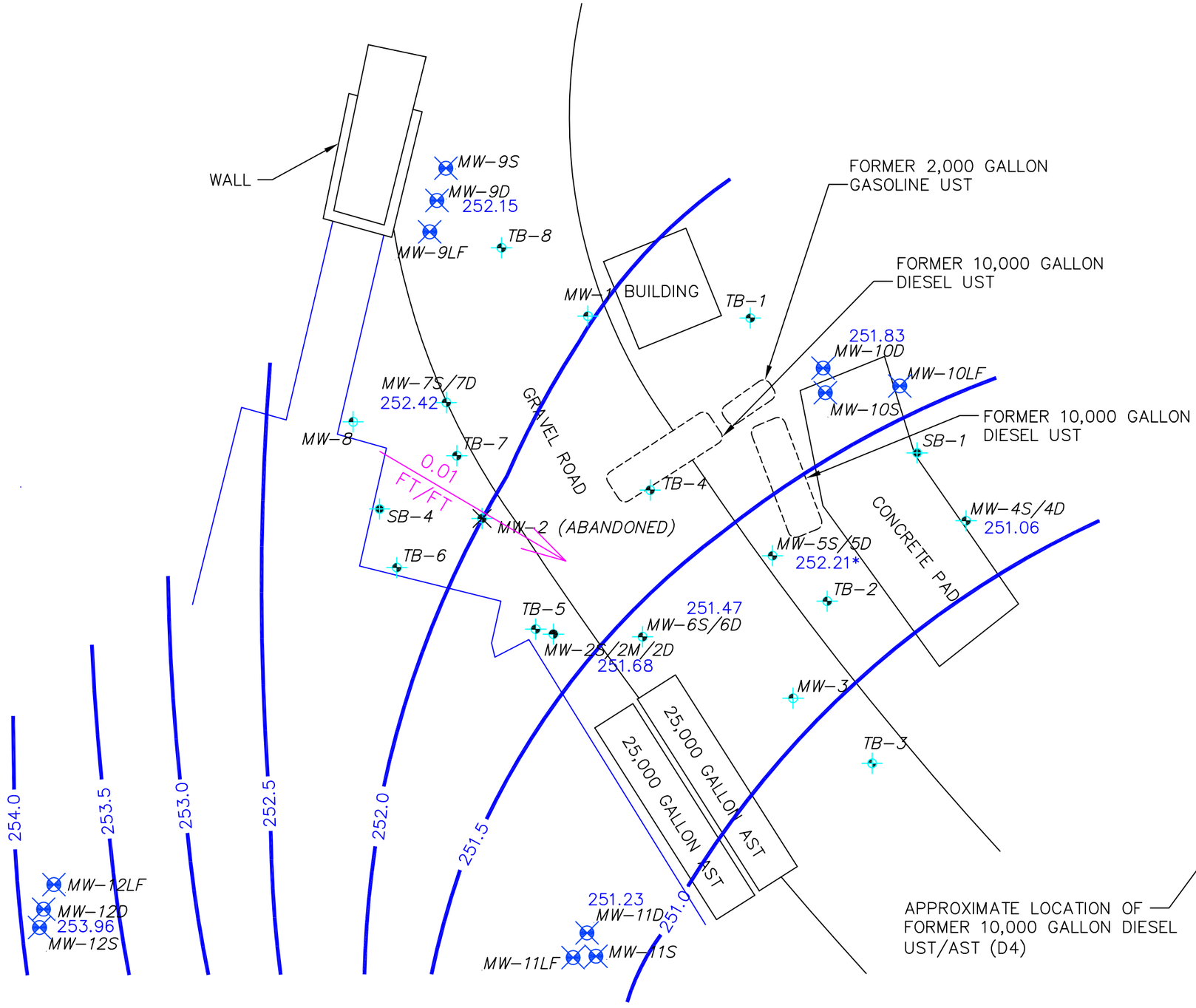
FIGURE 3



EXPLANATION

MW–9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW–1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
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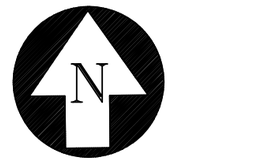
MW–2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW–2	ABANDONED GROUNDWATER MONITORING WELL
TB–1	GRAB GROUNDWATER SAMPLE LOCATION
SB–1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
—253.0—	GROUNDWATER ELEVATION CONTOUR (IN FEET ABOVE MEAN SEA LEVEL)
252.64*	NOT USED FOR CONTOURING



0 30 60

SCALE = 1" = 30'

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

GROUNDWATER CONTOUR MAP (DEEP ZONE)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

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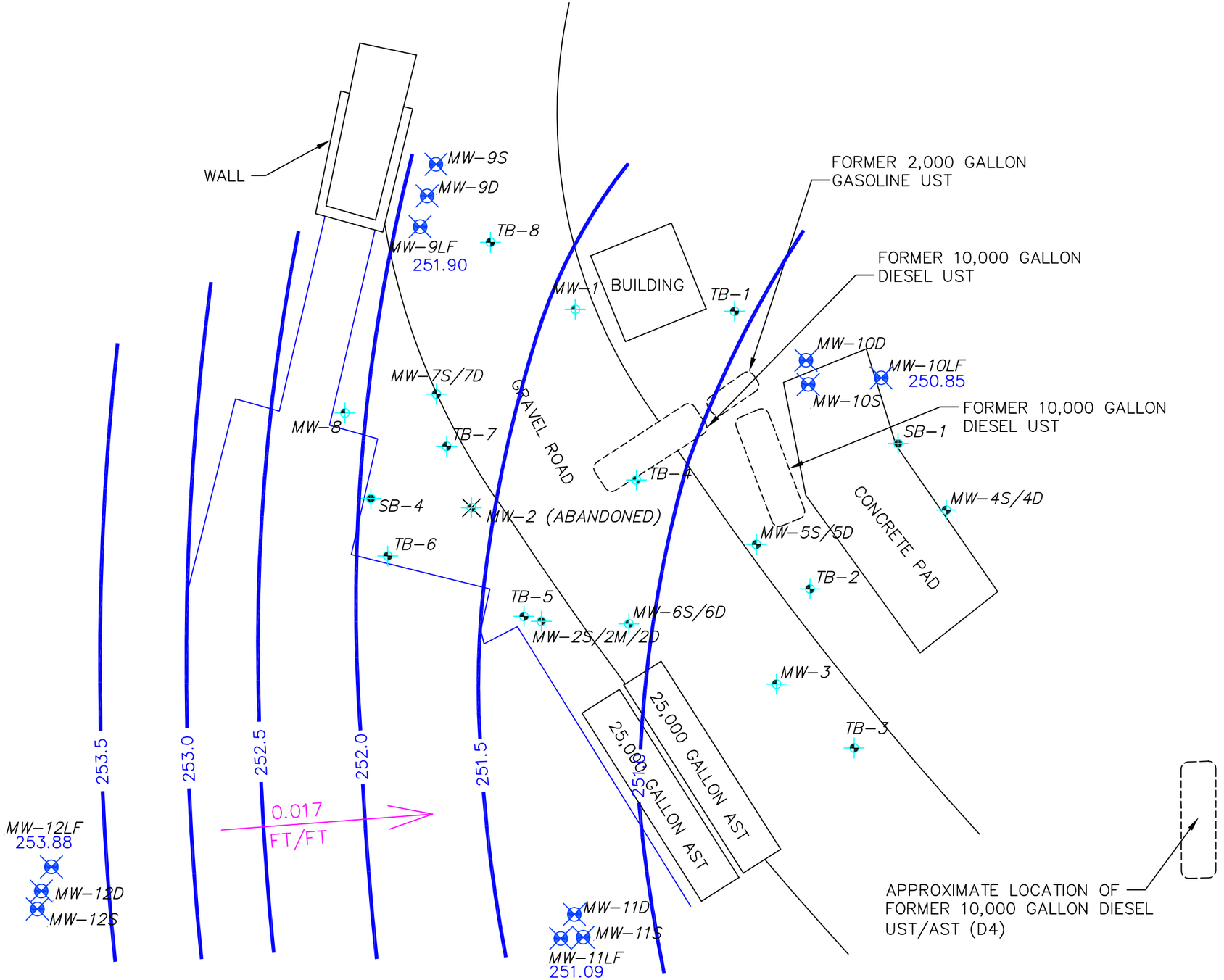
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 4



EXPLANATION

MW–9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW–1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
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TB–1	GRAB GROUNDWATER SAMPLE LOCATION
SB–1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
—252.0—	GROUNDWATER ELEVATION CONTOUR (IN FEET ABOVE MEAN SEA LEVEL)

N

0 30 60

SCALE = 1" = 30'

ENVIRONMENTAL MANAGEMENT, INC.
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
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GROUNDWATER CONTOUR MAP (LIVERMORE FORMATION)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

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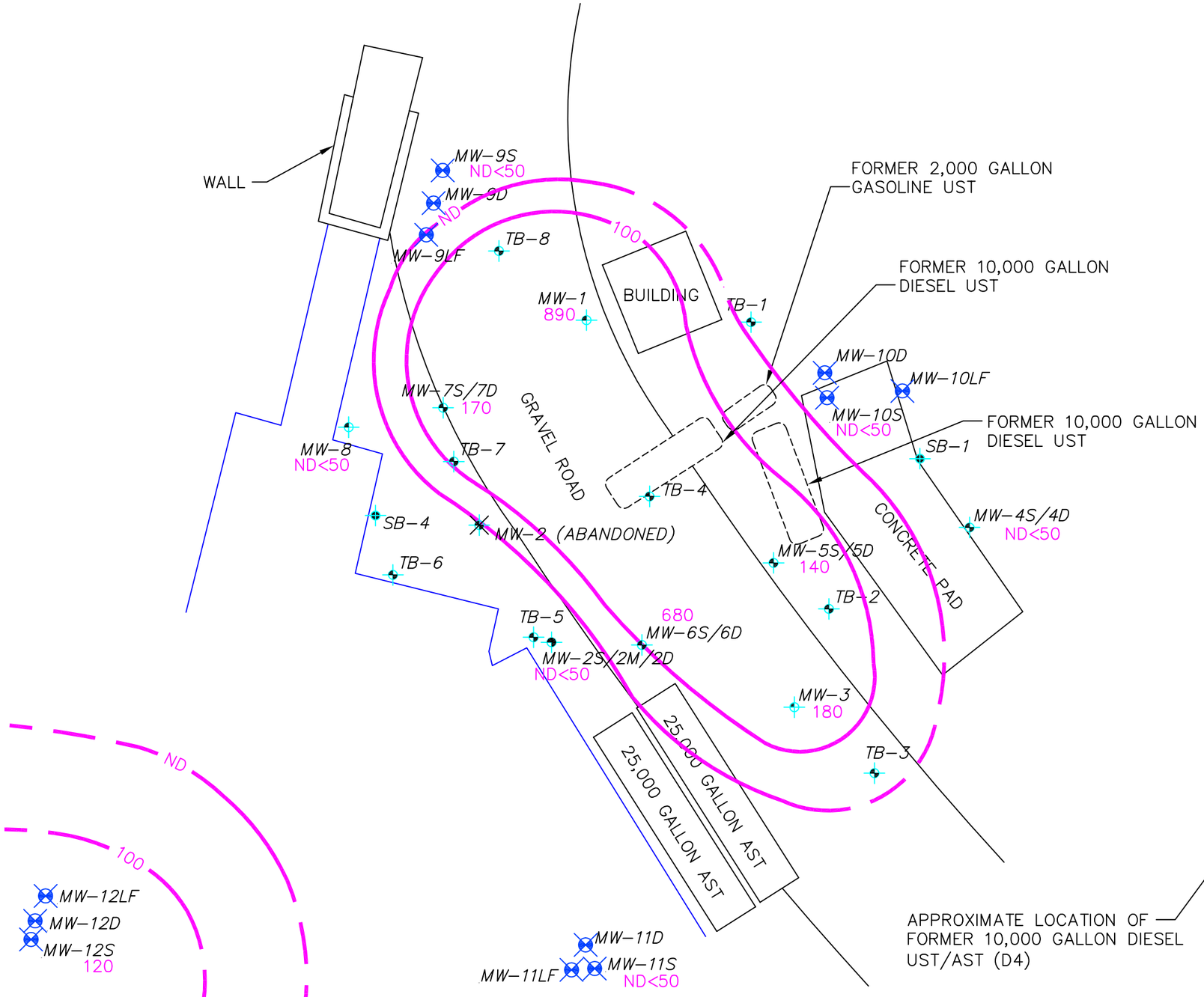
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 5



EXPLANATION

MW-9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
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TB-1	GRAB GROUNDWATER SAMPLE LOCATION
SB-1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
100	TPHg CONTOUR (µg/L)
ND	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

N

0 30 60

SCALE = 1" = 30'

ENVIRONMENTAL MANAGEMENT, INC.
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
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TPHg CONCENTRATIONS IN GROUNDWATER (SHALLOW ZONE)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

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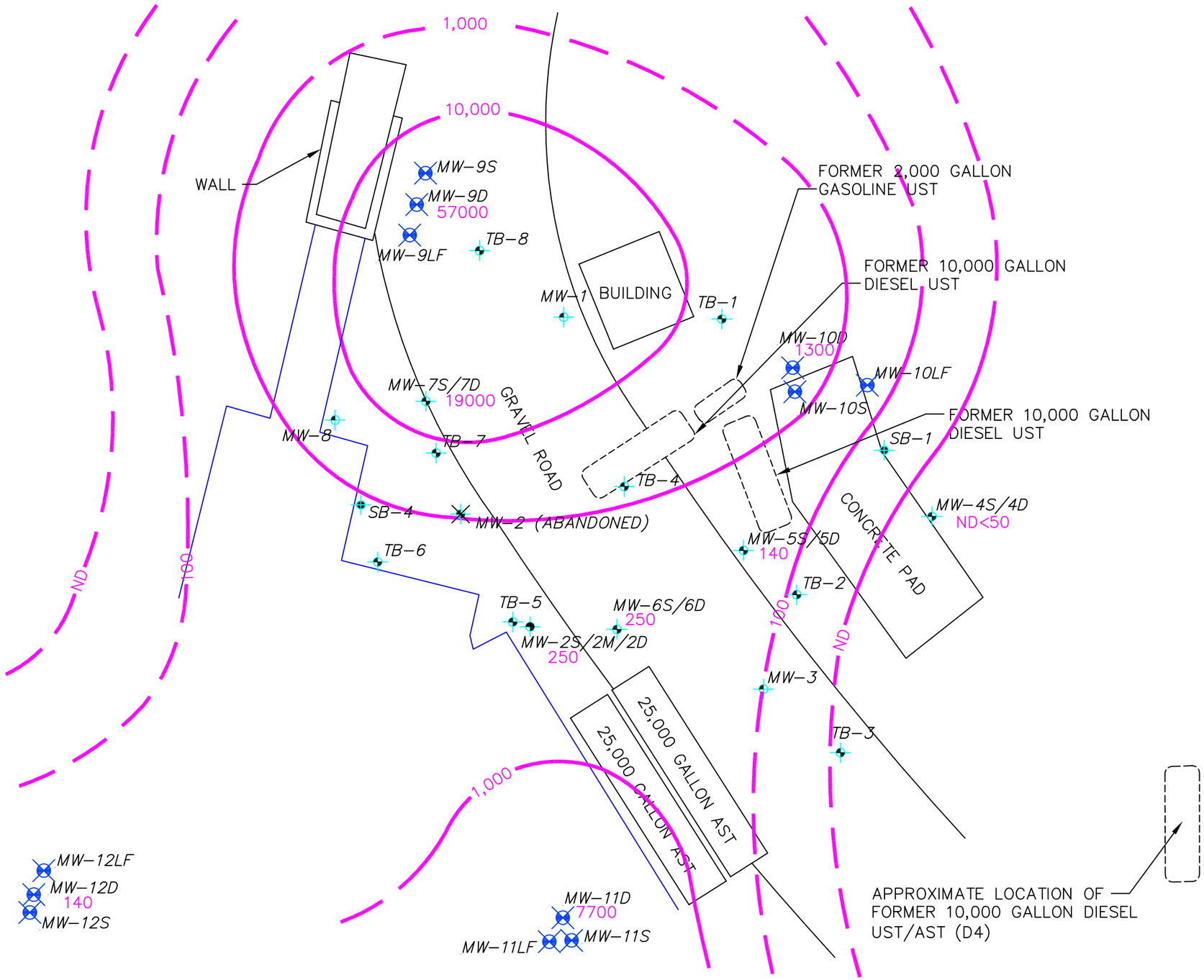
FIGURE 6



EXPLANATION

MW–9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW–1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW–7S/7D	EXISTING GROUNDWATER MONITORING WELL - DUAL NESTED
MW–2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW–2	ABANDONED GROUNDWATER MONITORING WELL
TB–1	GRAB GROUNDWATER SAMPLE LOCATION
SB–1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
—100—	TPHg CONTOUR (µg/L)
ND	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

N

0 30 60

SCALE = 1" = 30'

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

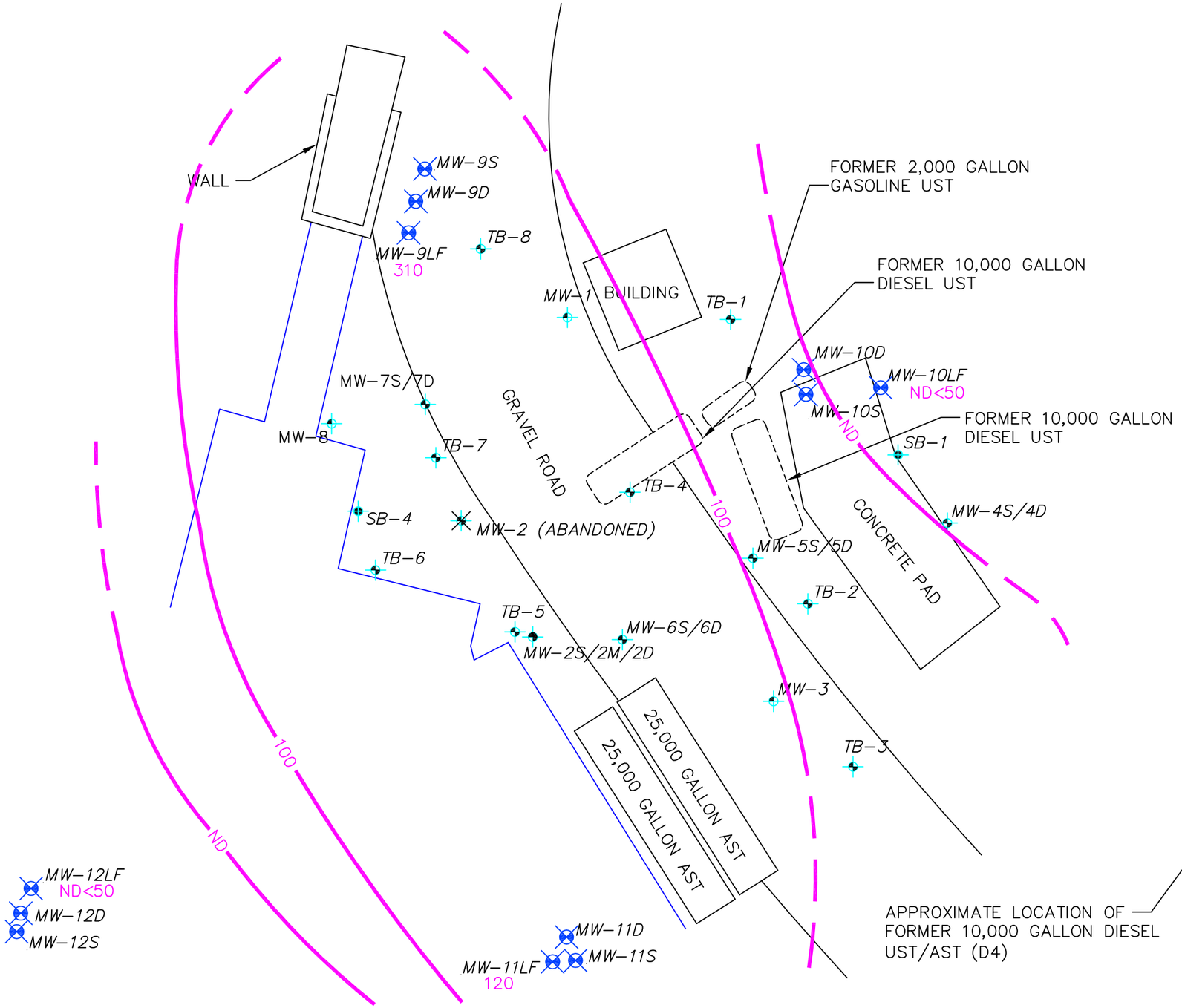
TPHg CONCENTRATIONS IN GROUNDWATER (DEEP ZONE)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 7



EXPLANATION

MW–9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW–1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW–7S/7D	EXISTING GROUNDWATER MONITORING WELL - DUAL NESTED
MW–2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW–2	ABANDONED GROUNDWATER MONITORING WELL
TB–1	GRAB GROUNDWATER SAMPLE LOCATION
SB–1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
100	TPHg CONTOUR (µg/L)
ND	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

N

0 30 60

SCALE = 1" = 30'

ENVIRONMENTAL MANAGEMENT, INC.
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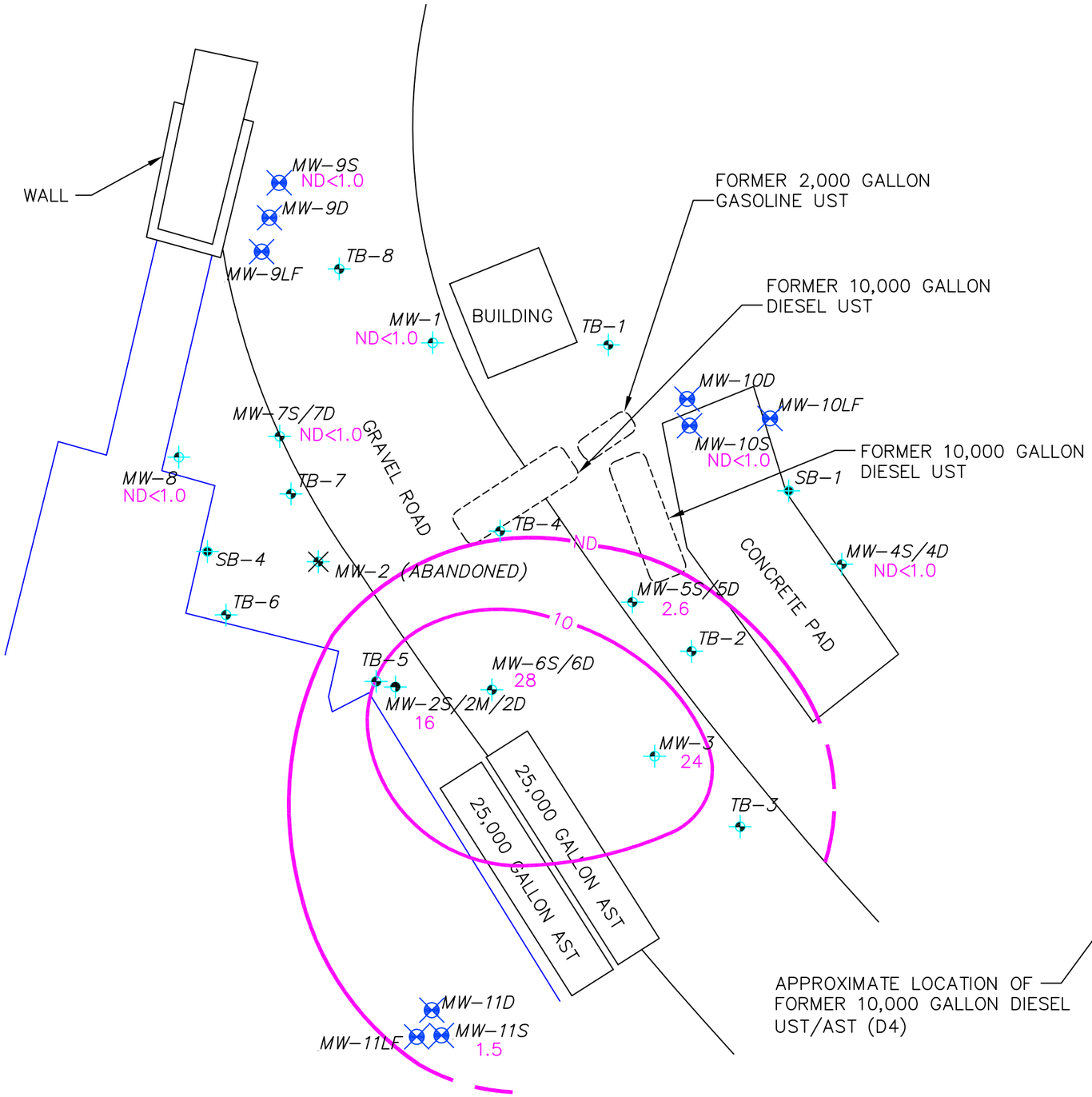
TPHg CONCENTRATIONS IN GROUNDWATER (LIVERMORE FORMATION)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 8



EXPLANATION

MW-9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-7S/7D	EXISTING GROUNDWATER MONITORING WELL - DUAL NESTED
MW-2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW-2	ABANDONED GROUNDWATER MONITORING WELL
TB-1	GRAB GROUNDWATER SAMPLE LOCATION
SB-1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
—10—	MTBE CONTOUR (µg/L)
ND	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

N

0 30 60

SCALE = 1" = 30'

ENVIRONMENTAL MANAGEMENT, INC.
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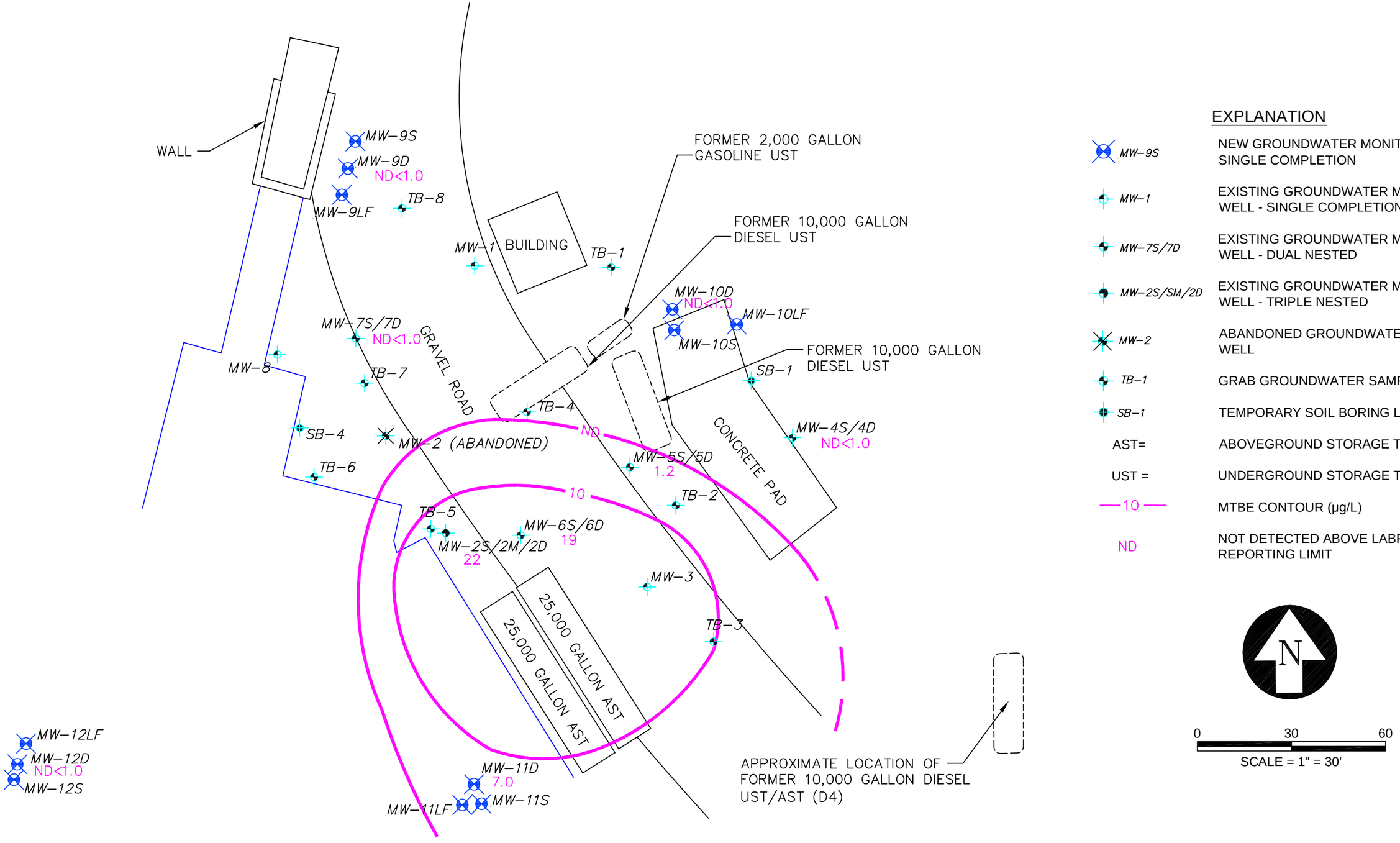
MTBE CONCENTRATIONS IN GROUNDWATER (SHALLOW ZONE)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 9



EXPLANATION

MW-9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-7S/7D	EXISTING GROUNDWATER MONITORING WELL - DUAL NESTED
MW-2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW-2	ABANDONED GROUNDWATER MONITORING WELL
TB-1	GRAB GROUNDWATER SAMPLE LOCATION
SB-1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
10	MTBE CONTOUR (µg/L)
ND	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

N

0 30 60

SCALE = 1" = 30'

ENVIRONMENTAL MANAGEMENT, INC.
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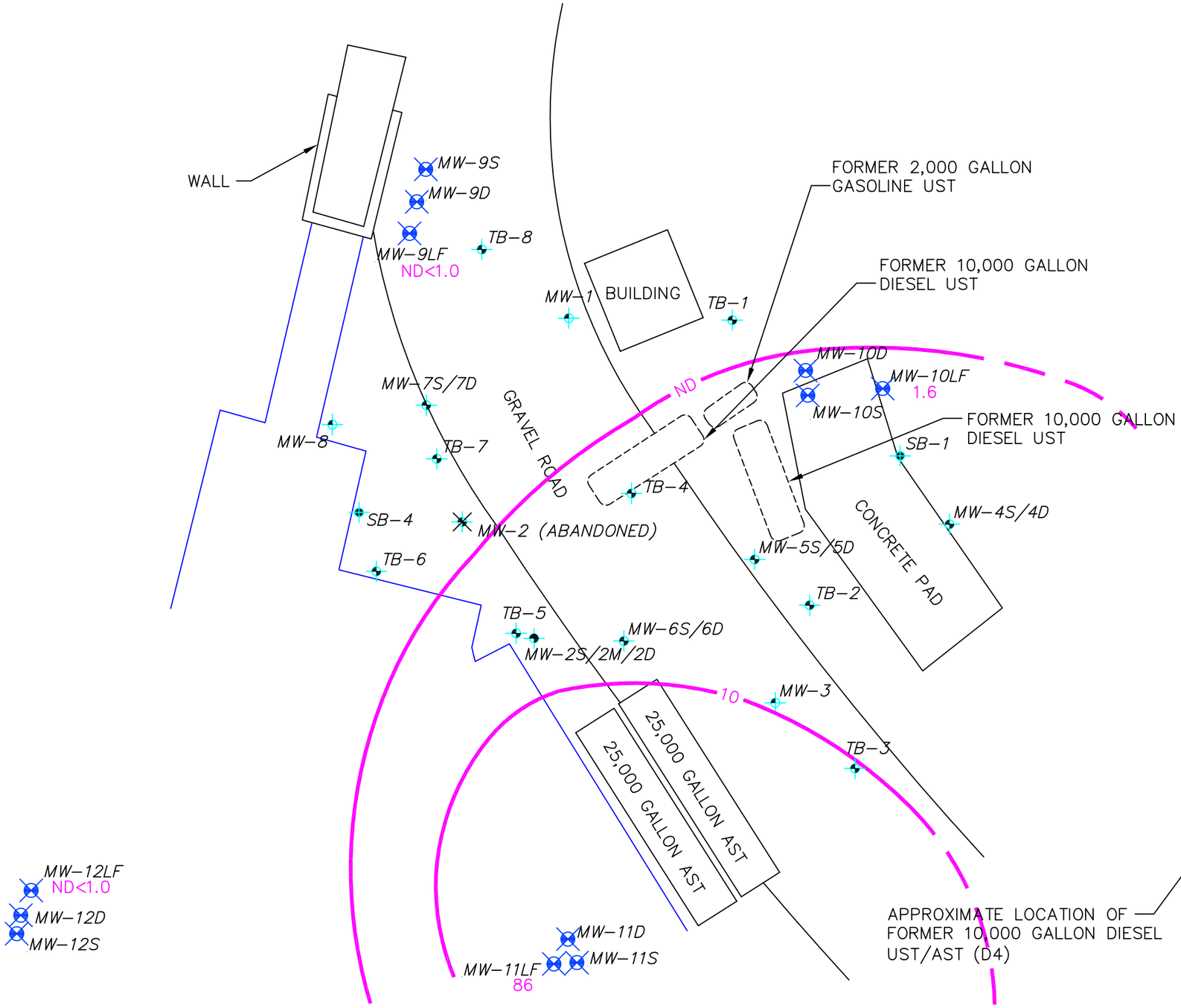
MTBE CONCENTRATIONS IN GROUNDWATER (DEEP ZONE)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 10



EXPLANATION

MW-9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-7S/7D	EXISTING GROUNDWATER MONITORING WELL - DUAL NESTED
MW-2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW-2	ABANDONED GROUNDWATER MONITORING WELL
TB-1	GRAB GROUNDWATER SAMPLE LOCATION
SB-1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
10	MTBE CONTOUR (µg/L)
ND	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

N

0 30 60

SCALE = 1" = 30'

ENVIRONMENTAL MANAGEMENT, INC.
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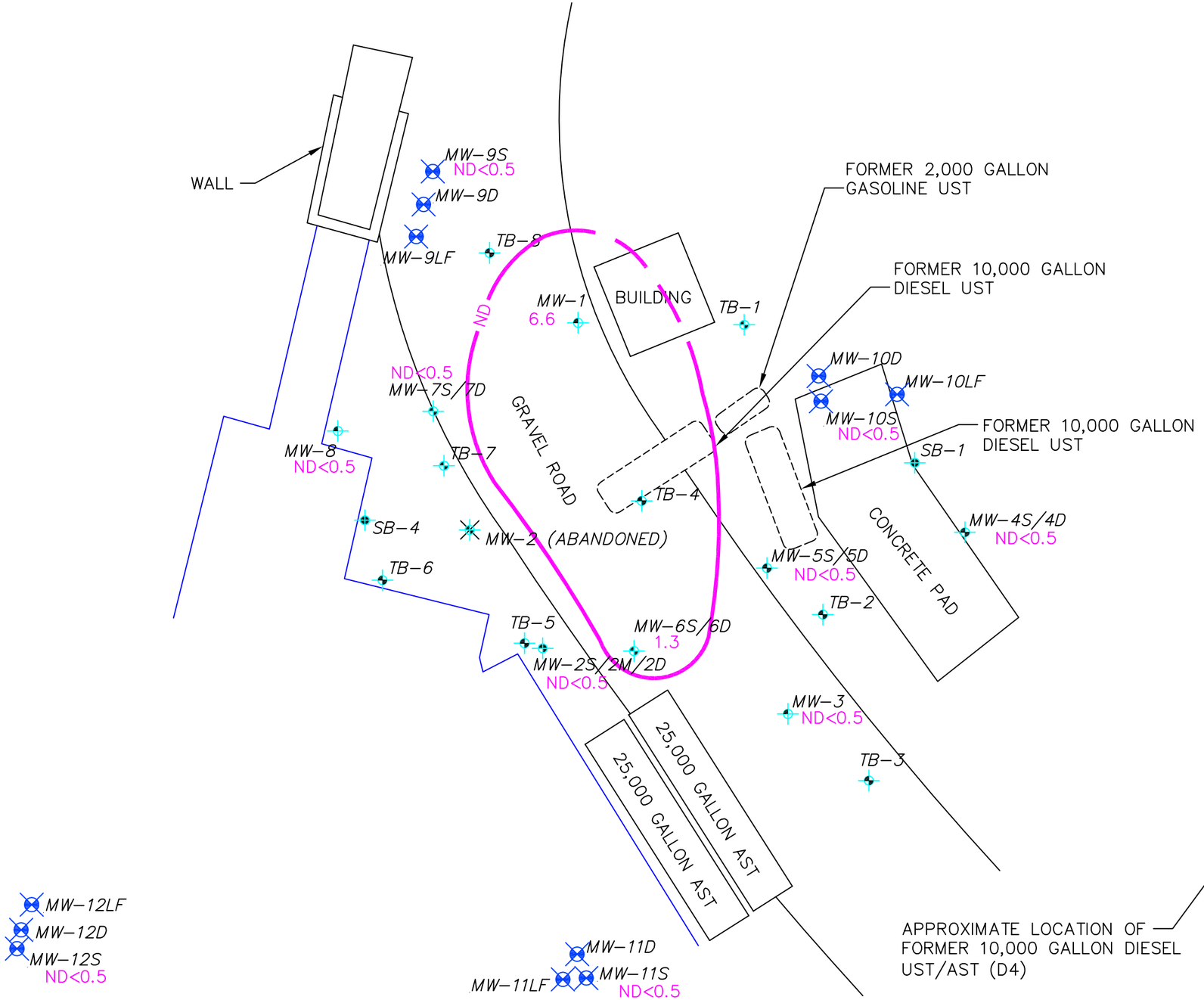
MTBE CONCENTRATIONS IN GROUNDWATER (LIVERMORE FORMATION)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 11



EXPLANATION

MW-9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW-7S/7D	EXISTING GROUNDWATER MONITORING WELL - DUAL NESTED
MW-2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW-2	ABANDONED GROUNDWATER MONITORING WELL
TB-1	GRAB GROUNDWATER SAMPLE LOCATION
SB-1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
—ND—	BENZENE CONTOUR (µg/L)
ND	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

N

0 30 60

SCALE = 1" = 30'

ENVIRONMENTAL MANAGEMENT, INC.
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(714) 560-8200
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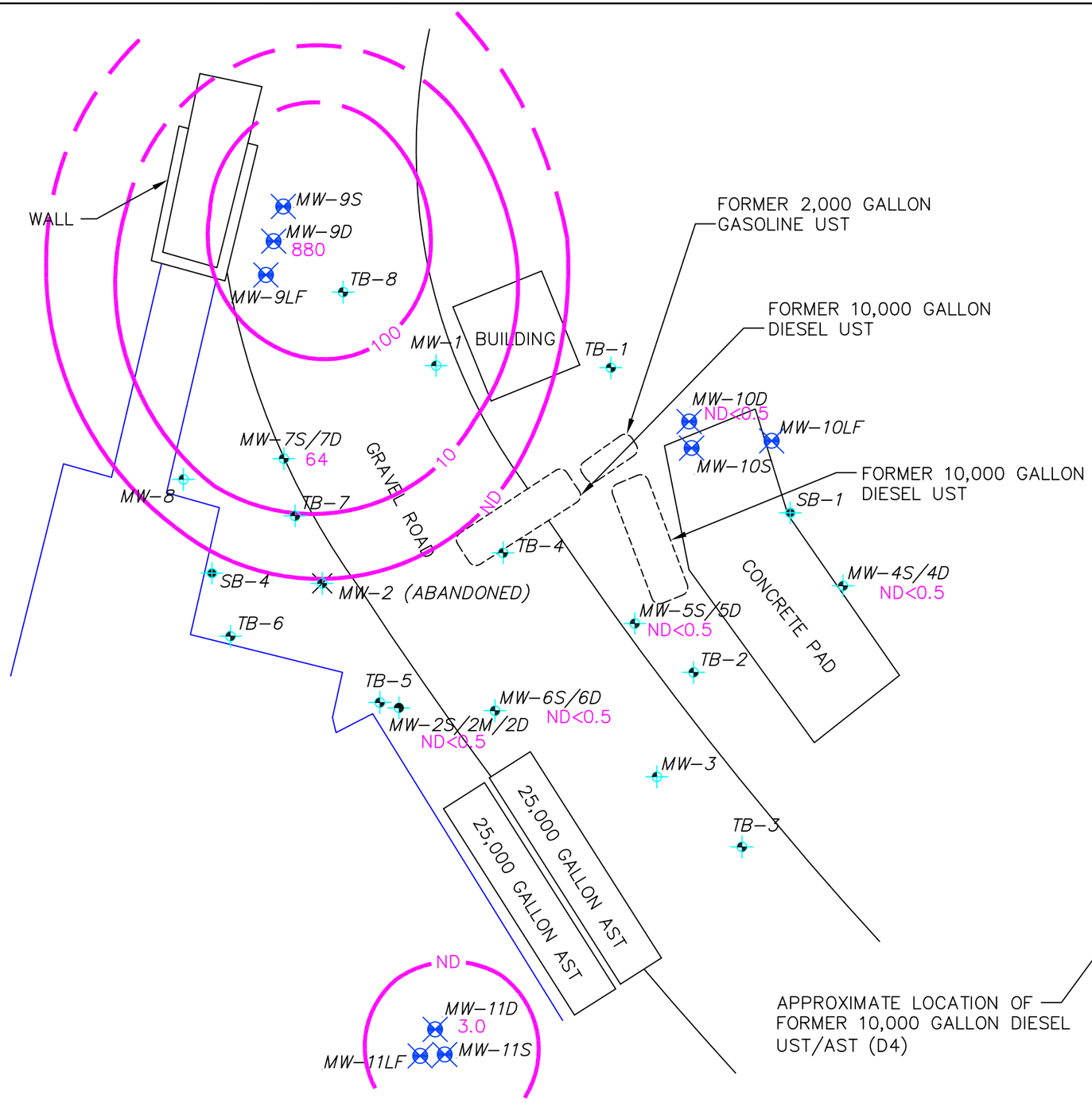
BENZENE CONCENTRATIONS IN GROUNDWATER (SHALLOW ZONE)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 12



EXPLANATION

MW–9S	NEW GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW–1	EXISTING GROUNDWATER MONITORING WELL - SINGLE COMPLETION
MW–7S/7D	EXISTING GROUNDWATER MONITORING WELL - DUAL NESTED
MW–2S/SM/2D	EXISTING GROUNDWATER MONITORING WELL - TRIPLE NESTED
MW–2	ABANDONED GROUNDWATER MONITORING WELL
TB–1	GRAB GROUNDWATER SAMPLE LOCATION
SB–1	TEMPORARY SOIL BORING LOCATION
AST=	ABOVEGROUND STORAGE TANK
UST =	UNDERGROUND STORAGE TANK
—10—	BENZENE CONTOUR (µg/L)
ND	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

N

0 30 60

SCALE = 1" = 30'

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BENZENE CONCENTRATIONS IN GROUNDWATER (DEEP ZONE)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
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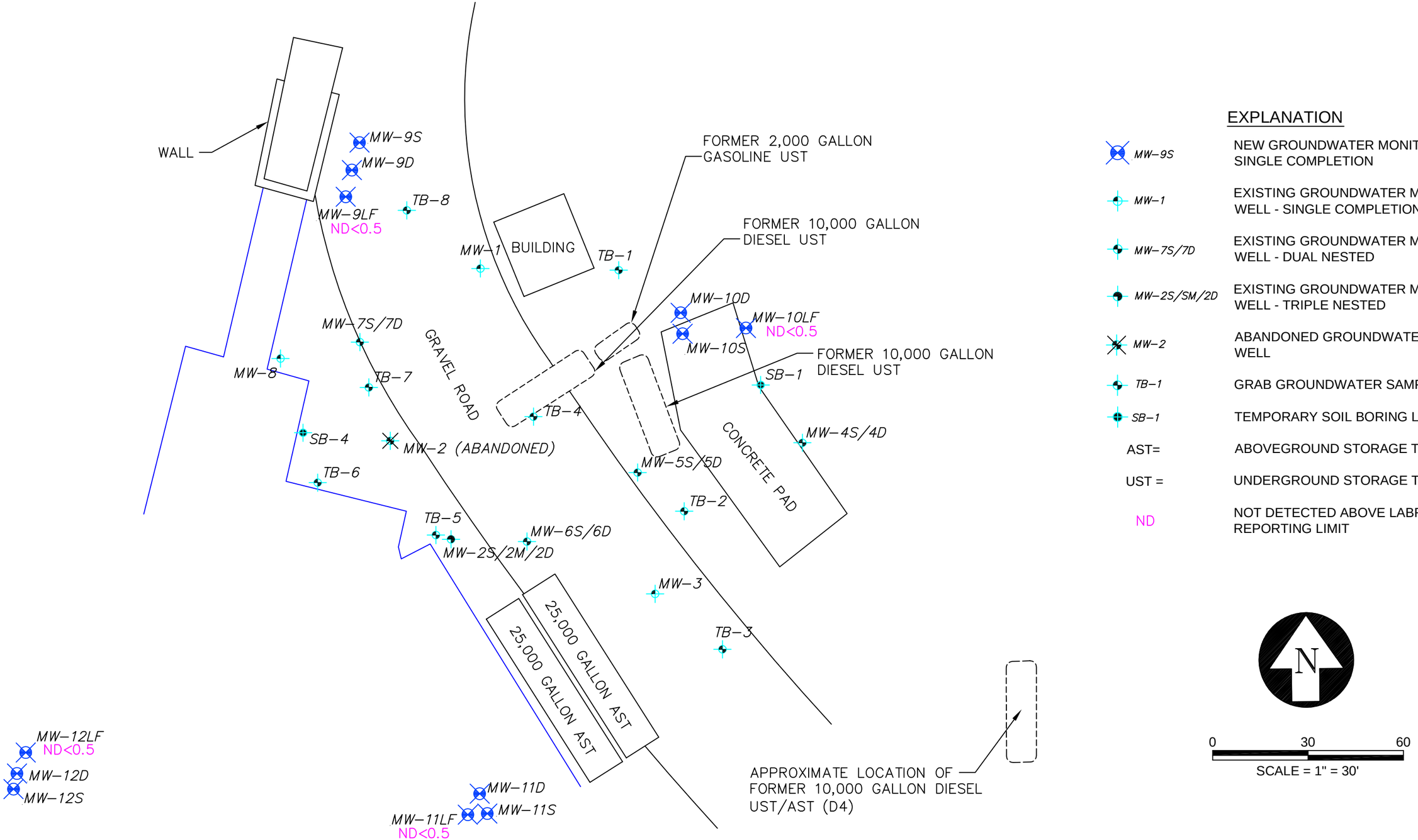
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 13



EXPLANATION

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	NOT DETECTED ABOVE LABRATORY REPORTING LIMIT

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SANTA ANA, CALIFORNIA 92705
(714) 560-8200
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BENZENE CONCENTRATIONS IN GROUNDWATER (LIVERMORE FORMATION)

FOURTH QUARTER 2007

HANSON AGGREGATES (FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY, SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

FIGURE 14

TABLES

Table 1
Well Construction Details and Groundwater Elevation Data
Fourth Quarter 2007
Mission Valley Rock Company
Sunol, California

Well ID	Casing Diameter (inches)	Depth to Water (feet below TOC)	Total Depth (feet below TOC)	Screened Interval (feet bgs)	Measuring Point Elevation (feet MSL)	Groundwater Elevation (feet MSL)
MW-1	2	5.35	17.78	5.0 - 20.0	258.68	253.33
MW-2S	2	6.55	8.71	3.0-8.0	258.84	252.29
MW-2M	2	7.04	12.29	14.0-19.0	258.99	251.95
MW-2D	2	7.23	29.54	25.0-30.0	258.91	251.68
MW-3	2	7.95	14.70	5.0-20.0	259.08	251.13
MW-4S	2	5.35	8.35	3.0-8.0	259.14	253.79
MW-4D	2	8.16	23.38	17.0-22.0	259.22	251.06
MW-5S	2	6.84	8.24	3.0-8.0	259.43	252.59
MW-5D	2	7.19	22.65	17.0-22.0	259.40	252.21
MW-6S	2	6.52	15.00	5.0-15.0	258.75	252.23
MW-6D	2	7.80	29.15	24.5-29.5	259.27	251.47
MW-7S	2	5.62	8.48	5.0-8.0	258.84	253.22
MW-7D	2	6.38	23.61	20.0-25.0	258.80	252.42
MW-8	2	5.54	15.34	5.0-15.0	258.84	253.30
MW-9S	2	5.06	12.20	5.3-12.3	258.41	253.35
MW-9D	2	6.71	24.28	18.9-23.9	258.86	252.15
MW-9LF	2	7.04	39.11	33.3-38.3	258.94	251.90
MW-10S	2	4.90	9.58	4.8-9.8	260.67	255.77
MW-10D	2	8.81	19.38	15.5-20.5	260.64	251.83
MW-10LF	2	9.73	39.90	34.4-39.4	260.58	250.85
MW-11S	2	7.27	9.43	4.8-9.8	258.96	251.69
MW-11D	2	7.75	20.50	15.3-20.3	258.98	251.23
MW-11LF	2	7.92	39.41	32.8-37.8	259.01	251.09
MW-12S	2	8.95	11.04	4.6-11.6	262.69	253.74
MW-12D	2	8.74	19.70	16.0-21.0	262.70	253.96
MW-12LF	2	9.02	39.50	33.7-38.7	262.90	253.88

Notes:

Screened intervals are approximated. Screened interval in wells is lower than the measured total depth due to silting in the bottom of wells.
The measurement point for the above wells is the north side of the top of casing.
Depth to water and total depth measurements taken by Tait Environmental Management, Inc. personnel on December 10, 2007.
Total depth and depth to water measurements taken by Tait Environmental Management from designated measurement point.
Groundwater Elevation = Measurement Point Elevation - Depth to Water.
TOC = Top of Casing
bgs = Below Ground Surface
MSL = Mean Sea Level

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

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
MW-1	256.51	06/23/98	1.32	255.19	ND
		01/05/99	2.28	254.23	ND
		03/29/99	1.88	254.63	ND
		06/10/99	3.35	253.16	ND
		09/17/99	3.66	252.85	ND
		12/27/99	2.94	253.57	ND
		03/22/00	2.72	253.79	Odor
		06/30/00	4.01	252.50	Slight Odor
		09/14/00	5.11	251.40	Slight Odor
		12/20/00	4.95	251.56	ND
		03/22/01	2.28	254.23	ND
		06/27/01	3.60	252.91	ND
		09/21/01	6.50	250.01	ND
		12/27/01	1.29	255.22	ND
		03/29/02	2.91	253.60	ND
		06/13/02	3.95	252.56	ND
		09/27/02	5.18	251.33	ND
		12/03/02	3.90	252.61	ND
		03/31/03	1.40	255.11	ND
		06/27/03	2.65	253.86	ND
		09/19/03	4.67	251.84	ND
		12/22/03	4.60	251.91	ND
	258.68	01/17/05	3.41	255.27	ND
		05/04/05	1.20	257.48	ND
		08/12/05	4.52	254.16	ND
		12/12/05	6.44	252.24	ND
		03/02/06	0.71	257.97	ND
		06/12/06	2.47	256.21	ND
		09/05/06	6.13	252.55	ND
		12/04/06	5.42	253.26	ND
		02/26/07	2.46	256.22	ND
		06/11/07	4.10	254.58	ND
		09/11/07	5.48	253.20	ND
		12/10/07	5.35	253.33	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

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

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
MW-2	256.7	06/27/03	3.10	253.60	ND
		09/19/03	5.02	251.68	ND
		12/22/03	NM	NM	ND
		01/05/05	Abandoned		
MW-2S	258.84	01/17/05	4.25	254.59	ND
		05/04/05	1.98	256.86	ND
		08/12/05	5.46	253.38	ND
		12/12/05	7.38	251.46	ND
		03/02/06	2.24	256.60	ND
		06/12/06	3.08	255.76	ND
		09/05/06	7.01	251.83	ND
		12/04/06	6.40	252.44	ND
		02/26/07	3.52	255.32	ND
		06/11/07	4.93	253.91	ND
		09/11/07	6.45	252.39	ND
		12/10/07	6.55	252.29	ND
MW-2M	258.99	01/17/05	4.68	254.31	ND
		05/04/05	2.32	256.67	ND
		08/12/05	5.77	253.22	ND
		12/12/05	7.78	251.21	ND
		03/02/06	2.10	256.89	ND
		06/12/06	3.39	255.60	ND
		09/05/06	7.36	251.63	ND
		12/04/06	6.89	252.10	ND
		02/26/07	3.79	255.20	ND
		06/11/07	5.30	253.69	ND
		09/11/07	6.88	252.11	ND
		12/10/07	7.04	251.95	ND
MW-2D	258.91	01/17/05	4.75	254.16	ND
		05/04/05	2.38	256.53	ND
		08/12/05	5.90	253.01	ND
		12/12/05	7.85	251.06	ND
		03/02/06	2.16	256.75	ND
		06/12/06	3.48	255.43	ND
		09/05/06	7.44	251.47	ND
		12/04/06	6.94	251.97	ND
		02/26/07	3.89	255.02	ND
		06/11/07	5.45	253.46	ND
		09/11/07	7.00	251.91	ND
		12/10/07	7.23	251.68	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

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

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
MW-3	256.72	12/27/01	3.77	252.95	ND
		03/29/02	5.12	251.60	ND
		06/13/02	6.52	250.20	ND
		09/27/02	7.28	249.44	ND
		12/03/02	6.40	250.32	ND
		03/31/03	4.01	252.71	ND
		06/27/03	5.13	251.59	ND
		09/19/03	5.13	251.59	ND
		12/22/03	7.20	249.52	ND
	259.08	01/17/05	5.81	253.27	ND
		05/04/05	3.50	255.58	ND
		08/12/05	6.01	253.07	ND
		12/12/05	8.45	250.63	ND
		03/02/06	3.42	255.66	ND
		06/12/06	4.15	254.93	ND
		09/05/06	7.97	251.11	ND
		12/04/06	7.30	251.78	ND
		02/26/07	4.62	254.46	ND
		06/11/07	6.11	252.97	ND
		09/11/07	7.47	251.61	ND
		12/10/07	7.95	251.13	ND
MW-4S	259.14	01/17/05	4.62	254.52	ND
		05/04/05	3.73	255.41	ND
		08/12/05	3.45	255.69	ND
		12/12/05	5.48	253.66	ND
		03/02/06	3.10	256.04	ND
		06/12/06	4.10	255.04	ND
		09/05/06	3.90	255.24	ND
		12/04/06	4.05	255.09	ND
		02/26/07	3.40	255.74	ND
		06/11/07	4.75	254.39	ND
		09/10/07	4.77	254.37	ND
		12/10/07	5.35	253.79	ND
MW-4D	259.22	01/17/05	5.96	253.26	ND
		05/04/05	3.93	255.29	ND
		08/12/05	5.60	253.62	ND
		12/12/05	8.50	250.72	ND
		03/02/06	3.63	255.59	ND
		06/12/06	4.51	254.71	ND
		09/05/06	8.18	251.04	ND
		12/04/06	7.95	251.27	ND
		02/26/07	4.49	254.73	ND
		06/11/07	6.25	252.97	ND
		09/10/07	7.54	251.68	ND
		12/10/07	8.16	251.06	ND
MW-5S	259.43	01/17/05	4.57	254.86	ND
		05/04/05	2.50	256.93	ND
		08/12/05	5.30	254.13	ND
		12/12/05	7.68	251.75	ND
		03/02/06	1.42	258.01	ND
		06/12/06	3.73	255.70	ND
		09/05/06	7.02	252.41	ND
		12/04/06	6.31	253.12	ND

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)
		02/26/07	3.06	256.37	ND
		06/11/07	5.10	254.33	ND
		09/10/07	6.49	252.94	ND
		12/10/07	6.84	252.59	ND
MW-5D	259.40	01/17/05	5.15	254.25	ND
		05/04/05	2.75	256.65	ND
		08/12/05	5.60	253.80	ND
		12/12/05	7.92	251.48	ND
		03/02/06	1.98	257.42	ND
		06/12/06	3.64	255.76	ND
		09/05/06	7.30	252.10	ND
		12/04/06	6.69	252.71	ND
		02/26/07	3.56	255.84	ND
		06/11/07	5.39	254.01	ND
		09/11/07	6.76	252.64	ND
		12/10/07	7.19	252.21	ND
MW-6S	258.75	01/17/05	4.30	254.45	ND
		05/04/05	1.96	256.79	ND
		08/12/05	5.17	253.58	ND
		12/12/05	7.48	251.27	ND
		03/02/06	1.95	256.80	ND
		06/12/06	3.10	255.65	ND
		09/05/06	6.94	251.81	ND
		12/04/06	6.30	252.45	ND
		02/26/07	3.44	255.31	ND
		06/11/07	4.80	253.95	ND
		09/11/07	6.32	252.43	ND
		12/10/07	6.52	252.23	ND
MW-6D	259.27	01/17/05	5.17	254.10	ND
		05/04/05	2.80	256.47	ND
		08/12/05	6.30	252.97	ND
		12/12/05	8.32	250.95	ND
		03/02/06	2.70	256.57	ND
		06/12/06	4.05	255.22	ND
		09/05/06	7.90	251.37	ND
		12/04/06	7.37	251.90	ND
		02/26/07	4.35	254.92	ND
		06/11/07	5.93	253.34	ND
		09/11/07	7.46	251.81	Odor
		12/10/07	7.80	251.47	ND
MW-7S	258.82	01/17/05	3.42	255.40	ND
		05/04/05	1.44	257.38	ND
		08/12/05	4.80	254.02	ND
		12/12/05	6.64	252.18	ND
		03/02/06	0.95	257.87	ND
	258.84	06/12/06	2.55	256.29	ND
		09/05/06	6.30	252.54	ND
		12/04/06	5.60	253.24	ND
		02/26/07	2.61	256.23	ND
		06/11/07	4.32	254.52	ND
		09/10/07	5.76	253.08	ND
		12/10/07	5.62	253.22	ND
		01/17/05	5.50	252.57	ND

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

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
MW-7D	258.07	05/04/05	1.45	256.62	ND
		08/12/05	4.70	253.37	ND
		12/12/05	7.40	250.67	ND
		03/02/06	5.10	252.97	Gasoline odor
	258.80	06/12/06	3.66	255.14	Gasoline odor
		09/05/06	7.19	251.61	ND
		12/04/06	6.64	252.16	ND
		02/26/07	3.65	255.15	ND
		06/11/07	4.95	253.85	ND
		09/11/07	6.59	252.21	Odor
		12/10/07	6.38	252.42	ND
MW-8	258.84	01/17/05	3.45	255.39	ND
		05/04/05	1.25	257.59	ND
		08/12/05	4.92	253.92	ND
		12/12/05	6.67	252.17	ND
		03/02/06	0.78	258.06	ND
		06/12/06	2.44	256.40	ND
		09/05/06	6.45	252.39	ND
		12/04/06	5.80	253.04	ND
		02/26/07	2.68	256.16	ND
		06/11/07	4.32	254.52	ND
		09/10/07	5.80	253.04	ND
		12/10/07	5.54	253.30	ND
MW-9S	258.41	06/12/06	2.14	256.27	ND
		09/05/06	5.92	252.49	ND
		12/04/06	5.21	253.20	ND
		02/26/07	3.28	255.13	ND
		06/11/07	3.70	254.71	ND
		09/11/07	5.26	253.15	ND
		12/10/07	5.06	253.35	ND
MW-9D	258.86	06/12/06	3.16	255.70	ND
		09/05/06	7.12	251.74	ND
		12/04/06	6.58	252.28	ND
		02/26/07	3.52	255.34	Sheen
		06/11/07	5.19	253.67	Sheen
		09/11/07	6.67	252.19	Odor
		12/10/07	6.71	252.15	ND
MW-9LF	258.94	06/12/06	3.46	255.48	ND
		09/05/06	7.37	251.57	ND
		12/04/06	6.85	252.09	ND
		02/26/07	3.79	255.15	ND
		06/11/07	8.94	250.00	ND
		09/11/07	7.00	251.94	ND
		12/10/07	7.04	251.90	ND
MW-10S	260.67	06/12/06	5.00	255.67	ND
		09/05/06	5.62	255.05	ND
		12/04/06	5.04	255.63	ND
		02/26/07	3.88	256.79	ND
		06/11/07	4.84	255.83	ND
		09/11/07	4.94	255.73	ND
		12/10/07	4.90	255.77	ND
		06/12/06	5.42	255.22	ND
		09/05/06	8.92	251.72	ND

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

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
MW-10D	260.64	12/04/06	8.18	252.46	ND
		02/26/07	5.40	255.24	ND
		06/11/07	7.13	253.51	ND
		09/11/07	8.50	252.14	ND
		12/10/07	8.81	251.83	ND
MW-10LF	260.58	06/12/06	5.99	254.59	ND
		09/05/06	9.65	250.93	ND
		12/04/06	9.02	251.56	ND
		02/26/07	6.23	254.35	ND
		06/11/07	7.86	252.72	ND
		09/11/07	9.24	251.34	ND
		12/10/07	9.73	250.85	ND
MW-11S	258.96	06/12/06	3.69	255.27	ND
		09/05/06	7.69	251.27	ND
		12/04/06	7.28	251.68	ND
		02/26/07	4.20	254.76	ND
		06/11/07	5.72	253.24	ND
		09/11/07	7.10	251.86	ND
		12/10/07	7.27	251.69	ND
MW-11D	258.98	06/12/06	3.70	255.28	ND
		09/05/06	8.50	250.48	ND
		12/04/06	7.65	251.33	ND
		02/26/07	4.48	254.50	Sheen
		06/11/07	6.14	252.84	Sheen
		09/12/07	8.08	250.90	Sheen
		12/10/07	7.75	251.23	ND
MW-11LF	259.01	06/12/06	3.90	255.11	ND
		09/05/06	7.84	251.17	ND
		12/04/06	7.75	251.26	ND
		02/26/07	4.69	254.32	ND
		06/11/07	6.15	252.86	ND
		09/10/07	7.70	251.31	ND
		12/10/07	7.92	251.09	ND
MW-12S	262.69	06/12/06	5.77	256.92	ND
		09/05/06	10.51	252.18	ND
		12/04/06	10.00	252.69	ND
		02/26/07	6.45	256.24	ND
		06/11/07	7.95	254.74	ND
		09/10/07	9.54	253.15	ND
		12/10/07	8.95	253.74	ND
MW-12D	262.70	06/12/06	5.69	257.01	ND
		09/05/06	10.40	252.30	ND
		12/04/06	9.94	252.76	ND
		02/26/07	6.47	256.23	ND
		06/11/07	7.96	254.74	ND
		09/11/07	9.45	253.25	ND
		12/10/07	8.74	253.96	ND
MW-12LF	262.90	06/12/06	5.92	256.98	ND
		09/05/06	10.69	252.21	ND
		12/04/06	10.25	252.65	ND
		02/26/07	6.65	256.25	ND
		06/11/07	8.10	254.80	ND
		09/11/07	9.71	253.19	ND

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

Well	Top of Casing Elevation (Feet)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
		12/10/07	9.02	253.88	ND

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

Table 3
Groundwater Analytical Results
Fourth Quarter 2007
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Tert-amyl methyl ether TAME (ug/L)	Tert-butyl alcohol (ug/L)	MTBE (ug/L)
MW-1	12/11/07	ND<500	**890**	**6.60**	**0.54**	**0.50**	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-2S	12/11/07	**16000**	ND<50	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<10	ND<50	**16**
MW-2M	12/11/07	ND<500	**370**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**9.4**
MW-2D	12/11/07	ND<500	**250**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**22**
MW-3	12/11/07	ND<500	**180**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**24**
MW-4S	12/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-4D	12/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-5S	12/10/07	ND<500	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**2.6**
MW-5D	12/11/07	ND<500	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.2**
MW-6S	12/11/07	**5200**	**680**	**1.3**	ND<0.5	**12.0**	**1.1**	ND<2.0	ND<10	**28**
MW-6D	12/12/07	ND<500	**250**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**19**
MW-7S	12/10/07	ND<500	**170**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-7D	12/12/07	**2500**	**19000**	**64**	**160**	**1100**	**2000**	ND<2.0	ND<10	ND<1.0
MW-8	12/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-9S	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-9D	12/12/07	**3400**	**57000**	**880**	**5800**	**2800**	**9100**	ND<2.0	ND<10	ND<1.0
MW-9LF	12/11/07	ND<500	**310**	ND<0.5	**0.89**	ND<0.5	**2.22**	ND<2.0	ND<10	ND<1.0
MW-10S	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-10D	12/11/07	ND<500	**1300**	ND<0.5	ND<0.5	**0.61**	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-10LF	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.6**
MW-11S	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.5**

Table 3
Groundwater Analytical Results
Fourth Quarter 2007
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Tert-amyl methyl ether TAME (ug/L)	Tert-butyl alcohol (ug/L)	MTBE (ug/L)
MW-11D	12/12/07	**48000**	**7700**	**3.0**	**3.0**	**11**	**30**	ND<2.0	ND<10	**7.0**
MW-11LF	12/10/07	ND<500	**120**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**86**
MW-12S	12/10/07	ND<500	**120**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-12D	12/10/07	ND<500	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-12LF	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0

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

Analyses for benzene, toluene, ethylbenzene, total xylenes, methyl-tert-butyl ether (MTBE), Tert-amyl methyl ether (TAME), and Tert-butyl alcolhol (TBA) were performed using EPA Method No. 8260B.
Di-isoproppyl ether (DIPE), and Ethyl tert-butyl ther (ETBE) were not detected above laboratory detection limits.
Total xylene concentrations were determined by adding m,p-xylene and o-xylene from laboratory report.
ug/L = Micrograms per Liter
ND = Non-detect at or above corresponding laboratory reporting limit.

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

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-1	06/23/98	**0.1**	**3,100**	**19**	**2.3**	**91**	**48**	ND<2.0	ND<10	**110**
	10/01/98	**0.1**	**2,300**	**3.1**	**4.2**	**5.0**	**15**	ND<2.0	ND<10	ND<0.5
	01/05/99	**350**	ND<50	**12**	**7.5**	**20**	**6.2**	ND<2.0	ND<10	ND<5.0
	03/29/99	**190**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/10/99	**210**	**1,800**	**1.2**	**0.9**	**1.5**	**4.6**	ND<2.0	ND<10	ND<0.5
	09/17/99	**62**	**180**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	12/27/99	**290**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	03/22/00	**86**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/30/00	**70**	**450**	**2.1**	ND<0.5	**2.1**	**1.4**	ND<2.0	ND<10	**7.6**
	09/14/00	ND<50	**850**	**5.4**	ND<0.5	**9.4**	**2.6**	ND<2.0	ND<10	**9.8**
	12/20/00	ND<1,000	**370**	**5.3**	ND<1.0	**2.7**	ND<3.0	ND<2.0	ND<10	**55**
	03/22/01	ND<1,000	**700**	ND<1.0	ND<1.0	**1.4**	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/27/01	ND<1,000	**170**	ND<1.0	ND<1.0	**1.2**	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/21/01	ND<1,000	**730**	**1.4**	ND<1.0	**7.6**	**1.2**	ND<2.0	ND<10	ND<1.0
	12/27/01	**1000**	**500**	**15**	ND<1.0	**27**	**5.5**	ND<2.0	ND<10	ND<1.0
	03/29/02	**12000**	**29000**	**50**	ND<25	**960**	**290**	ND<2.0	ND<10	ND<25
	06/13/02	ND<1,000	**1400**	**3.5**	ND<1.0	**42**	**7.9**	ND<2.0	ND<10	ND<1.0
	09/27/02	**1400**	**760**	ND<1.0	ND<1.0	**4.3**	**1.1**	ND<2.0	ND<10	ND<1.0
	12/03/02	ND<1,000	**1600**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/31/03	ND<1,000	**620**	**1.2**	ND<1.0	**12**	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/27/03	ND<1,000	**0.61**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/19/03	ND<1,000	**1.2**	ND<1.0	ND<1.0	**6.4**	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/22/03	ND<1,000	**0.49**	ND<1.0	ND<1.0	**3**	ND<1.0	ND<2.0	ND<10	ND<1.0
	01/17/05	ND<50	**63**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	**1200**	ND<0.5	ND<0.5	**8.5**	**1.2**	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	**410**	ND<0.5	ND<0.5	**2.4**	ND<0.5	ND<2.0	ND<10	ND<1.0
	12/13/05	ND<50	**750**	**3.8**	ND<0.5	**4.2**	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	**310**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	**96**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/06/06	ND<50	**920**	ND<0.5	ND<0.5	**5.3**	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/05/06	ND<50	**1200**	**1.4**	ND<0.5	**1.5**	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/27/07	ND<500	**430**	**1.1**	ND<0.5	**7.9**	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	**370**	**0.9**	ND<0.5	**17**	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/11/07	ND<500	**270**	**0.80**	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/11/07	ND<500	**890**	**6.60**	**0.54**	**0.50**	ND<1.0	ND<2.0	ND<10	ND<1.0

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

Table 4
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Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-2	06/23/98	**12,000**	**2,500**	**0.68**	ND<0.50	**1.2**	**0.57**	ND<2.0	ND<10	**14**
	10/01/98	**4,300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	01/05/99	**38,000**	ND<5,000	ND<50	ND<50	**51**	**190**	ND<2.0	ND<10	ND<500
	03/29/99	**580**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/10/99	**4,500**	**24,000**	**38**	**27**	**41**	**98**	ND<2.0	ND<10	ND<0.5
	09/17/99	**24,000**	**1,400**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**27**
	12/27/99	**2,300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	03/22/00	**620**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/30/00	**1,700**	**270**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**17**
	09/14/00	**5,800**	**130**	ND<0.5	ND<0.5	ND<0.5	**0.94**	ND<2.0	ND<10	**12**
	12/20/00	**19,000**	**1700**	ND<50	ND<50	ND<50	ND<150	ND<2.0	ND<10	ND<250
	03/22/01	**610000**	**3300**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**9**
	06/27/01	**8800**	**1800**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**6.7**
	09/21/01	**530000**	**7000**	ND<50	ND<50	ND<50	ND<50	ND<2.0	ND<10	ND<50
	12/27/01	**27000**	**310**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**62**
	03/29/02	**65000**	**130**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**30**
	06/13/02	**130000**	**460**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**24**
	09/27/02	**480000**	**290**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**16**
	12/03/02	**61000**	**1800**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**10**
	03/31/03	**5000**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**14**
	06/27/03	**8.1**	**360**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**20**
	09/19/03	**85**	**12**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**15**
	12/22/03	NS								
	01/17/05	Abandoned								
MW-2S	01/17/05	**1100**	**730**	ND<0.5	ND<0.5	**1.0**	**3.5**	ND<2.0	ND<10	**50**
	05/04/05	**8200**	**190**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**44**
	08/12/05	**6100**	**120**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**77**
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**26**
	03/03/06	**5900**	**160**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**21**
	06/13/06	**8700**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**22**
	09/06/06	**11000**	**190**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**29**
	12/05/06	**18000**	ND<50	ND<0.5	ND<50	ND<0.5	ND<1.0	ND<2.0	ND<10	**38**
	02/28/07	**6600**	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**33**
	06/12/07	**3700**	**90**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	**12**	**19**
	09/11/07	**17000**	ND<50	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<10	ND<50	**46**
	12/11/07	**16000**	ND<50	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<10	ND<50	**16**
MW-2M	01/17/05	**4100**	**3300**	**6.5**	**1.7**	**89**	**82.2**	ND<2.0	ND<10	**38**
	05/04/05	ND<50	**610**	ND<0.5	ND<0.5	**16**	**10.6**	ND<2.0	ND<10	**32**
	08/12/05	ND<50	**460**	ND<0.5	ND<0.5	**2.5**	**1.2**	ND<2.0	ND<10	**56**
	12/12/05	ND<50	**410**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**28**
	03/03/06	ND<50	**290**	ND<0.5	ND<0.5	**0.5**	ND<1.0	ND<2.0	ND<10	**17**
	06/13/06	ND<50	**130**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/06/06	**1900**	**330**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**22**
	12/05/06	**6100**	**340**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**37**
	02/27/07	ND<500	**310**	ND<0.5	ND<0.5	**0.65**	ND<1.0	ND<2.0	ND<10	**25**
	06/12/07	**350**	**290**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**14**
	09/11/07	**4900**	**220**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**14**
	12/11/07	ND<500	**370**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**9.4**

TPHd: diesel
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Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-2D	01/17/05	**1800**	**1000**	**6.5**	ND<0.5	**80**	**71**	ND<2.0	ND<10	**62**
	05/04/05	ND<50	**250**	ND<0.5	ND<0.5	**4.6**	**1.6**	ND<2.0	ND<10	**72**
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	**2.8**	**1.1**	ND<2.0	ND<10	**51**
	12/12/05	ND<50	**200**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**39**
	03/03/06	ND<50	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**38**
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**36**
	09/06/06	**1700**	**230**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**27**
	12/05/06	**3000**	**150**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**37**
	02/27/07	**1100**	**140**	ND<0.5	ND<0.5	**0.63**	**1.1**	ND<2.0	ND<10	**25**
	06/12/07	ND<500	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**19**
	09/11/07	**4600**	**120**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**15**
	12/11/07	ND<500	**250**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**22**
MW-3	06/23/98	**12,000**	**300**	**0.80**	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**150**
	10/01/98	**6400**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	01/05/99	**5,600**	ND<100	**1.6**	**1.4**	ND<1.0	ND<1.0	ND<2.0	ND<10	**110**
	03/29/99	**150**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/10/99	**620**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	09/17/99	**1,500**	**230**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**89**
	12/27/99	**58**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	03/22/00	**94**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<0.5
	06/30/00	**240**	**170**	ND<0.5	**0.52**	ND<0.5	ND<0.5	ND<2.0	ND<10	**100**
	09/14/00	**850**	**170**	**0.81**	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**68**
	12/20/00	**1600**	**230**	ND<1.0	ND<1.0	ND<1.0	ND<3.0	ND<2.0	ND<10	**80**
	03/22/01	**1100**	**140**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**83**
	06/27/01	NS								
	09/21/01	**3800**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**45**
	12/27/01	**3100**	**340**	**1.4**	**1.1**	**10**	**3.8**	ND<2.0	ND<10	**45**
	03/29/02	**1500**	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**50**
	06/13/02	ND<1000	**160**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**36**
	09/27/02	ND<1000	ND<1000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**43**
	12/03/02	ND<1000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	**41**
	03/31/03	ND<1000	ND<100	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.0	ND<10	**92**
	06/27/03	**1200**	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	**93**
	09/19/03	ND<1000	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	**65**
	12/22/03	**5700**	**190**	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	**56**
	01/17/05	ND<50	**590**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**47**
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**190**
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**110**
	12/13/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**75**
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**140**
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**100**
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**67**
	12/05/06	ND<50	**82**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**39**
	02/27/07	**56**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**43**
	06/12/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**45**
	09/11/07	ND<500	**60**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**27**
	12/11/07	ND<500	**180**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**24**

TPHd: diesel
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MW-4S	01/17/05	ND<50	**65**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	**2.2**	**5.8**	ND<2.0	ND<10	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-4D	01/17/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	**410**	ND<0.5	**2.2**	**10**	**25.5**	ND<2.0	ND<10	ND<1.0
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**7.8**
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	09/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-5S	01/17/05	ND<50	ND<50	ND<0.5	**4.5**	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**5.8**
	12/12/05	ND<50	ND<50	**3.4**	**1.3**	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**5.4**
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**5.8**
	02/26/07	**360**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**3.2**
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**2.2**
	09/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**2.0**
	12/10/07	ND<500	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**2.6**
MW-5D	01/17/05	ND<50	**210**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**10**
	08/11/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**6.4**
	12/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**4.7**
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**5.0**
	09/05/06	ND<50	ND<50	ND<0.5	**0.60**	ND<0.5	ND<1.0	ND<2.0	ND<10	**5.3**
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.9**
	02/28/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.6**
	06/12/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**2.4**
	09/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.2**
	12/11/07	ND<500	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.2**

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

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

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-6S	01/17/05	**2800**	**1600**	**6.1**	ND<0.5	**3.6**	**2.3**	ND<2.0	ND<10	**160**
	05/04/05	ND<50	**750**	ND<0.5	ND<0.5	**3.0**	ND<0.5	ND<2.0	ND<10	**160**
	08/12/05	**1300**	**1100**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**410**
	12/12/05	ND<50	**1000**	ND<0.5	ND<0.5	**1.4**	ND<1.0	ND<2.0	ND<10	**190**
	03/03/06	ND<50	**940**	ND<0.5	ND<0.5	**4.9**	ND<1.0	ND<2.0	ND<10	**60**
	06/14/06	**1300**	**650**	ND<0.5	**1.7**	**1.9**	**2.0**	ND<2.0	ND<10	ND<1.0
	09/06/06	**2400**	**750**	ND<0.5	ND<0.5	**0.7**	**0.5**	ND<2.0	ND<10	**200**
	12/05/06	**2600**	**1000**	ND<0.5	ND<0.5	**1.2**	ND<1.0	ND<2.0	ND<10	**110**
	02/27/07	**3000**	**1100**	**0.79**	ND<0.5	**1.1**	ND<1.0	ND<2.0	ND<10	**54**
	06/12/07	**490**	**1200**	ND<0.5	ND<0.5	**1.6**	ND<1.0	ND<2.0	ND<10	**47**
	09/11/07	**930**	**370**	ND<0.5	ND<0.5	**1.3**	ND<1.0	ND<2.0	ND<10	**48**
	12/11/07	**5200**	**680**	**1.3**	ND<0.5	**12.0**	**1.1**	ND<2.0	ND<10	**28**
MW-6D	01/17/05	**2100**	**1200**	**10**	ND<0.5	**1.6**	**2.2**	ND<2.0	ND<10	**180**
	05/04/05	ND<50	**360**	**2**	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**360**
	08/12/05	ND<50	**480**	**2**	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**270**
	12/12/05	ND<50	**240**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**92**
	03/03/06	ND<50	**310**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**93**
	06/14/06	ND<50	**130**	ND<0.5	**3.0**	**1.1**	**2.6**	ND<2.0	ND<10	**69**
	09/06/06	ND<50	**230**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**74**
	12/06/06	**1300**	**500**	**0.98**	**8.1**	**16**	**38.8**	ND<2.0	ND<10	**59**
	02/27/07	**470**	**150**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**48**
	06/13/07	ND<500	**180**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**39**
	09/12/07	ND<500	**130**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**28**
	12/12/07	ND<500	**250**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**19**
MW-7S	01/17/05	ND<50	**12000**	**10**	**89**	**590**	**1670**	ND<2.0	ND<10	ND<1.0
	05/04/05	**520**	**1600**	ND<0.5	ND<0.5	**31**	**18.4**	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	**660**	ND<0.5	ND<0.5	**5.5**	ND<0.5	ND<2.0	ND<10	ND<1.0
	12/12/05	ND<50	**610**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	**630**	**1.1**	**9**	**31**	**78**	ND<2.0	ND<10	ND<1.0
	06/14/06	ND<50	**430**	ND<0.5	ND<0.5	**6.1**	**14.5**	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	**55**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	**64**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/10/07	ND<500	**76**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/10/07	ND<500	**170**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-7D	01/17/05	ND<50	**23000**	**350**	**1000**	**1800**	**5200**	ND<2.0	ND<10	ND<1.0
	05/04/05	NS								
	08/12/05	**37**	**83000**	**550**	**2200**	**4400**	**10600**	ND<2.0	ND<10	ND<50
	12/12/05	**150000**	**1300000**	**640**	**3100**	**21000**	**54800**	ND<2.0	ND<10	ND<50
	03/03/06	**45000**	**71000**	**420**	**2400**	**4400**	**11300**	ND<2.0	ND<10	ND<1.0
	06/14/06	ND<50	**160000**	**310**	**2400**	**4500**	**9800**	ND<2.0	ND<10	ND<1.0
	09/07/06	**22000**	**71000**	**360**	**8600**	**33000**	**87000**	ND<2.0	ND<10	ND<1.0
	12/06/06	**12000**	**58000**	**160**	**1300**	**3900**	**5800**	ND<2.0	ND<10	ND<1.0
	02/28/07	**790**	**6800**	**29**	**51**	**460**	**491**	ND<2.0	ND<10	ND<1.0
	06/13/07	**23000**	**100000**	**270**	**950**	**4000**	**950**	ND<2.0	ND<10	ND<1.0
	09/12/07	**3500**	**15000**	**72**	**340**	**1300**	**1940**	ND<2.0	ND<10	ND<1.0
	12/12/07	**2500**	**19000**	**64**	**160**	**1100**	**2000**	ND<2.0	ND<10	ND<1.0

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Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-8	01/17/05	ND<50	**120**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	05/04/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	08/12/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	ND<1.0
	12/12/05	**830**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	03/03/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	ND<50	ND<0.5	**3.3**	ND<0.5	**5.5**	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-9S	05/05/06	ND<50	**1300**	**8.6**	**24**	**40**	**29.8**	ND<2.0	ND<10	ND<1.0
	06/14/06	ND<50	**330**	ND<0.5	ND<0.5	**3.0**	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	**240**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/05/06	ND<50	**190**	ND<0.5	ND<0.5	**0.76**	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/27/07	ND<500	**130**	**0.79**	**0.58**	**8.4**	**1.0**	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	**210**	**0.76**	ND<0.5	**5.5**	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/11/07	ND<500	**52**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-9D	05/05/06	**13**	**88000**	**5500**	**15000**	**4200**	**15000**	ND<2.0	ND<10	ND<1.0
	06/14/06	ND<50	**76000**	**3200**	**13000**	**2700**	**9200**	ND<2.0	ND<10	ND<1.0
	09/07/06	**5400**	**58000**	**1800**	**7400**	**2400**	**8000**	ND<2.0	ND<10	ND<1.0
	12/06/06	**9100**	**170000**	**1800**	**6700**	**3400**	**7400**	ND<2.0	ND<10	ND<1.0
	02/28/07	**4500**	**210000**	**1900**	**6200**	**2400**	**9000**	ND<2.0	ND<10	ND<1.0
	06/13/07	**11000**	**42000**	**1600**	**5100**	**2600**	**2131**	**13**	**39**	ND<1.0
	09/12/07	**4400**	**36000**	**990**	**5700**	**2800**	**4600**	ND<2.0	**30**	ND<1.0
	12/12/07	**3400**	**57000**	**880**	**5800**	**2800**	**9100**	ND<2.0	ND<10	ND<1.0
MW-9LF	05/05/06	ND<50	**5400**	**12**	**17**	**190**	**150**	ND<2.0	ND<10	ND<1.0
	06/14/06	ND<50	**1800**	**13**	**17**	**30**	**36**	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	**1100**	**58**	**23**	**31**	**58**	ND<2.0	ND<10	ND<1.0
	12/05/06	**290**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**31**
	02/27/07	ND<500	**530**	**39**	**5**	**31**	**25.4**	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	**280**	**14**	**0.92**	**3.8**	**4.5**	ND<2.0	ND<10	ND<1.0
	09/11/07	ND<500	**320**	**2.5**	**0.59**	ND<0.5	**1.94**	ND<2.0	ND<10	ND<1.0
	12/11/07	ND<500	**310**	ND<0.5	**0.89**	ND<0.5	**2.22**	ND<2.0	ND<10	ND<1.0
MW-10S	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	**93**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	**54**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0

TPHd: diesel
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Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-10D	05/05/06	ND<50	**5900**	**24**	**9**	**260**	**23**	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	**2300**	**7.6**	**2.4**	**66**	**6.6**	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	**2400**	**3.9**	**2.0**	**54**	**11.89**	ND<2.0	ND<10	ND<1.0
	12/06/06	ND<50	**1600**	**2.5**	**1.0**	**28**	**4**	ND<2.0	ND<10	ND<1.0
	02/27/07	**200**	**850**	**2.7**	**0.90**	**28**	**2.3**	ND<2.0	ND<10	ND<1.0
	06/12/07	ND<500	**830**	**1.0**	ND<0.5	**14**	**2.0**	ND<2.0	ND<10	ND<1.0
	09/11/07	ND<500	**780**	ND<0.5	ND<0.5	**1.7**	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/11/07	ND<500	**1300**	ND<0.5	ND<0.5	**0.61**	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-10LF	05/05/06	ND<50	**860**	ND<0.5	**11**	ND<0.5	**4.6**	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	**780**	**2.0**	**2.4**	**1.1**	**4.2**	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	**780**	**1.7**	**1.6**	**1.7**	**7.8**	ND<2.0	ND<10	ND<1.0
	12/05/06	**190**	**610**	**0.5**	**0.56**	ND<0.5	**1.5**	ND<2.0	ND<10	**3.7**
	02/27/07	ND<500	**580**	**1.0**	**1.1**	**0.51**	**3.6**	ND<2.0	ND<10	ND<1.0
	06/12/07	**260**	**440**	**0.5**	**0.7**	ND<0.5	**2.5**	ND<2.0	ND<10	**2.0**
	09/11/07	ND<500	**130**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**3.0**
	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.6**
MW-11S	05/05/06	ND<50	**11000**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**8.4**
	06/14/06	ND<50	**730**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/06/06	**3300**	**1400**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<10	**4.8**
	12/06/06	**1700**	**130**	**0.71**	ND<0.5	**0.64**	**0.51**	ND<2.0	ND<10	**11**
	02/27/07	**540**	**300**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**4.3**
	06/12/07	ND<500	**1800**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**4.3**
	09/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**2.8**
	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**1.5**
MW-11D	05/05/06	ND<50	**13000**	**20**	**20**	**26**	**77**	ND<2.0	ND<10	**47**
	06/14/06	**18000**	**6500**	**12**	**4.4**	**11**	**22**	ND<2.0	ND<10	**26**
	09/06/06	**210000**	**33000**	**25**	**30**	**28**	**97**	ND<2.0	ND<10	**31**
	12/06/06	**190000**	**2100**	**15**	**23**	**29**	**101**	ND<2.0	ND<10	**19**
	02/28/07	**13000**	**7400**	**8.4**	**16**	**17**	**54**	ND<2.0	ND<10	**18**
	06/13/07	**6700**	**11000**	**6.2**	**7**	**13**	**39**	ND<2.0	ND<10	**15**
	09/12/07	**21000**	**3000**	**3.6**	**4.0**	**7.9**	**22**	ND<2.0	ND<10	**8.5**
	12/12/07	**48000**	**7700**	**3.0**	**3.0**	**11**	**30**	ND<2.0	ND<10	**7.0**
MW-11LF	05/05/06	ND<50	**1300**	ND<0.5	ND<0.5	ND<0.5	**3**	ND<2.0	ND<10	**250**
	06/14/06	**1100**	**99**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**240**
	09/06/06	**5300**	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**160**
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**240**
	02/27/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**110**
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**110**
	09/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	**13**	**190**
	12/10/07	ND<500	**120**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	**86**
MW-12S	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/07/06	ND<50	**81**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	**210**	ND<1.0
	02/27/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	**19**	ND<1.0
	09/10/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/10/07	ND<500	**120**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0

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

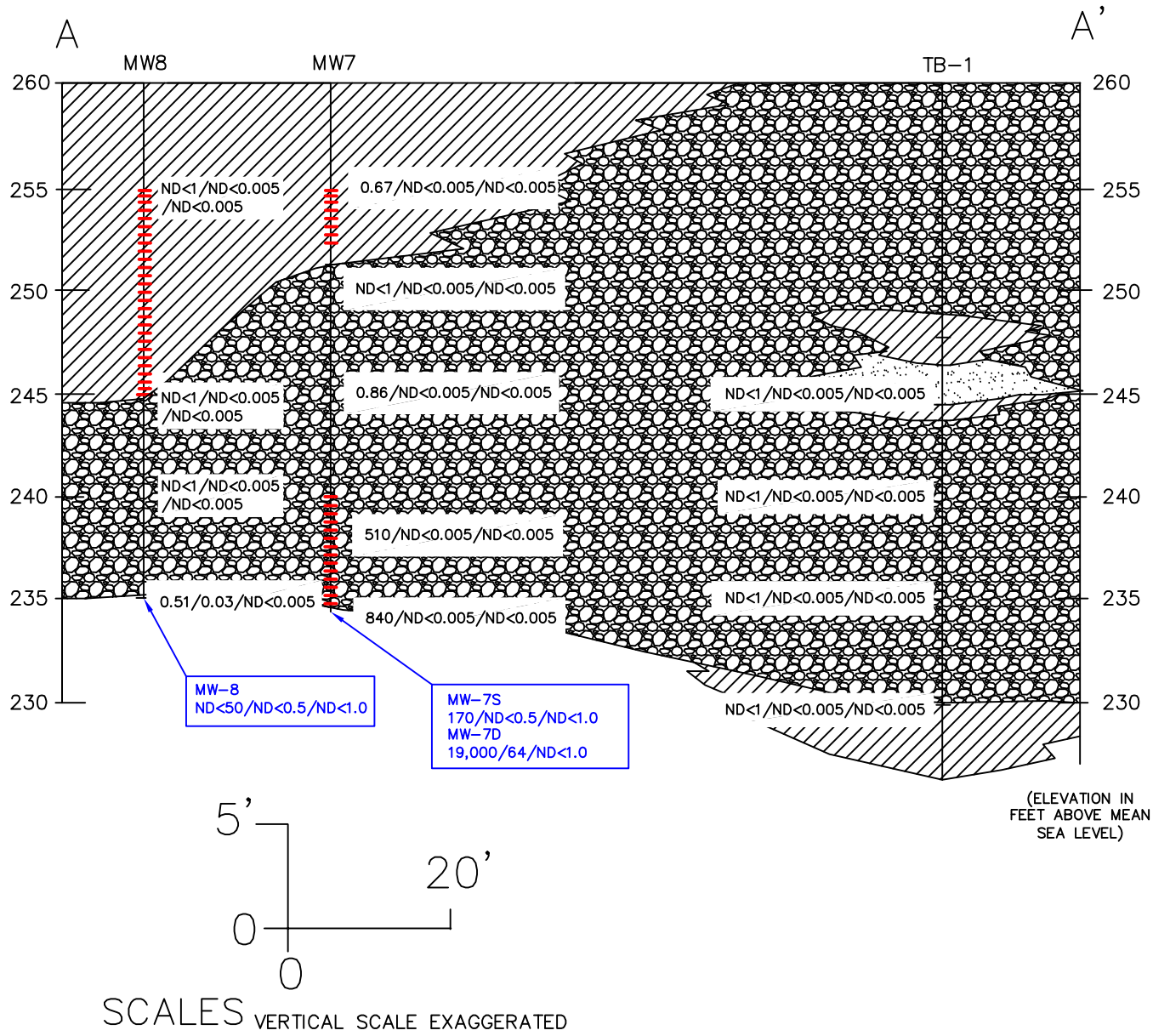
Table 4
Historical Groundwater Analytical Results
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	MTBE (ug/L)
MW-12D	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/04/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/28/07	ND<500	**51**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/10/07	ND<500	**140**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
MW-12LF	05/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/13/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/06/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/05/06	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	02/26/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	06/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	09/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0
	12/11/07	ND<500	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.0	ND<10	ND<1.0

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

APPENDIX A

CROSS SECTIONS



LEGEND

- SILTY SAND/SAND
- CLAY
- GRAVEL
- Screen Interval in Well

SOIL SAMPLE RESULTS (On Section)
TB Series (December 2002)
MW Series (January 2005)

TPHg/BENZENE/MTBE (mg/kg)
ND<1/ND<0.005/ND<0.005

GROUNDWATER DATA RESULTS
December 2007 (µg/l) (Below Section):

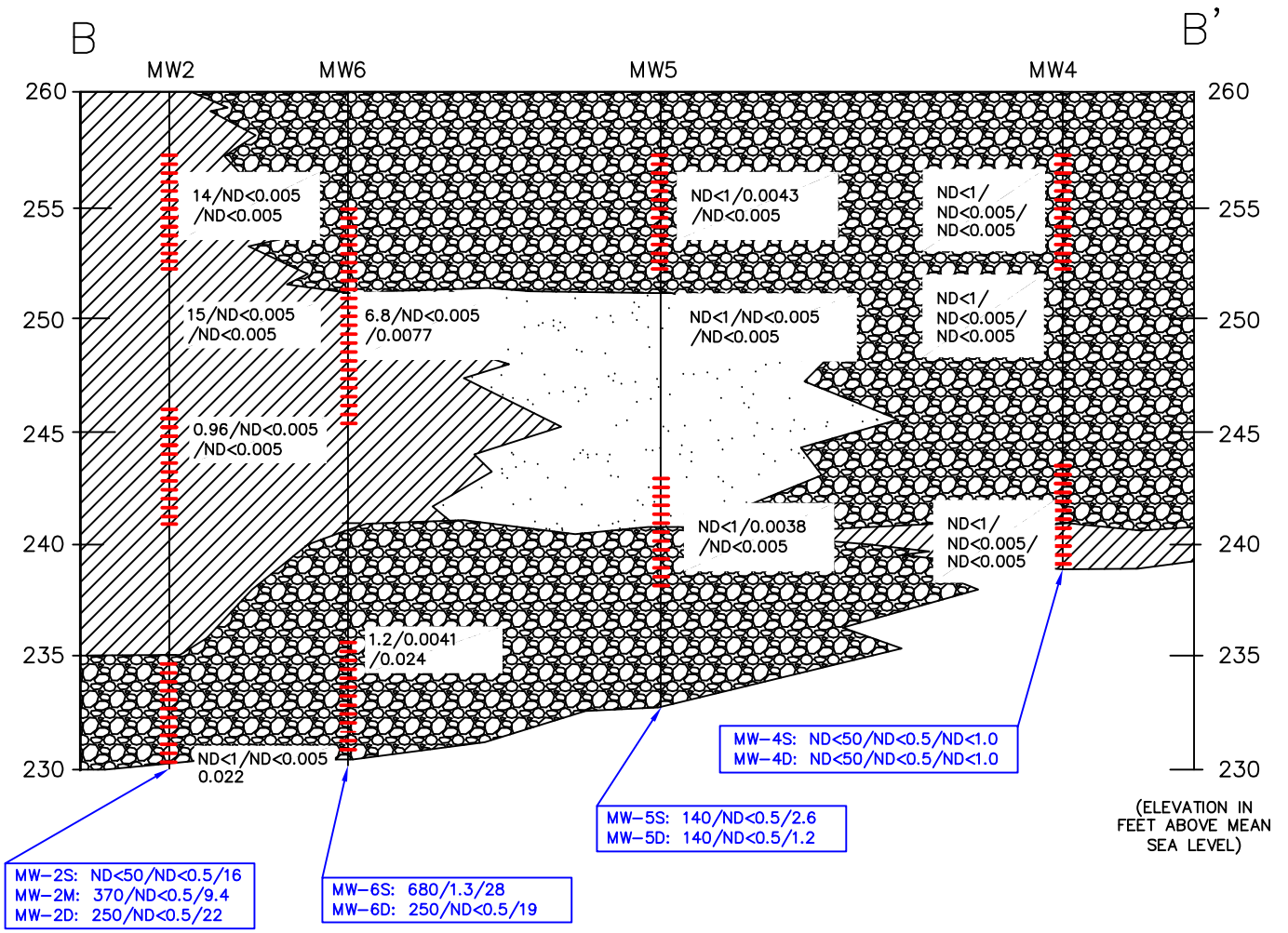
TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0

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

EAST-WEST CROSS SECTION A-A'

HANSON AGGREGATES
(FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008



LEGEND

- SILTY SAND/SAND
- CLAY
- GRAVEL
- Screen Interval in Well

SOIL SAMPLE RESULTS (On Section)
TB Series (December 2002)
MW Series (January 2005)

TPHg/BENZENE/MTBE (mg/kg)
ND<1/ND<0.005/ND<0.005

GROUNDWATER DATA RESULTS
December 2007 (µg/l) (Below Section):

TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0

SCALES VERTICAL SCALE EXAGGERATED

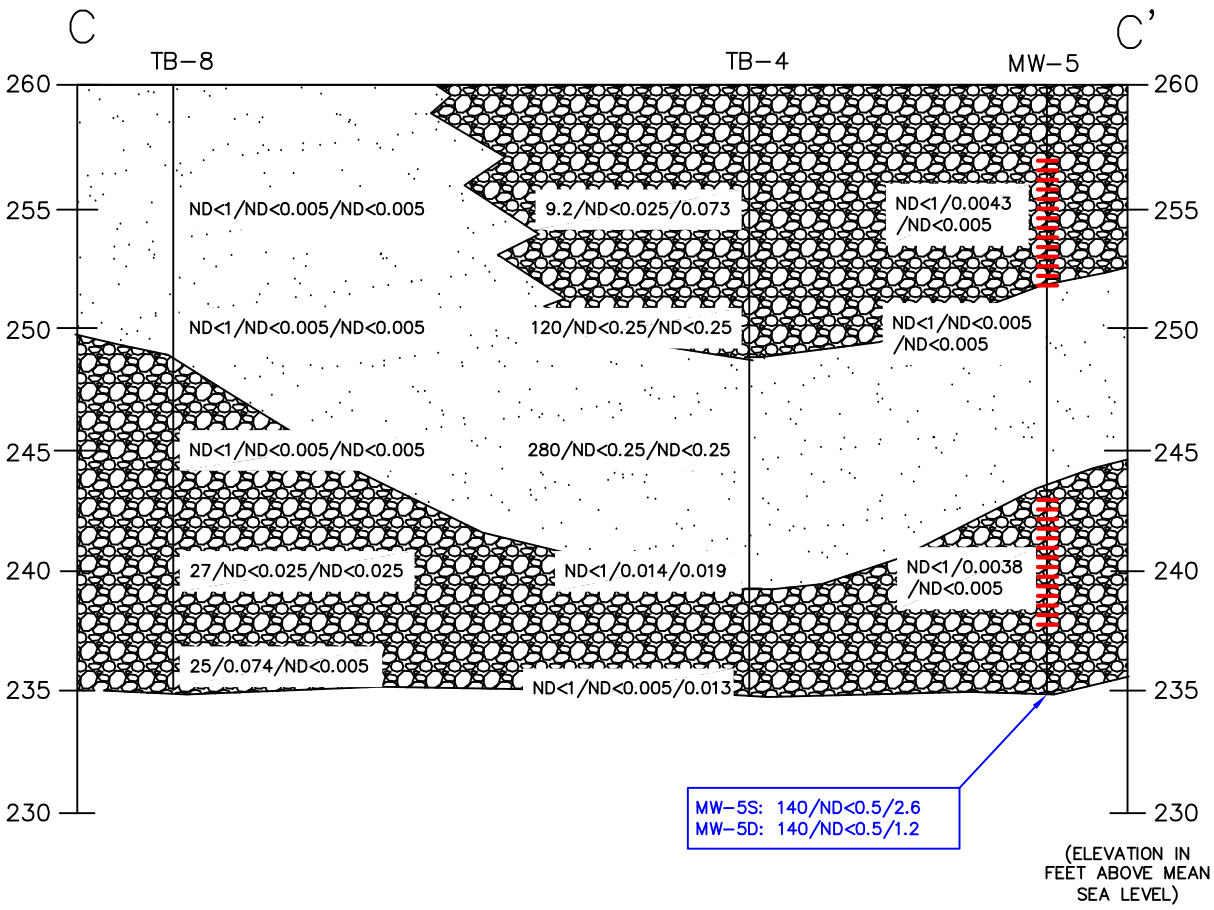
5'
20'
0
0

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

EAST-WEST CROSS SECTION B-B'

HANSON AGGREGATES
(FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008



LEGEND

SILTY SAND/SAND

GRAVEL

Screen Interval in Well

SOIL SAMPLE RESULTS (On Section)
TB Series (December 2002)
MW Series (January 2005)

TPHg/BENZENE/MTBE (mg/kg)
ND<1/ND<0.005/ND<0.005

GROUNDWATER DATA RESULTS
December 2007 (µg/l) (Below Section):

TPH-g/Benzene/MTBE
ND<50/ND<0.5/ND<1.0

SCALES

5'
20'
0
0

VERTICAL SCALE EXAGGERATED

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

NORTH-SOUTH CROSS SECTION C-C'

HANSON AGGREGATES
(FORMALLY MISSION VALLEY ROCK CO.)
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

DRAWN BY:	N.M.
REVIEWED BY:	P.M.
PROJECT:	EM5009C
DATE:	JANUARY 2008

APPENDIX B

SAMPLING DATA SHEETS

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-4S
Measurement Point Description: TOC North

Date: 12-10-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 7'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.35	8.35	3.0	NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1210		∅		5.38	7.58	18.1	16.3	0.46	2.62	-131	CLEAR
1212		250		5.38	7.79	17.6	9.2	0.44	1.41	-148	
1215		500		5.38	7.80	17.5	7.1	0.43	1.40	-150	
1217		750		5.38	7.81	17.4	6.9	0.44	1.40	-151	
1220		1000		5.38	7.82	17.3	7.4	0.44	1.39	-152	

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
1210	1220	100 mL/MIN	1000 ml	—	—	5.38	1224	MW-4S

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-4d
Measurement Point Description: TOC North

Date: 12-10-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 19'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	8.16	23.38		NA			-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
Well Condition: good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1240		∅		8.16	7.81	18.4	7.0	0.30	2.47	-128	CLEAR
1242		250		8.16	7.60	17.5	5.1	0.28	1.74	-139	
1244		500		8.16	7.58	17.1	2.1	0.28	1.71	-141	
1246		750		8.16	7.57	17.1	2.3	0.28	1.70	-142	
1249		1000		8.16	7.56	17.1	2.0	0.28	1.70	-144	

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1240	1249	111 ml/MIN	1000 ml	-	-	8.16	1301	MW-4d

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-5S
Measurement Point Description: TOC North

Date: 12-10-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 8'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.84	8.24		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1320		ϕ		6.84	6.64	18.5	6.7	0.28	4.89	-106	CLEAR
1328		125		6.86	6.60	18.5	8.3	0.28	3.48	-110	
1336		250		6.89	6.58	18.5	7.4	0.29	3.24	-114	
1344		375		6.92	6.57	18.4	6.9	0.29	3.20	-116	
1350		500		6.93	6.56	18.4	7.1	0.29	3.17	-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
1320	1350	17 ml/min	500 ml	—	—	6.93	1358	MW-5S

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-10-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-7S	**Weather:** **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 8'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.62	8.48		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow

Purge Method: ~~2 stage pump~~ Low-flow

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
1408		0		5.65	6.50	18.3	4.5	0.26	3.10	-103	CLEAR
1412		500		5.68	6.44	17.6	1.8	0.26	2.87	-106	↓
1416		1000		5.68	6.41	16.4	2.4	0.26	2.75	-111	
1419		1500		5.68	6.42	16.2	1.4	0.26	2.75	-113	

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1408	1419	136ml/min	1500ml	—	—	5.68	1428	MW-7S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-10-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-8	**Weather:** **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 12'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.54	15.34		NA	-	-	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1438		ø		5.54	6.66	16.7	1.6	0.21	2.79	-118	clear
1442		500		5.54	6.81	16.7	3.3	0.17	2.75	-92	↓
1446		1000		5.54	6.85	16.8	2.7	0.16	2.72	-74	
1450		1500		5.54	6.86	16.8	3.0	0.16	2.71	-70	

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
1438	1450	125 ml/min	1500 ml	-	-	5.54	1458	MW-8

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-10-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 30'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.92	39.41		NA	—	—	.	.

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (s/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1510		∅		7.92	6.92	17.4	95	0.15	3.28	-131	clear
1514		500		7.94	6.99	18.5	121	0.14	2.58	-159	↓
1518		1000		7.94	7.02	18.5	118	0.14	2.51	-164	
1522		1500		7.94	7.03	18.4	112	0.14	2.50	-166	

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1510	1522	125 ml/min	1500 ml	—	—	7.94	1521	MW-11LF

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-10-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-12S	**Weather:** **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 10.5'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	8.95	11.04		NA	-	-	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow

Purge Method: ~~2 stage pump~~ Low-flow

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
1536		ø		8.95	6.84	17.4	35	0.21	3.68	-83	CLEAR
1538		250		9.10	6.81	17.3	33	0.21	3.84	-64	↓
1540		500		9.19	6.80	17.3	31	0.22	4.23	-35	
1542		750		9.22	6.80	17.3	32	0.22	4.29	-33	

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
1536	1542	125ml/min	750ml	-	-	9.22	1544	MW-12S

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-10-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-12d	**Weather:** **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 16'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	8.74	19.70		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1556		ø		8.80	6.86	17.0	82	0.19	3.62	-15	clear
1600		500		8.82	6.81	17.0	36	0.17	3.11	-8	
1604		1000		8.84	6.79	17.1	13	0.17	3.02	-3	
1608		1500		8.85	6.78	17.1	12	0.17	2.94	-1	
1612		2000		8.86	6.76	17.1	10	0.16	2.90	+1	

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
1556	1612	125 mL/min	2000 mL	—	—	8.86	1620	MW-12d

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 35'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	9.02	39.50		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
934		ø		9.15	6.91	15.8	42	0.15	4.04	-4	clear
937		500		9.30	6.78	15.8	25	0.16	3.69	+4	
940		1000		9.31	6.79	16.2	24	0.16	3.47	+8	
943		1500		9.30	6.80	16.1	25	0.16	3.15	+9	
946		2000		9.30	6.80	15.9	23	0.16	3.13	+11	

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
934	946	167 ml/min	2000 ml	—	—	9.30	948	MW-12LF

Notes:

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

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-11-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-5d	**Weather:** **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 19'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.19	22.65		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
958		0		7.30	6.48	17.1	41	0.29	3.19	-105	CLEAR
1001		250		7.35	6.61	17.4	38	0.38	2.94	-132	
1004		500		7.35	6.70	17.5	33	0.39	2.88	-138	
1007		750		7.35	6.71	17.4	30	0.39	2.75	-139	
1010		1000		7.35	6.72	17.3	29	0.40	2.78	-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
958	1010	83 ml/min	1000 ml	—	—	6.72	1012	MW-5d

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-3
Measurement Point Description: TOC North

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 11'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.95	14.70		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
Well Condition: Good

Time	Casing / Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (~~S/M~~)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1024		∅		8.14	6.91	17.6	96	0.35	3.19	-143	clear
1028		500		8.23	6.89	17.7	78	0.34	2.72	-148	
1031		1000		8.23	6.81	17.8	81	0.33	2.64	-152	
1034		1500		8.24	6.79	17.9	84	0.32	2.62	-155	
1038		2000		8.24	6.78	17.8	79	0.32	2.60	-156	↓

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1024	1038	143 ml/min	2000 ml	—	—	8.24	1041	MW-3

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 8'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	4.90	9.58		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1053		0		4.70	6.49	16.0	47	0.37	3.11	-132	clear
1055		250		4.70	6.64	16.3	32	0.38	3.27	-106	
1058		500		4.70	6.67	16.2	33	0.39	3.26	-103	
1100		750		4.71	6.75	16.3	24	0.39	3.25	-96	
1103		1000		4.71	6.76	16.3	18	0.39	3.25	-94	
1106		1250		4.71	6.77	16.3	17	0.39	3.25	-94	
1108		1500		4.71	6.78	16.3	16	0.39	3.24	-92	

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
1053	1108	100 ml/min	1500 ml	—	—	4.71	1110	MW-10S

Notes:

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

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 24'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.23	29.54		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1119		ø		7.45	7.09	18.1	7.5	0.33	3.31	-135	clear
1122		500		7.52	6.99	18.0	5.6	0.24	3.29	-138	
1126		1000		7.52	6.84	18.0	4.3	0.24	3.21	-143	
1130		1500		7.53	6.82	17.9	1.8	0.24	3.04	-150	
1134		2000		7.54	6.81	17.9	1.9	0.24	2.99	-153	

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
1119	1134	133 ml/min	2000 ml	—	—	7.54	1137	MW-2d

Notes:

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

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 10'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.04	12.29		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1144		0		7.34	6.71	18.1	2.1	0.24	3.02	-162	Clear
1150		500		7.38	6.72	18.3	0.8	0.24	2.70	-166	
1155		1000		7.44	6.72	18.2	1.7	0.24	2.71	-167	
1200		1500		7.47	6.73	18.2	0.5	0.24	2.60	-168	
1206		2000		7.49	6.72	18.2	0.9	0.24	2.58	-169	↓

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
1144	1206	91 ml/min	2000 ml	—	—	7.49	1210	MW-2M

Notes:

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

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 10'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.06	12.20		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
Well Condition: broken concrete well box

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
1226		0		5.25	6.48	16.5	146	0.34	2.87	-154	murky
1229		500		5.30	6.55	17.0	128	0.36	2.76	-140	↓
1233		1000		5.30	6.67	17.4	38	0.37	2.65	-126	clear
1237		1500		5.30	6.70	17.4	55	0.37	2.67	-122	
1240		2000		5.30	6.73	17.4	52	0.37	2.66	-120	
1244		2500		5.30	6.74	17.4	47	0.37	2.64	-118	↓

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1226	1244	139 ml/min	2500 ml	—	—	5.30	1246	MW-9S

Notes:

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

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-6S
Measurement Point Description: TOC North

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 13'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.52	15.00		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-Flow
Purge Method: ~~2 stage pump~~ Low-Flow
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
1256		0		6.88	6.86	17.6	640	0.30	2.89	-152	gray/murky
1259		250		6.95	6.86	17.4	173	0.29	3.17	-139	clear
1302		500		6.98	6.80	17.8	41	0.29	3.28	-146	
1305		750		7.02	6.77	17.9	24	0.29	3.09	-148	
1308		1000		7.08	6.76	17.8	32	0.29	2.97	-150	
1310		1250		7.12	6.75	17.9	47	0.29	2.94	-150	
1312		1500		7.14	6.74	17.8	43	0.29	2.92	-152	

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
1256	1312	94 ml/min	1500 ml	—	—	7.14	1315	MW-6S

Notes:

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

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock	**Date:** 12-11-07
Project No.: EM5009C	**Prepared By:** Michael Schenone
Well Identification: MW-10LF	**Weather:** **Screen:**
Measurement Point Description: TOC North	**Pump Intake:** 35'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	9.73	39.90		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1336		ϕ		9.80	6.82	17.2	11.4	0.24	2.95	-176	clear
1339		500		9.80	6.87	17.2	6.1	0.25	2.77	-182	
1342		1000		9.80	6.90	17.2	4.1	0.25	2.70	-185	
1344		1500		9.80	6.97	17.2	2.6	0.26	2.63	-191	
1346		2000		9.80	6.98	17.2	3.1	0.26	2.62	-193	

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
1336	1346	200 ml/min	2000 ml	—	—	9.80	1348	MW-10LF

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 14'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	5.35	17.78		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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		ø		5.50	6.91	17.7	55	0.35	2.93	-182	clear
1400		250		5.55	6.94	17.9	10.5	0.37	2.59	-180	
1402		500		5.55	6.95	18.0	6.4	0.37	2.57	-180	
1404		750		5.55	6.95	18.0	7.1	0.37	2.54	-181	
1406		1000		5.55	6.96	18.0	5.1	0.37	2.52	-181	

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	1406	83 ml/min	1000 ml	—	—	5.55	1408	MW-1

Notes:

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

Groundwater Sampling Data Sheet

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

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.04	39.11		NA	—		-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow

Purge Method: ~~2 stage pump~~ Low-flow

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
1418		∅		7.13	7.15	17.6	3.7	0.23	2.69	-185	clear
1420		500		7.28	7.13	17.5	3.1	0.22	2.60	-185	
1422		1000		7.28	7.10	17.4	4.3	0.21	2.61	-185	
1425		1500		7.28	7.08	17.3	3.8	0.21	2.59	-185	
1428		2000		7.28	7.07	17.3	3.2	0.21	2.58	-185	

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1418	1428	200 ml/min	2000 mL	—	-	7.28	1430	MW-9LF

Notes:

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 8'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.55	8.71		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1440		ø		6.69	6.94	16.9	4.6	0.21	2.76	-175	clear
1444		125		6.74	6.89	16.9	4.1	0.21	2.65	-175	
1449		250		6.85	6.83	16.9	4.8	0.22	2.63	-175	
1454		375		6.92	6.81	16.9	5.2	0.22	2.60	-176	
1458		500		6.99	6.79	17.0	4.9	0.22	2.60	-176	

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1440	1458	28 ml/min	500 ml	—	—	6.99	1500	MW-2S

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 9'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.27	9.43		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1522		ø		7.34	6.67	16.9	10.4	0.20	2.81	-168	clear
1527		500		7.47	6.78	17.8	8.6	0.19	2.61	-169	
1531		1000		7.51	6.80	17.9	6.6	0.19	2.55	-171	
1536		1500		7.55	6.82	18.0	5.7	0.19	2.54	-172	↓

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
1522	1536	107 ml/min	1500 ml	—	—	7.55	1538	MW-11S

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-11-07
Prepared By: Michael Schenone
Weather: **Screen:**
Pump Intake: 16'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	8.81	19.38		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1550		ø		8.95	6.79	17.8	615	0.35	2.96	-186	Murky
1554		500		9.17	6.87	17.7	329	0.42	2.60	-207	
1557		1000		9.17	6.99	17.6	253	0.42	2.55	-212	
1600		1500		9.17	7.02	17.6	242	0.42	2.54	-213	
1603		2000		9.17	7.04	17.6	255	0.42	2.53	-214	↓

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1550	1603	154 ml/min	2000 ml	—	—	9.17	1605	MW-10d

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-12-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 16'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.75	20.50		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
930		ϕ		7.79	7.76	15.0	935	0.22	3.33	-125	Murky
935		500		7.90	7.14	17.4	124	0.17	2.98	-151	clear
940		1000		7.95	7.03	17.5	81	0.17	2.96	-157	
945		1500		8.02	6.97	17.5	83	0.17	2.93	-160	
950		2000		8.05	6.95	17.5	79	0.17	2.89	-161	
956		2500		8.09	6.93	17.5	81	0.18	2.88	-163	↓

Purge Start Time	Purge End Time	Average Flow ~~(gpm)~~	Total ~~Gallons~~ Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
930	956	96 ml/min	2500 ml	—	—	8.09	1000	MW-11d

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Valley Rock
Project No.: EM5009C
Well Identification: MW-6d
Measurement Point Description: TOC North

Date: 12-12-07
Prepared By: Michael Schenone
Weather: **Screen:**
Pump Intake: 24'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	7.80	29.15		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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		7.88	6.78	16.0	50	0.18	3.98	-161	clear
1015		500		7.97	6.81	16.9	43	0.20	3.70	-161	
1018		1000		8.00	6.86	17.0	27	0.19	3.59	-160	
1021		1500		8.00	6.88	17.1	25	0.19	3.55	-160	
1025		2000		8.00	6.89	17.2	26	0.20	3.52	-161	

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	1025	154 ml/min	2000 ml	—	—	8.00	1030	MW-6d

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-12-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 20'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.71	24.28		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1039		6		6.71	6.77	16.7	53	0.27	3.44	-156	clear
1043		500		6.93	6.73	17.1	39	0.30	2.77	-165	
1047		1000		6.96	6.72	17.3	29	0.31	2.79	-179	
1051		1500		7.00	6.73	17.3	31	0.32	2.78	-181	
1055		2000		7.04	6.73	17.3	35	0.32	2.78	-183	

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
1039	1055	125 ml/min	2000 ml	—	—	7.04	1100	MW-9d

Notes:

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

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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

Date: 12-12-07
Prepared By: Michael Schenone
Weather:
Screen:
Pump Intake: 20'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
NA	6.38	23.61		NA	—	—	-	-

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

Field Equipment: ~~Horiba, 2 stage pump~~ Low-flow
Purge Method: ~~2 stage pump~~ Low-flow
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
1118		0		6.50	6.90	16.4	33	0.26	3.15	-201	clear
1121		250		6.71	6.94	16.2	26	0.23	2.87	-205	
1124		500		6.78	6.91	16.1	24	0.22	2.84	-207	
1127		750		6.80	6.91	16.1	25	0.21	2.82	-208	
1130		1000		6.80	6.90	16.2	23	0.21	2.81	-208	

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
1118	1130	83 ml/min	1000 ml	—	—	6.80	1137	MW-7d

Notes:

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

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

Chain of Custody Record

Client: Tait Environmental
Address: 11262 Trade Center Drive
Phone: (916) 764-1239 Fax: (916) 858-1011
Project Manager: Mike Schevone

Date: 12-12-07 Page: 1 Of 2
Project Name: Mission Valley Rock
Collector: Mike Schevone Client Project #: EMSC09C
~~Batch~~ #: TOL0001032092 * EDF #
COC 72713

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
MW-4S	12-10-07	1224	GRAB	VOA			X			X	X									5
MW-4D		1301					X			X	X									
MW-5S		1358					X			X	X									
MW-7S		1428					X			X	X									
MW-8		1458					X			X	X									
MW-11S		1521					X			X	X									
MW-12S		1544					X			X	X									
MW-12d		1620					X			X	X									
MW-12LF	12-11-07	948					X			X	X									
MW-5d		1012					X			X	X									
MW-3		1041					X			X	X									
MW-10S		1110					X			X	X									
MW-3d		1137					X			X	X									
MW-2M		1210					X			X	X									
MW-9S		1246					X			X	X									

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Mike Schevone	12-12-07 1620		
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

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

Turn around time: STD 5 DAY

Notes
Diesel reporting limit = 50 ug/L
see EDF # (TOP)

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

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

Chain of Custody Record

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

Date: 12-12-07 Page: 2 Of 2
Project Name: Mission Valley Rock
Collector: Mike Schenone Client Project #: EM5009C
~~Batch #:~~ T0600102092
* EDF #

COC 72714

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-6S	12-11-07	1315	GRAB	VOA			X			X	X									5
MW-10LF	↓	1348	↓	↓			X			X	X									↓
MW-1	↓	1408	↓	↓			X			X	X									↓
MW-9LF	↓	1430	↓	↓			X			X	X									↓
MW-2S	↓	1500	↓	↓			X			X	X									↓
MW-11S	↓	1538	↓	↓			X			X	X									↓
MW-10d	↓	1605	↓	↓			X			X	X									↓
MW-11d	12-12-07	1000	↓	↓			X			X	X									↓
MW-6d	↓	1030	↓	↓			X			X	X									↓
MW-9d	↓	1100	↓	↓			X			X	X									↓
MW-7d	↓	1137	↓	↓			X			X	X									↓
MW-1T	↓	1200	↓	↓			X			X	X									3

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Michael Schenone	12-12-07 1600	[signature]	[illegible]

Total # of containers: 58
Chain of Custody seals Y/N/NA
Seals intact? Y/N/NA
Received good condition/cold

Turn around time: STD 5 DAY

Notes
Diesel reporting limit = 50 ug/L
SEE EDF # (TOP)

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

APPENDIX C

CERTIFICATE OF DISPOSAL

IWM, Inc.

INTEGRATED WASTESTREAM MANAGEMENT, INC.
1945 CONCOURSE DRIVE, SAN JOSE, CA 95131
PHONE: 408.433.1990 FAX: 408.433.9521

CERTIFICATE OF DISPOSAL

Generator Name:	Mission Valley Rock Company	Facility Name:	Mission Valley Rock
Address:	7999 Athenour Way	Address:	7999 Athenour Way
	Sunol, CA 94586		Sunol, CA 94586
Contact:	Mort Calvert	Facility Contact:	Mike Schenone, TAIT Environmental
Phone:	925.862.2257	Phone:	916.858.1060

IWM Job #:	97505-DW
Description of Waste:	1 Drum of
	Non-Hazardous
	Water
Removal Date:	12/18/07
Ticket #:	SP181207-MISC

Transporter Information

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

Disposal Facility Information

Name:	Seaport Refining & Environmental
Address:	700 Seaport Blvd
	Redwood City, CA 94063
Phone:	(650) 364-1024

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

William T. DeLon William T. DeLon — 12/18/07

Authorized Representative (Print Name and Signature) — Date

APPENDIX D

TEM LABORATORY REPORT

26 December 2007

Michael Schenone
Tait Environmental
701 N. Parkcenter Drive
Santa Ana, CA 92705

RE: Mission Valley Rock

Enclosed are the results of analyses for samples received by the laboratory on 12/13/07 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas For John Shepler
Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4S	T701628-01	Water	12/10/07 12:24	12/13/07 09:00
MW-4D	T701628-02	Water	12/10/07 13:01	12/13/07 09:00
MW-5S	T701628-03	Water	12/10/07 13:58	12/13/07 09:00
MW-7S	T701628-04	Water	12/10/07 14:28	12/13/07 09:00
MW-8	T701628-05	Water	12/10/07 14:58	12/13/07 09:00
MW-11LF	T701628-06	Water	12/10/07 15:21	12/13/07 09:00
MW-12S	T701628-07	Water	12/10/07 15:44	12/13/07 09:00
MW-12D	T701628-08	Water	12/10/07 16:20	12/13/07 09:00
MW-12LF	T701628-09	Water	12/11/07 09:48	12/13/07 09:00
MW-5D	T701628-10	Water	12/11/07 10:12	12/13/07 09:00
MW-3	T701628-11	Water	12/11/07 10:41	12/13/07 09:00
MW-10S	T701628-12	Water	12/11/07 11:10	12/13/07 09:00
MW-2D	T701628-13	Water	12/11/07 11:37	12/13/07 09:00
MW-2M	T701628-14	Water	12/11/07 12:10	12/13/07 09:00
MW-9S	T701628-15	Water	12/11/07 12:46	12/13/07 09:00
MW-6S	T701628-16	Water	12/11/07 13:15	12/13/07 09:00
MW-10LF	T701628-17	Water	12/11/07 13:48	12/13/07 09:00
MW-1	T701628-18	Water	12/11/07 14:08	12/13/07 09:00
MW-9LF	T701628-19	Water	12/11/07 14:30	12/13/07 09:00
MW-2S	T701628-20	Water	12/11/07 15:00	12/13/07 09:00
MW-11S	T701628-21	Water	12/11/07 15:38	12/13/07 09:00
MW-10D	T701628-22	Water	12/11/07 16:05	12/13/07 09:00
MW-11D	T701628-23	Water	12/12/07 10:00	12/13/07 09:00
MW-6D	T701628-24	Water	12/12/07 10:30	12/13/07 09:00
MW-9D	T701628-25	Water	12/12/07 11:00	12/13/07 09:00
MW-7D	T701628-26	Water	12/12/07 11:37	12/13/07 09:00
MW-1T	T701628-27	Water	12/12/07 12:00	12/13/07 09:00

SunStar Laboratories, Inc.

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

Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-4S
T701628-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*122 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/14/07	EPA 8015B	
Surrogate: p-Terphenyl		*115 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*96.8 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*74.9 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*97.5 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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

Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-4D
T701628-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*125 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/14/07	EPA 8015B	
Surrogate: p-Terphenyl		*117 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*94.5 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*75.5 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.0 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-5S
T701628-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**140**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*115 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/14/07	EPA 8015B	
Surrogate: p-Terphenyl		*104 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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	**2.6**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.5 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*74.2 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.1 %*	*90.9-105*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-7S
T701628-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**170**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*122 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*120 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*95.4 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*75.9 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.6 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-8
T701628-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*124 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*97.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*93.4 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*78.8 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*	*90.9-105*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-11LF
T701628-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**120**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*120 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*116 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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	**86**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.8 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*97.5 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-12S
T701628-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**120**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*122 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*117 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*93.5 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*78.4 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*97.2 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-12D
T701628-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**140**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*120 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*117 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*91.4 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.8 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*97.2 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-12LF
T701628-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*119 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*106 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*95.1 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.5 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*	*90.9-105*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-5D
T701628-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**140**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*118 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*111 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.2**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.0 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.4 %*	*90.9-105*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-3
T701628-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**180**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*133 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*97.4 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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	**24**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*77.0 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*92.1 %*	*90.9-105*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-10S
T701628-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*118 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*98.1 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*93.9 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.1 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*97.4 %*	*90.9-105*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-2D
T701628-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**250**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*121 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*96.6 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/14/07	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**	5.0	"	5	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*	*90.9-105*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-2M
T701628-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**370**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*127 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*98.3 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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	**9.4**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*76.4 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.8 %*	*90.9-105*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-9S
T701628-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*126 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*100 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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: 4-Bromofluorobenzene		*95.2 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*78.1 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*95.5 %*	*90.9-105*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-6S
T701628-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**680**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*120 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	**0.52**	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	D-02
Surrogate: p-Terphenyl		*95.6 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**1.3**	0.50	ug/l	1	7121313	12/13/07	12/13/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**12**	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.1**	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	**28**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*76.9 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*	*90.9-105*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-10LF
T701628-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*129 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*95.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/14/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.6**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*75.6 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*95.0 %*	*90.9-105*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-1
T701628-18 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**890**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*135 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*91.7 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**6.6**	0.50	ug/l	1	7121313	12/13/07	12/14/07	EPA 8260B	
Toluene	**0.54**	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.50**	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: 4-Bromofluorobenzene		*95.9 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*75.5 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.2 %*	*90.9-105*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-9LF
T701628-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**310**	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*132 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*94.9 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/14/07	EPA 8260B	
Toluene	**0.89**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.7**	1.0	"	"	"	"	"	"	
o-Xylene	**0.52**	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: 4-Bromofluorobenzene		*97.4 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*74.1 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*97.2 %*	*90.9-105*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-2S
T701628-20 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121314	12/13/07	12/13/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*118 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	**16**	0.050	mg/l	1	7121315	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*127 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121313	12/13/07	12/13/07	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	**16**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.4 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*94.9 %*	*90.9-105*		"	"	"	"	

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-11S
T701628-21 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121317	12/13/07	12/14/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*133 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121319	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*120 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121318	12/13/07	12/14/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.5**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.0 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.9 %*	*90.9-105*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-10D
T701628-22 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**1300**	50	ug/l	1	7121317	12/13/07	12/14/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*130 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121319	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*121 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121318	12/13/07	12/14/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.61**	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: 4-Bromofluorobenzene		*95.4 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.5 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*97.9 %*	*90.9-105*		"	"	"	"	

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Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-11D
T701628-23 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**7700**	50	ug/l	1	7121317	12/13/07	12/14/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*707 %*	*65-135*		"	"	"	"	*S-02*
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	**48**	0.050	mg/l	1	7121319	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*120 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**3.0**	0.50	ug/l	1	7121318	12/13/07	12/14/07	EPA 8260B	
Toluene	**3.0**	0.50	"	"	"	"	"	"	
Ethylbenzene	**11**	0.50	"	"	"	"	"	"	
m,p-Xylene	**17**	1.0	"	"	"	"	"	"	
o-Xylene	**13**	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	**7.0**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*82.4 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

MW-6D
T701628-24 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**250**	50	ug/l	1	7121317	12/13/07	12/14/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*124 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121319	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*121 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121318	12/13/07	12/14/07	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	**19**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*75.4 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*95.0 %*	*90.9-105*		"	"	"	"	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-9D
T701628-25 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**57000**	1200	ug/l	25	7121317	12/13/07	12/14/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*120 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	**3.4**	0.050	mg/l	1	7121319	12/13/07	12/15/07	EPA 8015B	D-02
Surrogate: p-Terphenyl		*101 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**880**	25	ug/l	50	7121318	12/13/07	12/17/07	EPA 8260B	
Toluene	**5800**	250	"	500	"	"	12/18/07	"	
Ethylbenzene	**2800**	25	"	50	"	"	12/17/07	"	
m,p-Xylene	**6900**	500	"	500	"	"	12/18/07	"	
o-Xylene	**2200**	25	"	50	"	"	12/17/07	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	12/14/07	"	
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: 4-Bromofluorobenzene		*77.2 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.4 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*92.0 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-7D
T701628-26 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	**19000**	1200	ug/l	25	7121317	12/13/07	12/14/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*121 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	**2.5**	0.050	mg/l	1	7121319	12/13/07	12/15/07	EPA 8015B	D-02
Surrogate: p-Terphenyl		*117 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**64**	0.50	ug/l	1	7121318	12/13/07	12/14/07	EPA 8260B	
Toluene	**160**	12	"	25	"	"	12/14/07	"	
Ethylbenzene	**1100**	12	"	"	"	"	"	"	
m,p-Xylene	**1800**	25	"	"	"	"	"	"	
o-Xylene	**200**	12	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	12/14/07	"	
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: 4-Bromofluorobenzene		*82.2 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*72.6 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.5 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

MW-1T
T701628-27 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015B									
C6-C12 (GRO)	ND	50	ug/l	1	7121317	12/13/07	12/14/07	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		*128 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015B									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	7121319	12/13/07	12/15/07	EPA 8015B	
Surrogate: p-Terphenyl		*130 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7121318	12/13/07	12/14/07	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: 4-Bromofluorobenzene		*98.8 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.8 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*96.2 %*	*90.9-105*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

Purgeable Petroleum Hydrocarbons by EPA 8015B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7121314 - EPA 5030 GC										
Blank (7121314-BLK1)				Prepared & Analyzed: 12/13/07						
Surrogate: 4-Bromofluorobenzene	*240*		*ug/l*	*200*		*120*	*65-135*			
C6-C12 (GRO)	ND	50	"							
LCS (7121314-BS1)				Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*267*		*ug/l*	*200*		*133*	*65-135*			
C6-C12 (GRO)	6350	50	"	5500		115	75-125			
Matrix Spike (7121314-MS1)	**Source: T701628-02**			Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*252*		*ug/l*	*200*		*126*	*65-135*			
C6-C12 (GRO)	6870	50	"	5500	ND	125	65-135			
Matrix Spike Dup (7121314-MSD1)	**Source: T701628-02**			Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*261*		*ug/l*	*200*		*131*	*65-135*			
C6-C12 (GRO)	6790	50	"	5500	ND	123	65-135	1.20	20	
Batch 7121317 - EPA 5030 GC										
LCS (7121317-BS1)				Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*264*		*ug/l*	*200*		*132*	*65-135*			
C6-C12 (GRO)	6270	50	"	5500		114	75-125			
Matrix Spike (7121317-MS1)	**Source: T701631-04**			Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*255*		*ug/l*	*200*		*127*	*65-135*			
C6-C12 (GRO)	6850	50	"	5500	ND	125	65-135			
Matrix Spike Dup (7121317-MSD1)	**Source: T701631-04**			Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*244*		*ug/l*	*200*		*122*	*65-135*			
C6-C12 (GRO)	6380	50	"	5500	ND	116	65-135	7.05	20	

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

Extractable Petroleum Hydrocarbons by 8015B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7121315 - EPA 3510C GC										
Blank (7121315-BLK1)				Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: p-Terphenyl	*4.46*		*mg/l*	*4.00*		*111*	*65-135*			
Diesel Range Hydrocarbons	ND	0.050	"							
LCS (7121315-BS1)				Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: p-Terphenyl	*4.76*		*mg/l*	*4.00*		*119*	*65-135*			
Diesel Range Hydrocarbons	20.4	0.050	"	20.0		102	75-125			
Matrix Spike (7121315-MS1)	**Source: T701628-01**			Prepared: 12/13/07 Analyzed: 12/15/07						
Surrogate: p-Terphenyl	*4.12*		*mg/l*	*4.00*		*103*	*65-135*			
Diesel Range Hydrocarbons	18.4	0.050	"	20.0	ND	92.0	75-125			
Matrix Spike Dup (7121315-MSD1)	**Source: T701628-01**			Prepared: 12/13/07 Analyzed: 12/15/07						
Surrogate: p-Terphenyl	*4.08*		*mg/l*	*4.00*		*102*	*65-135*			
Diesel Range Hydrocarbons	18.0	0.050	"	20.0	ND	89.8	75-125	2.46	20	
Batch 7121319 - EPA 3510C GC										
Blank (7121319-BLK1)				Prepared: 12/13/07 Analyzed: 12/15/07						
Surrogate: p-Terphenyl	*3.93*		*mg/l*	*4.00*		*98.2*	*65-135*			
Diesel Range Hydrocarbons	ND	0.050	"							
LCS (7121319-BS1)				Prepared: 12/13/07 Analyzed: 12/15/07						
Surrogate: p-Terphenyl	*3.94*		*mg/l*	*4.00*		*98.5*	*65-135*			
Diesel Range Hydrocarbons	17.6	0.050	"	20.0		87.9	75-125			
Matrix Spike (7121319-MS1)	**Source: T701621-01**			Prepared: 12/13/07 Analyzed: 12/15/07						
Surrogate: p-Terphenyl	*4.00*		*mg/l*	*4.00*		*100*	*65-135*			
Diesel Range Hydrocarbons	29.2	0.050	"	20.0	9.24	99.6	75-125			

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM5009C	**Reported:**
Santa Ana CA, 92705	Project Manager: Michael Schenone	12/26/07 18:26

Extractable Petroleum Hydrocarbons by 8015B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7121319 - EPA 3510C GC										
Matrix Spike Dup (7121319-MSD1)	**Source: T701621-01**			Prepared: 12/13/07		Analyzed: 12/15/07				
Surrogate: p-Terphenyl	*4.92*		*mg/l*	*4.00*		*123*	*65-135*			
Diesel Range Hydrocarbons	29.8	0.050	"	20.0	9.24	103	75-125	2.32	20	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For John Shepler, Laboratory Director

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 7121313 - EPA 5030 GCMS										
Blank (7121313-BLK1)				Prepared & Analyzed: 12/13/07						
Surrogate: 4-Bromofluorobenzene	*7.88*		*ug/l*	*8.00*		*98.5*	*77.1-110*			
Surrogate: Dibromofluoromethane	*6.31*		*"*	*8.00*		*78.9*	*66.3-111*			
Surrogate: Toluene-d8	*7.77*		*"*	*8.00*		*97.1*	*90.9-105*			
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 (7121313-BS1)				Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*7.73*		*ug/l*	*8.00*		*96.6*	*77.1-110*			
Surrogate: Dibromofluoromethane	*6.12*		*"*	*8.00*		*76.5*	*66.3-111*			
Surrogate: Toluene-d8	*7.81*		*"*	*8.00*		*97.6*	*90.9-105*			
Benzene	19.2	0.50	"	20.0		95.8	75-125			
Toluene	19.6	0.50	"	20.0		98.2	75-125			
LCS Dup (7121313-BSD1)				Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*7.59*		*ug/l*	*8.00*		*94.9*	*77.1-110*			
Surrogate: Dibromofluoromethane	*6.21*		*"*	*8.00*		*77.6*	*66.3-111*			
Surrogate: Toluene-d8	*7.81*		*"*	*8.00*		*97.6*	*90.9-105*			
Benzene	19.4	0.50	"	20.0		97.2	75-125	1.55	20	
Toluene	19.9	0.50	"	20.0		99.6	75-125	1.47	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 7121318 - EPA 5030 GCMS										
Blank (7121318-BLK1)				Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*7.53*		*ug/l*	*8.00*		*94.1*	*77.1-110*			
Surrogate: Dibromofluoromethane	*6.11*		*"*	*8.00*		*76.4*	*66.3-111*			
Surrogate: Toluene-d8	*7.65*		*"*	*8.00*		*95.6*	*90.9-105*			
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 (7121318-BS1)				Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*8.01*		*ug/l*	*8.00*		*100*	*77.1-110*			
Surrogate: Dibromofluoromethane	*6.34*		*"*	*8.00*		*79.2*	*66.3-111*			
Surrogate: Toluene-d8	*7.78*		*"*	*8.00*		*97.2*	*90.9-105*			
Benzene	18.7	0.50	"	20.0		93.3	75-125			
Toluene	19.6	0.50	"	20.0		98.2	75-125			
Matrix Spike (7121318-MS1)	**Source: T701631-05**			Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*7.84*		*ug/l*	*8.00*		*98.0*	*77.1-110*			
Surrogate: Dibromofluoromethane	*6.11*		*"*	*8.00*		*76.4*	*66.3-111*			
Surrogate: Toluene-d8	*7.87*		*"*	*8.00*		*98.4*	*90.9-105*			
Benzene	16.6	0.50	"	20.0	ND	82.8	75-125			
Toluene	17.2	0.50	"	20.0	ND	86.2	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 7121318 - EPA 5030 GCMS										
Matrix Spike Dup (7121318-MSD1)	**Source: T701631-05**			Prepared: 12/13/07 Analyzed: 12/14/07						
Surrogate: 4-Bromofluorobenzene	*7.86*		*ug/l*	*8.00*		*98.2*	*77.1-110*			
Surrogate: Dibromofluoromethane	*6.07*		*"*	*8.00*		*75.9*	*66.3-111*			
Surrogate: Toluene-d8	*7.94*		*"*	*8.00*		*99.2*	*90.9-105*			
Benzene	18.7	0.50	"	20.0	ND	93.4	75-125	12.1	20	
Toluene	19.1	0.50	"	20.0	ND	95.4	75-125	10.0	20	

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
D-02	Hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

T701628

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

Chain of Custody Record

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

Date: 12-12-07 Page: 1 Of 2
Project Name: Mission Valley Rock
Collector: Mike Schenone Client Project #: EM5009C
~~Batch#~~: TO1000102092 * EDF #
COC 72713

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
MW-4S	12-10-07	1224	GRAB	VOA			X			X	X							01		5
MW-4d		1301					X			X	X							02		
MW-5S		1358					X			X	X							03		
MW-7S		1428					X			X	X							04		
MW-8		1458					X			X	X							05		
MW-11LF		1521					X			X	X							06		
MW-12S		1544					X			X	X							07		
MW-12d		1620					X			X	X							08		
MW-12LF	12-11-07	948					X			X	X							09		
MW-5d		1012					X			X	X							10		
MW-3		1041					X			X	X							11		
MW-10S		1110					X			X	X							12		
MW-2d		1137					X			X	X							13		
MW-2M		1210					X			X	X							14		
MW-9S		1246					X			X	X							15		

Relinquished by: (signature) Michael Schenone	Date / Time 12-12-07 1600	Received by: (signature)	Date / Time 12/12/07 1600
Relinquished by: (signature) GSO	Date / Time	Received by: (signature) Ryan Palmer	Date / Time 12/13/07 0900
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers 75
Chain of Custody seals Y/N/NA N/A
Seals intact? Y/N/NA N/A
Received good condition/cold 7.4

Turn around time: STD 5 DAY

Notes
Diesel repoeting limit = 50 ug/L
see EDF # (TOP)

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

T701628

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

Chain of Custody Record

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

Date: 12-12-07 Page: 2 Of 2
Project Name: Mission Valley Rock
Collector: Mike Schenone Client Project #: EM5009C
~~Batch #:~~ T0600102092 * EDF #
COC 72714

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-6S	12-11-07	1315	GRAB	VOA			X			X	X							16		5
MW-10LF		1348					X			X	X							17		
MW-1		1408					X			X	X							18		
MW-9LF		1430					X			X	X							19		
MW-2S		1500					X			X	X							20		
MW-11S		1538					X			X	X							21		
MW-10d		1605					X			X	X							22		
MW-11d	12-12-07	1000					X			X	X							23		
MW-6d		1030					X			X	X							24		
MW-9d		1100					X			X	X							25		
MW-7d		1137					X			X	X							26		
MW-1T		1200					X			X	X							27		3

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Michael Schenone	12-12-07 1600		12/12/07 16:00
GSO			
		Byron Babcock	12/13/07 0900

Total # of containers: 58
Chain of Custody seals Y/N/NA: N/A
Seals intact? Y/N/NA: N/A
Received good condition/cold: 7.4

Turn around time: STD 5 DAY

Notes: Diesel reporting limit = 50 ug/L
SEE EDF # (TOP)

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