MISSION VALLEY / ROCK COMPANY
ASPHALT COMPANY
READY MIX COMPANY

7999 ATHENOUR WAY SUNOL, CA 94586 (925) 862-2257

September 11, 2001

SEP 14 2001

Mr. Scott Seery
Alameda County Health Care Services
1131 Harbor Bay Parkway Suite 250
Alameda, Ca. 94502-6577

Dear Mr. Seery:

Submitted herewith is the second quarter Groundwater Monitoring Report prepared by Mission Valley Rock Company's consultant, Tait Environmental Management Inc. If you require further information or clarification please direct your correspondence to Scott Ek of Tait Environment with a copy to Mission Valley Rock Company at the above address.

Thank you,
Mission Valley Rock CO.

W. M. Calvert

W. M. Calvert

SEP 14 2001

Groundwater Monitoring Report
Second Quarter 2001

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared by:
Tait Environmental Management, Inc.

September 4, 2001

September 4, 2001

Groundwater Monitoring Report
First Quarter 2001

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared for:

Mr. Mort Calvert
Mission Valley Rock Company
7999 Athenour Way
Sunol, California 94586

Prepared by:

Scott E. Ek
Project Geologist

Mehmet Pehlivan, R.G., C.H.
Senior Hydrogeologist

REGISTERED GEOLOGIST
MEHMET PEHLIVAN
No. HG0377
CERTIFIED HYDROGEOLOGIST
STATE OF CALIFORNIA

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

Project No. EM-5009

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TAIT Environmental Management, Inc.
Environmental · Engineering · Compliance

GROUNDWATER MONITORING REPORT - SECOND QUARTER 2001
MISSION VALLEY ROCK COMPANY
SUNOL, CALIFORNIA

1.0 INTRODUCTION

Tait Environmental Management, Inc. (TEM) is pleased to submit this Second Quarter 2001 Groundwater Monitoring Report for environmental services conducted at Mission Valley Rock Company (MVR) located at 7999 Athenour Way in Sunol, California (Site, see Figure 1). This report has been prepared by or under the direct supervision of a California Registered Geologist. The groundwater monitoring activities were conducted by TEM in accordance with the Alameda County Health Care Services Agency (ACHCSA) guidelines.

2.0 WORK CONDUCTED DURING PRESENT QUARTER

Work conducted by TEM during the Second Quarter of 2001 included:

- Submitted to the client, *Groundwater Monitoring Report, First Quarter 2001.*
- Measured depth-to-groundwater in monitoring wells for evaluation of groundwater flow direction.
- Collected groundwater samples from each well for analysis of total petroleum hydrocarbons as diesel and gasoline (TPHd and TPHg, respectively); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and methyl-tert-butyl ether (MTBE).

3.0 GROUNDWATER MONITORING ACTIVITIES

3.1 Groundwater Elevation Monitoring

On June 27, 2001 TEM measured and recorded static groundwater levels in three (3) groundwater monitoring wells using a product/water interface meter. The meter was decontaminated prior to use at each well using a mild detergent solution and two (2) de-ionized water rinses.

Water levels were measured from the top of the well casings representing the well-head survey points. A slight sheen (0.06') was observed in monitoring well MW-2. No sheen or free-phase product was observed in monitoring wells MW-1. Monitoring well MW-3 was not accessible during our site visit due to a hot asphalt/rubber trailer occupying the space over the well.

Based on the data, the depth to groundwater measured at the Site was shallow during this sampling event and historically the depth to static groundwater conditions is 3 to 5 feet below ground surface (bgs). The apparent groundwater flow direction is to the east-southeast with a groundwater gradient of approximately 0.02 ft/ft. Groundwater elevation data is summarized in Table 1 and shown on Figure 2. A historical summary of groundwater elevation data is summarized in Table 3 and shown in Chart 1 (Appendix A).

3.2 Groundwater Sampling

Prior to collecting samples, groundwater was purged using a 12-volt DC submersible pump for each well. The polyethylene tubing for the pump discharge was discarded and replaced for each well. The pump was decontaminated prior to pumping each well, with a detergent bath followed by two (2) de-ionized water rinses.

A minimum of three (3) casing volumes of water were purged from each of the monitoring wells until measurements of temperature, pH, electrical conductivity, turbidity, dissolved oxygen, and oxygen reduction potential stabilized. Groundwater was allowed to recharge to at least 80 percent of the static level prior to collecting the groundwater samples. Copies of the well sampling field data sheets are presented in Appendix B.

Groundwater samples were collected using a new disposable bailer for each well. The groundwater samples were placed in chilled coolers and hand delivered to the laboratory using chain-of-custody procedures.

The purged groundwater and decontamination water was stored onsite in one (1) Department of Transportation (DOT) approved 55-gallon steel drum pending the results of the laboratory analysis.

4.0 LABORATORY ANALYSES

Groundwater samples collected from the groundwater monitoring wells were analyzed for:

- BTEX and MTBE using Method No. 8260B; and
- TPHd and TPHg using Method 8015B.

4.1 Groundwater Analytical Results

Laboratory analyses of the groundwater samples were conducted by Severn Trent Laboratories, Inc. (STL), a State-Certified laboratory located in Santa Ana, California. Second Quarter 2001 groundwater sample analytical results are summarized in Table 2 and shown in Figure 3. Laboratory reports are presented in Appendix C. A historical summary of groundwater sample analytical results is summarized in Table 4. Charts 2A, 2B, and 2C present historic measurements of TPHd, TPHg and MTBE, respectively (Appendix A).

5.0 SUMMARY

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

- Groundwater sampling was conducted for groundwater monitoring wells MW-1, MW-2. Analytical water samples were collected from both MW-1 and MW-2 and submitted STL using chain-of-custody procedures.
- **Monitoring well MW-3 was not accessible during our site visit due to a hot asphalt/rubber trailer occupying the space above the well.**
- The saturated zone is shallow at this site averaging only 3 to 4 feet bgs. The groundwater flow direction is to the east-southeast with a groundwater gradient of approximately 0.02 ft/ft.
- Seasonal groundwater fluctuations are relatively minor and do not appear to affect groundwater flow direction.
- **A slight sheen (0.06') was observed in monitoring well MW-2.**
- The highest TPHd and TPHg concentrations were detected in the groundwater sample collected from well MW-2. The TPHd concentration was 8.8 milligrams per Liter (mg/L) and the TPHg concentration was 1.8 mg/L.

- Benzene concentrations were not detected at or above the laboratory reporting limit (1.0 µg/L) in either of the two (2) wells sampled this quarter.

- The only MTBE concentration was reported in the sample collected from well MW-3 at a concentration of 6.7 micrograms per Liter (µg/L); and

- Interpretation of Charts 2A, 2B, and 2C would indicate that TPHd, TPHg, and MTBE have shown an overall decrease since groundwater sampling began in June 1998 with the exception of well MW-2 and MW-3 where MTBE concentrations have shown a minor increase since the December 2000 sampling event.

6.0 RECOMMENDATIONS

Based on the data obtained, current regulatory guidelines, and the professional judgment of TEM, the following recommendations are presented for your consideration:

- Continue monitoring all wells for all free-phase product, and record field observations and measurements.

- Continue quarterly groundwater monitoring and sampling to evaluate groundwater gradient, flow direction and contaminant concentrations.

7.0 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 laboratory reported all of the sample results to be within acceptable percent recoveries with no results exceeding the laboratory-established quality control parameters. The percent recoveries on the laboratory control sample (LCS) were well within the laboratories published QA/QC criteria. The results of the matrix spike (MS) and matrix spike duplicate (MSD) were also with acceptable limits. The samples arrived at the laboratory within the normal acceptable temperature range (4°C +/- 2°C) and were extracted and analyzed within acceptable holding times for each method and each sample.

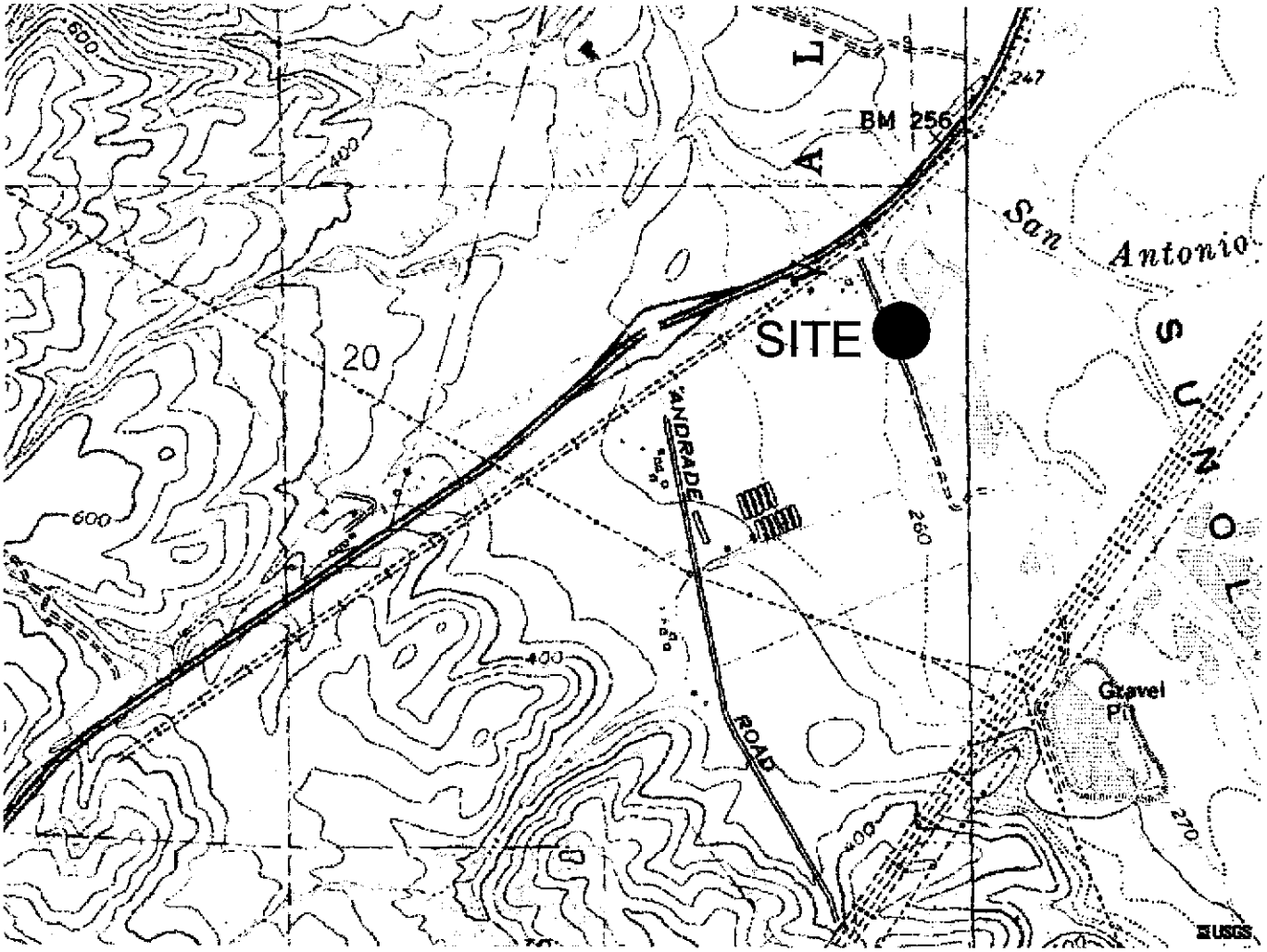
Several of the laboratories reporting limits exceeded cleanup criteria in groundwater appropriate for this site. In all instances this was because of sample dilution and elevated concentrations of hydrocarbons were detected in the samples that were affected. The QA/QC objectives for this project have been met.

8.0 LIMITATIONS

No investigation is considered thorough enough to exclude the presence of hazardous materials at a given site. Any opinions and/or recommendations presented apply to site conditions existing at the time of the performance of services.

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. TEM assumes no responsibility for conditions that we were 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 Company. We are 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.



NORTH

0 2000

1" = 2000'

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

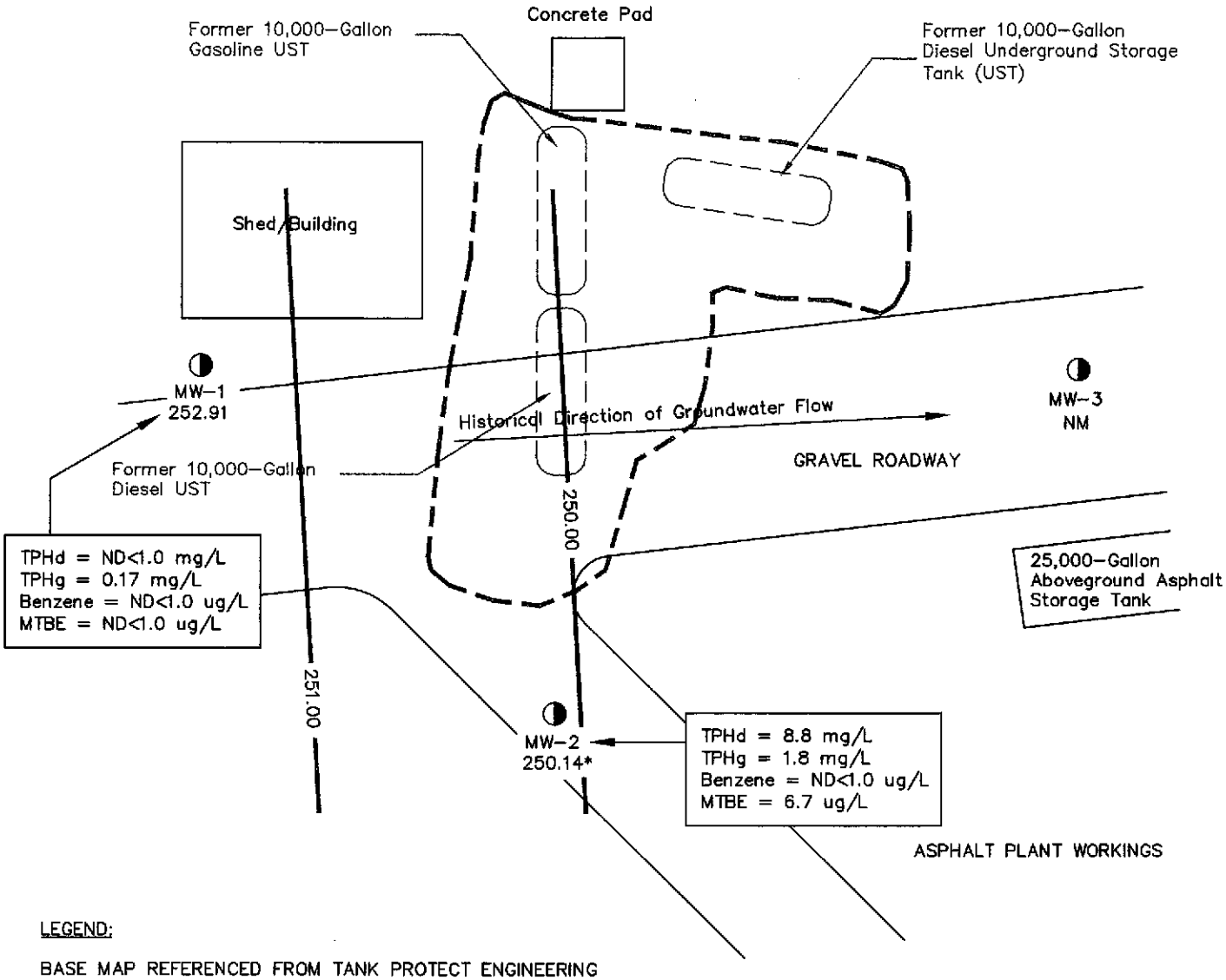
NOTES:

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

SITE VICINITY MAP

MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009	FIGURE 1



LEGEND:

BASE MAP REFERENCED FROM TANK PROTECT ENGINEERING

ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE

ND = NOT DETECTED ABOVE CORRESPONDING REPORTING LIMIT

NM = NOT MEASURED – WELL WAS INACCESSIBLE

mg/L = MILLIGRAMS PER LITER (PARTS PER MILLION)

ug/L = MICROGRAMS PER LITER (PARTS PER BILLION)

TPHd/TPHg = TOTAL PETROLEUM HYDROCARBONS AS DIESEL/GASOLINE

MTBE = METHY-TERT-BUTYL ETHER

◑ MW-1 252.91 — GROUNDWATER MONITORING WELL LOCATION WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)

— 250.00 — GROUNDWATER CONTOUR WITH ELEVATION IN FEET ABOVE MSL

→ GENERAL DIRECTION OF GROUNDWATER FLOW

– – – – LIMITS OF FORMER UST EXCAVATION

250.14* CORRECTED GROUNDWATER ELEVATION

0 20

Scale (1" = 20')

North

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

SITE PLAN WITH SELECT ANALYTICAL CONCENTRATIONS AND GROUNDWATER ELEVATIONS (JUNE 27, 2001)

MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009 | FIGURE 2

M:Tem2\Clients\Mission Valley Rock\GW Monitoring 4th Qtr 2000\Mission Valley Rock – Figure 2

Table 1
Well Construction and Groundwater Elevation Data
Second Quarter 2001
Mission Valley Rock Company
Sunol, California

Well ID	Casing Diameter	Depth to LNAPL	Depth to Water	Total Depth	Screened Interval	Measuring Point Elevation	Groundwater Elevation	Comments
MW-1	2	Not Detected	3.60	15.71	5.0 - 20.0	256.51	252.91	Well in good condition, monument cover missing 1 bolt
MW-2	2	0.06	3.31	19.15	5.0 - 20.0	256.70	250.14*	Slight sheen present
MW-3	2	-	-	-	-	-	-	Well not accessible

Screened intervals are approximated. Screened interval in wells is lower than total depth due to silting in bottom of wells.
The measurement point for the above eleven wells is the north side of the top of casing.
Depth to water and total depth measurements taken by Tait Environmental Management, Inc. personnel on June 27, 2001.
Casing diameter reported in inches (in); depth to LPH, depth to water, and total depths reported in feet below measing point (ft-bmp); screened interval reported in feet; measuring point elevation and groundwater elevations reported in feet above mean sea level (ft-msl).
Total depth and depth to water measurements taken by Tait Environmental Management from designated measurement point.
* Adjusted groundwater elevation = Measurement Point Elevation - Depth to Water + LPH Thickness

Table 2
Summary of Groundwater Sample Analytical Results
Second Quarter 2001
Mission Valley Rock Company
Sunol, California

Sample ID	MW-1	MW-2	Sample ID	MW-1	MW-2
Date Sampled	6/27/01	6/27/01	Date Sampled	6/27/01	6/27/01
GC/MS Volatiles	**ug/L**		**GC/MS Volatiles**	**ug/L**	
Acetone	ND<10	ND<10	1,1-Dichloropropene	ND<1.0	ND<1.0
Benzene	ND<1.0	ND<1.0	cis-1,3-Dichloropropene	ND<1.0	ND<1.0
Bromobenzene	ND<1.0	ND<1.0	trans-1,3-Dichloropropene	ND<1.0	ND<1.0
Bromochloromethane	ND<1.0	ND<1.0	Ethylbenzene	**1.2**	ND<1.0
Bromoform	ND<2.0	ND<2.0	Hexachlorobutadiene	ND<1.0	ND<1.0
Bromomethane	ND<5.0	ND<5.0	2-Hexanone	ND<5.0	ND<5.0
2-Butanone	ND<1.0	ND<1.0	Isopropylbenzene	ND<1.0	ND<1.0
n-Butylbenzene	ND<1.0	ND<1.0	p-Isopropyltoluene	ND<1.0	ND<1.0
sec-Butylbenzene	ND<1.0	ND<1.0	Methylene Chloride	ND<1.0	ND<1.0
tert-Butylbenzene	ND<1.0	ND<1.0	4-Methyl-2-Pentanone	ND<5.0	ND<5.0
Carbon Disulfide	ND<1.0	ND<1.0	Methyl Tert-Butyl Ether	ND<1.0	**6.7**
Carbon Tetrachloride	ND<1.0	ND<1.0	Napthalene	ND<1.0	ND<1.0
Chlorobenzene	ND<1.0	ND<1.0	n-Propylbenzene	**1.5**	**1.0**
Dibromochloromethane	ND<1.0	ND<1.0	Styrene	ND<1.0	ND<1.0
Bromodichloromethane	ND<1.0	ND<1.0	1,1,1,2-Tetrachloroethane	ND<1.0	ND<1.0
Chloroethane	ND<2.0	ND<2.0	1,1,2,2-Tetrachloroethane	ND<1.0	ND<1.0
Chloroform	ND<1.0	ND<1.0	Tetrachloroethene	ND<1.0	ND<1.0
Chloromethane	ND<2.0	ND<2.0	Toluene	ND<1.0	ND<1.0
2-Chlorotoluene	ND<1.0	ND<1.0	1,2,3-Trichlorobenzene	ND<1.0	ND<1.0
4-Chlorotoluene	ND<1.0	ND<1.0	1,2,4-Trichlorobenzene	ND<1.0	ND<1.0
1,2-Dibromo-3-Chloro-Propane	ND<2.0	ND<2.0	1,1,1-Trichloroethane	ND<1.0	ND<1.0
1,2-Dibromoethane (EDB)	ND<1.0	ND<1.0	1,1,2-Trichloroethane	ND<1.0	ND<1.0
Dibromomethane	ND<1.0	ND<1.0	Trichloroethene	ND<1.0	ND<1.0
1,2-Dichlorobenzene	ND<1.0	ND<1.0	Trichlorofluoromethane	ND<2.0	ND<2.0
1,3-Dichlorobenzene	ND<1.0	ND<1.0	1,2,3-Trichloropropane	ND<1.0	ND<1.0
1,4-Dichlorobenzene	ND<1.0	ND<1.0	1,1,2-Trichlorotrifluoroethane	ND<1.0	ND<1.0
Dichlorodifluoromethane	ND<2.0	ND<2.0	1,2,4-Trimethylbenzene	ND<1.0	ND<1.0
1,1-Dichloroethane	ND<1.0	ND<1.0	1,3,5-Trimethylbenzene	ND<1.0	ND<1.0
1,2-Dichloroethane	ND<1.0	ND<1.0	Vinyl Chloride	ND<2.0	ND<2.0
1,1-Dichloroethene	ND<1.0	ND<1.0	m-Xylene & p-Xylene	ND<1.0	ND<1.0
cis-1,2-Dichloroethene	ND<1.0	ND<1.0	o-Xylene	ND<1.0	ND<1.0
trans-1,2-Dichloroethene	ND<1.0	ND<1.0	Tert-Amyl Methyl Ether	ND<2.0	ND<2.0
1,2-Dichloropropane	ND<1.0	ND<1.0	Tert-Butyl Ethyl Ether	ND<2.0	ND<2.0
1,3-Dichloropropane	ND<1.0	ND<1.0	t-Butanol	ND<25	ND<25
2,2-Dichloropropane	ND<1.0	ND<1.0	Isopropyl Ether	ND<2.0	ND<2.0
GC Semi-Volatiles	**mg/L**		**GC Volatiles**	**mg/L**	
TPHd	ND<1.0	**8.8**	TPHg	**0.17**	**1.8**

GC/MS Volatile analyses performed by Severn Trent Laboratories, Inc. using EPA method 8260B.
GC Semi-Volatile and GC Volatile analyses performed by Severn Trent Laboratories, Inc. using EPA Method 8015B.
mg/L = Milligrams per Liter
ug/L = Micrograms per Liter
ND = Not detected at or above corresponding reporting limit
TPHd = Total petroleum hydrocarbons as diesel
TPHg = Total petroleum hydrocarbons as gasoline

Table 3
Historical Summary of Groundwater Data
Second Quarter 2001
Mission Valley Rock Company
Sunol, California

Well	Date	Depth to Water	Groundwater Elevation	LPH Thickness
MW-1	Jun-98	1.32	255.19	ND
	Jan-99	2.28	254.23	ND
	Mar-99	1.88	254.63	ND
	Jun-99	3.35	253.16	ND
	Sep-99	3.66	252.85	ND
	Dec-99	2.94	253.57	ND
	Mar-00	2.72	253.79	Odor
	Jun-00	4.01	252.50	Slight Odor
	Sep-00	5.11	251.40	Slight Odor
	Dec-00	4.95	251.56	ND
	Mar-01	2.28	254.23	ND
	Jun-01	3.60	252.91	ND
MW-2	Jun-98	1.72	254.98	0.005
	Jan-99	2.69	254.01	4.00
	Mar-99	2.50	254.20	ND
	Jun-99	4.00	252.70	Sheen
	Sep-99	4.54	252.16	0.50
	Dec-99	3.85	252.85	0.13
	Mar-00	3.20	253.50	0.03
	Jun-00	4.62	252.08	0.02
	Sep-00	5.95	250.75	>0.01
	Dec-00	5.65	251.05	0.07
	Mar-01	3.21	253.39*	0.10
	Jun-01	3.31	250.14*	0.06
MW-3	Jun-98	2.66	254.06	ND
	Jan-99	4.47	252.25	Slight Odor
	Mar-99	3.96	252.76	Sheen
	Jun-99	5.54	251.18	ND
	Sep-99	6.18	250.54	Sheen
	Dec-99	5.52	251.20	Odor
	Mar-00	4.61	252.11	Odor
	Jun-00	6.35	250.37	Very Slight Odor
	Sep-00	7.30	249.42	Very Slight Odor
	Dec-00	7.29	249.43	ND
	Mar-01	4.73	251.99	ND
	Jun-01	NM	NM	NM

Depth to water and liquid phase hydrocarbon (LPH) thickness reported in feet below measurement point.
Groundwater elevations reported in feet above mean sea level.
* Adjusted groundwater elevation = Measurement Point Elevation - Depth to Water + LPH Thickness
NM = Not Measured
ND = Not Detected

Table 4
Historical Summary of Groundwater Sample Analytical Results
Second Quarter 2001
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd	TPHg	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes
MW-1	Jun-98	<50	3100	110	19	2.3	91	48
	Oct-98	<50	2300	<0.5	3.1	4.2	5	15
	Dec-98	350	<50	<0.5	12	7.5	20	6.2
	Mar-99	190	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Jun-99	210	1800	<0.5	1.2	0.9	1.5	4.6
	Sep-99	62	180	<0.5	<0.5	<0.5	<0.5	<0.5
	Dec-99	290	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Mar-00	86	<50	<0.5	<0.5	<,0.5	<0.5	<0.5
	Jun-00	70	450	7.6	2.1	<0.5	2.1	1.4
	Sep-00	<50	850	9.8	5.4	<0.5	9.4	2.6
	Dec-00	<1.0	0.37	55	5.3	<1.0	2.7	<3.0
	Mar-01	<1.0	0.7	<1.0	<1.0	<1.0	1.4	<1.0
	Jun-01	<1.0	0.17	<1.0	<1.0	<1.0	1.2	<1.0
MW-2	Jun-98	12000	2500	14	0.68	<0.5	1.2	0.57
	Oct-98	4300	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Dec-98	38000	<5000	<500	<50	<50	51	190
	Mar-99	580	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Jun-99	4500	24000	<0.5	38	27	41	98
	Sep-99	24000	1400	27	<0.5	<0.5	<0.5	<0.5
	Dec-99	2300	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Mar-00	620	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Jun-00	1700	270	17	<0.5	<0.5	<0.5	<0.5
	Sep-00	5800	130	12	<0.5	<0.5	<0.5	0.94
	Dec-00	19	7.1	<250	<50	<50	<50	<150
	Mar-01	610	3.3	9	<1.0	<1.0	<1.0	<1.0
	Jun-01	8.8	1.8	6.7	<1.0	<1.0	<1.0	<1.0
MW-3	Jun-98	12000	300	150	0.8	<0.5	<0.5	<0.5
	Oct-98	6400	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Dec-98	5600	<100	110	1.6	1.4	<1	<1
	Mar-99	150	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Jun-99	620	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Sep-99	1500	230	89	<0.5	<0.5	<0.5	<0.5
	Dec-99	58	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Mar-00	94	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Jun-00	240	170	100	<0.5	0.52	<0.5	<0.5
	Sep-00	850	170	68	0.81	<0.5	<0.5	<0.5
	Dec-00	1.6	0.23	80	<1.0	<1.0	<1.0	<3.0
	Mar-01	1.1	0.14	83	<1.0	<1.0	<1.0	<1.0
	Jun-01	NS	NS	NS	NS	NS	NS	NS

TPHd = Total petroleum hydrocarbons as diesel reported in milligrams per Liter (mg/L)
TPHg = Total petroleum hydrocarbons as gasoline reported in mg/L
All other concentrations reported in micrograms per Liter (ug/L).
MTBE = Methyl-tert-Butyl Ether
NS = Not Sampled

Chart 1
Historical Groundwater Elevations
Mission Valley Rock Company
Sunol, California

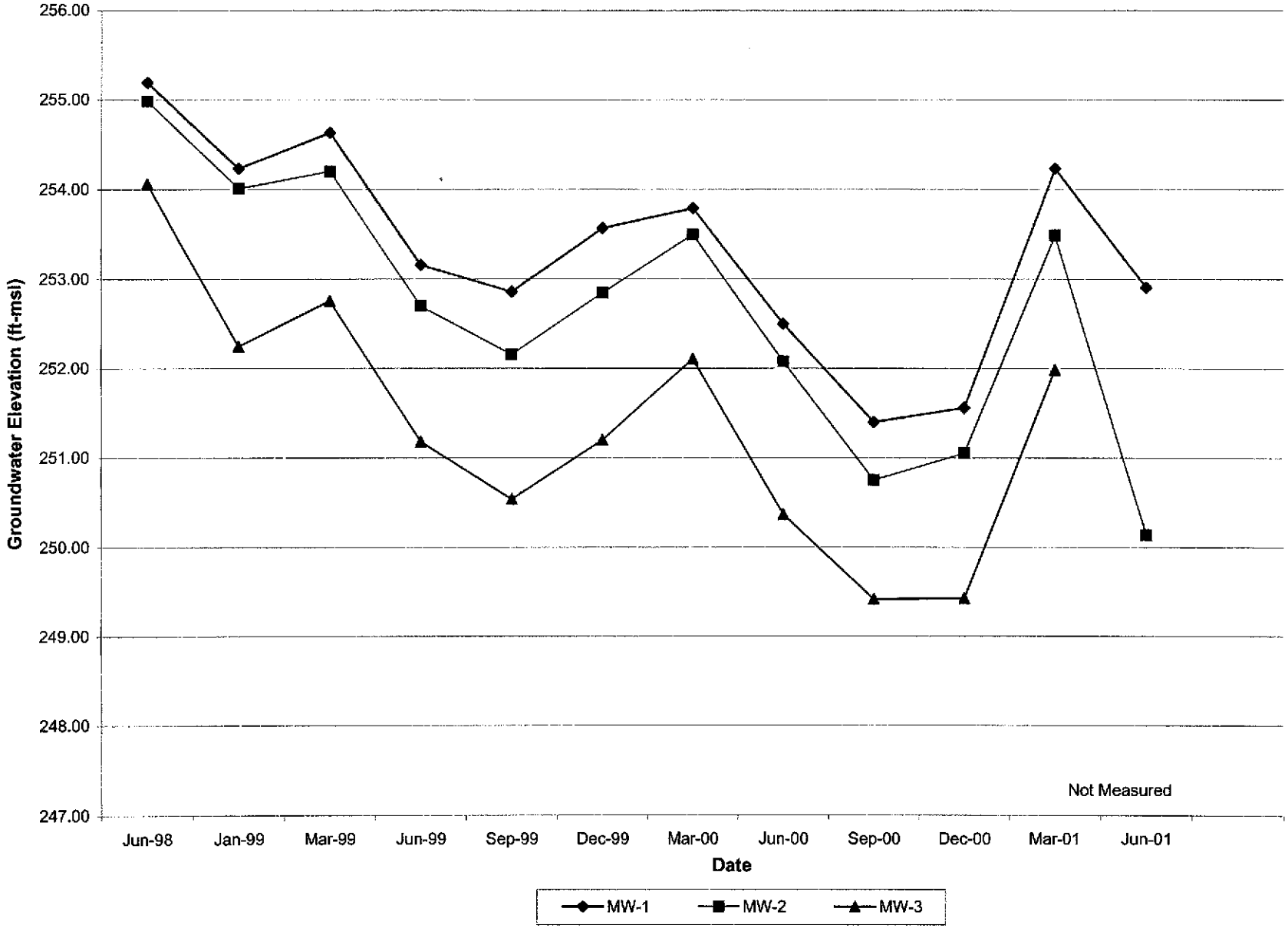


Chart 2A
Historical TPHd Concentrations in Groundwater
Mission Valley Rock Company
Sunol, California

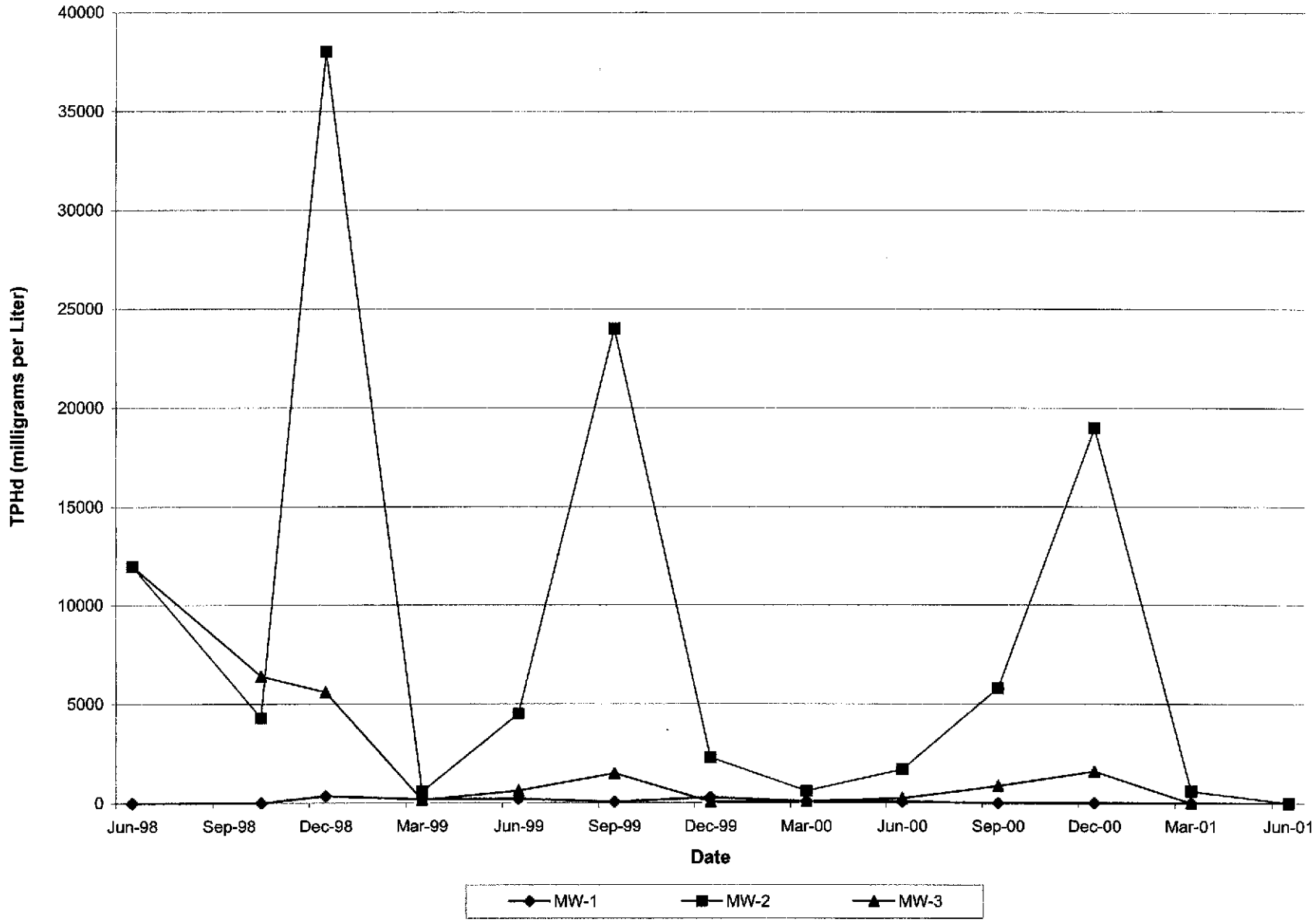


Chart 2B
Historical TPHg Concentrations in Groundwater
Mission Valley Rock Company
Sunol, California

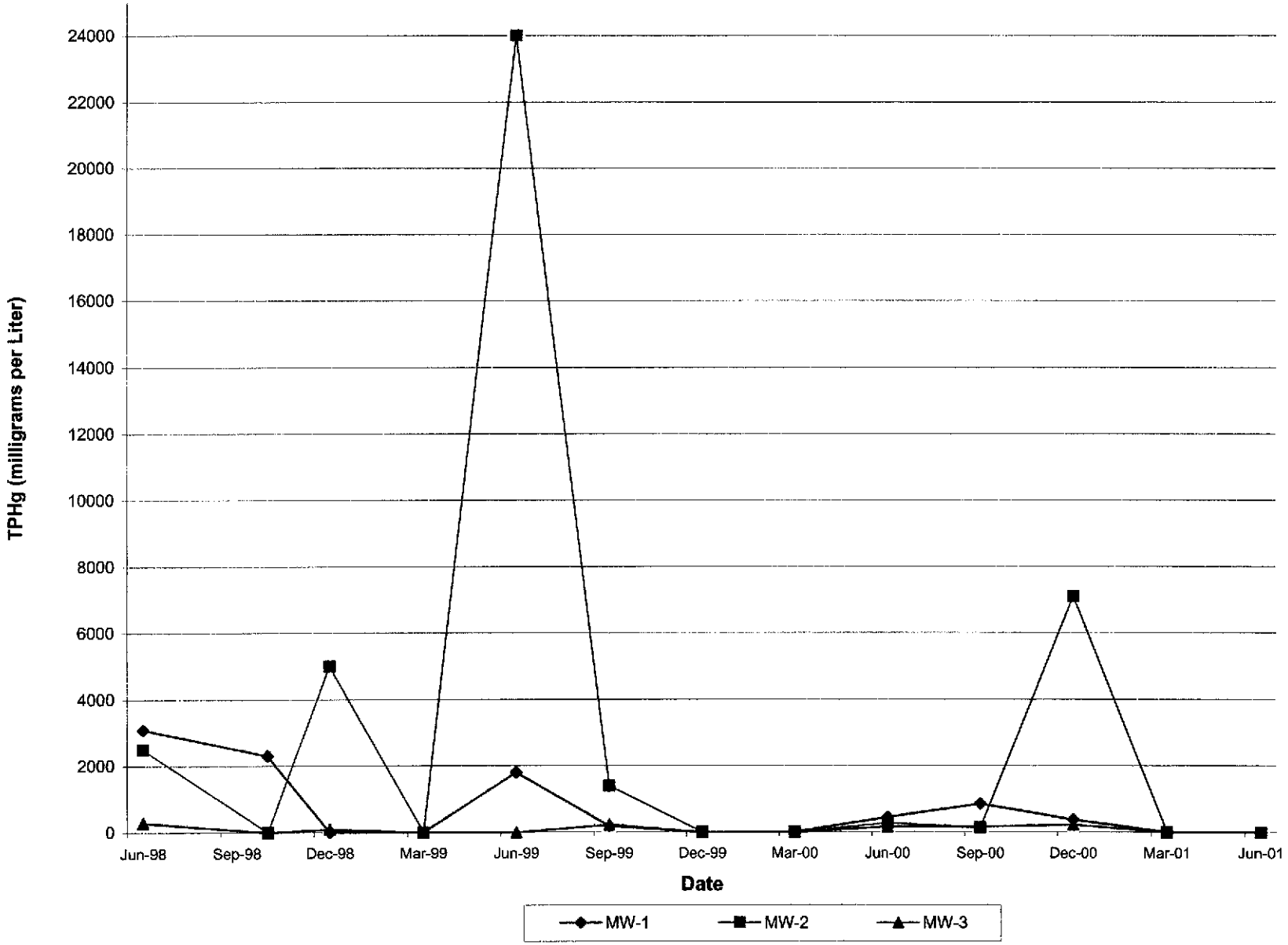
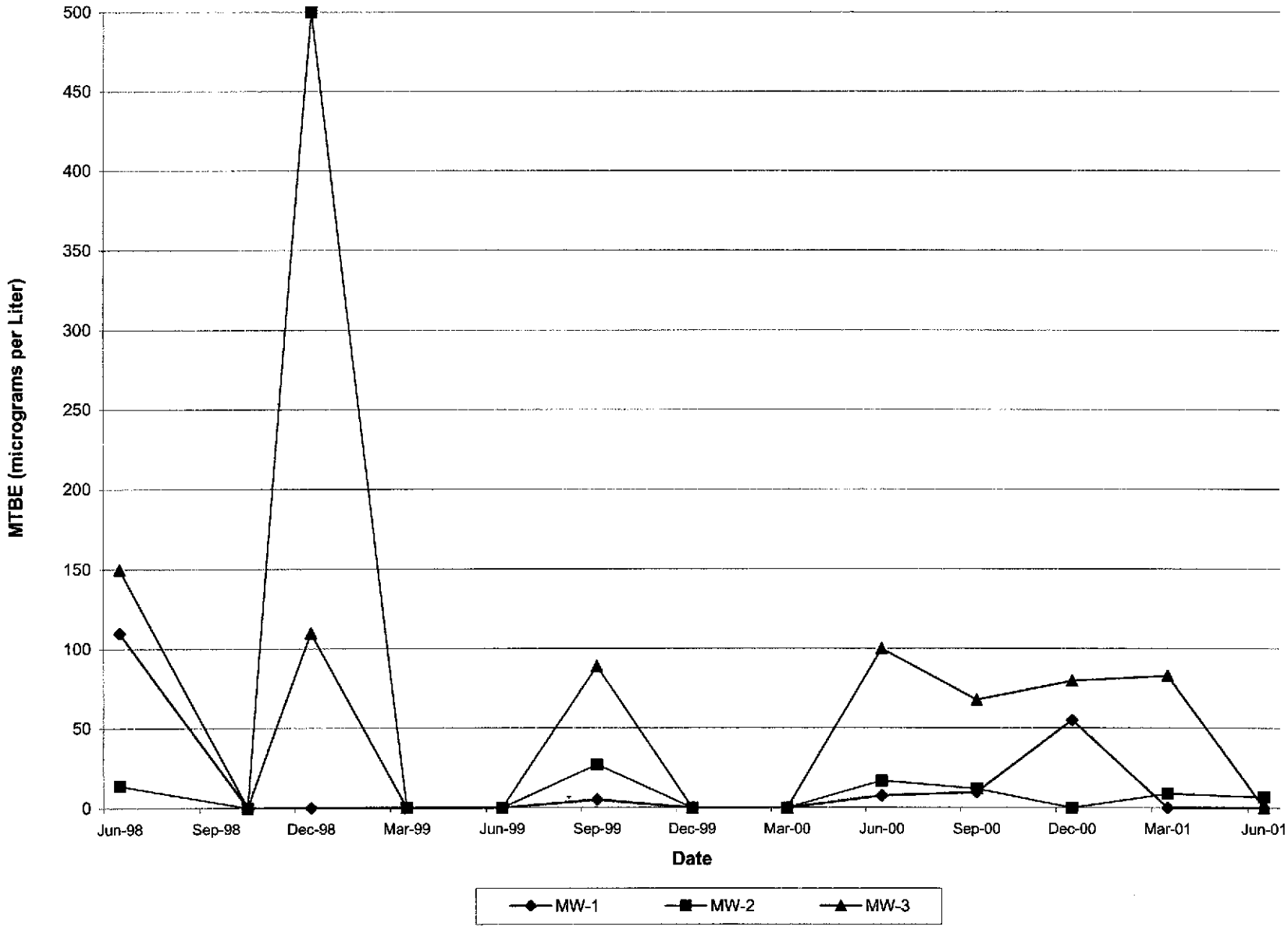


Chart 2C
Historical MTBE Concentrations in Groundwater
Mission Valley Rock Company
Sunol, California



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Mission Rock | **Date:** 6/27/01
Project No.: EM 5009 | **Prepared By:** SEE
Well Identification: MW-1 | **Weather:** overcast
Measurement Point Description: TOC-north

Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Depth to Sediment (ft-bmp)	Water Column Height (ft)	Top of Free Phase Chemicals (ft-bmp)	Bottom of Free Phase Chemicals (ft-bmp)	Free Phase Chemical Thickness (ft)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)
3.60	silted	15.71	12.11	ND	ND	ND	1.9(2)	6

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

Field Equipment: Heron Interface; Horiba U-22
Purge Method: Waterra w/ dedicated tubing
Well Condition: Good, ~~top~~ cover missing one bolt

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:07	0	0	-	NM	8.09	19.7	480	0.14	9.9	-127	clear grey/odor slight
12:14	1	2		NM	9.60	20.1	370	0.14	8.3	-127	" "
12:21	2	4		NM	9.21	19.2	950	0.14	7.7	-137	" "
12:29	3	6			9.35	19.2	380	0.14	7.1	-137	clear pale yellow

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
12:07	12:29		6	3	6.02	3.85	12:34	mw-1

Notes: six(6) VOA's, one(1) Amber

ft-bmp = feet below measuring point
C:\My Documents\Forms\Field Forms\Well Sampling Sheet (4-20-2001).DOC

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page __ of __

Project Name: Mission Rock	**Date:** 6/27/01
Project No.: EM 5009	**Prepared By:** SE
Well Identification: MW-2	**Weather:** overcast
Measurement Point Description: TOC-north	

Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Depth to Sediment (ft-bmp)	Water Column Height (ft)	Top of Free Phase Chemicals (ft-bmp)	Bottom of Free Phase Chemicals (ft-bmp)	Free Phase Chemical Thickness (ft)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)
3.31	silted	19.15	15.84	3.37	3.31	0.06	2.5	7.5

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

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:52	0	0	—	NM	9.81	20.9	>990	0.14	7.8	-159	clear black
13:00	1	2.5		NM	9.07	20.2	310	0.14	8.3	-134	clear/sheen
13:08	2	5.0		NM	8.98	19.8	150	0.14	8.7	-133	clear
13:17	3	7.5		NM	9.04	20.0	71	0.14	5.3	-123	clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:52	13:17		7.5	3	6.47	6.31	13:23	MW-2

Notes: sheen present and slight odor of degraded oil.

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	**Date:**
Project No.:	**Prepared By:**
Well Identification: MW-3	**Weather:**
Measurement Point Description:	

Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Depth to Sediment (ft-bmp)	Water Column Height (ft)	Top of Free Phase Chemicals (ft-bmp)	Bottom of Free Phase Chemicals (ft-bmp)	Free Phase Chemical Thickness (ft)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)

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

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

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

Notes: MW-3 was not accessible this quarter. Mission Rock had a rubber making plant (tractor-trailer) full of hot rubber which was parked over the well and not safe to go under the trailer/plant.

ft-bmp = feet below measuring point

SEVERN TRENT SERVICES

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705-4808

Tel: 714 258 8610
Fax: 714 258 0921
www.stl-inc.com

July 5, 2001

STL LOT NUMBER: **E1F280279**

Scott Ek
Tait Environmental
701 Park Center Dr
Santa Ana, CA 92705

Dear Mr. Ek:

This report contains the analytical results for the two samples received under chain of custody by STL Los Angeles on June 28, 2001. These samples are associated with your **MISSION VALLEY ROCK, SUNOL,CA** project.

STL Los Angeles certifies that the test results provided in this report meet all the requirements of NELAC. NELAP Certification Number for STL Los Angeles is 01118CA.

Any matrix related anomaly is footnoted within the report. A cooler receipt temperature between 2-6 degrees Celsius is within EPA acceptance criteria. The temperature of the cooler received for this project can be found on the Project Receipt Checklist. All applicable quality control procedures met method-specified acceptance criteria except as noted on the following page.

Preliminary results were sent via facsimile on June 30, 2001.

This report shall not be reproduced except in full, without the written approval of the laboratory.

This report contains 000031 pages.

STL Los Angeles is a part of Severn Trent Laboratories, Inc.

SEVERN TRENT SERVICES

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705-4808

Tel: 714 258 8610
Fax: 714 258 0921
www.stl-inc.com

CASE NARRATIVE

For 8015B (TPH as Diesel) analysis, there was insufficient sample volume provided to prepare a project-specific MS/MSD. A duplicate LCS has been prepared to provide accuracy and precision measurement for the samples in this project.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,

Marisol Tabirara

Marisol Tabirara
Project Manager

CC: Project File

ACCREDITED IN ACCORDANCE WITH nelac

STL Los Angeles is a part of Severn Trent Laboratories, Inc.

ANALYTICAL REPORT

MISSION VALLEY ROCK, SUNOL,CA

Lot #: E1F280279

Scott Ek

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Marisol Tabirara
Project Manager

July 5, 2001

EXECUTIVE SUMMARY - Detection Highlights

E1F280279

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-1 06/27/01 12:34 001				
TPH (as Gasoline)	0.17	0.10	mg/L	SW846 8015B
Ethylbenzene	1.2	1.0	ug/L	SW846 8260B
n-Propylbenzene	1.5	1.0	ug/L	SW846 8260B
MW-2 06/27/01 13:23 002				
TPH (as Diesel)	8.8	1.0	mg/L	SW846 8015B
TPH (as Gasoline)	1.8	1.0	mg/L	SW846 8015B
Methyl tert-butyl ether	6.7	1.0	ug/L	SW846 8260B
n-Propylbenzene	1.0	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E1F280279

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E1F280279

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
EFN01	001	MW-1	06/27/01	12:34
EFN09	002	MW-2	06/27/01	13:23

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TAIT ENVIRONMENTAL

Client Sample ID: MW-1

GC Semivolatiles

Lot-Sample #...:	E1F280279-001	Work Order #...:	EFN011AA	Matrix.....:	WATER
Date Sampled...:	06/27/01 12:34	Date Received..:	06/28/01 11:30	MS Run #.....:	
Prep Date.....:	06/29/01	Analysis Date..:	06/29/01		
Prep Batch #...:	1180278	Analysis Time..:	16:14		
Dilution Factor:	1				
Analyst ID.....:	356074	Instrument ID..:	G01		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	1.0	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	107	(60 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: MW-1

GC Volatiles

Lot-Sample #...:	E1F280279-001	**Work Order #...:**	EFN011AC	**Matrix.....:**	WATER
Date Sampled...:	06/27/01 12:34	**Date Received..:**	06/28/01 11:30	**MS Run #.....:**	1180188
Prep Date.....:	06/28/01	**Analysis Date..:**	06/28/01		
Prep Batch #...:	1180342	**Analysis Time..:**	21:07		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Gasoline)	**0.17**	**0.10**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	98	(60 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: MW-1

GC/MS Volatiles

Lot-Sample #...:	E1F280279-001	**Work Order #...:**	EFN011AD	**Matrix.....:**	WATER
Date Sampled...:	06/27/01 12:34	**Date Received..:**	06/28/01 11:30	**MS Run #.....:**	1180080
Prep Date.....:	06/29/01	**Analysis Date..:**	06/29/01		
Prep Batch #...:	1180196	**Analysis Time..:**	00:38		
Dilution Factor:	1				
Analyst ID.....:	004648	**Instrument ID..:**	MSC		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: MW-1

GC/MS Volatiles

Lot-Sample #...: E1F280279-001 **Work Order #...:** EFN011AD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	**1.2**	**1.0**	**ug/L**
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	**1.5**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L
t-Butanol	ND	25	ug/L
Isopropyl ether	ND	2.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 120)
1,2-Dichloroethane-d4	99	(65 - 130)
Toluene-d8	102	(80 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: MW-2

GC Semivolatiles

Lot-Sample #...:	E1F280279-002	**Work Order #...:**	EFN091AA	**Matrix.....:**	WATER
Date Sampled...:	06/27/01 13:23	**Date Received..:**	06/28/01 11:30	**MS Run #.....:**	
Prep Date.....:	06/29/01	**Analysis Date..:**	06/29/01		
Prep Batch #...:	1180278	**Analysis Time..:**	16:44		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G01		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	**8.8**	**1.0**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	108	(60 - 130)

NOTE(S):

The pattern is unknown hydrocarbons; c range- C10 to C24.

TAIT ENVIRONMENTAL

Client Sample ID: MW-2

GC Volatiles

Lot-Sample #...:	E1F280279-002	**Work Order #...:**	EFN091AC	**Matrix.....:**	WATER
Date Sampled...:	06/27/01 13:23	**Date Received..:**	06/28/01 11:30	**MS Run #.....:**	1180188
Prep Date.....:	06/28/01	**Analysis Date..:**	06/28/01		
Prep Batch #...:	1180342	**Analysis Time..:**	21:35		
Dilution Factor:	10				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Gasoline)	**1.8**	**1.0**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	81	(60 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...:	E1F280279-002	**Work Order #...:**	EFN091AD	**Matrix.....:**	WATER
Date Sampled...:	06/27/01 13:23	**Date Received..:**	06/28/01 11:30	**MS Run #.....:**	1180080
Prep Date.....:	06/29/01	**Analysis Date..:**	06/29/01		
Prep Batch #...:	1180196	**Analysis Time..:**	01:08		
Dilution Factor:	1				
Analyst ID.....:	004648	**Instrument ID..:**	MSC		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...: E1F280279-002 **Work Order #...:** EFN091AD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	**6.7**	**1.0**	**ug/L**
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	**1.0**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L
t-Butanol	ND	25	ug/L
Isopropyl ether	ND	2.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 120)
1,2-Dichloroethane-d4	106	(65 - 130)
Toluene-d8	101	(80 - 130)

QC DATA ASSOCIATION SUMMARY

E1F280279

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8015B		1180278	
	WATER	SW846 8015B		1180342	1180188
	WATER	SW846 8260B		1180196	1180080
002	WATER	SW846 8015B		1180278	
	WATER	SW846 8015B		1180342	1180188
	WATER	SW846 8260B		1180196	1180080

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1F280279 **Work Order #...:** EFP4P1AA **Matrix.....:** WATER
MB Lot-Sample #: E1F290000-196

Prep Date.....: 06/28/01 **Analysis Time..:** 17:42
Analysis Date..: 06/28/01 **Prep Batch #...:** 1180196 **Instrument ID..:** MSC
Dilution Factor: 1

Analyst ID.....: 004648

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1F280279 **Work Order #...:** EFP4P1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Tert-amyl methyl ether	ND	2.0	ug/L	SW846 8260B
Tert-butyl ethyl ether	ND	2.0	ug/L	SW846 8260B
t-Butanol	ND	25	ug/L	SW846 8260B
Isopropyl ether	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(75 - 120)
1,2-Dichloroethane-d4	103	(65 - 130)
Toluene-d8	99	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1F280279 **Work Order #...:** EFQQ71AA **Matrix.....:** WATER
MB Lot-Sample #: E1F290000-278

Prep Date.....: 06/29/01 **Analysis Time..:** 14:45
Analysis Date..: 06/29/01 **Prep Batch #...:** 1180278 **Instrument ID..:** G01
Dilution Factor: 1

Analyst ID.....: 356074

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Diesel)	ND	1.0	mg/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	108	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1F280279 **Work Order #...:** EFQ881AA **Matrix.....:** WATER
MB Lot-Sample #: E1F290000-342

Prep Date.....: 06/28/01 **Analysis Time..:** 11:31
Analysis Date..: 06/28/01 **Prep Batch #...:** 1180342 **Instrument ID..:** G16
Dilution Factor: 1

Analyst ID.....: 001464

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Gasoline)	ND	0.10	mg/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	76	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1F280279 **Work Order #...:** EFQQ71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: E1F290000-278 EFQQ71AD-LCSD
Prep Date.....: 06/29/01 **Analysis Date..:** 06/29/01
Prep Batch #...: 1180278 **Analysis Time..:** 15:15
Dilution Factor: 1 **Instrument ID..:** G01
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**5.00**	**5.25**	**mg/L**	**105**		**SW846 8015B**
	5.00	**5.30**	**mg/L**	**106**	**0.89**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	105	(60 - 130)
	109	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E1F280279 **Work Order #...:** EFQQ71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: E1F290000-278 EFQQ71AD-LCSD
Prep Date.....: 06/29/01 **Analysis Date..:** 06/29/01
Prep Batch #...: 1180278 **Analysis Time..:** 15:15
Dilution Factor: 1 **Instrument ID..:** G01
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**105**	**(65 - 140)**			**SW846 8015B**
	106	**(65 - 140)**	**0.89**	**(0-25)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	105	(60 - 130)
	109	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1F280279 **Work Order #...:** EFP4P1AC **Matrix.....:** WATER
LCS Lot-Sample#: E1F290000-196
Prep Date.....: 06/28/01 **Analysis Date..:** 06/28/01
Prep Batch #...: 1180196 **Analysis Time..:** 17:12
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**9.87**	**ug/L**	**99**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.58**	**ug/L**	**96**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Toluene	**10.0**	**9.59**	**ug/L**	**96**	**SW846 8260B**
Trichloroethene	**10.0**	**9.81**	**ug/L**	**98**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 120)
1,2-Dichloroethane-d4	101	(65 - 130)
Toluene-d8	105	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1F280279 **Work Order #...:** EFQ881AC **Matrix.....:** WATER
LCS Lot-Sample#: E1F290000-342
Prep Date.....: 06/28/01 **Analysis Date..:** 06/28/01
Prep Batch #...: 1180342 **Analysis Time..:** 11:02
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**1.00**	**1.26**	**mg/L**	**126**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	115	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1F280279 **Work Order #...:** EFP4P1AC **Matrix.....:** WATER
LCS Lot-Sample#: E1F290000-196
Prep Date.....: 06/28/01 **Analysis Date..:** 06/28/01
Prep Batch #...: 1180196 **Analysis Time..:** 17:12
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**99**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**96**	**(80 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**100**	**(70 - 130)**	**SW846 8260B**
Toluene	**96**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**98**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 120)
1,2-Dichloroethane-d4	101	(65 - 130)
Toluene-d8	105	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1F280279 **Work Order #...:** EFQ881AC **Matrix.....:** WATER
LCS Lot-Sample#: E1F290000-342
Prep Date.....: 06/28/01 **Analysis Date..:** 06/28/01
Prep Batch #...: 1180342 **Analysis Time..:** 11:02
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**126**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	115	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E1F280279	**Work Order #...:**	EFL1V1AG-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1F270299-007		EFL1V1AH-MSD		
Date Sampled...:	06/26/01 08:25	**Date Received..:**	06/27/01 16:00	**MS Run #.....:**	1180188
Prep Date.....:	06/28/01	**Analysis Date..:**	06/28/01		
Prep Batch #...:	1180342	**Analysis Time..:**	15:22		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**1.00**	**1.14**	**mg/L**	**114**		**SW846 8015B**
	ND	**1.00**	**1.14**	**mg/L**	**114**	**0.22**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(60 - 130)
	120	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E1F280279	**Work Order #...:**	EFNAV1AD-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1F280210-002		EFNAV1AE-MSD		
Date Sampled...:	06/27/01 09:51	**Date Received..:**	06/28/01 10:10	**MS Run #.....:**	1180080
Prep Date.....:	06/29/01	**Analysis Date..:**	06/29/01		
Prep Batch #...:	1180196	**Analysis Time..:**	01:38		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSC

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**10.0**	**9.59**	**ug/L**	**96**		**SW846 8260B**
	ND	**10.0**	**9.75**	**ug/L**	**98**	**1.6**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**9.47**	**ug/L**	**95**		**SW846 8260B**
	ND	**10.0**	**9.65**	**ug/L**	**96**	**1.9**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10.0**	**9.62**	**ug/L**	**96**		**SW846 8260B**
	ND	**10.0**	**9.75**	**ug/L**	**98**	**1.3**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.35**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**9.54**	**ug/L**	**95**	**2.0**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**9.50**	**ug/L**	**95**		**SW846 8260B**
	ND	**10.0**	**9.67**	**ug/L**	**97**	**1.8**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 120)
	103	(75 - 120)
1,2-Dichloroethane-d4	100	(65 - 130)
	101	(65 - 130)
Toluene-d8	102	(80 - 130)
	102	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E1F280279	**Work Order #...:**	EFL1V1AG-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1F270299-007		EFL1V1AH-MSD		
Date Sampled...:	06/26/01 08:25	**Date Received..:**	06/27/01 16:00	**MS Run #.....:**	1180188
Prep Date.....:	06/28/01	**Analysis Date..:**	06/28/01		
Prep Batch #...:	1180342	**Analysis Time..:**	15:22		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**114**	**(60 - 130)**			**SW846 8015B**
	114	**(60 - 130)**	**0.22**	**(0-25)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	117	(60 - 130)
	120	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E1F280279	**Work Order #...:**	EFNAV1AD-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1F280210-002		EFNAV1AE-MSD		
Date Sampled...:	06/27/01 09:51	**Date Received..:**	06/28/01 10:10	**MS Run #.....:**	1180080
Prep Date.....:	06/29/01	**Analysis Date..:**	06/29/01		
Prep Batch #...:	1180196	**Analysis Time..:**	01:38		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSC

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(75 - 120)**			**SW846 8260B**
	98	**(75 - 120)**	**1.6**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**95**	**(80 - 120)**			**SW846 8260B**
	96	**(80 - 120)**	**1.9**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**96**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**1.3**	**(0-25)**	**SW846 8260B**
Toluene	**94**	**(80 - 120)**			**SW846 8260B**
	95	**(80 - 120)**	**2.0**	**(0-25)**	**SW846 8260B**
Trichloroethene	**95**	**(75 - 130)**			**SW846 8260B**
	97	**(75 - 130)**	**1.8**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 120)
	103	(75 - 120)
1,2-Dichloroethane-d4	100	(65 - 130)
	101	(65 - 130)
Toluene-d8	102	(80 - 130)
	102	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client: [redacted] Tait	Project Manager: Scott EK	Date: 6/27/01	Chain of Custody Number: 051696
Address: 701 N. Parkcenter Dr.	Telephone Number (Area Code)/Fax Number: (714) 560-8694	Lab Number:	Page 1 of 1
City: Santa Ana / State: CA / Zip Code: 92705	Site Contact: —	Lab Contact: M. Tabirara	
Project Name and Location (State): Mission Valley Rock, Sunol, CA	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNOS	HCl	NaOH	ZnAc/NaOH	Analysis: TPHg	TPHd	VOC (8260)	Chromium, Chromium VI	Special Instructions/ Conditions of Receipt
MW-1	6/27/01	12:34		X			1			6			X	X	X		
MW-2	6/27/01	13:23		X			2			6			X	X	X		

000033

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [ ] 24 Hours [ ] 48 Hours [ ] 7 Days [X] 14 Days [ ] 21 Days [ ] Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Scott E. EK	6/28/01	1050	1. Received By: [signature]	6-28-01	1050
2. Relinquished By: [signature]	6-28-01	1105	2. Received By: elb-L [signature]	6/28/01	11-30.
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 6/28/01

Quantims Lot #: EF280279
Client Name: TAIT
Received by: MLT

Quote #:
Project: MISSION VALLEY ROCK
Date/Time Received: 6/28/01 1130

Delivered by : ☐Client ☐Airborne ☐Fed Ex ☐DHL ☐Ultra-Ex ☐Rey B.
☐UPS ☐DES ☒Other MIKE

Initial / Date

Custody Seal Status: ☐Intact ☐Broken ☒None ..... MLT 6/28/01
Custody Seal #(s): ☐No Seal # .....
Sample Container(s): ☑STL-LA ☐Client ☐N/A .....
Temperature(s) (COOLER/BLANK) in °C: 5°C (CORRECTED TEMP) 5.2°C .....
Thermometer Used : ☒IR (Infra-red) ☐Digital (Probe) .....
Samples: ☒Intact ☐Broken ☐Other _____ .....
Anomalies: ☒No ☐Yes (See Clouseau) .....
Labeled by .....
Labeling checked by .....

Turn Around Time: ☐RUSH-24HR ☐RUSH-48HR ☐RUSH-72HR ☑NORMAL .....
Short-Hold Notification: ☐Ph ☐Wet Chem ☐Metals (Filter/Pres) ☐Encore ☑N/A ... ✓
Outside Analysis(es) (Test/Lab/Date Sent Out) :

_____ .....
_____ .....
_____ .....
_____ .....

•••••••••• LEAVE NO BLANK SPACES ; USE N/A ••••••••••

Fraction	1	2									PH
VOAh *	6	6									(N/A)
1L AGs	1	2									⇒

h:HCl s:Sodium Hydroxide z:Zinc Acetate/Sodium Hydroxide x: H2SO4 n:HNO3 nf:HNO3-Field filtered nl:HNO3-Lab filtered
CGL:Clear Glass Jar CGB:Clear Glass Bottle AGJ:Amber Glass Jar AGB:Amber Glass Bottle PB: Poly Bottle E:Encore Sampler V:VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: MB 06/28/01 REVIEWED BY/DATE: MT 6/28/01