ConocoPhillips
76 Broadway
Sacramento, California 95818

December 19, 2008

Ms. Barbara Jakub
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: **Report Transmittal**
Historical Review Report
76 Service Station #5367
500 Bancroft Avenue
San Leandro, California
Loc Case #: RO0000499

Dear Ms. Jakub:

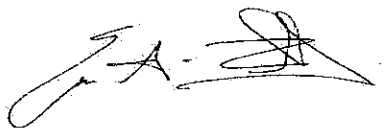
I declare under penalty of perjury that, to the best of my knowledge, the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please call:

Ted Moise (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818

Phone: (510) 245-5162
Fax: (918) 662-4480

Sincerely,



Eric G. Hetrick
Site Manager
Risk Management & Remediation

Attachment

December 19, 2008

Ms. Barbara Jakub
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: Historical Review Report
76 Service Station No 5367
500 Bancroft Avenue
San Leandro California
Fuel Leak Case No. RO0000499

DELTA

Dear Ms. Jakub:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting this Historical Review Report for the above referenced site.

SITE BACKGROUND AND PREVIOUS ENVIRONMENTAL WORK

The site is located on the eastern corner of the intersection of Bancroft Avenue and Dowling Boulevard and is an active 76 service station. The site location is shown on Figure 1. Three 12,000-gallon underground storage tanks (USTs) and two dispenser islands are present at the site. Site features are shown on Figure 2.

In 1987, the USTs and associated piping were replaced. During the work, approximately 250 cubic yards of impacted soil was excavated and removed from the site. A limited environmental investigation was performed by Applied Geosystems in 1987 and consisted of advancing one boring and the installation of groundwater monitoring well MW-1 at the site. Free product (approximately ¼ inch) was present on the groundwater beneath the site. Approximately 120 pounds of free product were removed by hand bailing. The monitoring well, MW-1, location is shown on Figure 2.

In June 1988, Applied Geosystems collected soil vapor samples from seven locations on-site. The results of the analysis indicated petroleum hydrocarbon vapors in the soil, if present, were below laboratory's indicated reporting limits in all seven samples collected. Sample locations are shown on Figure 2.

In September and October 1988, three additional monitoring wells (MW-2 through MW-4) were installed at the site by Applied Geosystems, Figure 2. Based on the data from the investigation,

a member of: Inogen Environmental Alliance

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the extent of impacted soil appeared limited to an area west and south of the tank pit at depths ranging from 30 and 36 feet below ground surface (bgs).

In February 1990, an additional on-site monitoring well (MW-5) and three off-site monitoring wells (MW-6 through MW-8) were installed by Applied Geosystems, Figure 2. The data from this and the previous investigations indicated that impacted groundwater was present both beneath the site and off-site to the southwest. The extent of impacted soil and groundwater appeared to be delineated to the east of the USTs and to the west of the site.

Between mid-1994 and mid-1995, two additional monitoring wells (MW-9 and MW-10) were installed to the west and south of the site, respectively.

Between March 1996 and March 1997, soil vapor extraction (SVE) and groundwater extraction (GWE) remediation systems operated at the site. During this time, approximately 637,151 gallons of impacted groundwater were removed by the GWE system. An estimated 180 pounds and 108 pounds of total petroleum hydrocarbons as gasoline (TPHg) were removed by the SVE and GWE systems, respectively.

In November 1998, the product piping was replaced and approximately 30 cubic yards of soil was removed from the site. Spill containment sumps and electronic leak detection were also installed.

On April 23, 2007, an irrigation well was purged and sampled by Delta. The well was sampled at the request of a nearby resident, located at 589 Broadmoor Boulevard in San Leandro. Groundwater samples were collected and analyzed from the well for total purgeable petroleum hydrocarbons (TPPH); benzene, toluene, ethyl-benzene, and total xylenes (BTEX); and methyl tertiary butyl ether (MTBE) di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), TBA, 1,2-dichloroethane (1,2-DCA), ethylene di-bromide (EDB), and ethanol - (8 oxygenates) by Environmental Protection Agency (EPA) Method 8260. All constituents tested were below the laboratory's indicated reporting limits.

SENSITIVE RECEPTORS

A well search performed in 1990 by Applied Geosystems identified at least 15 wells within ½ mile of the site. Five of the wells were down-gradient (southwest) and within approximately 600 feet of the site. One of these wells was used for irrigation, one was abandoned, and no records pertaining to the remaining three wells were available. No municipal wells were identified within ½ mile of the site. The nearest water-supply wells were located approximately 400 feet southwest of the site.

A sensitive receptor survey was performed by Delta in August 2006. The survey consisted of a review of Department of Water Resources (DWR) files to evaluate the presence of wells within 1-mile of the site. A list of property owners within 1,000 feet of the site was also generated to evaluate if any of the properties have potential receptors of the petroleum hydrocarbon impact from the project site.

A Public Health Assessment Questionnaire presenting specific queries regarding the presence of sensitive receptors was mailed to each of the identified property owners. A total of 341 questionnaires were mailed in April 2006, and 114 responses were

received. Based on the data from the responding parties, sixteen wells were identified within 1,000 feet of the site. Seven of the properties had sumps used for irrigation, and basements were present on twenty seven of the properties.

Delta also reviewed the DWR files to prepare a list of parcel numbers, property owner's names, and property addresses of potential receptors within a 1-mile radius of the site. Questionnaires were mailed to 43 addresses in June 2006, but only two responses were received. The two respondents had a well on their property; however, no sumps or basements were present.

Based on the U.S. Geological Survey (USGS) topographic map for the site area (San Leandro quadrangle, 1967), the nearest surface water body is San Leandro Creek located approximately 1,900 feet southeast of the site.

Delta also searched for schools, daycare centers, and hospitals within the 1,000-foot radius of the site; none were identified.

REGIONAL GEOLOGY/ STRATIGRAPHY

The site is located on the East Bay Plain, a gently sloping surface extending from the foothills to the east towards the edge of San Francisco Bay. The site area is underlain by Holocene-age alluvial deposits consisting of unconsolidated, poorly graded, permeable fine sands, silts and clays with a few thin beds of coarse sand.

REGIONAL HYDROLOGY

The site is located on East Bay Plain Subbasin, which is bounded to west by the San Francisco Bay. The East Bay Plain is an elongated, northwest trending flat alluvial plain encompassing about 115 square miles. The East Bay Plain, as defined by DWR (1980), is bounded on the west by San Francisco Bay, by San Pablo Bay to the north, and by the Hayward Fault to the east.

San Lorenzo and San Leandro Sub-Areas are very similar in hydrogeologic characteristics, but can be separated based in the surface trace of the junction between the San Leandro and San Lorenzo alluvial fans. The Sub-Areas are primarily filled with alluvial fans, but unlike the Sub-Areas to the north, the Yerba Buena Mud extends west into the San Lorenzo and San Leandro Sub-Areas. It has been proposed that a clay layer forms an extensive east-west aquitard across this basin. Historically there were municipal supply wells in these Sub-Areas that produced from upper Alameda gravels. These Sub-Areas were distinct from the Niles Cone basin to the south, in that the alluvial fans are finer-grained and produce less groundwater.

SITE GEOLOGY

The site is underlain by predominately clay (Unified Soil Classification Symbol CL), silt (ML), clayey and silty sand (SC and SM), well graded sand (SW), and poorly graded sand (SP) to a depth of approximately 48 feet, the maximum depth explored.

SITE HYDROGEOLOGY

The site groundwater is currently monitored by ten monitoring wells (MW-1 through MW-10). Monitoring well MW-1 is screened from 10 to 35 feet bgs, MW-2 (28 to 48 feet bgs, MW-3 and MW-4 (23 to 48 feet bgs), MW-5 and MW-6 (25 to 45 feet bgs), MW-7 and MW-8 (24 to 44 feet bgs), and MW-9 and MW-10 (20 to 45 feet bgs). Depth to groundwater in the monitoring wells on September 2, 2008 ranged from 30.47 to 33.07 feet below top of casing. Groundwater flow is typically to the southwest and west with a very shallow average gradient of 0.007 foot per foot (ft/ft). TRC Solutions, Inc. (TRCs) most recent quarterly monitoring report is provided as Attachment A. Historic groundwater flow directions shown on a rose diagram presented as Attachment B.

MONITORING AND SAMPLING

Currently, 10 monitoring wells, five on-site and five off-site, are part of the monitoring and sampling program. Between 1991 and 1996, the monitoring wells were monitored and sampled primarily on a quarterly basis. Since first quarter 1996, the monitoring wells have been monitored and sampled on a semi-annual basis. Groundwater samples are collected and analyzed from the monitoring wells for TPPH, BTEX, and MTBE by EPA Method 8260B.

Contaminants of Concern

- **TPPH:** TPPH was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells MW-1, MW-3, and MW-8 at concentrations of 8,300 micrograms per liter (µg/L), 80 µg/L, and 85 µg/L, respectively during the third quarter 2008 event.

- **Benzene:** Benzene was above the laboratory's indicated reporting limit in the groundwater samples collected and submitted for analysis from monitoring well MW-1 at a concentration of 7.7 µg/L during the third quarter 2008 event.

- **MTBE:** MTBE was below laboratory's indicated reporting limits in each of the groundwater samples collected and submitted for analysis from the monitoring wells during the third quarter 2008 event. However, the reporting limit in the sample submitted for analysis from monitoring well MW-1 was raised due to sample dilution.

Additionally, ethyl-benzene and total xylenes were above the laboratory's indicated reporting limits in the groundwater sample collected and submitted for analysis from monitoring well MW-1 at concentrations of 850 µg/L and 56 µg/L, respectively during the third quarter 2008 event.

REMEDIATION STATUS

In 1987, during UST and piping replacement work, approximately 250 cubic yards of impacted soil was excavated and removed from the site; approximately 120 pounds of free product was removed by hand bailing from monitoring well MW-1.

Between March 1996 and March 1997 SVE and GWE systems operated at the site. During this time, the GWE system extracted approximately 637,151 gallons of impacted groundwater. The SVE and GWE systems removed approximately 180 pounds and 108 pounds of TPHg, respectively.

In November 1998, approximately 30 cubic yards of soil was over-excavated and removed from the site during product piping replacement.

PREFERENTIAL PATHWAYS

Natural groundwater flow has carried dissolved petroleum hydrocarbons down-gradient to the southwest beneath Bancroft Avenue as indicated by the petroleum hydrocarbon impacted groundwater found in monitoring well MW-8.

Underground utility trenches such as on-and off-site sewer, water, storm drain, telephone, and electric lines are not anticipated to have acted as preferential pathways due to the release of contaminants from the base of the UST pit at a depth of approximately 21 feet bgs. In addition, the groundwater at this site is generally found a depths ranging from 16 to 37 feet btc. This is likely below the depth of any utility trenches beneath and in the vicinity of the site.

CONCLUSIONS AND RECOMMENDATIONS

Based on the soil samples collected at the site the soil is impacted to a depth of 36 feet bgs (B3/MW-3 [TPHg 3692 mg/kg]). This is the maximum depth soil samples have been collected at the site. Soil analytical data is presented in Table 1. Soil sample locations are shown on Figure 2.

Based on the analytical data, impacted groundwater remains beneath the site in the area of the USTs and dispenser islands (monitoring well MW-1) and some distance beneath Bancroft Avenue. The concentrations reported during the third quarter 2008 event were similar to or less than those reported during the previous event.

Based on the groundwater monitoring analytical data, the plume appears stable and an overall decreasing trend in TPPH and benzene concentrations continues. The decline in petroleum hydrocarbon concentrations is likely due to natural biodegradation.

With the exception of monitoring well MW-1 screened from 10 to 35 feet bgs, the monitoring wells all appear to be appropriately screened. However, all of the monitoring wells down-gradient of monitoring well MW-1 contain low to below the laboratory's indicated reporting limit concentrations of petroleum hydrocarbon. This indicates that the potential for petroleum hydrocarbon impact to any wells down-gradient of the site is minimal.

The vertical extent of the petroleum hydrocarbon impact to the soil does not appear to be completely assessed. As stated above the soil sample collected from boring B3/MW-3 at a depth of 36 feet bgs contained TPHg at a concentration of 3,692 mg/kg. Due to the close proximity of the USTs and this sample location to the property boundary it is impractical to advance this boring on-site down-gradient of the USTs. Therefore, Delta recommends that one boring be advanced across Bancroft Avenue, northwest of monitoring well MW-8. The boring will be advanced to a depth of approximately 50 feet

bgs and soil and groundwater samples will be collected. If the Alameda County Health Care Services Agency (ACHCSA) concurs with this recommendation, the details of this proposed additional investigation will be submitted in a work plan under a separate cover for their review.

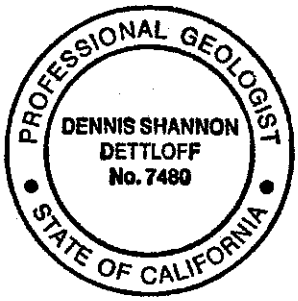
REMARKS/SIGNATURES

The recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report will be performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have any questions regarding this project, please contact Dennis Dettloff at (916) 503-1261 or Mr. Ted Moise of ConocoPhillips at (510) 245-5162.

Sincerely,
DELTA CONSULTANTS

Dennis S. Dettloff, P.G.
Senior Project Manger
California Registered Professional Geologist No. 7480



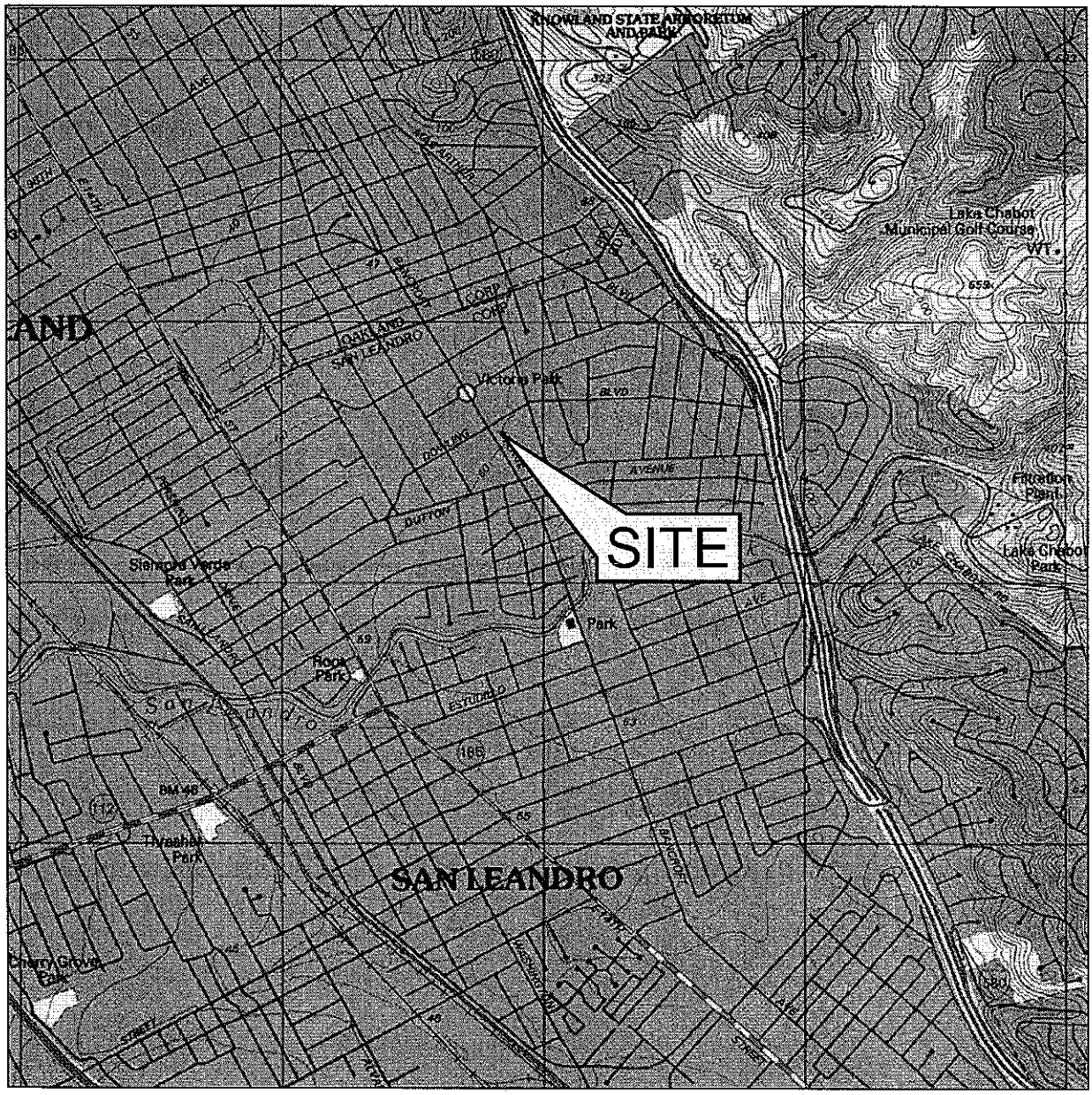
Figures
- Figure 1 – Site Location Map
- Figure 2 – Site Plan

Table
- Table 1 – Historical Soil Analytical Results

Attachments
- Attachment A – TRCs Semi-Annual Monitoring Report – April through September 2008
- Attachment B – Historic Groundwater Flow Directions

cc: Mr. Ted Moise-ConocoPhillips (electronic upload only)

Figures



0 1000 FT 2000 FT

SCALE: 1 : 24,000

North

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, SAN LEANDRO QUADRANGLE, 1967

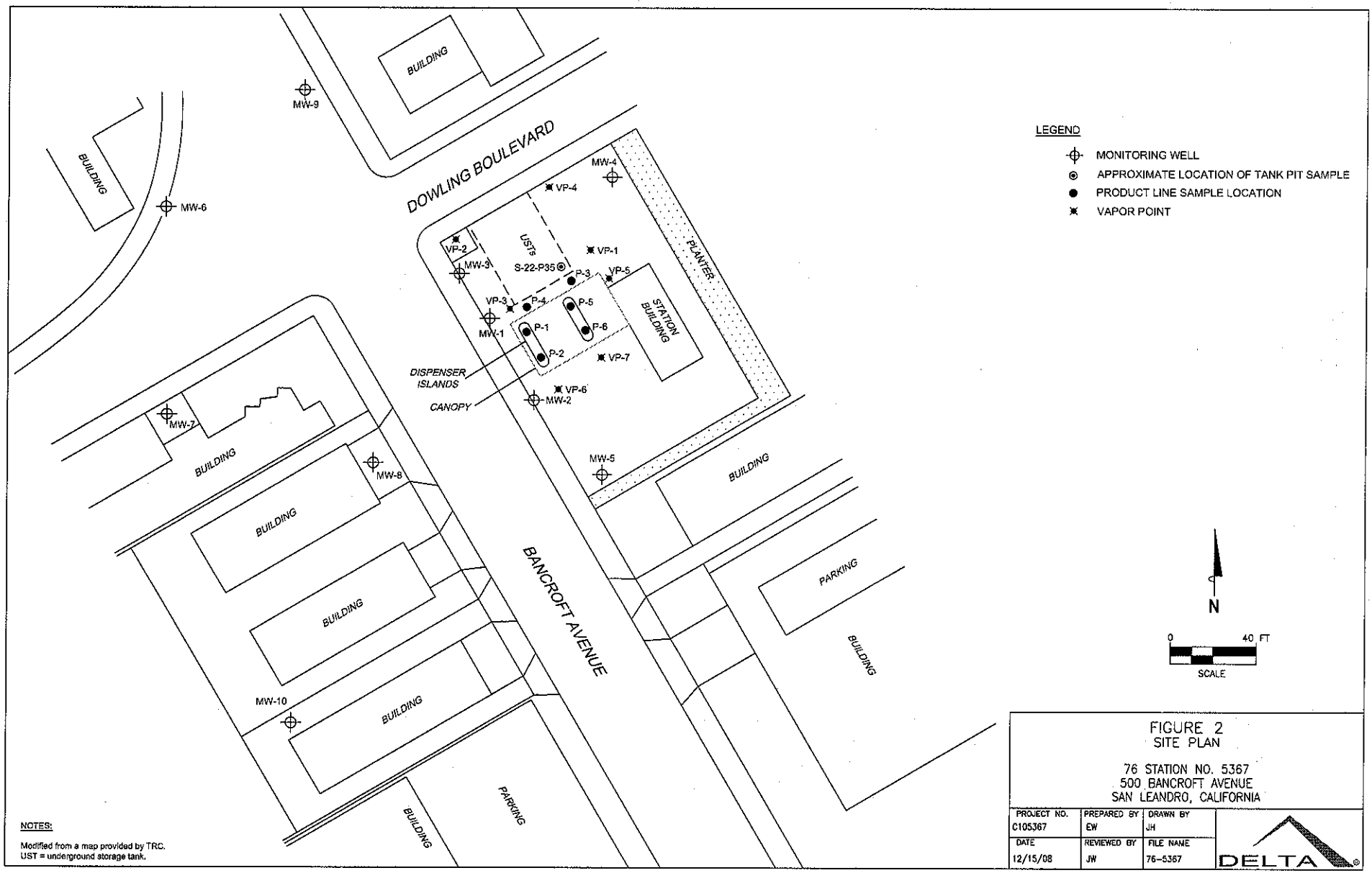
FIGURE 1

SITE LOCATION MAP

76 SERVICE STATION NO. 5367
500 BANCROFT AVENUE
SAN LEANDRO, CA

PROJECT NO. C105-367	DRAWN BY JH 12/18/08
FILE NO. Site Locator 5367	PREPARED BY DD
REVISION NO. 2	REVIEWED BY

DELTA®



NOTES:

Modified from a map provided by TRC.
UST = underground storage tank.

FIGURE 2
SITE PLAN

76 STATION NO. 5367
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
C105367	EW	JH
DATE	REVIEWED BY	FILE NAME
12/15/08	JW	76-5367

DELTA

Table

Table 1

HISTORICAL SOIL ANALYTICAL RESULTS
ConocoPhillips Station No. 5367
500 Bancroft Avenue, San Leandro, California

Sample ID	Date	Sample Depth (feet)	TVH (mg/kg)	TPHg (mg/kg)	TPPH (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)
S-22-pit	8/21/1987	21	**161.87**	NA	NA	NA	NA	NA	NA	NA	NA
S-20-B1	9/24/1987	20	**20.04**	NA	NA	NA	<0.05	**1.24**	**0.65**	**3.93**	NA
S-35-B1	9/24/1987	35	**587.3**	NA	NA	NA	**22.1**	**29.7**	**20.5**	**167.1**	NA
S-10.5-B2	9/29/1988	10.5	NA	<2	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S-30.5-B2	9/29/1988	30.5	NA	**52**	NA	NA	**0.17**	<0.05	**1.52**	**5.11**	NA
S-26-B3	9/29/1988	26	NA	**7**	NA	NA	**0.1**	**0.45**	**0.3**	**1.67**	NA
S-36-B3	9/29/1988	36	NA	**3692**	NA	NA	**8**	**129**	**65**	**394**	NA
S-11-B4	9/30/1988	11	NA	<2	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S-30.5-B4	9/30/1988	30.5	NA	<2	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S-11-B5	5/15/1989	11	NA	<2	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S-31-B5	5/15/1989	31	NA	<2	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S-21-B6	5/15/1989	21	NA	<2	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S-31-B6	5/15/1989	31	NA	<2	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S-26-B8	2/6/1990	26	NA	<2	NA	NA	**0.098**	<0.05	<0.05	<0.05	NA
S-31-B8	2/6/1990	31	NA	**90**	NA	NA	<0.05	<0.05	**0.83**	**3.9**	NA
S-38.5-B8	2/6/1990	38.5	NA	<2	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S-26-B7	2/7/1990	26	NA	<2	NA	NA	**0.092**	<0.05	<0.05	<0.05	NA
S-36-B7	2/7/1990	36	NA	**2.3**	NA	NA	<0.05	<0.05	<0.05	**0.13**	NA
MW9-30	12/16/1994	30	NA	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
MW10-30	4/6/1995	30	NA	<2	NA	NA	<0.005	<0.005	<0.005	<0.005	NA
P-1	10/26/1998		NA	NA	<1	**3.1**	<0.005	<0.005	<0.005	<0.005	<0.025
P-2	10/26/1998		NA	NA	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.025
P-3	10/26/1998		NA	NA	<1	**1.8**	<0.005	<0.005	<0.005	<0.005	<0.025
P-4	10/26/1998		NA	NA	<1	**1**	<0.005	<0.005	<0.005	<0.005	<0.025
P-5	10/26/1998		NA	NA	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.025
P-6	10/26/1998		NA	NA	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.025
S0825-1	8/25/1987	comp	**247.9**	NA	NA	NA	NA	NA	NA	NA	NA
S0825-2	8/25/1987	comp	**3.14**	NA	NA	NA	NA	NA	NA	NA	NA
S0825-3	8/25/1987	comp	**9.63**	NA	NA	NA	NA	NA	NA	NA	NA
S0825-4	8/25/1987	comp	**9.62**	NA	NA	NA	NA	NA	NA	NA	NA
S0825-5	8/25/1987	comp	**17.89**	NA	NA	NA	NA	NA	NA	NA	NA
S0825-6	8/25/1987	comp	**0.93**	NA	NA	NA	NA	NA	NA	NA	NA
S0922-1	9/22/1987	comp	**0.41**	NA	NA	NA	<0.05	<0.05	<0.05	<0.05	NA
S1006-1	10/6/1987	comp	**0.46**	NA	NA	NA	NA	NA	NA	NA	NA
S1006-2	10/6/1987	comp	**0.23**	NA	NA	NA	NA	NA	NA	NA	NA
S-0308-SP	3/9/1990	comp	NA	**38**	NA	NA	**0.21**	**1.7**	**0.41**	**2.7**	NA
SP(1-4)	10/26/1998	comp	NA	NA	<1	<1	<0.005	<0.005	<0.005	**0.04**	<0.025

Notes:

TVH=	total volatile hydrocarbons by EPA Method 8020
TPHg=	total petroleum hydrocarbons as gasoline by EPA Method 8020
TPHd=	total petroleum hydrocarbons as diesel by EPA Method 8015M
TPPH =	total purgeable petroleum hydrocarbons by EPA Method 8260B
BTEX =	benzene, toluene, ethyl-benzene, total xylenes by EPA Method 8260B
MTBE =	methyl tertiary butyl ether by EPA Method 8260B
mg/kg =	milligrams per kilogram
< =	Below the laboratory's indicated reporting limit
NA =	not analyzed
Bold =	Above the laboratory's indicated reporting limit
EPA =	US Environmental Protection Agency

Attachment A

TRCs Semi-Annual Monitoring Report

April through September 2008

TRC

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: September 24, 2008

TO: ConocoPhillips Company
76 Broadway Avenue
Sacramento, CA 95818

ATTN: MR. TED MOISE

SITE: 76 STATION 5367
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2008

Dear Mr. Moise:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5367, located at 500 Bancroft Avenue, San Leandro, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. Dennis Dettloff, Delta Environmental Inc. (1 copy)

Enclosures
20-0400/5367R12.QMS

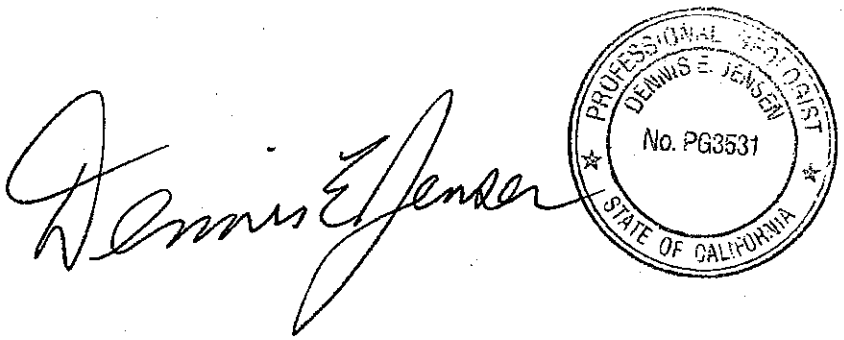
SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2008

76 STATION 5367
500 Bancroft Avenue
San Leandro, California

Prepared For:

Mr. Ted Moise
CONOCOPHILLIPS COMPANY
76 Broadway Avenue
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 9/22/08

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 09/02/08 Groundwater Sampling Field Notes – 09/02/08
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
July 2008 through December 2008
76 Station 5367
500 Bancroft Avenue
San Leandro, CA

Project Coordinator: **Ted Moise**
Telephone: **510-245-5162**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **09/02/08**

Sample Points

Groundwater wells: **5** onsite, **5** offsite
Points gauged: **10** Points sampled: **10**
Purging method: **Bailer/submersible pump**
Purge water disposal: **Veolia/Rodeo Unit 100**
Other Sample Points: **0** Type: --

Liquid Phase Hydrocarbons (LPH)

Sample Points with LPH: **0** Maximum thickness (feet): --
LPH removal frequency: -- Method: --
Treatment or disposal of water/LPH: --

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **30.47 feet** Maximum: **33.07 feet**
Average groundwater elevation (relative to available local datum): **26.08 feet**
Average change in groundwater elevation since previous event: **-2.80 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.0015 ft/ft, west**
Previous event: **0.002 ft/ft, northwest (01/14/08)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **1** Sample Points above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **7.7 µg/l (MW-1)**

Sample Points with **TPH-G by GC/MS** **3** Maximum: **8,300 µg/l (MW-1)**
Sample Points with **MTBE 8260B** **0**

Notes:

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5367 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: 76 Station 5367

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change In Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)

Table 2a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TDS	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 2, 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1			**(Screen Interval in feet: 10.0-35.0)**											
09/02/08	57.83	31.88	0.00	25.95	-2.69	--	8300	7.7	ND<5.0	850	56	--	ND<5.0	
MW-2			**(Screen Interval in feet: 28.0-48.0)**											
09/02/08	58.13	31.72	0.00	26.41	-2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3			**(Screen Interval in feet: 23.0-48.0)**											
09/02/08	57.92	31.38	0.00	26.54	-2.74	--	80	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-4			**(Screen Interval in feet: 23.0-48.0)**											
09/02/08	58.29	32.07	0.00	26.22	-2.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5			**(Screen Interval in feet: 25.0-45.0)**											
09/02/08	58.50	32.35	0.00	26.15	-2.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-6			**(Screen Interval in feet: 25.0-45-0)**											
09/02/08	56.96	31.10	0.00	25.86	-2.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-7			**(Screen Interval in feet: 24.0-44.0)**											
09/02/08	57.25	31.40	0.00	25.85	-2.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8			**(Screen Interval in feet: 24.0-44.0)**											
09/02/08	57.71	31.72	0.00	25.99	-2.87	--	85	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9			**(Screen Interval in feet: 20.0-45.0)**											
09/02/08	56.47	30.47	0.00	26.00	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10			**(Screen Interval in feet: 20.0-45.0)**											
09/02/08	58.94	33.07	0.00	25.87	-2.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1			(Screen Interval in feet: 10.0-35.0)											
09/23/87	57.83	33.40	0.00	24.43	--	--	--	--	--	--	--	--	--	
09/24/87	57.83	33.24	0.01	24.60	0.17	--	--	--	--	--	--	--	--	
10/06/87	57.83	33.39	0.01	24.45	-0.15	--	--	--	--	--	--	--	--	
11/05/87	57.83	34.14	0.31	23.92	-0.52	--	--	--	--	--	--	--	--	
11/13/87	57.83	34.15	0.38	23.97	0.04	--	--	--	--	--	--	--	--	
11/19/87	57.83	33.89	0.06	23.99	0.02	--	--	--	--	--	--	--	--	
04/27/88	57.83	32.40	0.01	25.44	1.45	--	--	--	--	--	--	--	--	
09/07/88	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
10/03/88	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
01/27/89	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
02/16/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
07/19/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
08/24/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/30/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
02/06/91	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
05/06/91	57.83	33.00	0.00	24.83	--	--	--	--	--	--	--	--	--	
09/27/91	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/31/92	57.83	31.00	0.00	26.83	--	330000	--	8200	33000	6800	36000	--	--	
06/18/92	57.83	32.76	0.00	25.07	-1.76	680000	--	9000	40000	7600	44000	--	--	
10/16/92	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/18/92	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/03/93	57.83	26.03	0.00	31.80	--	330000	--	3800	21000	4200	24000	--	--	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
06/25/93	57.83	28.36	0.00	29.47	-2.33	160000	--	4300	36000	5800	34000	--	--	
09/03/93	57.83	30.80	0.00	27.03	-2.44	160000	--	3900	41000	6800	38000	--	--	
12/13/93	57.83	32.73	0.00	25.10	-1.93	140000	--	3600	37000	7100	40000	--	--	
03/18/94	57.83	30.10	0.00	27.73	2.63	99000	--	3800	37000	6800	36000	--	--	
06/23/94	57.83	31.32	0.00	26.51	-1.22	150000	--	2500	33000	6400	37000	--	--	
09/21/94	57.83	33.21	0.00	24.62	-1.89	110000	--	2500	23000	4500	25000	--	--	
12/19/94	57.83	30.97	0.00	26.86	2.24	200000	--	2400	28000	6600	37000	--	--	
03/27/95	57.83	22.77	0.00	35.06	8.20	88000	--	1500	20000	4200	25000	--	--	
06/26/95	57.83	25.69	0.00	32.14	-2.92	130000	--	1000	23000	5600	33000	--	--	
07/28/95	57.83	26.97	0.00	30.86	-1.28	--	--	--	--	--	--	--	--	
09/28/95	57.83	29.55	0.00	28.28	-2.58	100000	--	810	21000	6500	37000	--	--	
10/24/95	57.83	29.99	0.00	27.84	-0.44	--	--	--	--	--	--	--	--	
12/29/95	57.83	30.40	0.00	27.43	-0.41	110000	--	990	22000	8300	47000	--	--	
03/27/96	57.83	22.29	0.00	35.54	8.11	120000	--	920	17000	7100	41000	180	180	
09/21/96	57.83	29.44	0.00	28.39	-7.15	110000	--	270	3500	5900	16000	260	260	
03/31/97	57.83	24.18	0.00	33.65	5.26	82000	--	240	8700	3800	23000	ND	--	
09/27/97	57.83	31.86	0.00	25.97	-7.68	81000	--	ND	1000	5900	31000	ND	--	
03/20/98	57.83	16.88	0.00	40.95	14.98	52000	--	ND	350	2900	14000	ND	--	
09/09/98	57.83	26.21	0.00	31.62	-9.33	59000	--	51	64	6000	4800	ND	--	
03/11/99	57.83	23.60	0.00	34.23	2.61	60000	--	130	ND	2900	12000	ND	--	
09/08/99	57.83	28.70	0.00	29.13	-5.10	74000	--	ND	ND	2600	10000	ND	--	
03/24/00	57.83	21.61	0.00	36.22	7.09	37000	--	ND	ND	1980	6880	ND	--	
09/15/00	57.83	28.19	0.00	29.64	-6.58	45800	--	ND	ND	3150	10500	ND	--	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
03/16/01	57.83	25.59	0.00	32.24	2.60	37500	--	76.2	16.6	2010	7330	ND	--	
08/31/01	57.83	29.03	0.00	28.80	-3.44	62000	--	79	ND<50	3000	13000	ND<250	--	
03/15/02	57.83	25.58	0.00	32.25	3.45	26000	--	43	22	2400	10000	ND<100	--	
09/26/02	57.83	29.51	0.00	28.32	-3.93	--	56000	31	ND<25	2500	11000	--	ND<100	
03/16/03	57.83	26.71	0.00	31.12	2.80	--	43000	ND<250	ND<250	2200	6800	--	ND<1000	
09/03/03	57.83	29.54	0.00	28.29	-2.83	--	55000	ND<50	ND<50	2200	4200	--	ND<200	
03/11/04	57.83	25.57	0.00	32.26	3.97	--	23000	10	ND<5.0	1100	2100	--	ND<20	
09/24/04	57.83	31.20	0.00	26.63	-5.63	--	29000	15	ND<10	1900	1100	--	ND<10	
03/29/05	57.83	23.38	0.00	34.45	7.82	--	26000	15	ND<10	990	260	--	ND<10	
09/12/05	57.83	28.13	0.00	29.70	-4.75	--	15000	13	1.3	1100	110	--	0.93	
03/27/06	57.83	21.38	0.00	36.45	6.75	--	11000	7.6	1.0	590	90	--	ND<0.50	
09/08/06	57.83	26.73	0.00	31.10	-5.35	--	9000	4.7	4.0	460	82	--	ND<0.50	
01/29/07	57.83	28.63	0.00	29.20	-1.90	--	10000	9.2	ND<5.0	990	310	--	ND<5.0	
07/02/07	57.83	29.53	0.00	28.30	-0.90	--	8800	10	ND<6.2	910	170	--	ND<6.2	
01/14/08	57.83	29.19	0.00	28.64	0.34	--	8400	12	ND<6.2	960	88	--	ND<6.2	
09/02/08	57.83	31.88	0.00	25.95	-2.69	--	8300	7.7	ND<5.0	850	56	--	ND<5.0	
MW-2			**(Screen Interval in feet: 28.0-48.0)**											
10/03/88	58.13	36.04	0.00	22.09	--	1760	--	47.8	7.4	20.9	81.6	--	--	
01/27/89	58.13	34.77	0.00	23.36	1.27	510	--	58	8.7	22.6	20.3	--	--	
02/16/90	58.13	34.50	0.00	23.63	0.27	840	--	50	0.5	28	44	--	--	
05/01/90	58.13	--	--	--	--	1000	--	39	ND	32	52	--	--	
07/19/90	58.13	35.72	0.00	22.41	--	--	--	--	--	--	--	--	--	
08/24/90	58.13	36.30	0.00	21.83	-0.58	330	--	17	ND	19	20	--	--	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
11/30/90	58.13	37.40	0.00	20.73	-1.10	400	--	41	ND	39	37	--	--	
02/07/91	58.13	37.27	0.00	20.86	0.13	510	--	40	ND	29	44	--	--	
05/06/91	58.13	33.31	0.00	24.82	3.96	2300	--	150	10	52	110	--	--	
09/27/91	58.13	36.86	0.00	21.27	-3.55	110	--	2.6	ND	5.6	5.1	--	--	
12/27/91	58.13	37.66	0.00	20.47	-0.80	170	--	3.9	ND	7.3	60	--	--	
03/31/92	58.13	37.66	0.00	20.47	0.00	--	--	--	--	--	--	--	--	
06/18/92	58.13	31.27	0.00	26.86	6.39	1200	--	35	1.6	56	26	--	--	
09/30/92	58.13	--	--	--	--	820	--	21	ND	42	25	--	--	
10/16/92	58.13	35.87	0.00	22.26	--	--	--	--	--	--	--	--	--	
11/18/92	58.13	36.24	0.00	21.89	-0.37	65	--	1.2	ND	2.8	1.4	--	--	
03/03/93	58.13	26.30	0.00	31.83	9.94	4200	--	62	2.9	97	120	--	--	
06/25/93	58.13	28.40	0.00	29.73	-2.10	4000	--	110	ND	320	280	--	--	
09/03/93	58.13	31.10	0.00	27.03	-2.70	1400	--	31	4.3	99	53	--	--	
12/13/93	58.13	33.03	0.00	25.10	-1.93	260	--	7.7	0.83	17	23	--	--	
03/18/94	58.13	30.34	0.00	27.79	2.69	250	--	6.4	0.64	28	24	--	--	
06/23/94	58.13	31.63	0.00	26.50	-1.29	420	--	3.9	0.66	23	11	--	--	
09/21/94	58.13	33.52	0.00	24.61	-1.89	ND	--	ND	ND	ND	ND	--	--	
12/19/94	58.13	31.26	0.00	26.87	2.26	190	--	1.9	ND	15	6.8	--	--	
03/27/95	58.13	23.02	0.00	35.11	8.24	ND	--	ND	0.55	1.2	2.5	--	--	
06/26/95	58.13	25.98	0.00	32.15	-2.96	ND	--	ND	0.93	0.88	3.4	--	--	
07/28/95	58.13	27.26	0.00	30.87	-1.28	--	--	--	--	--	--	--	--	
09/28/95	58.13	29.77	0.00	28.36	-2.51	730	--	2.9	--	41	29	--	--	
10/24/95	58.13	30.56	0.00	27.57	-0.79	--	--	--	--	--	--	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
12/29/95	58.13	30.25	0.00	27.88	0.31	860	--	4.3	1	27	50	--	--	
03/27/96	58.13	22.30	0.00	35.83	7.95	--	--	--	--	--	--	--	--	Connected to system
09/21/96	58.13	29.47	0.00	28.66	-7.17	--	--	--	--	--	--	--	--	Connected to system
03/31/97	58.13	24.20	0.00	33.93	5.27	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.13	31.07	0.00	27.06	-6.87	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.13	16.73	0.00	41.40	14.34	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.13	26.03	0.00	32.10	-9.30	ND	--	ND	0.54	ND	0.57	ND	--	
03/11/99	58.13	23.46	0.00	34.67	2.57	ND	--	ND	0.59	ND	1.1	ND	--	
09/08/99	58.13	28.53	0.00	29.60	-5.07	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	58.13	21.45	0.00	36.68	7.08	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.13	28.02	0.00	30.11	-6.57	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	58.13	25.41	0.00	32.72	2.61	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.13	28.74	0.00	29.39	-3.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.13	25.45	0.00	32.68	3.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.13	29.36	0.00	28.77	-3.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.13	26.58	0.00	31.55	2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.13	29.34	0.00	28.79	-2.76	--	ND<50	ND<0.50	0.71	ND<0.50	ND<1	--	ND<2	
03/11/04	58.13	25.41	0.00	32.72	3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.13	31.05	0.00	27.08	-5.64	--	66	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.13	23.25	0.00	34.88	7.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	58.13	27.98	0.00	30.15	-4.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	58.13	21.22	0.00	36.91	6.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	58.13	26.56	0.00	31.57	-5.34	--	56	ND<0.50	ND<0.50	0.71	ND<0.50	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
01/29/07	58.13	28.46	0.00	29.67	-1.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	58.13	29.37	0.00	28.76	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	58.13	28.95	0.00	29.18	0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	58.13	31.72	0.00	26.41	-2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3			**(Screen Interval in feet: 23.0-48.0)**											
10/03/88	57.92	35.86	0.00	22.06	--	61000	--	1060	3380	1520	8720	--	--	
01/27/89	57.92	34.60	0.00	23.32	1.26	39000	--	1570	2830	1250	7070	--	--	
02/16/90	57.92	35.23	0.00	22.69	-0.63	22000	--	710	4100	6900	33000	--	--	
05/01/90	57.92	--	--	--	--	19000	--	330	170	310	1500	--	--	
07/19/90	57.92	35.50	0.00	22.42	--	--	--	--	--	--	--	--	--	
08/24/90	57.92	36.08	0.00	21.84	-0.58	19000	--	480	160	510	1500	--	--	
11/30/90	57.92	37.17	0.00	20.75	-1.09	13000	--	390	81	410	1000	--	--	
02/06/91	57.92	37.07	0.00	20.85	0.10	13000	--	310	150	380	1200	--	--	
05/06/91	57.92	33.11	0.00	24.81	3.96	39000	--	1000	570	930	3900	--	--	
09/27/91	57.92	36.64	0.00	21.28	-3.53	4000	--	160	84	180	560	--	--	
12/27/91	57.92	37.46	0.00	20.46	-0.82	31000	--	240	280	400	1600	--	--	
03/31/92	57.92	31.10	0.00	26.82	6.36	100000	--	1900	1900	2300	9400	--	--	
06/18/92	57.92	32.83	0.00	25.09	-1.73	180000	--	2200	1700	2300	1100	--	--	
09/30/92	57.92	--	--	--	--	36000	--	730	200	1000	4400	--	--	
10/16/92	57.92	35.66	0.00	22.26	--	--	--	--	--	--	--	--	--	
11/18/92	57.92	36.04	0.00	21.88	-0.38	24000	--	430	160	640	2800	--	--	
03/03/93	57.92	26.11	0.00	31.81	9.93	96000	--	1400	1900	1400	8400	--	--	
06/25/93	57.92	28.43	0.00	29.49	-2.32	27000	--	1200	980	1700	6900	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
09/03/93	57.92	30.88	0.00	27.04	-2.45	82000	--	2400	3400	4200	21000	--	--	
12/13/93	57.92	32.82	0.00	25.10	-1.94	49000	--	1300	360	2300	9200	--	--	
03/18/94	57.92	30.17	0.00	27.75	2.65	22000	--	1200	430	2200	9700	--	--	
06/23/94	57.92	31.42	0.00	26.50	-1.25	37000	--	1300	670	3100	14000	--	--	
09/21/94	57.92	33.30	0.00	24.62	-1.88	24000	--	890	110	2200	8800	--	--	
12/19/94	57.92	31.07	0.00	26.85	2.23	100000	--	1200	2900	4200	23000	--	--	
03/27/95	57.92	22.78	0.00	35.14	8.29	33000	--	410	66	1600	6500	--	--	
06/26/95	57.92	25.78	0.00	32.14	-3.00	14000	--	300	ND	1300	3900	--	--	
07/28/95	57.92	27.06	0.00	30.86	-1.28	--	--	--	--	--	--	--	--	
09/28/95	57.92	29.57	0.00	28.35	-2.51	17000	--	730	30	4000	8800	--	--	
10/24/95	57.92	30.34	0.00	27.58	-0.77	--	--	--	--	--	--	--	--	
12/29/95	57.92	29.91	0.00	28.01	0.43	55000	--	700	ND	4900	16000	--	--	
03/27/96	57.92	21.99	0.00	35.93	7.92	--	--	--	--	--	--	--	--	Connected to system
09/21/96	57.92	29.15	0.00	28.77	-7.16	34000	--	140	ND	2200	6600	1800	--	
03/31/97	57.92	23.86	0.00	34.06	5.29	17000	--	58	110	530	1500	ND	--	
09/27/97	57.92	30.76	0.00	27.16	-6.90	11000	--	19	ND	850	420	140	--	
03/20/98	57.92	16.39	0.00	41.53	14.37	ND	--	ND	ND	ND	ND	74	--	
09/09/98	57.92	25.70	0.00	32.22	-9.31	ND	--	ND	ND	ND	ND	ND	--	
03/11/99	57.92	23.12	0.00	34.80	2.58	7300	--	ND	ND	320	210	ND	--	
09/08/99	57.92	28.21	0.00	29.71	-5.09	7900	--	ND	ND	ND	160	ND	--	
03/24/00	57.92	21.12	0.00	36.80	7.09	3310	--	5.4	ND	101	43.3	ND	--	
09/15/00	57.92	27.68	0.00	30.24	-6.56	1540	--	ND	ND	56.4	ND	ND	12.6	
03/16/01	57.92	25.09	0.00	32.83	2.59	678	--	3.14	1	16.4	14.6	42.9	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
08/31/01	57.92	28.53	0.00	29.39	-3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	57.92	25.05	0.00	32.87	3.48	1500	--	ND<2.50	ND<2.50	43	ND<2.50	ND<12	--	
09/26/02	57.92	28.98	0.00	28.94	-3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	57.92	26.19	0.00	31.73	2.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	57.92	29.04	0.00	28.88	-2.85	--	1300	ND<0.50	0.53	19	ND<1	--	5.9	
03/11/04	57.92	25.03	0.00	32.89	4.01	--	130	ND<0.50	ND<0.50	1.1	ND<1.0	--	ND<2.0	
09/24/04	57.92	30.70	0.00	27.22	-5.67	--	640	ND<0.50	ND<0.50	6.5	ND<1.0	--	1.1	
03/29/05	57.92	22.80	0.00	35.12	7.90	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.92	27.63	0.00	30.29	-4.83	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
03/27/06	57.92	20.83	0.00	37.09	6.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	57.92	26.21	0.00	31.71	-5.38	--	65	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	57.92	28.14	0.00	29.78	-1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	57.92	29.03	0.00	28.89	-0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	57.92	28.64	0.00	29.28	0.39	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.92	31.38	0.00	26.54	-2.74	--	80	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-4			**(Screen Interval in feet: 23.0-48.0)**											
10/03/88	58.29	36.12	0.00	22.17	--	ND	--	ND	ND	ND	ND	--	--	
01/27/89	58.29	34.87	0.00	23.42	1.25	ND	--	ND	ND	ND	ND	--	--	
02/16/90	58.29	35.60	0.00	22.69	-0.73	ND	--	ND	ND	ND	ND	--	--	
05/01/90	58.29	--	--	--	--	ND	--	ND	ND	0.68	1.4	--	--	
07/19/90	58.29	35.78	0.00	22.51	--	--	--	--	--	--	--	--	--	
08/24/90	58.29	36.35	0.00	21.94	-0.57	ND	--	ND	ND	ND	ND	--	--	
11/30/90	58.29	37.46	0.00	20.83	-1.11	ND	--	ND	ND	ND	1.2	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
02/06/91	58.29	37.40	0.00	20.89	0.06	ND	--	ND	ND	ND	ND	--	--	
05/06/91	58.29	33.39	0.00	24.90	4.01	--	--	--	--	--	--	--	--	
09/27/91	58.29	36.90	0.00	21.39	-3.51	ND	--	ND	ND	ND	ND	--	--	
12/27/91	58.29	37.76	0.00	20.53	-0.86	ND	--	ND	ND	ND	ND	--	--	
03/31/92	58.29	31.41	0.00	26.88	6.35	ND	--	ND	ND	ND	ND	--	--	
06/18/92	58.29	33.09	0.00	25.20	-1.68	ND	--	ND	ND	ND	ND	--	--	
10/16/92	58.29	35.92	0.00	22.37	-2.83	ND	--	ND	ND	ND	ND	--	--	
11/18/92	58.29	36.33	0.00	21.96	-0.41	--	--	--	--	--	--	--	--	
03/03/93	58.29	26.43	0.00	31.86	9.90	68	--	0.9	0.6	ND	1.9	--	--	
06/25/93	58.29	28.60	0.00	29.69	-2.17	--	--	--	--	--	--	--	--	
09/03/93	58.29	31.05	0.00	27.24	-2.45	86	--	14	13	1.4	7.1	--	--	
12/13/93	58.29	33.09	0.00	25.20	-2.04	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	58.29	30.42	0.00	27.87	2.67	ND	--	ND	ND	ND	ND	--	--	
06/23/94	58.29	31.95	0.00	26.34	-1.53	--	--	--	--	--	--	--	--	
09/21/94	58.29	33.86	0.00	24.43	-1.91	ND	--	ND	0.78	ND	0.81	--	--	
12/19/94	58.29	31.72	0.00	26.57	2.14	--	--	--	--	--	--	--	--	
03/27/95	58.29	23.44	0.00	34.85	8.28	ND	--	ND	0.79	0.51	3.1	--	--	
06/26/95	58.29	26.26	0.00	32.03	-2.82	--	--	--	--	--	--	--	--	
07/28/95	58.29	27.53	0.00	30.76	-1.27	--	--	--	--	--	--	--	--	
09/28/95	58.29	30.05	0.00	28.24	-2.52	ND	--	ND	ND	ND	ND	--	--	
10/24/95	58.29	30.79	0.00	27.50	-0.74	--	--	--	--	--	--	--	--	
12/29/95	58.29	30.96	0.00	27.33	-0.17	--	--	--	--	--	--	--	--	
03/27/96	58.29	22.71	0.00	35.58	8.25	ND	--	ND	0.7	ND	0.79	ND	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
09/21/96	58.29	29.88	0.00	28.41	-7.17	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.29	24.72	0.00	33.57	5.16	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.29	31.68	0.00	26.61	-6.96	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.29	17.27	0.00	41.02	14.41	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.29	26.58	0.00	31.71	-9.31	ND	--	ND	ND	ND	0.65	3	--	
03/11/99	58.29	24.12	0.00	34.17	2.46	ND	--	ND	0.7	ND	1.2	ND	--	
09/08/99	58.29	29.18	0.00	29.11	-5.06	ND	--	ND	ND	ND	0.78	ND	--	
03/24/00	58.29	22.08	0.00	36.21	7.10	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.29	28.63	0.00	29.66	-6.55	ND	--	ND	1.36	ND	1.46	ND	--	
03/16/01	58.29	26.14	0.00	32.15	2.49	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.29	29.27	0.00	29.02	-3.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.29	26.07	0.00	32.22	3.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.29	29.95	0.00	28.34	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.29	27.20	0.00	31.09	2.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.29	29.99	0.00	28.30	-2.79	--	ND<50	ND<0.50	0.58	ND<0.50	ND<1	--	ND<2	
03/11/04	58.29	26.07	0.00	32.22	3.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.29	31.71	0.00	26.58	-5.64	--	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.29	23.93	0.00	34.36	7.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	58.29	28.21	0.00	30.08	-4.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	58.29	21.49	0.00	36.80	6.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	58.29	26.81	0.00	31.48	-5.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	58.29	28.79	0.00	29.50	-1.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	58.29	29.67	0.00	28.62	-0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2008
76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
01/14/08	58.29	29.43	0.00	28.86	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	58.29	32.07	0.00	26.22	-2.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5			**(Screen Interval in feet: 25.0-45.0)**											
02/16/90	58.50	35.89	0.00	22.61	--	67	--	0.51	1.6	2.9	7.5	--	--	
05/01/90	58.50	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/19/90	58.50	36.10	0.00	22.40	--	--	--	--	--	--	--	--	--	
08/24/90	58.50	36.67	0.00	21.83	-0.57	ND	--	ND	ND	ND	ND	--	--	
11/30/90	58.50	37.74	0.00	20.76	-1.07	ND	--	ND	0.7	ND	ND	--	--	
02/06/91	58.50	37.62	0.00	20.88	0.12	ND	--	ND	ND	ND	ND	--	--	
05/06/91	58.50	33.67	0.00	24.83	3.95	--	--	--	--	--	--	--	--	
09/27/91	58.50	37.23	0.00	21.27	-3.56	ND	--	ND	ND	ND	ND	--	--	
12/27/91	58.50	38.02	0.00	20.48	-0.79	ND	--	ND	ND	ND	ND	--	--	
03/31/92	58.50	31.62	0.00	26.88	6.40	ND	--	ND	ND	ND	1.1	--	--	
06/18/92	58.50	33.46	0.00	25.04	-1.84	--	--	--	--	--	--	--	--	
10/16/92	58.50	36.23	0.00	22.27	-2.77	ND	--	ND	ND	ND	ND	--	--	
11/18/92	58.50	36.62	0.00	21.88	-0.39	--	--	--	--	--	--	--	--	
03/03/93	58.50	26.62	0.00	31.88	10.00	ND	--	ND	ND	ND	ND	--	--	
06/25/93	58.50	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/93	58.50	31.45	0.00	27.05	--	ND	--	ND	1.5	ND	7.9	--	--	
12/13/93	58.50	33.39	0.00	25.11	-1.94	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	58.50	30.67	0.00	27.83	2.72	ND	--	ND	ND	ND	ND	--	--	
06/23/94	58.50	32.00	0.00	26.50	-1.33	--	--	--	--	--	--	--	--	
09/21/94	58.50	33.90	0.00	24.60	-1.90	ND	--	ND	0.98	ND	1.6	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
12/19/94	58.50	31.63	0.00	26.87	2.27	--	--	--	--	--	--	--	--	
03/27/95	58.50	23.44	0.00	35.06	8.19	ND	--	ND	0.66	ND	2.9	--	--	
06/26/95	58.50	26.35	0.00	32.15	-2.91	--	--	--	--	--	--	--	--	
07/28/95	58.50	27.63	0.00	30.87	-1.28	--	--	--	--	--	--	--	--	
09/28/95	58.50	30.15	0.00	28.35	-2.52	ND	--	ND	ND	ND	ND	--	--	
10/24/95	58.50	30.98	0.00	27.52	-0.83	--	--	--	--	--	--	--	--	
12/29/95	58.50	30.87	0.00	27.63	0.11	--	--	--	--	--	--	--	--	
03/27/96	58.50	22.75	0.00	35.75	8.12	ND	--	ND	1.7	ND	2.4	ND	--	
09/21/96	58.50	29.95	0.00	28.55	-7.20	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.50	24.80	0.00	33.70	5.15	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.50	31.65	0.00	26.85	-6.85	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.50	17.31	0.00	41.19	14.34	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.50	26.63	0.00	31.87	-9.32	ND	--	ND	ND	ND	ND	ND	--	
03/11/99	58.50	24.08	0.00	34.42	2.55	ND	--	ND	0.96	ND	1.7	ND	--	
09/08/99	58.50	29.16	0.00	29.34	-5.08	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	58.50	22.06	0.00	36.44	7.10	ND	--	ND	ND	ND	0.957	ND	--	
09/15/00	58.50	28.64	0.00	29.86	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	58.50	26.05	0.00	32.45	2.59	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.50	29.32	0.00	29.18	-3.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.50	26.08	0.00	32.42	3.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.50	29.96	0.00	28.54	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.50	27.24	0.00	31.26	2.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.50	30.04	0.00	28.46	-2.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
03/11/04	58.50	26.05	0.00	32.45	3.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.50	31.66	0.00	26.84	-5.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.50	23.94	0.00	34.56	7.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	ND<0.50	
09/12/05	58.50	28.59	0.00	29.91	-4.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	58.50	21.59	0.00	36.91	7.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	58.50	27.15	0.00	31.35	-5.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	58.50	29.08	0.00	29.42	-1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	58.50	29.98	0.00	28.52	-0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	58.50	29.55	0.00	28.95	0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	58.50	32.35	0.00	26.15	-2.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-6			**(Screen Interval in feet: 25.0-45-0)**											
02/16/90	56.96	34.50	0.00	22.46	--	ND	--	ND	ND	ND	ND	--	--	
05/01/90	56.96	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/19/90	56.96	34.74	0.00	22.22	--	ND	--	ND	ND	ND	ND	--	--	
08/24/90	56.96	35.32	0.00	21.64	-0.58	ND	--	ND	ND	ND	ND	--	--	
11/30/90	56.96	36.38	0.00	20.58	-1.06	ND	--	ND	ND	ND	ND	--	--	
02/06/91	56.96	36.27	0.00	20.69	0.11	ND	--	ND	ND	ND	ND	--	--	
05/06/91	56.96	32.41	0.00	24.55	3.86	--	--	--	--	--	--	--	--	
09/27/91	56.96	35.87	0.00	21.09	-3.46	ND	--	ND	ND	ND	ND	--	--	
12/27/91	56.96	36.67	0.00	20.29	-0.80	ND	--	ND	ND	ND	ND	--	--	
03/31/92	56.96	30.32	0.00	26.64	6.35	ND	--	ND	1.3	ND	2	--	--	
06/18/92	56.96	32.18	0.00	24.78	-1.86	ND	--	ND	ND	ND	ND	--	--	
10/16/92	56.96	34.92	0.00	22.04	-2.74	ND	--	ND	ND	ND	ND	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
11/18/92	56.96	35.28	0.00	21.68	-0.36	--	--	--	--	--	--	--	--	
03/03/93	56.96	25.43	0.00	31.53	9.85	ND	--	ND	ND	ND	ND	--	--	
06/25/93	56.96	27.86	0.00	29.10	-2.43	--	--	--	--	--	--	--	--	
09/03/93	56.96	30.25	0.00	26.71	-2.39	ND	--	ND	ND	ND	ND	--	--	
12/13/93	56.96	32.14	0.00	24.82	-1.89	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	56.96	29.46	0.00	27.50	2.68	ND	--	ND	0.93	ND	1.4	--	--	
06/23/94	56.96	30.76	0.00	26.20	-1.30	--	--	--	--	--	--	--	--	
09/21/94	56.96	32.62	0.00	24.34	-1.86	ND	--	ND	ND	ND	ND	--	--	
12/19/94	56.96	30.32	0.00	26.64	2.30	--	--	--	--	--	--	--	--	
03/27/95	56.96	22.10	0.00	34.86	8.22	56	--	ND	0.65	ND	3.3	--	--	
06/26/95	56.96	25.20	0.00	31.76	-3.10	--	--	--	--	--	--	--	--	
07/28/95	56.96	26.48	0.00	30.48	-1.28	--	--	--	--	--	--	--	--	
09/28/95	56.96	28.92	0.00	28.04	-2.44	ND	--	ND	ND	ND	ND	--	--	
10/24/95	56.96	29.73	0.00	27.23	-0.81	--	--	--	--	--	--	--	--	
12/29/95	56.96	29.62	0.00	27.34	0.11	--	--	--	--	--	--	--	--	
03/27/96	56.96	21.59	0.00	35.37	8.03	50	--	ND	0.92	ND	0.96	ND	--	
09/21/96	56.96	28.72	0.00	28.24	-7.13	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	56.96	23.72	0.00	33.24	5.00	73	--	0.67	0.82	ND	ND	ND	--	
09/27/97	56.96	30.52	0.00	26.44	-6.80	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	56.96	16.35	0.00	40.61	14.17	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	56.96	25.53	0.00	31.43	-9.18	ND	--	ND	0.64	ND	0.65	3.3	--	
03/11/99	56.96	22.85	0.00	34.11	2.68	ND	--	ND	0.71	ND	1.4	ND	--	
09/08/99	56.96	28.01	0.00	28.95	-5.16	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
03/24/00	56.96	20.93	0.00	36.03	7.08	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	56.96	27.51	0.00	29.45	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	56.96	24.87	0.00	32.09	2.64	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	56.96	28.20	0.00	28.76	-3.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	56.96	24.82	0.00	32.14	3.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	56.96	28.72	0.00	28.24	-3.90	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	56.96	26.00	0.00	30.96	2.72	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	56.96	28.78	0.00	28.18	-2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/11/04	56.96	24.78	0.00	32.18	4.00	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	56.96	30.42	0.00	26.54	-5.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	56.96	25.66	0.00	31.30	4.76	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	56.96	27.41	0.00	29.55	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	56.96	21.42	0.00	35.54	5.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	56.96	26.02	0.00	30.94	-4.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	56.96	27.91	0.00	29.05	-1.89	--	87	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	56.96	28.78	0.00	28.18	-0.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	56.96	28.26	0.00	28.70	0.52	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	56.96	31.10	0.00	25.86	-2.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-7			**(Screen Interval in feet: 24.0-44.0)**											
02/16/90	57.25	35.75	0.00	21.50	--	ND	--	ND	ND	ND	ND	--	--	
05/01/90	57.25	--	--	--	--	24	--	ND	ND	0.74	1.7	--	--	
07/19/90	57.25	35.03	0.00	22.22	--	--	--	--	--	--	--	--	--	
08/24/90	57.25	35.64	0.00	21.61	-0.61	ND	--	ND	ND	ND	ND	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
11/30/90	57.25	36.68	0.00	20.57	-1.04	ND	--	ND	ND	0.6	1.5	--	--	
02/06/91	57.25	36.55	0.00	20.70	0.13	ND	--	ND	ND	ND	ND	--	--	
05/06/91	57.25	32.69	0.00	24.56	3.86	ND	--	ND	ND	ND	ND	--	--	
09/27/91	57.25	36.18	0.00	21.07	-3.49	ND	--	ND	ND	ND	ND	--	--	
12/27/91	57.25	36.96	0.00	20.29	-0.78	ND	--	ND	ND	ND	ND	--	--	
03/31/92	57.25	30.56	0.00	26.69	6.40	ND	--	ND	ND	ND	0.9	--	--	
06/18/92	57.25	32.52	0.00	24.73	-1.96	--	--	--	--	--	--	--	--	
10/16/92	57.25	35.24	0.00	22.01	-2.72	ND	--	ND	ND	ND	ND	--	--	
11/18/92	57.25	35.59	0.00	21.66	-0.35	--	--	--	--	--	--	--	--	
03/03/93	57.25	25.66	0.00	31.59	9.93	ND	--	ND	ND	ND	ND	--	--	
06/25/93	57.25	28.25	0.00	29.00	-2.59	--	--	--	--	--	--	--	--	
09/03/93	57.25	30.60	0.00	26.65	-2.35	ND	--	ND	ND	ND	ND	--	--	
12/13/93	57.25	32.45	0.00	24.80	-1.85	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	57.25	29.76	0.00	27.49	2.69	ND	--	ND	ND	ND	ND	--	--	
06/23/94	57.25	31.10	0.00	26.15	-1.34	--	--	--	--	--	--	--	--	
09/21/94	57.25	32.96	0.00	24.29	-1.86	ND	--	0.5	ND	ND	0.89	--	--	
12/19/94	57.25	30.60	0.00	26.65	2.36	--	--	--	--	--	--	--	--	
03/27/95	57.25	22.43	0.00	34.82	8.17	ND	--	ND	0.54	ND	1.9	--	--	
06/26/95	57.25	25.55	0.00	31.70	-3.12	--	--	--	--	--	--	--	--	
07/28/95	57.25	26.84	0.00	30.41	-1.29	--	--	--	--	--	--	--	--	
09/28/95	57.25	29.29	0.00	27.96	-2.45	ND	--	ND	ND	ND	ND	--	--	
10/24/95	57.25	30.05	0.00	27.20	-0.76	--	--	--	--	--	--	--	--	
12/29/95	57.25	29.91	0.00	27.34	0.14	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
03/27/96	57.25	21.94	0.00	35.31	7.97	ND	--	ND	1.1	ND	1.7	ND	--	
09/21/96	57.25	29.07	0.00	28.18	-7.13	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	57.25	24.02	0.00	33.23	5.05	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	57.25	30.84	0.00	26.41	-6.82	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	57.25	16.68	0.00	40.57	14.16	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	57.25	25.89	0.00	31.36	-9.21	ND	--	ND	ND	ND	ND	4.1	--	
03/11/99	57.25	23.16	0.00	34.09	2.73	ND	--	ND	0.91	ND	1.6	5.7	--	
09/08/99	57.25	28.32	0.00	28.93	-5.16	ND	--	ND	ND	ND	ND	2.7	--	
03/24/00	57.25	21.23	0.00	36.02	7.09	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	57.25	27.83	0.00	29.42	-6.60	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	57.25	25.15	0.00	32.10	2.68	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	57.25	28.49	0.00	28.76	-3.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	57.25	24.96	0.00	32.29	3.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	57.25	29.09	0.00	28.16	-4.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	57.25	26.33	0.00	30.92	2.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	57.25	29.14	0.00	28.11	-2.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/11/04	57.25	25.09	0.00	32.16	4.05	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	57.25	30.73	0.00	26.52	-5.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	57.25	23.00	0.00	34.25	7.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.25	27.71	0.00	29.54	-4.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	57.25	21.28	0.00	35.97	6.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	57.25	26.35	0.00	30.90	-5.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	57.25	28.19	0.00	29.06	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
07/02/07	57.25	29.10	0.00	28.15	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	57.25	28.51	0.00	28.74	0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.25	31.40	0.00	25.85	-2.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8			**(Screen Interval in feet: 24.0-44.0)**											
02/16/90	57.71	35.10	0.00	22.61	--	1900	--	11	ND	52	55	--	--	
05/01/90	57.71	--	--	--	--	770	--	6.5	ND	20	32	--	--	
07/19/90	57.71	35.41	0.00	22.30	--	--	--	--	--	--	--	--	--	
08/24/90	57.71	36.00	0.00	21.71	-0.59	990	--	13	ND	48	66	--	--	
11/30/90	57.71	37.08	0.00	20.63	-1.08	570	--	13	ND	45	36	--	--	
02/06/91	57.71	36.92	0.00	20.79	0.16	630	--	9.6	ND	35	36	--	--	
05/06/91	57.71	33.03	0.00	24.68	3.89	14000	--	80	ND	250	550	--	--	
09/27/91	57.71	36.55	0.00	21.16	-3.52	720	--	13	4.3	26	26	--	--	
12/27/91	57.71	37.34	0.00	20.37	-0.79	1600	--	15	2.9	40	49	--	--	
03/31/92	57.71	31.93	0.00	25.78	5.41	15000	--	120	1	430	530	--	--	
06/18/92	57.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/16/92	57.71	35.58	0.00	22.13	--	300	--	0.96	ND	4	3.5	--	--	
11/18/92	57.71	35.94	0.00	21.77	-0.36	1100	--	6.1	ND	13	5.6	--	--	
03/03/93	57.71	26.00	0.00	31.71	9.94	13000	--	33	ND	160	290	--	--	
06/25/93	57.71	28.27	0.00	29.44	-2.27	8100	--	160	ND	580	740	--	--	
09/03/93	57.71	30.90	0.00	26.81	-2.63	9800	--	180	ND	580	700	--	--	
12/13/93	57.71	32.75	0.00	24.96	-1.85	6900	--	180	ND	240	550	--	--	
03/18/94	57.71	30.12	0.00	27.59	2.63	6100	--	85	ND	260	260	--	--	
06/23/94	57.71	31.40	0.00	26.31	-1.28	12000	--	210	ND	610	860	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
09/21/94	57.71	33.30	0.00	24.41	-1.90	6900	--	190	ND	460	510	--	--	
12/19/94	57.71	30.95	0.00	26.76	2.35	6200	--	91	ND	230	210	--	--	
03/27/95	57.71	22.78	0.00	34.93	8.17	9200	--	240	ND	200	1400	--	--	
06/26/95	57.71	24.83	0.00	32.88	-2.05	11000	--	320	ND	680	2000	--	--	
07/28/95	57.71	27.10	0.00	30.61	-2.27	--	--	--	--	--	--	--	--	
09/28/95	57.71	29.58	0.00	28.13	-2.48	10000	--	250	ND	760	910	--	--	
10/24/95	57.71	30.40	0.00	27.31	-0.82	--	--	--	--	--	--	--	--	
12/29/95	57.71	30.25	0.00	27.46	0.15	7500	--	260	ND	580	870	--	--	
03/27/96	57.71	22.20	0.00	35.51	8.05	970	--	29	0.77	82	85	ND	--	
09/21/96	57.71	29.34	0.00	28.37	-7.14	3800	--	27	ND	46	45	ND	--	
03/31/97	57.71	24.35	0.00	33.36	4.99	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	57.71	31.15	0.00	26.56	-6.80	78	--	0.9	ND	12	ND	ND	--	
03/20/98	57.71	16.84	0.00	40.87	14.31	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	57.71	26.14	0.00	31.57	-9.30	910	--	ND	49	12	2.2	1.5	--	
03/11/99	57.71	23.48	0.00	34.23	2.66	4700	--	9.6	ND	280	95	ND	--	
09/08/99	57.71	28.60	0.00	29.11	-5.12	1900	--	ND	ND	36	ND	ND	--	
03/24/00	57.71	21.49	0.00	36.22	7.11	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	57.71	28.09	0.00	29.62	-6.60	533	--	2.23	ND	6.27	0.684	ND	--	
03/16/01	57.71	25.43	0.00	32.28	2.66	1000	--	ND	ND	17.8	44.5	ND	--	
08/31/01	57.71	28.89	0.00	28.82	-3.46	6500	--	8.6	7.4	420	1900	ND<25	--	
03/15/02	57.71	25.45	0.00	32.26	3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	57.71	29.37	0.00	28.34	-3.92	--	290	ND<0.50	ND<0.50	0.65	ND<1.0	--	ND<2.0	
03/16/03	57.71	26.65	0.00	31.06	2.72	--	--	--	--	--	--	--	--	Inaccessible

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
09/03/03	57.71	29.46	0.00	28.25	-2.81	--	450	ND<0.50	0.69	ND<0.50	ND<1.0	--	ND<2.0	
03/11/04	57.71	25.42	0.00	32.29	4.04	--	950	ND<0.50	ND<0.50	15	1.4	--	ND<2.0	
09/24/04	57.71	31.08	0.00	26.63	-5.66	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	57.71	23.30	0.00	34.41	7.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.71	28.07	0.00	29.64	-4.77	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	57.71	21.28	0.00	36.43	6.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	57.71	26.61	0.00	31.10	-5.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	57.71	28.48	0.00	29.23	-1.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	57.71	29.39	0.00	28.32	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	57.71	28.85	0.00	28.86	0.54	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.71	31.72	0.00	25.99	-2.87	--	85	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9			**(Screen Interval in feet: 20.0-45.0)**											
12/19/94	56.47	29.71	0.00	26.76	--	ND	--	ND	1.6	1.5	8.4	--	--	
03/27/95	56.47	21.48	0.00	34.99	8.23	ND	--	ND	0.61	ND	2.8	--	--	
06/26/95	56.47	24.50	0.00	31.97	-3.02	ND	--	ND	ND	ND	3.9	--	--	
07/28/95	56.47	25.77	0.00	30.70	-1.27	--	--	--	--	--	--	--	--	
09/28/95	56.47	28.23	0.00	28.24	-2.46	ND	--	ND	ND	ND	ND	--	--	
10/24/95	56.47	29.21	0.00	27.26	-0.98	--	--	--	--	--	--	--	--	
12/29/95	56.47	29.02	0.00	27.45	0.19	ND	--	ND	0.58	ND	0.52	ND	--	
03/27/96	56.47	20.91	0.00	35.56	8.11	ND	--	ND	0.68	ND	0.51	ND	--	
09/21/96	56.47	28.05	0.00	28.42	-7.14	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	56.47	23.48	0.00	32.99	4.57	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	56.47	30.38	0.00	26.09	-6.90	ND	--	ND	ND	ND	ND	ND	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 continued														
03/20/98	56.47	15.60	0.00	40.87	14.78	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	56.47	24.85	0.00	31.62	-9.25	ND	--	0.69	ND	ND	0.61	ND	--	
03/11/99	56.47	22.23	0.00	34.24	2.62	ND	--	ND	ND	ND	0.76	ND	--	
09/08/99	56.47	27.34	0.00	29.13	-5.11	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	56.47	20.27	0.00	36.20	7.07	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	56.47	26.84	0.00	29.63	-6.57	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	56.47	24.24	0.00	32.23	2.60	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	56.47	27.43	0.00	29.04	-3.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/15/02	56.47	24.79	0.00	31.68	2.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/16/03	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/03	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/11/04	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
09/24/04	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/29/05	56.47	21.92	0.00	34.55	--	--	91	ND<0.50	ND<0.50	1.3	ND<1.0	--	ND<0.50	
09/12/05	56.47	26.73	0.00	29.74	-4.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	56.47	20.75	0.00	35.72	5.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	56.47	25.33	0.00	31.14	-4.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	56.47	27.27	0.00	29.20	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	56.47	28.13	0.00	28.34	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
09/02/08	56.47	30.47	0.00	26.00	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10			**(Screen Interval in feet: 20.0-45.0)**											

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10	**continued**													
07/28/95	58.94	25.53	0.00	33.41	--	ND	--	ND	ND	ND	ND	--	--	
09/28/95	58.94	--	--	--	--	--	--	--	--	--	--	--	--	
10/24/95	58.94	31.76	0.00	27.18	--	ND	--	ND	ND	ND	ND	--	--	
12/29/95	58.94	31.55	0.00	27.39	0.21	ND	--	ND	0.65	ND	1.1	--	--	
03/27/96	58.94	23.62	0.00	35.32	7.93	ND	--	ND	0.68	ND	0.69	ND	--	
09/21/96	58.94	30.77	0.00	28.17	-7.15	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.94	26.05	0.00	32.89	4.72	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.94	32.80	0.00	26.14	-6.75	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.94	18.13	0.00	40.81	14.67	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.94	27.54	0.00	31.40	-9.41	ND	--	ND	0.55	ND	ND	ND	--	
03/11/99	58.94	24.85	0.00	34.09	2.69	ND	--	ND	0.61	ND	0.87	ND	--	
09/08/99	58.94	29.97	0.00	28.97	-5.12	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	58.94	22.90	0.00	36.04	7.07	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.94	29.48	0.00	29.46	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	58.94	26.80	0.00	32.14	2.68	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.94	30.05	0.00	28.89	-3.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/15/02	58.94	26.61	0.00	32.33	3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	58.94	30.68	0.00	28.26	-4.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.94	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/03	58.94	38.87	0.00	20.07	--	--	ND<50	ND<0.50	1.8	ND<0.50	ND<1.0	--	ND<2	
03/11/04	58.94	26.80	0.00	32.14	12.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.94	32.42	0.00	26.52	-5.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.94	24.11	0.00	34.83	8.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2008

76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued														
09/12/05	58.94	29.43	0.00	29.51	-5.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	58.94	22.72	0.00	36.22	6.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	58.94	28.02	0.00	30.92	-5.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	58.94	29.85	0.00	29.09	-1.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	58.94	30.76	0.00	28.18	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	58.94	30.11	0.00	28.83	0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	58.94	33.07	0.00	25.87	-2.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TDS (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-1										
03/27/95	--	--	--	--	--	--	--	--	1.50	--
06/26/95	--	--	--	--	--	--	--	--	1.60	--
09/28/95	--	--	--	--	--	--	--	--	1.22	--
12/29/95	--	--	--	--	--	--	--	--	1.74	--
03/27/96	--	--	--	--	--	--	--	--	1.02	1.48
09/21/96	--	--	--	--	--	--	--	--	1.01	--
03/31/97	--	--	--	--	--	--	--	--	1.49	1.47
03/16/03	ND<50000	ND<250000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	--	--
MW-2										
03/27/95	--	--	--	--	--	--	--	410	1.70	--
06/26/95	--	--	--	--	--	--	--	--	4.55	--
09/28/95	--	--	--	--	--	--	--	--	3.00	--
12/29/95	--	--	--	--	--	--	--	--	8.71	--
03/31/97	--	--	--	--	--	--	--	--	2.12	2.18
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-3										
03/27/95	--	--	--	--	--	--	--	450	0.90	--
06/26/95	--	--	--	--	--	--	--	--	1.55	--
09/28/95	--	--	--	--	--	--	--	--	1.63	--
12/29/95	--	--	--	--	--	--	--	--	6.97	--
03/31/97	--	--	--	--	--	--	--	--	2.06	1.95
09/15/00	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-4										

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TDS (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-4 continued										
03/27/95	--	--	--	--	--	--	--	--	4.90	--
09/28/95	--	--	--	--	--	--	--	--	6.29	--
03/27/96	--	--	--	--	--	--	--	--	3.91	4.32
09/21/96	--	--	--	--	--	--	--	--	2.82	--
03/31/97	--	--	--	--	--	--	--	--	2.63	2.66
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-5										
03/27/95	--	--	--	--	--	--	--	--	5.20	--
09/28/95	--	--	--	--	--	--	--	--	1.96	--
03/27/96	--	--	--	--	--	--	--	--	4.71	4.03
09/21/96	--	--	--	--	--	--	--	--	4.12	--
03/31/97	--	--	--	--	--	--	--	--	3.11	2.98
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-6										
03/27/95	--	--	--	--	--	--	--	--	7.40	--
09/28/95	--	--	--	--	--	--	--	--	4.19	--
03/27/96	--	--	--	--	--	--	--	--	4.96	5.94
09/21/96	--	--	--	--	--	--	--	--	3.74	--
03/31/97	--	--	--	--	--	--	--	--	3.11	3.21
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-7										
03/27/95	--	--	--	--	--	--	--	--	8.40	--
09/28/95	--	--	--	--	--	--	--	--	2.04	--
03/27/96	--	--	--	--	--	--	--	--	5.23	6.63

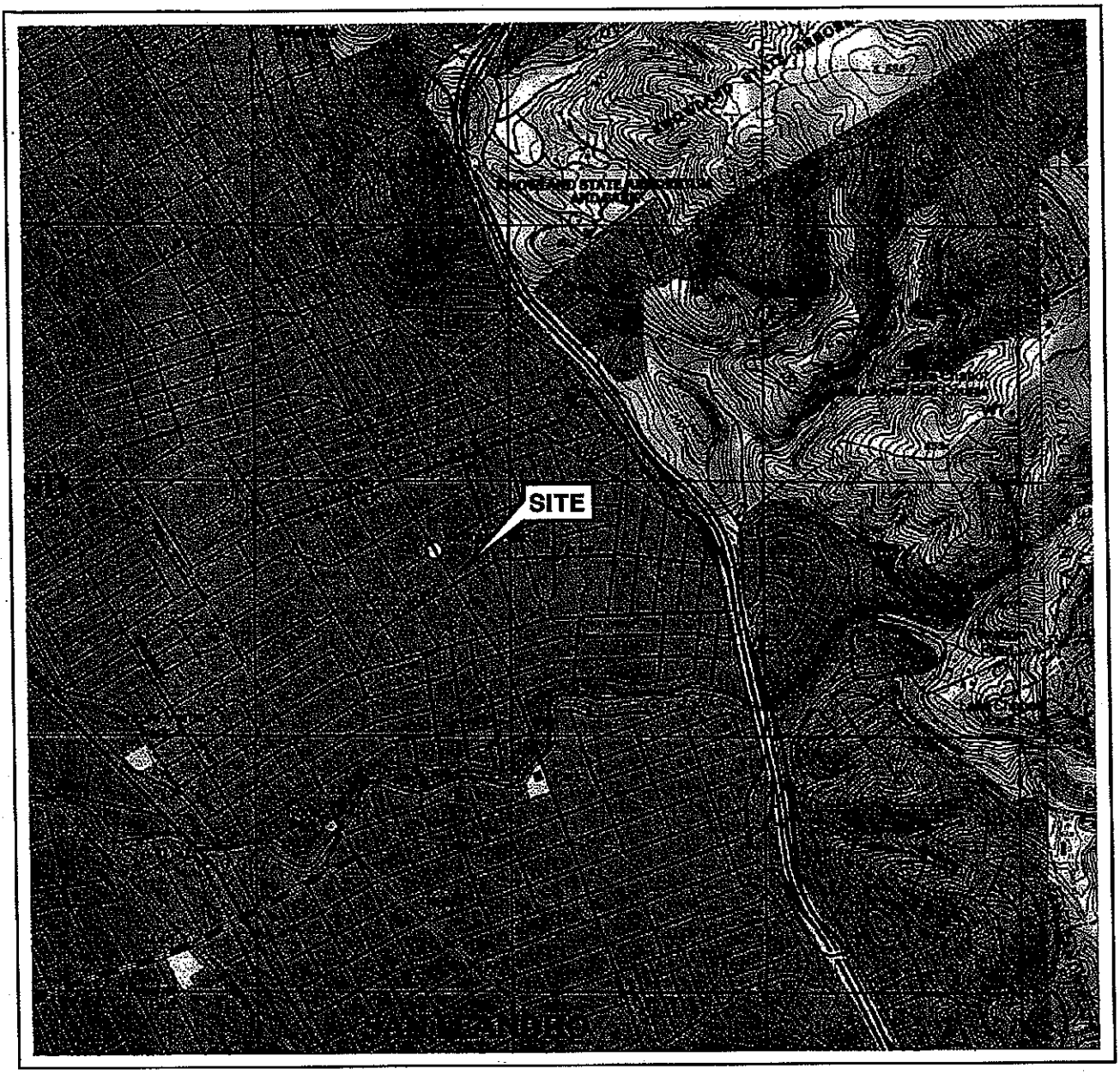
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TDS (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-7 continued										
09/21/96	--	--	--	--	--	--	--	--	1.19	--
03/31/97	--	--	--	--	--	--	--	--	2.16	2.29
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-8										
03/27/95	--	--	--	--	--	--	--	490	2.20	--
06/26/95	--	--	--	--	--	--	--	--	3.86	--
09/28/95	--	--	--	--	--	--	--	--	1.85	--
12/29/95	--	--	--	--	--	--	--	--	2.03	--
03/27/96	--	--	--	--	--	--	--	--	9.76	11.73
09/21/96	--	--	--	--	--	--	--	--	2.16	--
03/31/97	--	--	--	--	--	--	--	--	2.91	2.81
09/27/97	--	--	--	--	--	--	--	--	--	3.11
03/20/98	--	--	--	--	--	--	--	--	2.65	--
MW-9										
03/27/95	--	--	--	--	--	--	--	--	7.8	--
06/26/95	--	--	--	--	--	--	--	--	4.61	--
09/28/95	--	--	--	--	--	--	--	--	5.76	--
12/29/95	--	--	--	--	--	--	--	--	5.32	--
03/27/96	--	--	--	--	--	--	--	--	5.23	5.62
09/21/96	--	--	--	--	--	--	--	--	4.13	--
03/31/97	--	--	--	--	--	--	--	--	3.27	3.36
MW-10										
12/29/95	--	--	--	--	--	--	--	--	5.11	--
03/27/96	--	--	--	--	--	--	--	--	4.57	4.38

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TDS (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-10 continued										
09/21/96	--	--	--	--	--	--	--	--	5.38	--
03/31/97	--	--	--	--	--	--	--	--	4.83	4.48

FIGURES



N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
San Leandro Quadrangle

0 1/4 1/2 3/4 1 MILE

SCALE 1: 24,000

TRC

PROJECT: 154771

FACILITY:

76 STATION 5367
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

VICINITY MAP

FIGURE 1

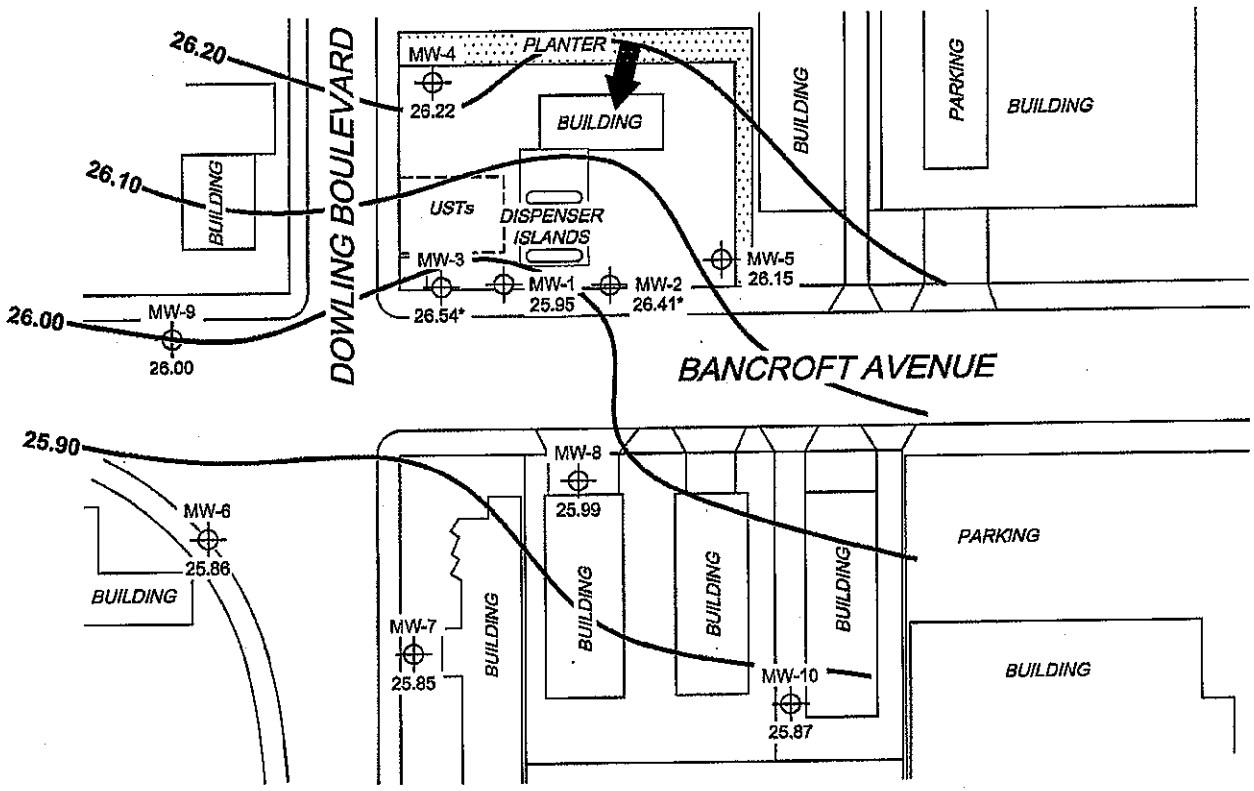
PS=1:1 L:\GIS\MS VICINITY MAP SD5367vm.dwg Nov 16, 2007 - 7:17am cwong

LEGEND

MW-10 ⊕ Monitoring Well with Groundwater Elevation (feet)

26.20 — Groundwater Elevation Contour

General Direction of Groundwater Flow



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. * = not included in groundwater contour interpretation. UST = underground storage tank

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SAN LEANDRO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
September 2, 2008

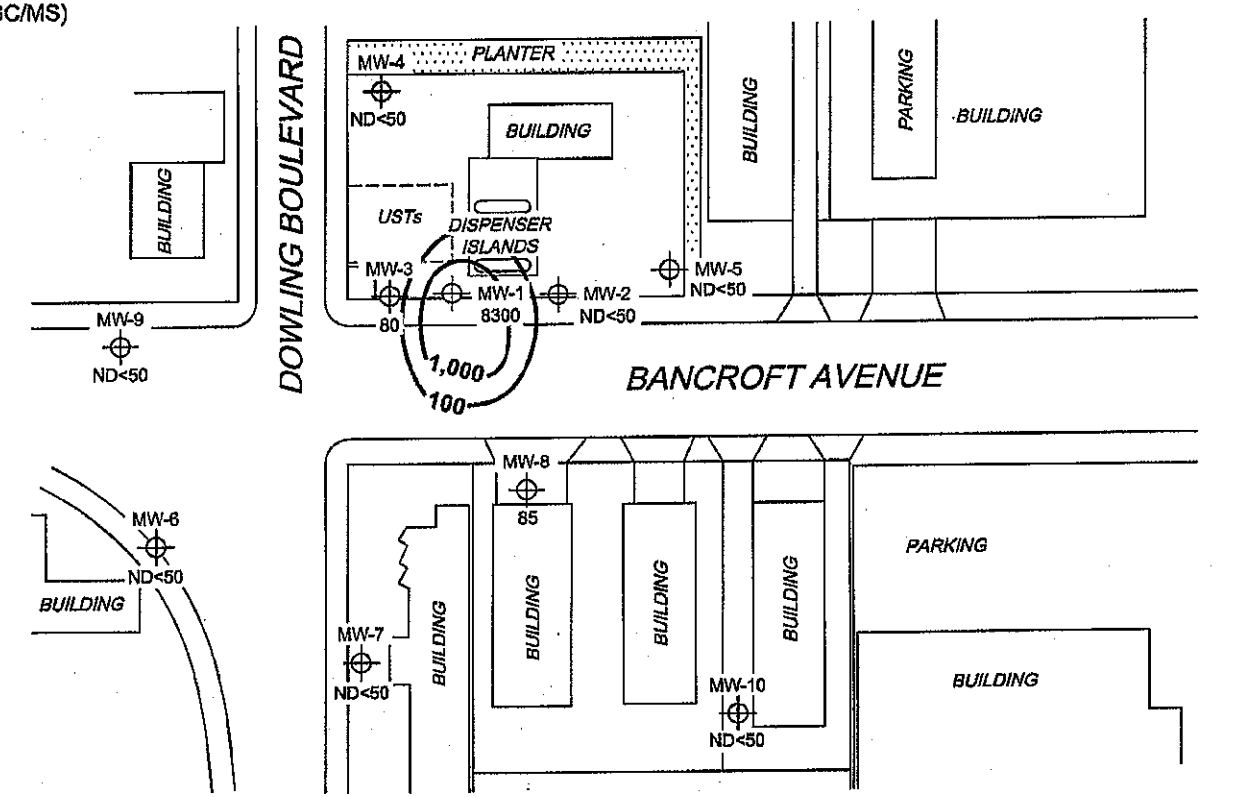
FIGURE 2

MS=1:1 5367-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5367+\5367-QMS(NEW).dwg Sep 17, 2008 - 10:57am bschmidt

LEGEND

MW-10 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

—1,000— Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.

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DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
September 2, 2008

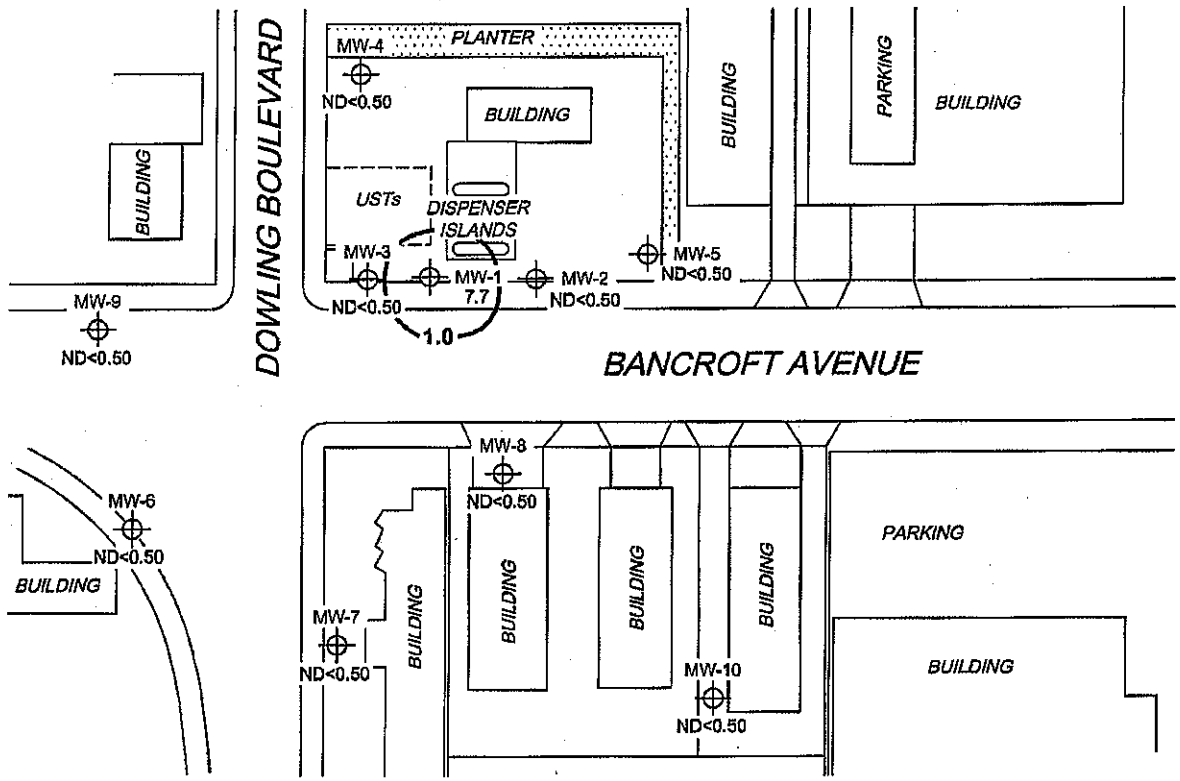
FIGURE 3

MS=1:1 5367-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5367+\5367-QMS(NEW).dwg Sep 17, 2008 - 11:00am bsohmidt

LEGEND

MW-10 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

1.0 Dissolved-Phase Benzene Contour (µg/l)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.

TRC

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FACILITY:
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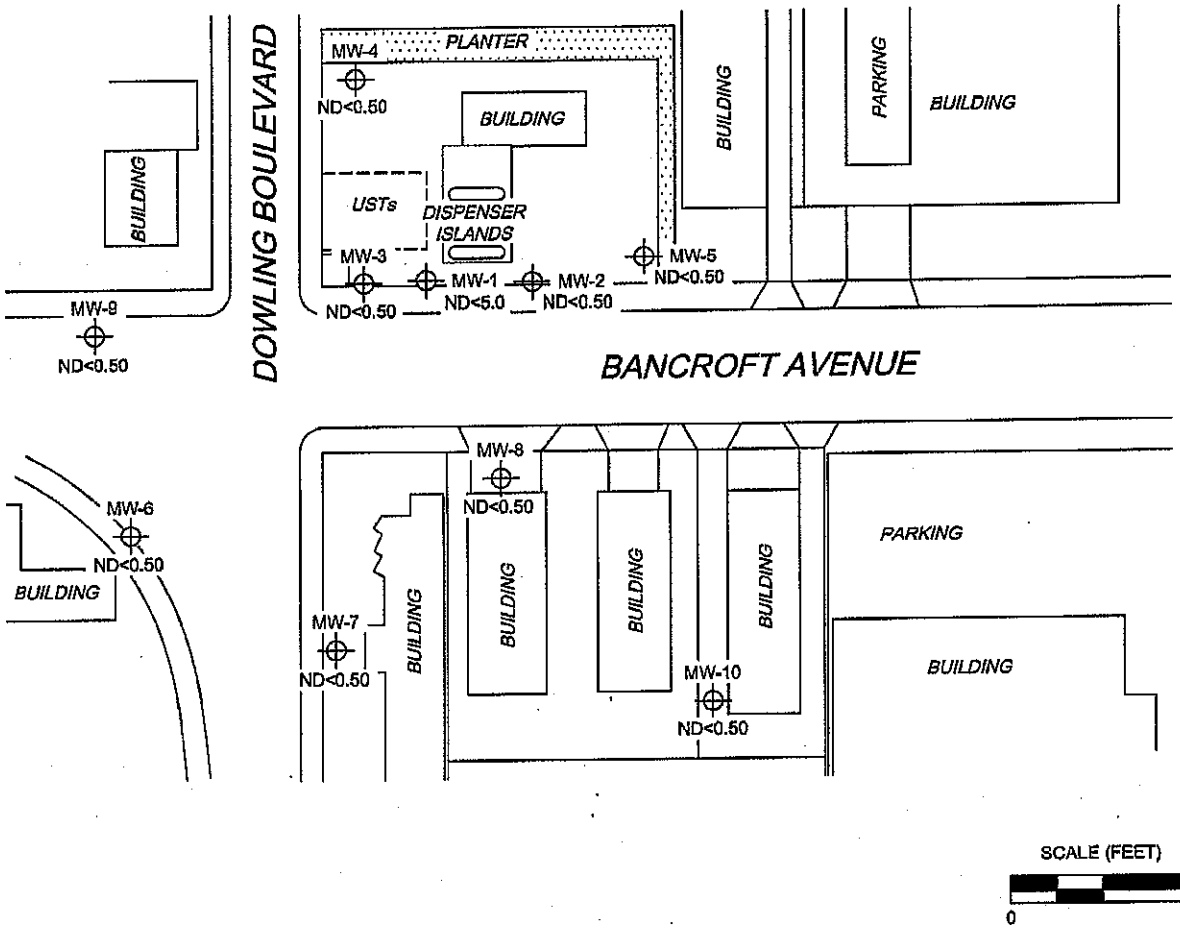
DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 2, 2008

FIGURE 4

LEGEND

MW-10 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)



NOTES:

MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B.

TRC

PROJECT: 154771

FACILITY:
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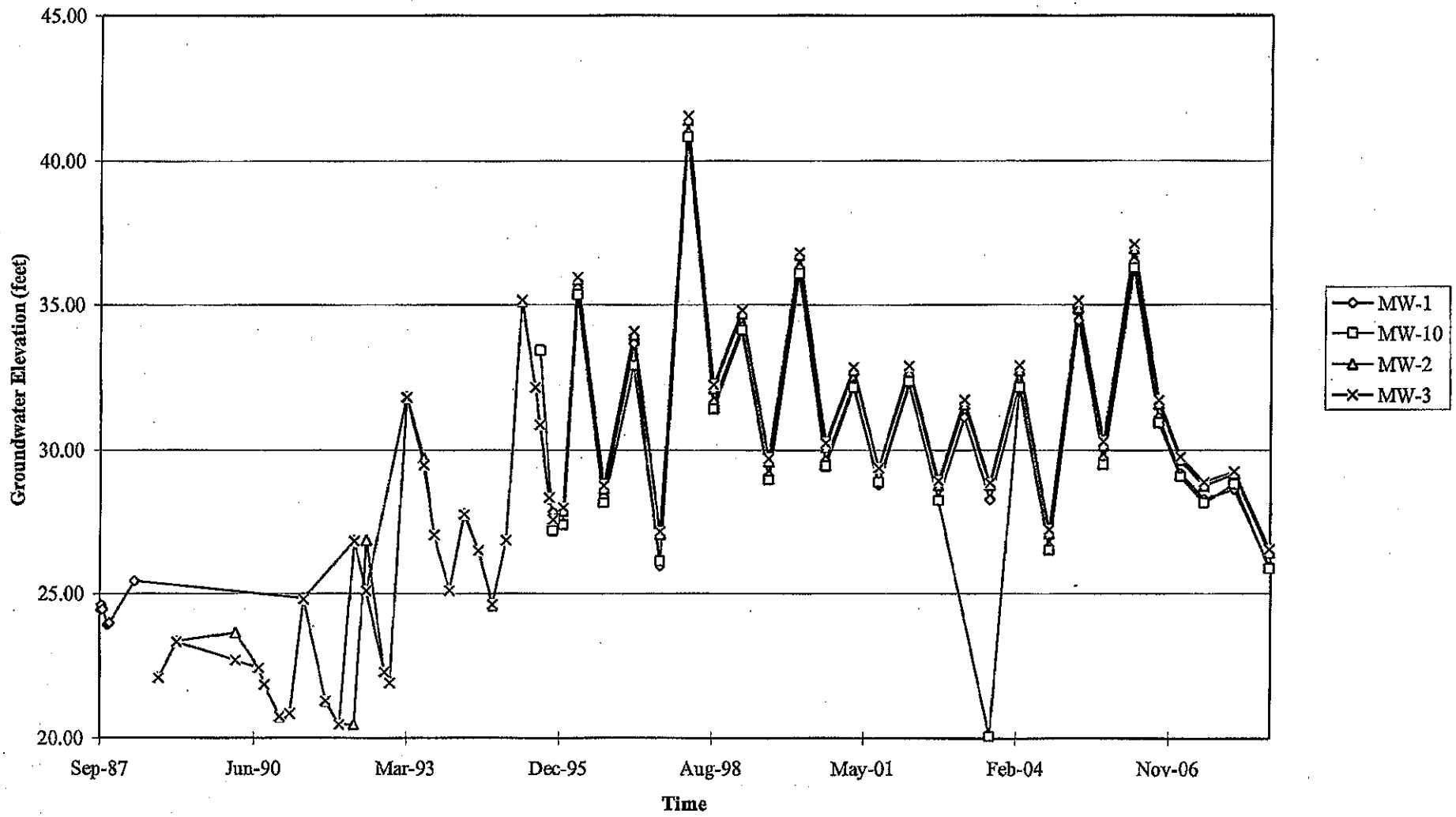
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 2, 2008

FIGURE 5

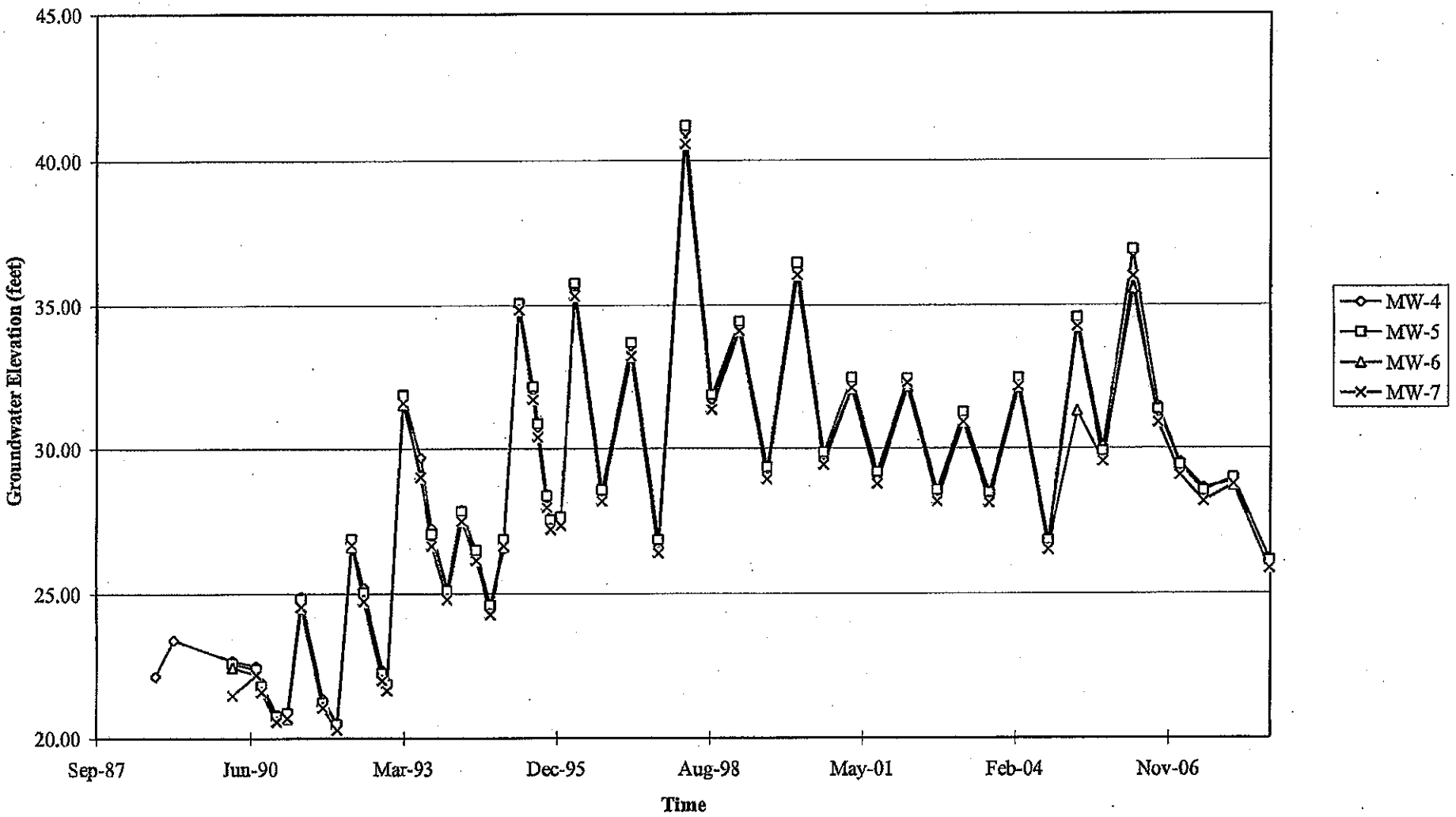
GRAPHS

Groundwater Elevations vs. Time
76 Station 5367



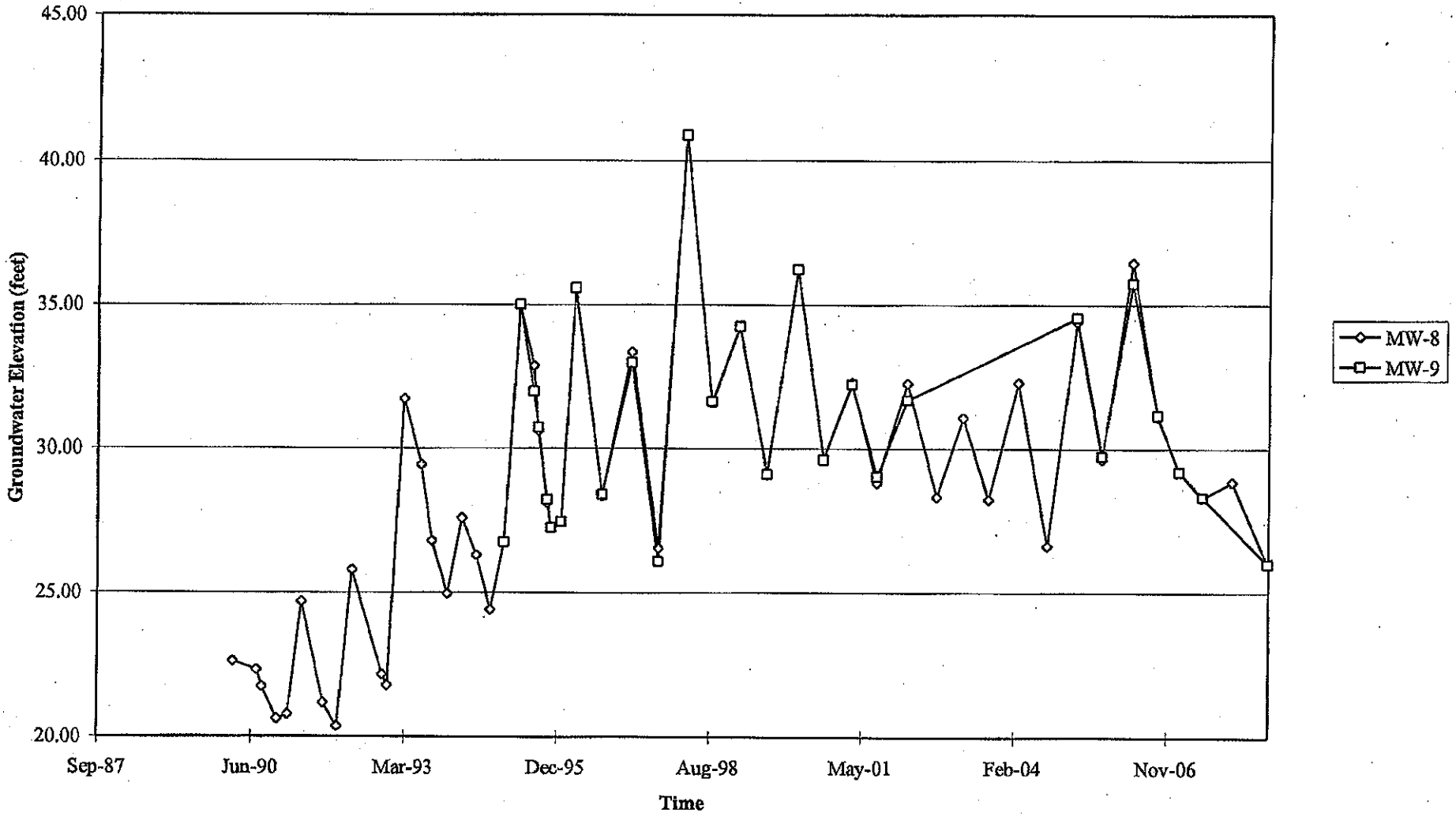
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 5367



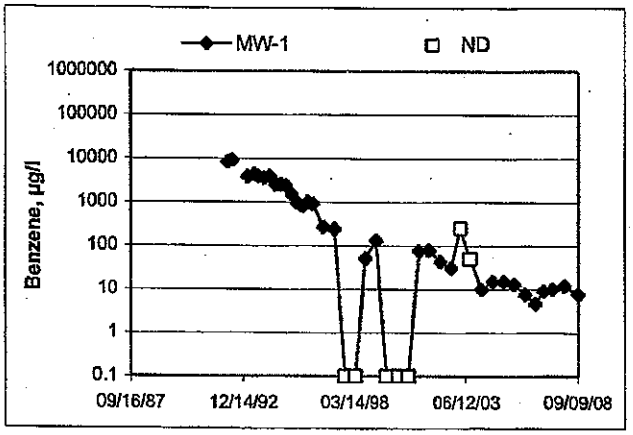
Elevations may have been corrected for apparent changes due to resurvey

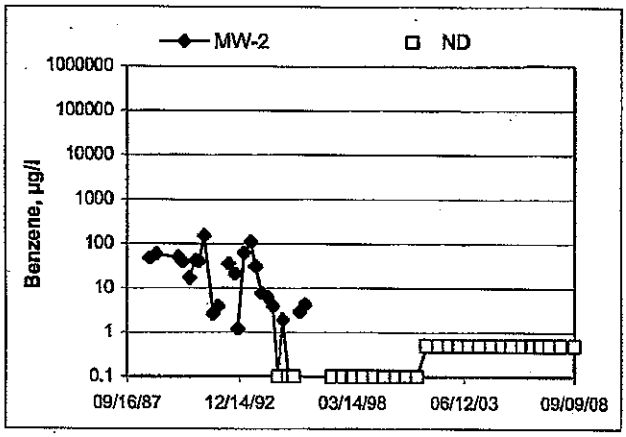
Groundwater Elevations vs. Time
76 Station 5367

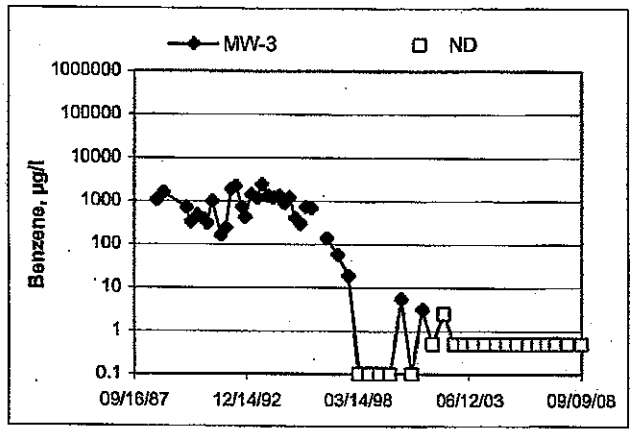


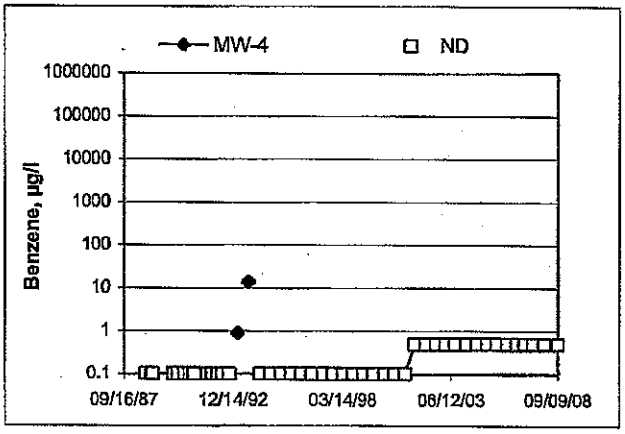
Elevations may have been corrected for apparent changes due to resurvey

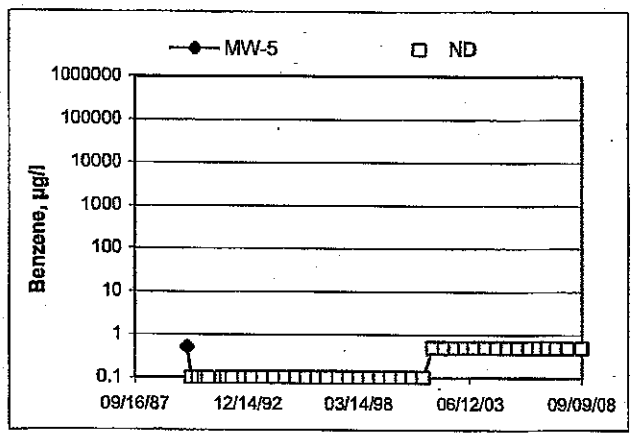
Benzene Concentrations vs Time
76 Station 5367

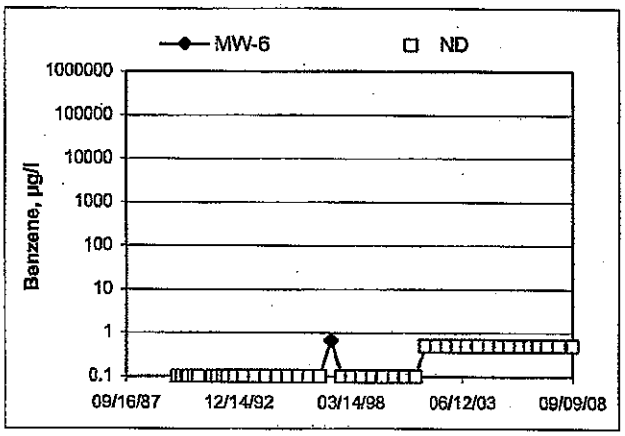


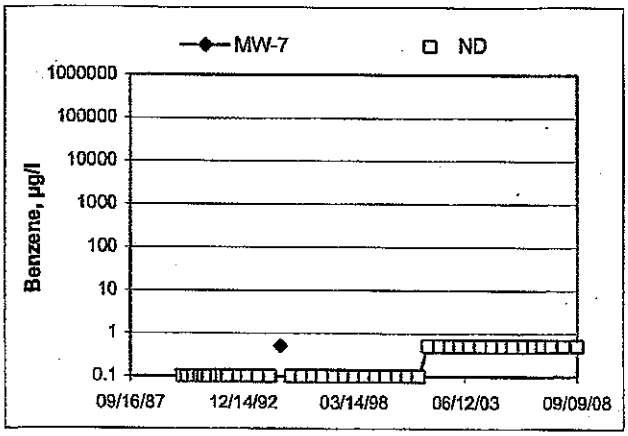


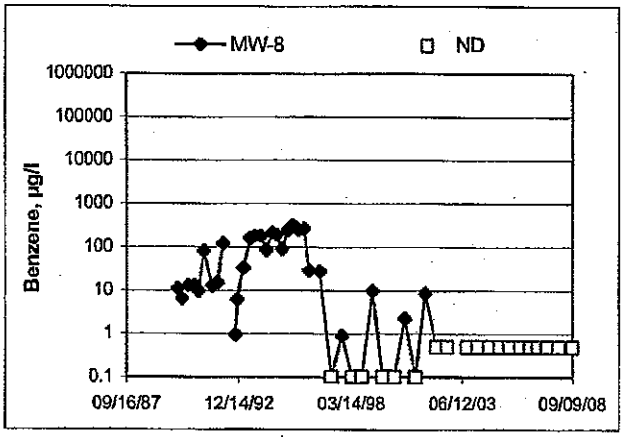




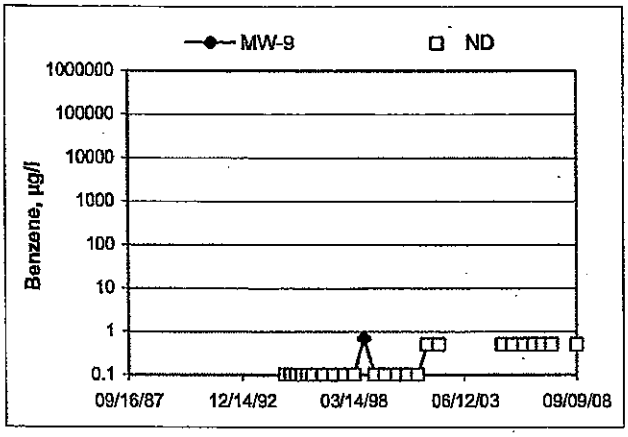


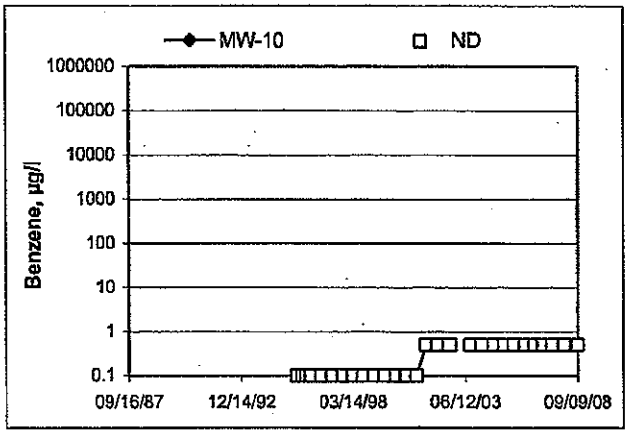






Benzene Concentrations vs Time
76 Station 5367





GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging, and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: JOE Job #/Task #: 154771/FA20 Date: 09-02-08

Site # 5367 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-4	X	0529	48.12	32.07	—	—	0749	4"
MW-3	X	0536	48.05	31.38	—	—	0826	4"
MW-2	X	0544	46.76	31.72	—	—	0900	4"
MW-5	X	0552	44.28	32.35	—	—	0923	2"
MW-9	X	0943	44.61	30.47	—	—	1001	2" car parked over well
MW-6	X	0601	44.38	31.10	—	—	1028	2"
MW-7	X	0610	42.22	31.40	—	—	1051	2"
MW-8	X	0618	44.02	31.72	—	—	1114	2"
MW-10	X	0627	42.40	33.07	—	—	1141	2"
MW-1	X	0636	35.17	31.88	—	—	1213	2"

FIELD DATA COMPLETE ✓ QA/QC ✓ COC ✓ WELL BOX CONDITION SHEETS ✓

MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL ✓

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367 Project No.: 154771 Date: 09-02-08

Well No. MW-4 Purge Method: SUB

Depth to Water (feet): 32.07
Total Depth (feet) 48.12
Water Column (feet): 16.05
80% Recharge Depth(feet): 35.28

Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 4"
1 Well Volume (gallons): ~~11~~ 12

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
0725			11	628.7	18.4	8.92			
			22	603.6	18.1	8.05			
	0742		33	598.7	18.1	8.02			

Static at Time Sampled	Total Gallons Purged	Sample Time
32.16	33	0749

Comments:

Well No. MW-3 Purge Method: SUB

Depth to Water (feet): 31.38
Total Depth (feet) 48.05
Water Column (feet): 16.67
80% Recharge Depth(feet): 34.71

Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 4"
1 Well Volume (gallons): 12

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
0804			12	582.7	17.4	7.39			
			24	606.1	18.1	7.20			
~~0819~~	0819		36	621.7	18.2	7.05			

Static at Time Sampled	Total Gallons Purged	Sample Time
31.62	36	0826

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367 Project No.: 154771 Date: 09-02-08

Well No. MW-2 Purge Method: SUB

Depth to Water (feet): 31.72 Depth to Product (feet): —

Total Depth (feet) 46.76 LPH & Water Recovered (gallons): —

Water Column (feet): 15.04 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 34.72 1 Well Volume (gallons): 10

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
0839			10	608.6	19.0	7.25			
			20	602.3	20.3	7.35			
	0852		30	599.3	19.9	7.06			

Static at Time Sampled	Total Gallons Purged	Sample Time
31.86	30	0900

Comments:

Well No. MW-5 Purge Method: SUB

Depth to Water (feet): 32.35 Depth to Product (feet): —

Total Depth (feet) 44.28 LPH & Water Recovered (gallons): —

Water Column (feet): 11.93 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 34.73 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
0913			2	599.8	20.2	7.46			
			4	596.8	19.2	7.04			
	0915		6	594.7	19.1	6.91			

Static at Time Sampled	Total Gallons Purged	Sample Time
32.40	6	0923

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367 Project No.: 154771 Date: 09-02-08

Well No. MW-9 Purge Method: SUB

Depth to Water (feet): 30.47
Total Depth (feet) 44.61
Water Column (feet): 14.14
80% Recharge Depth(feet): 33.29

Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
0950			3	561.8	19.6	7.70			
			6	562.0	19.5	7.40			
	0954		9	561.6	19.4	7.23			

Static at Time Sampled	Total Gallons Purged	Sample Time
30.53	9	1001

Comments:

Well No. MW-6 Purge Method: SUB

Depth to Water (feet): 31.10
Total Depth (feet) 44.38
Water Column (feet): 13.28
80% Recharge Depth(feet): 33.75

Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
1017			3	538.7	22.1	7.64			
			6	537.1	21.0	7.38			
	1021		9	538.1	21.2	7.14			

Static at Time Sampled	Total Gallons Purged	Sample Time
31.12	9	1028

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367 Project No.: 154771 Date: 09-02-08

Well No. MW-7 Purge Method: SUB

Depth to Water (feet): 31.40 Depth to Product (feet): —

Total Depth (feet) 42.22 LPH & Water Recovered (gallons): —

Water Column (feet): 10.82 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 33.56 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
1039			2	575.2	22.6	7.56			
			4	577.3	21.3	7.27			
	1042		6	582.3	20.5	7.05			

Static at Time Sampled	Total Gallons Purged	Sample Time
31.44	6	1051

Comments:

Well No. MW-8 Purge Method: SUB

Depth to Water (feet): 31.72 Depth to Product (feet): —

Total Depth (feet) 44.02 LPH & Water Recovered (gallons): —

Water Column (feet): 12.30 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 34.18 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
1057			2	640.5	21.9	7.63			
			4	642.5	20.9	7.00			
	1107		6	641.7	20.2	6.90			

Static at Time Sampled	Total Gallons Purged	Sample Time
31.77	6	1114

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367 Project No.: 154771 Date: 09-02-08

Well No. MW-10 Purge Method: HB

Depth to Water (feet): 33.07 Depth to Product (feet): —

Total Depth (feet) 42.40 LPH & Water Recovered (gallons): —

Water Column (feet): 9.33 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 34.93 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
1127			2	515.3	18.0	7.60			
			4	514.4	18.3	7.38			
	1138		6	512.8	18.2	7.29			

Static at Time Sampled	Total Gallons Purged	Sample Time
33.35	6	1141

Comments:

Well No. MW-1 Purge Method: SUB

Depth to Water (feet): 31.88 Depth to Product (feet): —

Total Depth (feet) 35.17 LPH & Water Recovered (gallons): —

Water Column (feet): 3.29 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 32.53 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
1159			1	805.6	24.3	6.90			
			2	807.9	23.4	6.60			
	1202		3	812.0	23.2	6.51			

Static at Time Sampled	Total Gallons Purged	Sample Time
31.93	3	1213

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 09/11/2008

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 5367
BC Work Order: 0811616

Enclosed are the results of analyses for samples received by the laboratory on 9/3/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC 21 Technology Drive Irvine, CA 92618	Project: 5367 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/11/2008 12:28

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811616-01	**COC Number:**	—	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 07:49	Global ID: T0600101479
	Sampling Location:	MW-4	**Sample Depth:**	—	Matrix: W
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811616-02	**COC Number:**	—	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 08:26	Global ID: T0600101479
	Sampling Location:	MW-3	**Sample Depth:**	—	Matrix: W
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811616-03	**COC Number:**	—	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 09:00	Global ID: T0600101479
	Sampling Location:	MW-2	**Sample Depth:**	—	Matrix: W
	Sampling Point:	MW-2	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811616-04	**COC Number:**	—	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 09:23	Global ID: T0600101479
	Sampling Location:	MW-5	**Sample Depth:**	—	Matrix: W
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811616-05	**COC Number:**	—	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 10:01	Global ID: T0600101479
	Sampling Location:	MW-9	**Sample Depth:**	—	Matrix: W
	Sampling Point:	MW-9	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

TRC 21 Technology Drive Irvine, CA 92618	Project: 5367 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/11/2008 12:28

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811616-06	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 10:28	Global ID: T0600101479
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811616-07	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 10:51	Global ID: T0600101479
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811616-08	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 11:14	Global ID: T0600101479
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-8	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811616-09	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 11:41	Global ID: T0600101479
	Sampling Location:	MW-10	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-10	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811616-10	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:
	Project Number:	5367	**Sampling Date:**	09/02/2008 12:13	Global ID: T0600101479
	Sampling Location:	MW-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-01 | **Client Sample Name:** 5367, MW-4, MW-4, 9/2/2008 7:49:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/05/08 21:53	SDU	MS-V10	1	BRI0413		

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Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-02 | **Client Sample Name:** 5367, MW-3, MW-3, 9/2/2008 8:26:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	80	ug/L	50		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/05/08 22:11	SDU	MS-V10	1	BRI0413		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5367 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-03 | **Client Sample Name:** 5367, MW-2, MW-2, 9/2/2008 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114	(LCL - UCL)	EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	97.2	%	88 - 110	(LCL - UCL)	EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	97.1	%	86 - 115	(LCL - UCL)	EPA-8260	09/05/08	09/05/08 22:32	SDU	MS-V10	1	BRI0413		

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Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-04 | **Client Sample Name:** 5367, MW-5, MW-5, 9/2/2008 9:23:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	94.1	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 12:29	SDU	MS-V10	1	BRI0413		

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Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-05 | **Client Sample Name:** 5367, MW-9, MW-9, 9/2/2008 10:01:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	93.4	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	98.5	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 12:47	SDU	MS-V10	1	BRI0413		

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Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-06 | **Client Sample Name:** 5367, MW-6, MW-6, 9/2/2008 10:28:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	90.0	%	88 - 110	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 13:04	SDU	MS-V10	1	BRI0413		

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Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-07 | **Client Sample Name:** 5367, MW-7, MW-7, 9/2/2008 10:51:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	89.1	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	97.8	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 13:22	SDU	MS-V10	1	BRI0413		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-08 | **Client Sample Name:** 5367, MW-8, MW-8, 9/2/2008 11:14:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	85	ug/L	50		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	96.2	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	98.8	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 13:40	SDU	MS-V10	1	BRI0413		

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Irvine, CA 92618

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-09 | **Client Sample Name:** 5367, MW-10, MW-10, 9/2/2008 11:41:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	89.3	%	88 - 110	(LCL - UCL)	EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	97.6	%	86 - 115	(LCL - UCL)	EPA-8260	09/05/08	09/09/08 19:14	SDU	MS-V10	1	BRI0413		

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Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811616-10 | **Client Sample Name:** 5367, MW-1, MW-1, 9/2/2008 12:13:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	7.7	ug/L	5.0		EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413	ND	A01
Ethylbenzene	850	ug/L	5.0		EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413	ND	A01
Methyl t-butyl ether	ND	ug/L	5.0		EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413	ND	A01
Toluene	ND	ug/L	5.0		EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413	ND	A01
Total Xylenes	56	ug/L	10		EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413	ND	A01
Total Purgeable Petroleum Hydrocarbons	8300	ug/L	500		EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413		
Toluene-d8 (Surrogate)	94.4	%	88 - 110	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413		
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 01:30	SDU	MS-V10	10	BRI0413		

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Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRI0413	Matrix Spike	0811678-02	0	23.590	25.000	ug/L		94.4		70 - 130	
		Matrix Spike Duplicate	0811678-02	0	23.610	25.000	ug/L	0	94.4	20	70 - 130	
Toluene	BRI0413	Matrix Spike	0811678-02	0	23.330	25.000	ug/L		93.3		70 - 130	
		Matrix Spike Duplicate	0811678-02	0	23.750	25.000	ug/L	1.8	95.0	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0413	Matrix Spike	0811678-02	ND	9.6400	10.000	ug/L		96.4		76 - 114	
		Matrix Spike Duplicate	0811678-02	ND	9.7200	10.000	ug/L		97.2		76 - 114	
Toluene-d8 (Surrogate)	BRI0413	Matrix Spike	0811678-02	ND	9.6200	10.000	ug/L		96.2		88 - 110	
		Matrix Spike Duplicate	0811678-02	ND	9.9800	10.000	ug/L		99.8		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRI0413	Matrix Spike	0811678-02	ND	10.360	10.000	ug/L		104		86 - 115	
		Matrix Spike Duplicate	0811678-02	ND	10.340	10.000	ug/L		103		86 - 115	

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21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRI0413	BRI0413-BS1	LCS	24.720	25.000	0.50	ug/L	98.9		70 - 130		
Toluene	BRI0413	BRI0413-BS1	LCS	25.680	25.000	0.50	ug/L	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0413	BRI0413-BS1	LCS	9.7900	10.000		ug/L	97.9		76 - 114		
Toluene-d8 (Surrogate)	BRI0413	BRI0413-BS1	LCS	9.8900	10.000		ug/L	98.9		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRI0413	BRI0413-BS1	LCS	10.310	10.000		ug/L	103		86 - 115		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/11/2008 12:28

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Toluene	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Total Xylenes	BRI0413	BRI0413-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BRI0413	BRI0413-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRI0413	BRI0413-BLK1	99.0	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0413	BRI0413-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0413	BRI0413-BLK1	101	%	86 - 115 (LCL - UCL)		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5367 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/11/2008 12:28

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.

Submission #: 0811610

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest Intact? Yes ☐ No ☐ Containers Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: .97 Container: QTA Thermometer ID: 48

Temperature: A 0.2 °C / C 0.0 °C

Date/Time 9-3-8 2312

Analyst Init MLM

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: CLL Date/Time: 9/4/08 1115

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES, INC. 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918

CHAIN OF CUSTODY

#08-11666

Analysis Requested

Bill to: Conoco Phillips/ TRC

Address: 500 Bancroft Ave.

City: San Leandro

State: CA Zip:

Conoco Phillips Mgr: Ted Moise

Consultant Firm: TRC

21 Technology Drive
Irvine, CA 92618-2302
Attn: Anju Farfan

4-digit site#: 5367

Workorder # 01400-450911/8565

Project #: 154771

Sampler Name: JOEL

MATRIX (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	Matrix	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/~~OXYS~~ BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS				Turnaround Time Requested
-1		MW-4	09-02-08 0749	GW					X		X				STD
-2		MW-3	0826	↓					↓		↓				↓
-3		MW-2	0900	↓					↓		↓				↓
-4		MW-5	0923	↓					↓		↓				↓
-5		MW-9	1001	↓					↓		↓				↓
-6		MW-6	1028	↓					↓		↓				↓
-7		MW-7	1051	↓					↓		↓				↓
-8		MW-8	1114	↓					↓		↓				↓

CHK BY / DISTRIBUTION / SUB-OUT

Comments:

GLOBAL ID: T0600101479

Relinquished by: (Signature)	Received by:	Date & Time
Joe D. Lewis	refridgerator	09-02-08 1400
Relinquished by: (Signature) [signature]	Received by: Ross Wickey	Date & Time 9/3/08 1530
Relinquished by: (Signature) Ross Wickey 9/3/08	Received by: R Cuyamel	Date & Time 9-3-08 2030
R Cuyamel 9-3-08 2300	[signature]	9-3-08 2300

BC LABORATORIES, INC. 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918

CHAIN OF COUNTODY

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC	
Address: 500 Bancroft Ave.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan	
City: San Leandro		4-digit site#: 5367	
		Workorder #01400-4509118565	
State: CA	Zip:	Project #: 01400-4509118565	
Conoco Phillips Mgr: Ted Moise		Sampler Name: JOE L.	

MATRIX: (GW) Groundwater; (S) Soil; (WW) Wastewater; (SL) Sludge

Analysis Requested

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/~~OXYS~~ BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS				Turnaround Time Requested
-9		MW-10	09-02-08 1141	GW					X		X				STD
-10		MW-1	09-02-08 1213	GW					X		X				STD

Comments:

GLOBAL ID: T0600101479

Relinquished by: (Signature)	Received by:	Date & Time
Joe D. Lewis	refridgerator	09-02-08 1400
[signature]	Ross Decker	9/3/08 1530
Ross Decker 9/3/08	R Riegel	9-3-08 2030
R Riegel 9-3-08 2300	[signature] Watt	9-3-08 2307

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by a licensed carrier, to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by others.

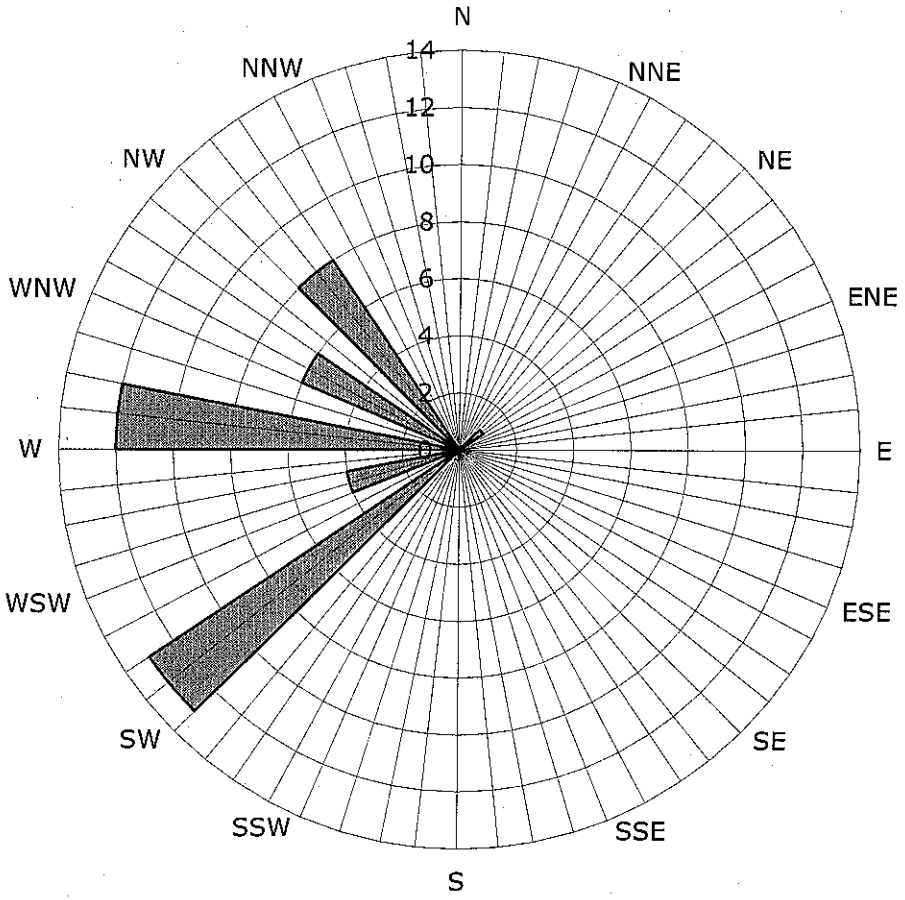
Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.

Attachment B

Historic Groundwater Flow Directions

Historic Groundwater Flow Directions
ConocoPhillips Site No. 5367
500 Bancroft Avenue
San Leandro, California



Legend
Concentric circles represent quarterly montoring events
Third Quarter 1990