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 #5430
1935 Washington Avenue
San Leandro, California
Loc Case #: RO0000443

Dear Ms. Jakub:

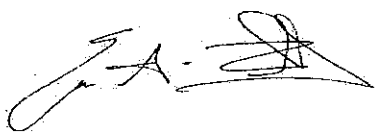
I declare under penalty of perjury that, to the best of my knowledge, the information and/or recommendations contained in the attached report is/are true and correct.

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. 5430
1935 Washington Avenue
San Leandro, California
Fuel Leak Case No. RO0000443

DELTA

Dear Ms. Jakub:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting this Historical Review Report.

SITE BACKGROUND AND PREVIOUS ENVIRONMENTAL WORK

The site is located on the south corner of the intersection of Washington Avenue and Castro Street and is an active 76 service station. The site location is shown on Figure 1. Unleaded gasoline is currently stored in two 10,000-gallon underground storage tanks (USTs) located in a common excavation in the north-central portion of the site. A 280-gallon waste-oil UST is installed in a separate excavation located south of the station building. Two dispenser islands are present under a single canopy located in eastern portion of the site. Site features are shown on Figure 2.

The Site has been an active service station since 1965. Unocal files indicate a product line leak occurred in June of 1976 and that one of the original USTs failed a precision test in October 1981. In December 1981, the two original steel gasoline USTs were replaced with two fiberglass USTs.

In August, 1993 five exploratory soil borings (U-A through U-E) were advanced and three on-site groundwater monitoring wells (U-1 through U-3) were installed. This investigation is documented in a *Soil and Groundwater Investigation Report* prepared by Pacific Environmental Group (PEG), dated December 2, 1993.

In February, 1995 four additional monitoring wells were installed. Three monitoring wells were installed on-site (U-4 through U-6) and one was installed off-site (U-7). This

a member of: Inogen Environmental Alliance

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installation is documented in a *Soil and Groundwater Investigation Report* prepared by PEG, dated June 21, 1995.

In July, 1997 three direct-push borings were advanced on the property to the south-southeast of the 76 Station. The results of this investigation are documented in a *Soil and Groundwater Investigation* report prepared by PEG dated September 11, 1997. Based on the findings of that investigation, the southern extent of hydrocarbon impact to groundwater was considered assessed.

In July and August 1998 the product dispensers and associated underground product piping were replaced. Additionally, the waste-oil UST was replaced with an above-ground waste oil storage tank. A total of 50 cubic yards of soil was over-excavated and removed from the site.

In September 2005, Delta became the new consultant for the site.

In February 2007, Delta requested Morrow Surveying to survey the site and based on the survey data obtained from Mission Engineers, Inc. to determine the location of missing monitoring well U-5. Subsequent to the survey of the site conducted by Morrow Surveying, Delta returned to the site and using a metal detector attempted to locate monitoring well U-5. This search for monitoring well was unsuccessful as the monitoring well was not located.

In June 2007, TRC excavated an area approximately 2 feet wide by 3 feet long by 2 feet deep where monitoring well U-5 was surveyed by Morrow Surveying. TRC was unable to locate the monitoring well during this excavation work.

SENSITIVE RECEPTOR SURVEY

In May 1998, a well search was conducted by PEG reported three private domestic wells, nine irrigation wells, and twelve monitoring wells within a one-half mile radius of the site. The results of this well search are documented in an *Offsite Research and Sensitive Receptor Survey* prepared by PEG dated June 10, 1998.

In August 2006, Delta submitted a Public Health Questionnaire presenting specific queries regarding the presence of sensitive receptors was mailed to property owners within 1,000-feet of the site. Based on the data obtained by the returned questionnaires no drinking water supply wells are present on any of the respondent properties. Three properties have sumps used for irrigation purposes and a basement is present on one property.

Delta also reviewed the public records of the Department of Water Resources (DWR) to prepare a list of potential parcel numbers, property owner's names, and property addresses of potential receptors within a one-mile radius of the site. Questionnaires were mailed to six addresses on June 1, 2006. Delta did not receive responses to this mailing.

Based on the United States Geological Survey Topographic Map for this area (San Leandro quadrangle, 1967), the nearest surface water body is San Leandro Creek located approximately 500 feet northwest of the site.

Delta personnel searched for nearby schools, daycare centers, and hospitals within a 1,000-foot radius of the site. No hospitals, daycare centers or schools 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 the 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), and poorly graded sand (SP) to a depth of approximately 46.5-feet, the maximum depth explored.

SITE HYDROGEOLOGY

The site groundwater is currently monitored by seven monitoring wells (U-1 through U-7). Monitoring wells U-1 through U-3 are screened from 20 to 40 feet below ground surface (bgs) and monitoring wells U-4 through U-7 are screened from 25 to 40 feet bgs. Depth to groundwater in the monitoring wells on September 2, 2008 ranged from 31.40 to 32.80 feet below top of casing (btc). Groundwater flow is typically to the southwest with a very shallow average gradient of 0.009 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, six monitoring wells, five on-site and one off-site, are part of the monitoring and sampling program. Monitoring well U-5 was paved over in 2004 and is currently not monitored. The site has been monitored and sampled since the third quarter 1993.

Quarterly monitoring and sampling was conducted until September 1996 when the sampling interval changed to semi-annual. The monitoring and sampling frequency continues to be semi-annual and is conducted during the first and third quarters.

Groundwater samples collected from the monitoring wells are analyzed for total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by Environmental Protection Agency (EPA) Method 8260. In addition, groundwater samples are collected from monitoring wells U-1, U-3, and U-7 and analyzed for volatile organic compounds by EPA Method 8260.

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 U-3 and U-6 at concentrations of 400 micrograms per liter (µg/L) and 1,000 µg/L, respectively during the third quarter 2008 sampling event.

- **Benzene:** Benzene was below the laboratory's indicated reporting limit in each of the groundwater samples collected and submitted for analysis from the monitoring wells purged and sampled during the third quarter 2008 sampling event.

- **MTBE:** MTBE was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells U-2, U-3, and U-6 at concentrations of 0.66 µg/L, 0.76 µg/L, and 1.2 µg/L, respectively during the third quarter 2008 sampling event.

Ethyl-benzene was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells U-3 and U-6 at concentrations of 0.77 µg/L and 1.9 µg/L, respectively during the third quarter 2008 sampling event. Chloroform was above the laboratory's indicated reporting limits in the groundwater sample collected and submitted for analysis from monitoring well U-7 at a concentration of 0.66 µg/L during the third quarter 2008 sampling event. With the exception of the constituents listed above, all other constituents tested were below the laboratory's indicated reporting limits the groundwater samples collected and submitted for analysis from the three monitoring wells during the third quarter 2008 sampling event.

CHARACTERIZATION STATUS

Based on data collected during previous investigations the extent of the petroleum hydrocarbon impact in the soil beneath the site has been assessed.

Based on data collected during groundwater monitoring activities at the site it appears that dissolved phase petroleum hydrocarbon concentrations in the groundwater are considered stable. During the most recent groundwater monitoring event benzene was below the laboratory's indicated reporting limits in each of the groundwater samples collected and submitted for analysis. In addition, MTBE was below the State of California Drinking Water Standards, Secondary Maximum Contaminant Level (MCL) of 5.0 µg/L.

In addition, based on the sensitive receptor survey conducted by Delta in August 2006, there are currently no sensitive receptors within 1,000-feet down-gradient of the site.

PREFERENTIAL PATHWAYS

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. The groundwater at this site is generally found a depths ranging from 19 to 33 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 at the interface between the vadose zone and the water table. The analytical data from the soil samples collected from the numerous borings, with the exception of in the vicinity of the waste-oil UST, are only significantly impacted at depths ranging from approximately 30 to 35 feet bgs. This is the approximate depth at which first water was encountered in the borings. This appears to indicate that the impacted groundwater at the site is coming from an off-site source. Soil analytical data is presented in Table 1. Soil sample locations are shown on Figure 2.

Soil samples collected from the waste-oil UST excavation contained total petroleum hydrocarbons as gasoline (TPHg) and total petroleum hydrocarbons as diesel (TPHd) up to 500 mg/kg and 2800 mg/kg, respectively. However, analytical data from groundwater samples collected from nearby monitoring well U-1, down-gradient of the waste-oil UST indicate that TPHg has not been reported above the laboratory's indicated reporting limits since June 1996. Groundwater samples collected from monitoring well U-1 have not been collected and analyzed for TPHd since June 1996. Groundwater samples are also collected and submitted for analysis of volatile organic compounds by EPA Method 8260 from monitoring wells U-1, U-3, and U-7. The analytical data from these additional analysis also indicates that the groundwater in the vicinity of monitoring well U-1 has not been impacted by the waste-oil UST.

Based on the analytical data, impacted groundwater remains beneath the site in the area down-gradient of the fuel dispenser islands (monitoring wells U-3 and U-6). TPPH concentrations were reported in monitoring wells U-3 (400 µg/L) and U-6 (1,000 µg/L) during the third quarter 2008 sampling event. 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, benzene, and MTBE concentrations continues. The decline in concentrations is likely due to natural biodegradation.

The monitoring wells all appear to be appropriately screened. In addition, three borings (B-1 through B-3) were advanced to the south-southeast of the site to depths of 35.5 feet, 46.5 feet and 32 feet bgs in 1997. Analytical data from each of the soil samples collected from these borings indicate that the soil was not impacted by petroleum hydrocarbons. Analytical data from the groundwater sample collected from

boring B-1 also indicates that the groundwater is not impacted by petroleum hydrocarbons at this location.

The vertical and horizontal extent of the petroleum hydrocarbon impact to the soil appears to be adequately assessed.

Based on the data obtained from the previous investigations at this site the extent of the petroleum hydrocarbon impact to the groundwater is not adequately assessed down-gradient of monitoring well U-6. In addition, as stated above the analytical data from the impacted soil beneath the site appears to indicate that the petroleum hydrocarbon impacted groundwater beneath the site may be originating from an off-site source. Therefore, Delta recommends that a historical file search be conducted to determine if any sites up-gradient of the site could potentially be impacting the groundwater beneath the site. This review will also be conducted to determine the history of the property down-gradient of monitoring well U-6 that is shown on the site plan as a carwash. Currently this location appears to contain residential structures. Subsequent to the file review Delta will prepare a work plan for the advancement of one boring and the collection of soil and groundwater samples down-gradient of monitoring well U-6. This work plan will be submitted to the Alameda County Health Care Services Agency (ACHCSA) for their consideration. The location of this boring will be dependant upon the history of the down-gradient property. If the ACHCSA concurs with this recommendation, a work plan will be submitted under a separate cover for their review.

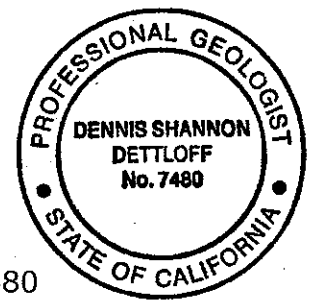
REMARKS/SIGNATURES

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

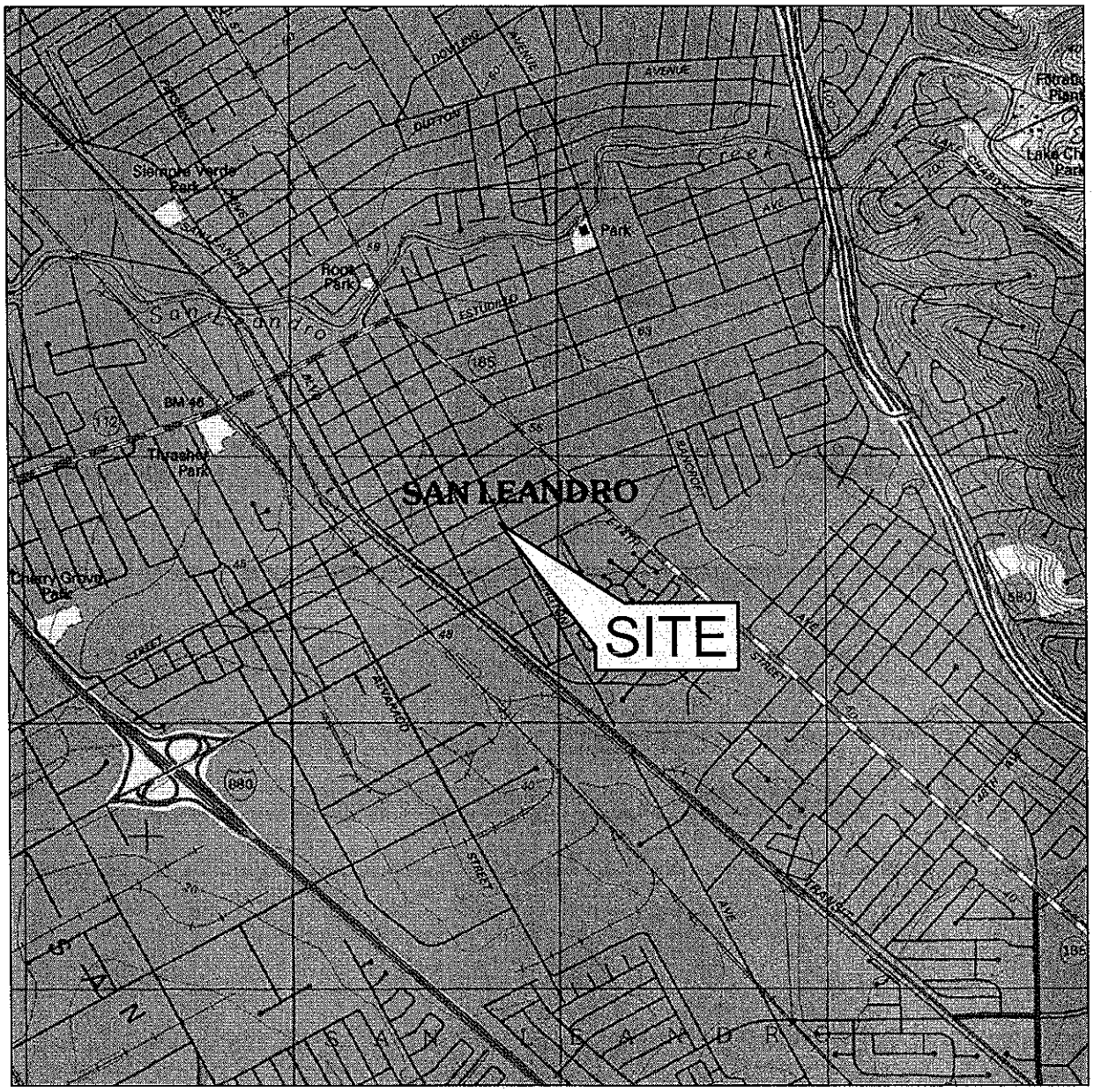
Table 1 – Historical Soil Analytical Results

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



North

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

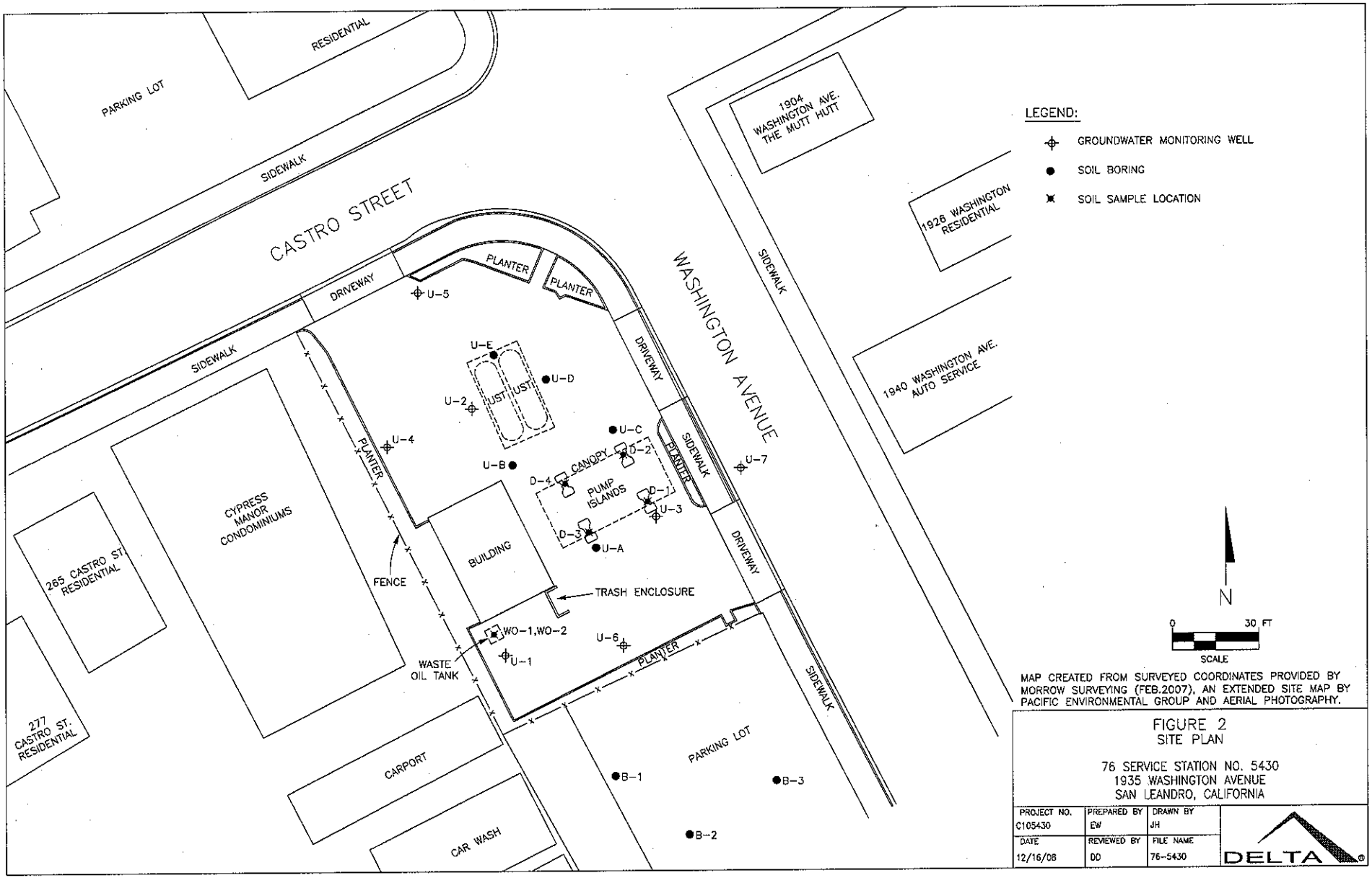
FIGURE 1

SITE LOCATION MAP

76 SERVICE STATION NO. 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

PROJECT NO. C105-430	DRAWN BY JH 12/19/08
FILE NO. Site Locator 5430	PREPARED BY MC
REVISION NO. 1	REVIEWED BY

DELTA®



MAP CREATED FROM SURVEYED COORDINATES PROVIDED BY MORROW SURVEYING (FEB.2007), AN EXTENDED SITE MAP BY PACIFIC ENVIRONMENTAL GROUP AND AERIAL PHOTOGRAPHY.

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
C105430	EW	JH
DATE	REVIEWED BY	FILE NAME
12/16/08	DD	76-5430

DELTA®

Table

Table 1

HISTORICAL SOIL ANALYTICAL RESULTS
ConocoPhillips Station No. 5430
1935 Washington Avenue, San Leandro, California

Sample ID	Date	Sample Depth (feet)	TPHg (mg/kg)	TPPH (mg/kg)	TPHd (mg/kg)	TPHoil (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)
U-A	8/4/1993	9.5-11	<1	NA	NA	NA	<0.005	**0.008**	<0.005	<0.005	NA
U-A	8/4/1993	19.5-21	<1	NA	NA	NA	<0.005	**0.025**	<0.005	<0.005	NA
U-A	8/4/1993	29.5-31	**53**	NA	NA	NA	**0.8**	**0.62**	**1.5**	**5.3**	NA
U-B	8/4/1993	9.5-11	<1	NA	NA	NA	<0.005	**0.09**	<0.005	<0.005	NA
U-B	8/4/1993	19.5-21	<1	NA	NA	NA	<0.005	**0.16**	<0.005	<0.005	NA
U-B	8/4/1993	29.5-31	<1	NA	NA	NA	<0.005	**0.14**	<0.005	<0.005	NA
U-C	8/4/1993	9.5-11	<1	NA	NA	NA	<0.005	**0.026**	<0.005	<0.005	NA
U-C	8/4/1993	19.5-21	<1	NA	NA	NA	<0.005	**0.082**	<0.005	<0.005	NA
U-C	8/4/1993	29.5-31	**200**	NA	NA	NA	**0.78**	**13**	**4.2**	**20**	NA
U-D	8/4/1993	9.5-11	<1	NA	NA	NA	<0.005	**0.049**	<0.005	<0.005	NA
U-D	8/4/1993	19.5-21	<1	NA	NA	NA	<0.005	**0.13**	<0.005	<0.005	NA
U-D	8/4/1993	29.5-31	<1	NA	NA	NA	<0.005	**0.01**	<0.005	<0.005	NA
U-E	8/4/1993	9.5-11	<1	NA	NA	NA	<0.005	**0.077**	<0.005	<0.005	NA
U-E	8/4/1993	19.5-21	<1	NA	NA	NA	<0.005	**0.18**	<0.005	<0.005	NA
U-E	8/4/1993	29.5-31	<1	NA	NA	NA	<0.005	**0.028**	<0.005	<0.005	NA
U-2	8/5/1993	9.5-11	<1	NA	NA	NA	<0.005	**0.041**	<0.005	<0.005	NA
U-2	8/5/1993	19.5-21	<1	NA	NA	NA	<0.005	**0.1**	<0.005	<0.005	NA
U-2	8/5/1993	29.5-31	<1	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	NA
U-3	8/5/1993	9.5-11	<1	NA	NA	NA	<0.005	**0.04**	<0.005	<0.005	NA
U-3	8/5/1993	19.5-21	<1	NA	NA	NA	<0.005	**0.059**	<0.005	<0.005	NA
U-3	8/5/1993	29.5-31	<1	NA	NA	NA	**0.006**	**0.007**	**0.034**	<0.005	NA
U-1	8/5/1993	9.5-11	<1	NA	<1	<50	<0.005	**0.079**	<0.005	<0.005	NA
U-1	8/5/1993	19.5-21	<1	NA	NA	NA	<0.005	**0.2**	<0.005	<0.005	NA
U-1	8/5/1993	29.5-31	<1	NA	NA	NA	<0.005	**0.029**	<0.005	<0.005	NA
U-4	2/21/1995	5-5.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-4	2/21/1995	15-15.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-4	2/21/1995	25-25.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-4	2/21/1995	30-30.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-4	2/21/1995	35-35.5	NA	<1	**1.2**	NA	<0.005	<0.005	<0.005	<0.005	NA
U-5	2/21/1995	5-5.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-5	2/21/1995	15-15.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-5	2/21/1995	25-25.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-5	2/21/1995	30-30.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-5	2/21/1995	35-35.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-6	2/21/1995	5-5.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-6	2/21/1995	15-15.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-6	2/21/1995	20-20.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-6	2/21/1995	25-25.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-6	2/21/1995	30-30.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-6	2/21/1995	35-35.5	NA	**100**	**2**	NA	**0.088**	**0.36**	**1.7**	**2.4**	NA
U-7	2/22/1995	5-5.5	NA	<1	**27**	NA	<0.005	<0.005	<0.005	<0.005	NA
U-7	2/22/1995	15-15.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	**0.009**	NA
U-7	2/22/1995	20-20.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-7	2/22/1995	25-25.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-7	2/22/1995	30-30.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
U-7	2/22/1995	35-35.5	NA	<1	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
B-1	7/22/1997	10-10.5	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
B-1	7/22/1997	30-30.5	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
B-2	7/22/1997	10-12.0	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
B-2	7/22/1997	30-32	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
B-3	7/22/1997	10-12.0	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
B-3	7/22/1997	30-32	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
D-1	7/31/1998	3	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
D-2	7/31/1998	3.5	NA	**4.1**	NA	NA	<0.005	<0.005	<0.005	<0.005	**0.26**
D-3	7/31/1998	3	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
D-4	7/31/1998	3	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
WO-1	7/31/1998	8.5	NA	**500**	**2800**	NA	**1.4**	**33**	**9.8**	**54**	**20**
WO-2	7/31/1998	10	NA	**150**	**930**	NA	**1.7**	**10**	**2.7**	**16**	**6.5**
SP-A	8/5/1993	comp	<1	NA	NA	NA	<0.005	**0.12**	<0.005	<0.005	NA
SP-1	7/31/1998	comp	NA	<1	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.025
SP-2	7/31/1998	comp	NA	**1500**	**2100**	NA	**17**	**140**	**32**	**180**	**110**

Notes:

TPHd= total petroleum hydrocarbons as diesel by EPA Method 8015M
TPPH = total purgeable petroleum hydrocarbons by EPA Method 8260B
TPHoil = total petroleum hydrocarbons as oil and grease by EPA Method 5520
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 26, 2008

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TED MOISE

SITE: 76 STATION 5430
1935 WASHINGTON 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 5430, located at 1935 Washington Blvd., 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 (1 copy)

Enclosures
20-0400/5430R12.QMS

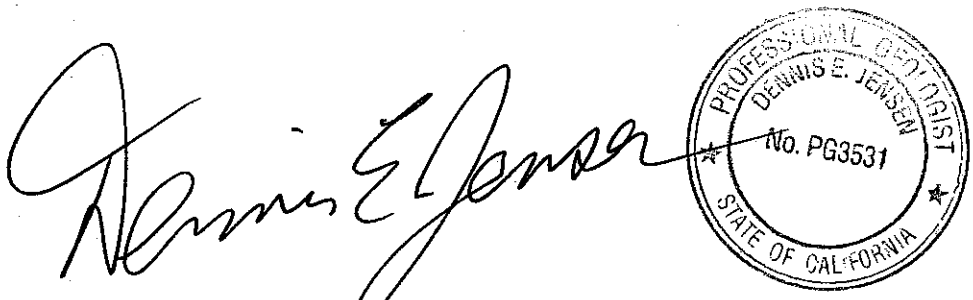
SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2008

76 STATION 5430
1935 Washington Avenue
San Leandro, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 9/23/08

LIST OF ATTACHMENTS	
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Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 1b: Additional Current Analytical Results Table 1c: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results Table 2c: Additional Historic Analytical Results Table 2d: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G 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 Statement of Non-Completion – 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
April 2008 through September 2008
76 Station 5430
1935 Washington 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: **6** onsite, **1** offsite
Points gauged: **6** Points sampled: **6**
Purging method: **Bailer**
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: **31.4 feet** Maximum: **32.8 feet**
Average groundwater elevation (relative to available local datum): **25.88 feet**
Average change in groundwater elevation since previous event: **-1.98 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.04 ft/ft, south**
Previous event: **0.005 ft/ft, south (01/10/08)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **0** Sample Points above MCL (1.0 µg/l): --
Maximum reported benzene concentration: --

Sample Points with **TPH-G by GC/MS** **2** Maximum: **1,000 µg/l (U-6)**
Sample Points with **MTBE 8260B** **3** Maximum: **1.2 µg/l (U-6)**

Notes:

U-5=Paved over

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
ug/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 5430 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 5430

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)
Table 1a	Well/ Date	1,2-DCA (EDC)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene
Table 1b	Well/ Date	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloro-ethene (PCE)
Table 1c	Well/ Date	Trichloro-trifluoro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride						

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	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form	Bromo-methane
Table 2b	Well/ Date	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	2-Chloroethyl vinyl ether	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA
Table 2c	Well/ Date	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloro-ethene (PCE)	Trichloro-trifluoro-ethane	1,2,4-Trichloro-benzene	1,1,1-Trichloro-ethane
Table 2d	Well/ Date	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride								

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 2, 2008

76 Station 5430

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
U-1			**(Screen Interval in feet: 20.0-40.0)**											
09/02/08	58.45	32.80	0.00	25.65	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-2			**(Screen Interval in feet: 20.0-40.0)**											
09/02/08	57.63	31.70	0.00	25.93	-2.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.66	
U-3			**(Screen Interval in feet: 20.0-40.0)**											
09/02/08	57.59	31.65	0.00	25.94	-2.00	--	400	ND<0.50	ND<0.50	0.77	ND<1.0	--	0.76	
U-4			**(Screen Interval in feet: 25.0-40.0)**											
09/02/08	57.74	31.87	0.00	25.87	-2.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-5			**(Screen Interval in feet: 25.0-40.0)**											
09/02/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
U-6			**(Screen Interval in feet: 25.0-40.0)**											
09/02/08	58.13	32.30	0.00	25.83	-1.80	--	1000	ND<0.50	ND<0.50	1.9	ND<1.0	--	1.2	
U-7			**(Screen Interval in feet: 25.0-40.0)**											
09/02/08	57.45	31.40	0.00	26.05	-2.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

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Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,2-DCA (EDC) (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)
U-1												
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3												
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-7												
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	0.66	ND<0.50	ND<0.50	ND<0.50	ND<0.50

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Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)
U-1												
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
U-3												
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
U-7												
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50

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Table 1 c
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5430

	Date Sampled	Trichloro-trifluoro-ethane (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	Vinyl chloride (µg/l)
U-1	09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3	09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-7	09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-1			**(Screen Interval in feet: 20.0-40.0)**											
08/13/93	56.58	31.60	0.00	24.98	--	310	--	0.84	ND	2.6	1.0	--	--	
09/07/93	56.58	31.60	0.00	24.98	0.00	--	--	--	--	--	--	--	--	
12/16/93	56.10	33.19	0.00	22.91	-2.07	ND	--	ND	ND	ND	ND	--	--	
01/13/94	56.10	33.06	0.00	23.04	0.13	--	--	--	--	--	--	--	--	
02/09/94	56.10	32.70	0.00	23.40	0.36	--	--	--	--	--	--	--	--	
03/25/94	56.10	31.07	0.00	25.03	1.63	58	--	0.63	0.79	ND	0.65	--	--	
05/18/94	56.10	31.76	0.00	24.34	-0.69	--	--	--	--	--	--	--	--	
06/19/94	56.10	32.26	0.00	23.84	-0.50	51	--	ND	1.4	ND	2.7	--	--	
07/27/94	56.10	33.07	0.00	23.03	-0.81	--	--	--	--	--	--	--	--	
08/18/94	56.10	33.50	0.00	22.60	-0.43	--	--	--	--	--	--	--	--	
09/15/94	56.10	33.93	0.00	22.17	-0.43	ND	--	0.5	0.85	ND	0.77	--	--	
10/11/94	56.10	33.25	0.00	22.85	0.68	--	--	--	--	--	--	--	--	
11/08/94	56.10	34.05	0.00	22.05	-0.80	--	--	--	--	--	--	--	--	
12/06/94	56.10	32.37	0.00	23.73	1.68	ND	--	ND	ND	ND	ND	--	--	
01/10/95	56.10	31.29	0.00	24.81	1.08	--	--	--	--	--	--	--	--	
03/14/95	56.09	27.86	0.00	28.23	3.42	380	--	20	ND	ND	10	--	--	
06/20/95	56.09	28.20	0.00	27.89	-0.34	500	--	50	ND	ND	4.4	--	--	
09/18/95	56.09	30.65	0.00	25.44	-2.45	57	--	1.2	0.75	0.57	2.2	--	--	
12/14/95	56.09	32.20	0.00	23.89	-1.55	ND	--	0.72	1.4	1.2	3.6	--	--	
03/06/96	56.09	26.53	0.00	29.56	5.67	96	--	4.5	ND	ND	3.7	ND	--	
06/04/96	56.09	27.43	0.00	28.66	-0.90	410	--	48	ND	3.4	7.9	ND	--	
09/06/96	56.09	30.25	0.00	25.84	-2.82	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-1 continued														
03/08/97	56.09	26.03	0.00	30.06	4.22	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	56.09	31.56	0.00	24.53	-5.53	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	56.09	20.63	0.00	35.46	10.93	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	56.09	27.82	0.00	28.27	-7.19	ND	--	0.59	ND	ND	ND	3.1	--	
03/02/99	56.09	26.83	0.00	29.26	0.99	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	56.09	28.03	0.00	28.06	-1.20	ND	--	ND	ND	ND	ND	ND	--	
03/09/00	56.09	25.50	0.00	30.59	2.53	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	56.09	28.16	0.00	27.93	-2.66	ND	--	ND	0.592	ND	ND	ND	--	
03/26/01	56.09	27.02	0.00	29.07	1.14	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	56.09	31.67	0.00	24.42	-4.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	56.09	28.81	0.00	27.28	2.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	56.09	31.25	0.00	24.84	-2.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	56.09	29.10	0.00	26.99	2.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	56.09	32.10	0.00	23.99	-3.00	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	56.09	28.88	0.00	27.21	3.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
09/16/04	56.09	32.34	0.00	23.75	-3.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
03/03/05	56.09	28.10	0.00	27.99	4.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/21/05	56.09	30.10	0.00	25.99	-2.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	56.09	25.72	0.00	30.37	4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	56.09	29.13	0.00	26.96	-3.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.91	
03/09/07	58.45	28.98	0.00	29.47	2.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	58.45	31.00	0.00	27.45	-2.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	58.45	30.96	0.00	27.49	0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through September 2008
76 Station 5430

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
U-1 continued														
09/02/08	58.45	32.80	0.00	25.65	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-2			**(Screen Interval in feet: 20.0-40.0)**											
08/13/93	55.77	30.87	0.00	24.90	--	1400	--	ND	ND	ND	ND	--	--	
09/07/93	55.77	30.87	0.00	24.90	0.00	--	--	--	--	--	--	--	--	
12/16/93	55.27	32.19	0.00	23.08	-1.82	330	--	1.7	--	11	8.5	--	--	
01/13/94	55.27	32.13	0.00	23.14	0.06	--	--	--	--	--	--	--	--	
02/09/94	55.27	33.50	0.00	21.77	-1.37	--	--	--	--	--	--	--	--	
03/25/94	55.27	30.09	0.00	25.18	3.41	130	--	0.7	0.78	0.65	0.64	--	--	
05/18/94	55.27	30.73	0.00	24.54	-0.64	--	--	--	--	--	--	--	--	
06/19/94	55.27	31.31	0.00	23.96	-0.58	180	--	ND	ND	ND	0.86	--	--	
07/27/94	55.27	32.12	0.00	23.15	-0.81	--	--	--	--	--	--	--	--	
08/18/94	55.27	32.50	0.00	22.77	-0.38	--	--	--	--	--	--	--	--	
09/15/94	55.27	33.00	0.00	22.27	-0.50	1000	--	44	ND	ND	ND	--	--	
10/11/94	55.27	32.35	0.00	22.92	0.65	--	--	--	--	--	--	--	--	
11/08/94	55.27	33.09	0.00	22.18	-0.74	--	--	--	--	--	--	--	--	
12/06/94	55.27	31.44	0.00	23.83	1.65	250	--	19	ND	ND	ND	--	--	
01/10/95	55.27	30.25	0.00	25.02	1.19	--	--	--	--	--	--	--	--	
03/14/95	55.29	26.36	0.00	28.93	3.91	89	--	ND	ND	ND	1.2	--	--	
06/20/95	55.29	26.74	0.00	28.55	-0.38	ND	--	ND	0.58	ND	1.7	--	--	
09/18/95	55.29	29.65	0.00	25.64	-2.91	ND	--	ND	ND	ND	0.85	--	--	
12/14/95	55.29	31.10	0.00	24.19	-1.45	ND	--	ND	0.89	ND	2	--	--	
03/06/96	55.29	25.17	0.00	30.12	5.93	ND	--	ND	ND	ND	ND	80	--	
06/04/96	55.29	26.03	0.00	29.26	-0.86	ND	--	ND	ND	ND	ND	110	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-2 continued														
09/06/96	55.29	29.18	0.00	26.11	-3.15	ND	--	ND	ND	ND	ND	--	--	
03/08/97	55.29	24.64	0.00	30.65	4.54	ND	--	ND	ND	ND	ND	42	--	
09/04/97	55.29	30.59	0.00	24.70	-5.95	ND	--	ND	ND	ND	ND	46	--	
03/09/98	55.29	19.22	0.00	36.07	11.37	ND	--	ND	ND	ND	ND	4.4	--	
09/01/98	55.29	26.40	0.00	28.89	-7.18	ND	--	ND	ND	ND	ND	25	--	
03/02/99	55.29	25.48	0.00	29.81	0.92	ND	--	ND	ND	ND	ND	16	--	
09/07/99	55.29	26.51	0.00	28.78	-1.03	ND	--	ND	ND	ND	ND	20	--	
03/09/00	55.29	23.95	0.00	31.34	2.56	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	55.29	26.75	0.00	28.54	-2.80	ND	--	ND	0.635	ND	ND	ND	--	
03/26/01	55.29	25.64	0.00	29.65	1.11	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.29	30.47	0.00	24.82	-4.83	ND<50	--	ND<0.50	0.69	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.29	27.29	0.00	28.00	3.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.29	30.06	0.00	25.23	-2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
03/18/03	55.29	27.71	0.00	27.58	2.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
09/26/03	55.29	30.73	0.00	24.56	-3.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.29	27.38	0.00	27.91	3.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
09/16/04	55.29	31.19	0.00	24.10	-3.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
03/03/05	55.29	26.48	0.00	28.81	4.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/22/05	55.29	28.95	0.00	26.34	-2.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
03/25/06	55.29	24.39	0.00	30.90	4.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.60	
09/25/06	55.29	27.89	0.00	27.40	-3.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.3	
03/09/07	57.63	27.56	0.00	30.07	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.63	29.79	0.00	27.84	-2.23	--	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

August 1993 Through September 2008

76 Station 5430

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
U-2 continued														
01/10/08	57.63	29.60	0.00	28.03	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.68	
09/02/08	57.63	31.70	0.00	25.93	-2.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.66	
U-3			**(Screen Interval in feet: 20.0-40.0)**											
08/13/93	55.66	30.70	0.00	24.96	--	23000	--	1000	ND	1700	1600	--	--	
09/07/93	55.66	30.70	0.00	24.96	0.00	--	--	--	--	--	--	--	--	
12/16/93	55.24	32.08	0.00	23.16	-1.80	15000	--	570	ND	940	ND	--	--	
01/13/94	55.24	31.98	0.00	23.26	0.10	--	--	--	--	--	--	--	--	
02/09/94	55.24	33.82	0.00	21.42	-1.84	--	--	--	--	--	--	--	--	
03/25/94	55.24	30.03	0.00	25.21	3.79	18000	--	560	40	1000	770	--	--	
05/18/94	55.24	30.66	0.00	24.58	-0.63	--	--	--	--	--	--	--	--	
06/19/94	55.24	31.19	0.00	24.05	-0.53	17000	--	580	ND	1300	ND	--	--	
07/27/94	55.24	31.98	0.00	23.26	-0.79	--	--	--	--	--	--	--	--	
08/18/94	55.24	32.39	0.00	22.85	-0.41	--	--	--	--	--	--	--	--	
09/15/94	55.24	32.84	0.00	22.40	-0.45	12000	--	370	--	970	610	--	--	
10/11/94	55.24	32.20	0.00	23.04	0.64	--	--	--	--	--	--	--	--	
11/08/94	55.24	33.01	0.00	22.23	-0.81	--	--	--	--	--	--	--	--	
12/06/94	55.24	31.34	0.00	23.90	1.67	17000	--	390	ND	990	560	--	--	
01/10/95	55.24	30.23	0.00	25.01	1.11	--	--	--	--	--	--	--	--	
03/14/95	55.23	25.44	0.00	29.79	4.78	13000	--	860	120	1300	1700	--	--	
06/20/95	55.23	26.70	0.00	28.53	-1.26	9800	--	590	ND	800	1000	--	--	
09/18/95	55.23	29.55	0.00	25.68	-2.85	9800	--	600	ND	1000	760	--	--	
12/14/95	55.23	31.02	0.00	24.21	-1.47	10000	--	520	ND	920	630	--	--	
03/06/96	55.23	25.25	0.00	29.98	5.77	19000	--	1400	ND	1800	3000	73	--	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through September 2008
76 Station 5430

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
U-3 continued														
06/04/96	55.23	26.00	0.00	29.23	-0.75	8800	--	510	ND	600	830	ND	--	
09/06/96	55.23	29.06	0.00	26.17	-3.06	15000	--	360	20	540	450	ND	--	
03/08/97	55.23	24.65	0.00	30.58	4.41	3500	--	310	ND	230	630	ND	--	
09/04/97	55.23	30.44	0.00	24.79	-5.79	700	--	27	ND	48	34	ND	--	
03/09/98	55.23	19.20	0.00	36.03	11.24	410	--	22	1.2	ND	6.1	24	--	
09/01/98	55.23	26.33	0.00	28.90	-7.13	ND	--	ND	ND	ND	ND	6.1	--	
03/02/99	55.23	25.50	0.00	29.73	0.83	2100	--	110	2.6	ND	240	39	--	
09/07/99	55.23	27.63	0.00	27.60	-2.13	2400	--	67	ND	150	150	ND	--	
03/09/00	55.23	24.05	0.00	31.18	3.58	3250	--	143	ND	59	326	ND	--	
09/11/00	55.23	27.83	0.00	27.40	-3.78	ND	--	ND	ND	ND	ND	ND	--	
03/26/01	55.23	25.75	0.00	29.48	2.08	ND	--	ND	ND	ND	--	ND	--	
09/04/01	55.23	30.41	0.00	24.82	-4.66	5400	--	110	ND<10	800	220	ND<100	--	
03/18/02	55.23	27.35	0.00	27.88	3.06	ND<50	--	ND<0.50	ND<0.50	0.55	1.2	ND<5.0	--	
08/30/02	55.23	30.01	0.00	25.22	-2.66	--	4400	55	ND<2.5	610	140	--	ND<10	
03/18/03	55.23	27.69	0.00	27.54	2.32	--	ND<50	1.2	ND<0.50	7.9	4.3	--	ND<2.0	
09/26/03	55.23	30.62	0.00	24.61	-2.93	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.23	27.34	0.00	27.89	3.28	--	3000	39	ND<2.5	490	220	--	ND<2.5	
09/16/04	55.23	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
03/03/05	55.23	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/22/05	55.23	28.87	0.00	26.36	--	--	1600	6.6	ND<0.50	110	8.9	--	0.76	
03/25/06	55.23	24.25	0.00	30.98	4.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	55.23	27.81	0.00	27.42	-3.56	--	330	1.6	ND<0.50	37	2.6	--	ND<0.50	
03/09/07	57.59	27.61	0.00	29.98	2.56	--	1100	6.2	ND<0.50	61	17	--	0.65	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-3 continued														
07/03/07	57.59	29.74	0.00	27.85	-2.13	--	1300	3.7	ND<0.50	6.1	ND<0.50	--	0.69	
01/10/08	57.59	29.65	0.00	27.94	0.09	--	920	3.5	ND<0.50	22	2.4	--	0.96	
09/02/08	57.59	31.65	0.00	25.94	-2.00	--	400	ND<0.50	ND<0.50	0.77	ND<1.0	--	0.76	
U-4			**(Screen Interval in feet: 25.0-40.0)**											
03/14/95	55.39	26.52	0.00	28.87	--	490	--	3.2	2.1	0.79	1.2	--	--	
06/20/95	55.39	26.90	0.00	28.49	-0.38	--	--	--	--	--	1.5	--	--	
09/18/95	55.39	29.79	0.00	25.60	-2.89	--	--	--	--	--	--	--	--	
12/14/95	55.39	31.23	0.00	24.16	-1.44	--	--	--	0.59	--	0.79	--	--	
03/06/96	55.39	25.30	0.00	30.09	5.93	ND	--	ND	ND	ND	0.62	50	--	
06/04/96	55.39	26.19	0.00	29.20	-0.89	ND	--	ND	ND	ND	ND	290	--	
09/06/96	55.39	29.32	0.00	26.07	-3.13	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	55.39	24.79	0.00	30.60	4.53	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	55.39	30.71	0.00	24.68	-5.92	ND	--	ND	ND	ND	ND	18	--	
03/09/98	55.39	19.37	0.00	36.02	11.34	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	55.39	26.56	0.00	28.83	-7.19	ND	--	ND	ND	ND	ND	ND	--	
03/02/99	55.39	25.62	0.00	29.77	0.94	110	--	0.89	0.53	ND	0.79	4.9	--	
09/07/99	55.39	26.82	0.00	28.57	-1.20	ND	--	ND	ND	ND	ND	3.0	--	
03/09/00	55.39	24.07	0.00	31.32	2.75	ND	--	ND	0.615	ND	1.05	ND	--	
09/11/00	55.39	26.48	0.00	28.91	-2.41	ND	--	ND	0.686	ND	ND	ND	--	
03/26/01	55.39	25.69	0.00	29.70	0.79	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.39	30.60	0.00	24.79	-4.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.39	27.45	0.00	27.94	3.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.39	30.19	0.00	25.20	-2.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-4 continued														
03/18/03	55.39	27.85	0.00	27.54	2.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	55.39	30.86	0.00	24.53	-3.01	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.39	27.52	0.00	27.87	3.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	55.39	31.31	0.00	24.08	-3.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/03/05	55.39	26.63	0.00	28.76	4.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/21/05	55.39	29.03	0.00	26.36	-2.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	55.39	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - Area flooded
09/25/06	55.39	28.02	0.00	27.37	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/09/07	57.74	27.69	0.00	30.05	2.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.74	29.91	0.00	27.83	-2.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	57.74	29.73	0.00	28.01	0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.74	31.87	0.00	25.87	-2.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-5			**(Screen Interval in feet: 25.0-40.0)**											
03/14/95	54.18	25.20	0.00	28.98	--	ND	--	ND	ND	ND	1.2	--	--	
06/20/95	54.18	25.60	0.00	28.58	-0.40	ND	--	ND	ND	ND	1.6	--	--	
09/18/95	54.18	28.55	0.00	25.63	-2.95	ND	--	ND	ND	ND	0.66	--	--	
12/14/95	54.18	29.94	0.00	24.24	-1.39	ND	--	ND	ND	ND	ND	--	--	
03/06/96	54.18	24.03	0.00	30.15	5.91	ND	--	ND	ND	ND	ND	ND	--	
06/04/96	54.18	24.91	0.00	29.27	-0.88	ND	--	ND	ND	ND	ND	ND	--	
09/06/96	54.18	28.06	0.00	26.12	-3.15	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	54.18	23.49	0.00	30.69	4.57	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	54.18	29.46	0.00	24.72	-5.97	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	54.18	18.10	0.00	36.08	11.36	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-5 continued														
09/01/98	54.18	25.27	0.00	28.91	-7.17	ND	--	ND	ND	ND	ND	ND	--	
03/02/99	54.18	24.35	0.00	29.83	0.92	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	54.18	26.39	0.00	27.79	-2.04	ND	--	ND	ND	ND	ND	ND	--	
03/09/00	54.18	22.81	0.00	31.37	3.58	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	54.18	25.36	0.00	28.82	-2.55	ND	--	ND	0.64	ND	ND	ND	--	
03/26/01	54.18	24.55	0.00	29.63	0.81	--	--	--	ND	ND	ND	ND	--	
09/04/01	54.18	29.34	0.00	24.84	-4.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	54.18	26.16	0.00	28.02	3.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	54.18	28.94	0.00	25.24	-2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	54.18	26.58	0.00	27.60	2.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	54.18	29.60	0.00	24.58	-3.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	54.18	26.23	0.00	27.95	3.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
03/03/05	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/22/05	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Planter Covering Well
03/25/06	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
09/25/06	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/09/07	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
07/03/07	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
01/10/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/02/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
U-6			**(Screen Interval in feet: 25.0-40.0)**											
03/14/95	55.36	26.94	0.00	28.42	--	14000	--	170	36	790	1500	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-6 continued														
06/20/95	55.36	27.15	0.00	28.21	-0.21	8500	--	170	11	950	1300	--	--	
09/18/95	55.36	29.95	0.00	25.41	-2.80	9500	--	260	ND	1400	1800	--	--	
12/14/95	55.36	31.32	0.00	24.04	-1.37	15000	--	240	ND	1400	1700	--	--	
03/06/96	55.36	25.71	0.00	29.65	5.61	2400	--	54	ND	170	250	--	--	
06/04/96	55.36	26.52	0.00	28.84	-0.81	4600	--	83	ND	400	520	46	--	
09/06/96	55.36	29.41	0.00	25.95	-2.89	12000	--	180	6.4	690	600	95	--	
03/08/97	55.36	25.25	0.00	30.11	4.16	2000	--	180	ND	96	290	--	--	
09/04/97	55.36	30.75	0.00	24.61	-5.50	680	--	17	ND	52	39	--	--	
03/09/98	55.36	19.84	0.00	35.52	10.91	690	--	41	8.5	3.2	140	16	--	
09/01/98	55.36	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/02/99	55.36	25.95	0.00	29.41	--	3900	--	240	ND	650	430	45	--	
09/07/99	55.36	28.19	0.00	27.17	-2.24	320	--	14	ND	5.2	ND	10	--	
03/09/00	55.36	24.64	0.00	30.72	3.55	4980	--	193	ND	520	365	ND	--	
09/11/00	55.36	28.35	0.00	27.01	-3.71	538	--	22.8	ND	13.8	3.11	ND	--	
10/13/00	55.36	29.67	0.00	25.69	-1.32	--	--	--	--	--	--	--	ND	
03/26/01	55.36	26.88	0.00	28.48	2.79	16400	--	412	ND	2010	1010	ND	--	
09/04/01	55.36	30.81	0.00	24.55	-3.93	8000	--	200	ND<25	1100	250	ND<250	--	
03/18/02	55.36	27.87	0.00	27.49	2.94	3900	--	96	ND<10	590	210	ND<100	--	
08/30/02	55.36	30.40	0.00	24.96	-2.53	--	7900	120	ND<5.0	1000	91	--	ND<20	
03/18/03	55.36	28.19	0.00	27.17	2.21	--	1800	30	ND<2.5	270	47	--	ND<10	
09/26/03	55.36	31.15	0.00	24.21	-2.96	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.36	27.93	0.00	27.43	3.22	--	3200	25	ND<2.5	420	95	--	ND<2.5	
09/16/04	55.36	31.50	0.00	23.86	-3.57	--	3600	14	ND<2.5	310	35	--	ND<2.5	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-6 continued														
03/03/05	55.36	27.16	0.00	28.20	4.34	1100	--	5.8	1.2	170	12	--	ND<2.5	
09/22/05	--	29.64	0.00	--	--	--	3200	4.0	ND<0.50	160	3.6	--	1.1	Casing elevation modified on 5/9/05
03/25/06	--	25.32	0.00	--	--	--	220	0.59	ND<0.50	ND<0.50	ND<1.0	--	0.99	
09/25/06	--	28.61	0.00	--	--	--	960	0.56	ND<0.50	41	0.75	--	1.4	
03/09/07	58.13	28.46	0.00	29.67	--	--	1100	0.56	ND<0.50	25	1.1	--	1.1	
07/03/07	58.13	30.53	0.00	27.60	-2.07	--	730	ND<0.50	ND<0.50	7.3	ND<0.50	--	1.3	
01/10/08	58.13	30.50	0.00	27.63	0.03	--	1300	ND<0.50	ND<0.50	7.0	ND<1.0	--	1.3	
09/02/08	58.13	32.30	0.00	25.83	-1.80	--	1000	ND<0.50	ND<0.50	1.9	ND<1.0	--	1.2	
U-7			**(Screen Interval in feet: 25.0-40.0)**											
03/14/95	55.05	26.13	0.00	28.92	--	ND	--	ND	ND	ND	ND	--	--	
06/20/95	55.05	26.38	0.00	28.67	-0.25	ND	--	ND	ND	ND	ND	--	--	
09/18/95	55.05	29.21	0.00	25.84	-2.83	ND	--	ND	ND	ND	ND	--	--	
12/14/95	55.05	30.75	0.00	24.30	-1.54	ND	--	ND	ND	ND	0.88	--	--	
03/06/96	55.05	25.10	0.00	29.95	5.65	ND	--	ND	ND	ND	ND	ND	--	
06/04/96	55.05	25.67	0.00	29.38	-0.57	ND	--	ND	ND	ND	ND	ND	--	
09/06/96	55.05	28.75	0.00	26.30	-3.08	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	55.05	24.33	0.00	30.72	4.42	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	55.05	30.16	0.00	24.89	-5.83	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	55.05	18.91	0.00	36.14	11.25	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	55.05	26.04	0.00	29.01	-7.13	88	--	ND	ND	ND	ND	2.9	--	
03/02/99	55.05	25.30	0.00	29.75	0.74	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	55.05	27.27	0.00	27.78	-1.97	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2008

76 Station 5430

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
U-7 continued														
03/09/00	55.05	23.76	0.00	31.29	3.51	ND	--	ND	ND	ND	1.09	ND	--	
09/11/00	55.05	27.19	0.00	27.86	-3.43	ND	--	ND	ND	ND	ND	ND	--	
03/26/01	55.05	25.61	0.00	29.44	1.58	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.05	30.10	0.00	24.95	-4.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.05	27.03	0.00	28.02	3.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.05	29.69	0.00	25.36	-2.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	55.05	27.39	0.00	27.66	2.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	55.05	30.40	0.00	24.65	-3.01	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.05	27.09	0.00	27.96	3.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	55.05	30.83	0.00	24.22	-3.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/03/05	55.05	26.26	0.00	28.79	4.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/21/05	55.05	28.53	0.00	26.52	-2.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	55.05	24.91	0.00	30.14	3.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	55.05	27.50	0.00	27.55	-2.59	--	74	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/09/07	57.45	27.28	0.00	30.17	2.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.45	29.43	0.00	28.02	-2.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	57.45	29.39	0.00	28.06	0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.45	31.40	0.00	26.05	-2.01	--	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 5430

Date Sampled	TPH-D (µg/l)	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)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
U-1												
08/13/93	50	--	--	--	--	--	--	--	--	--	--	--
12/16/93	130	--	--	--	--	--	--	--	--	--	--	--
03/25/94	57	--	--	--	--	--	--	--	--	--	--	--
06/19/94	61	--	--	--	7.4	--	--	--	--	--	--	--
09/15/94	83	--	--	--	9.5	--	--	--	--	--	--	--
12/06/94	--	--	--	--	5.8	--	--	--	--	--	--	--
03/14/95	71	--	--	--	--	--	--	--	--	--	--	--
06/20/95	170	--	--	--	--	--	--	--	--	--	--	--
09/18/95	72	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	3.8	--	--	--	--	--	--	--
06/04/96	170	--	--	--	--	--	--	--	--	--	--	--
03/08/97	--	--	--	--	43	--	--	--	--	--	--	--
09/04/97	--	--	--	--	4.5	--	--	--	--	--	--	--
09/01/98	--	--	--	--	8.9	--	--	--	--	--	--	--
03/02/99	--	--	--	--	4.5	--	--	--	--	--	--	--
03/09/00	--	--	--	--	1.32	--	--	--	--	--	--	--
09/11/00	--	--	--	--	--	--	--	--	--	3.58	--	--
03/26/01	--	--	--	--	2.50	--	--	--	--	--	--	--
09/04/01	--	--	--	--	2.4	--	--	--	--	--	--	--
03/18/02	--	--	--	--	4.4	--	--	--	--	--	--	--
08/30/02	--	--	--	--	1.2	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	2.6	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	1.6	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
09/16/04	--	--	--	--	1.3	--	--	--	--	ND<0.50	ND<2.0	ND<1.0

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	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)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
U-1 continued												
03/03/05	--	--	--	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0
09/21/05	--	--	--	--	0.71	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	0.96	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
U-2												
03/25/94	--	--	--	--	11	--	--	--	--	--	--	--
06/19/94	--	--	--	--	0.54	--	--	--	--	--	--	--
09/15/94	--	--	--	--	0.66	--	--	--	--	--	--	--
08/30/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
U-3												
03/25/94	--	--	--	--	480	--	--	--	--	--	--	--
06/19/94	--	--	--	--	410	--	--	--	--	--	--	--
09/15/94	--	--	--	--	420	--	--	--	--	--	--	--
12/06/94	--	--	--	--	430	--	--	--	--	--	--	--
12/14/95	--	--	--	--	240	--	--	--	--	--	--	--
03/08/97	--	--	--	--	100	--	--	--	--	--	--	--
09/04/97	--	--	--	--	160	--	--	--	--	--	--	--
03/09/98	--	--	--	--	4.4	--	--	--	--	--	--	--
03/02/99	--	--	--	--	6.7	--	--	--	--	--	--	--
09/07/99	--	--	--	--	1.1	--	--	--	--	1.4	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	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)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
U-3 continued												
09/11/00	--	--	--	--	1.17	--	--	--	--	--	--	--
09/04/01	--	--	--	--	ND<5.0	--	--	--	--	--	--	--
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
08/30/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	ND<5.0	--	--	--	--	ND<5.0	ND<20	ND<10
09/22/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
U-4												
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
U-5												
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
U-6												
03/14/95	--	--	--	--	210	--	--	--	--	--	--	--
12/14/95	--	--	--	--	370	--	--	--	--	--	--	--
03/18/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--
U-7												
09/04/01	--	--	--	--	ND<0.50	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	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)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
U-7 continued												
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
08/30/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
09/16/04	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
03/03/05	--	--	--	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0
09/21/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-1												
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/06/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
03/08/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/01/98	--	--	--	--	--	--	--	ND	--	--	--	--
03/02/99	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/00	--	--	--	--	--	--	--	ND	--	--	--	--
09/11/00	--	--	--	--	75.2	--	--	--	--	--	--	--
03/26/01	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/01	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<2	--	--	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<2.0	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TRC

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-1 continued												
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-2												
03/25/94	--	--	--	--	--	--	--	ND	--	--	--	--
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
U-3												
03/25/94	--	--	--	--	--	--	--	ND	--	--	--	--
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/06/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
03/08/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/97	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/98	--	--	--	--	--	--	--	ND	--	--	--	--
03/02/99	--	--	--	--	--	--	--	ND	--	--	--	--
09/07/99	--	--	--	--	31	--	--	ND	--	--	--	--
09/11/00	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/01	--	--	--	--	--	--	--	ND<5.0	--	--	--	--
03/18/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<0.5	--	--	--	--
03/26/04	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0
09/22/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TRC

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-3 continued												
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-6												
03/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
U-7												
09/04/97	1.3	--	--	--	--	--	--	--	--	--	--	--
09/01/98	2.0	--	--	--	0.60	--	--	--	--	--	--	--
03/02/99	1.2	--	--	--	--	--	--	--	--	--	--	--
03/09/00	0.801	--	--	--	--	--	--	--	--	--	--	--
09/04/01	0.60	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/02	0.65	--	--	--	1.5	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<0.5	--	--	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	2.0	ND<0.50	ND<1.0	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<2.0	ND<50	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	3.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	22	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	15	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TRC

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-7 continued												
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	3.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	1.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	0.66	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)
U-1												
03/26/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
U-3												
03/26/04	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0
09/22/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
U-7												
03/26/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50

TRC

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloropropane (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloroethane (µg/l)	Tetrachloroethene (PCE) (µg/l)	Trichlorotrifluoroethane (µg/l)	1,2,4-Trichlorobenzene (µg/l)	1,1,1-Trichloroethane (µg/l)
U-7 continued												
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50

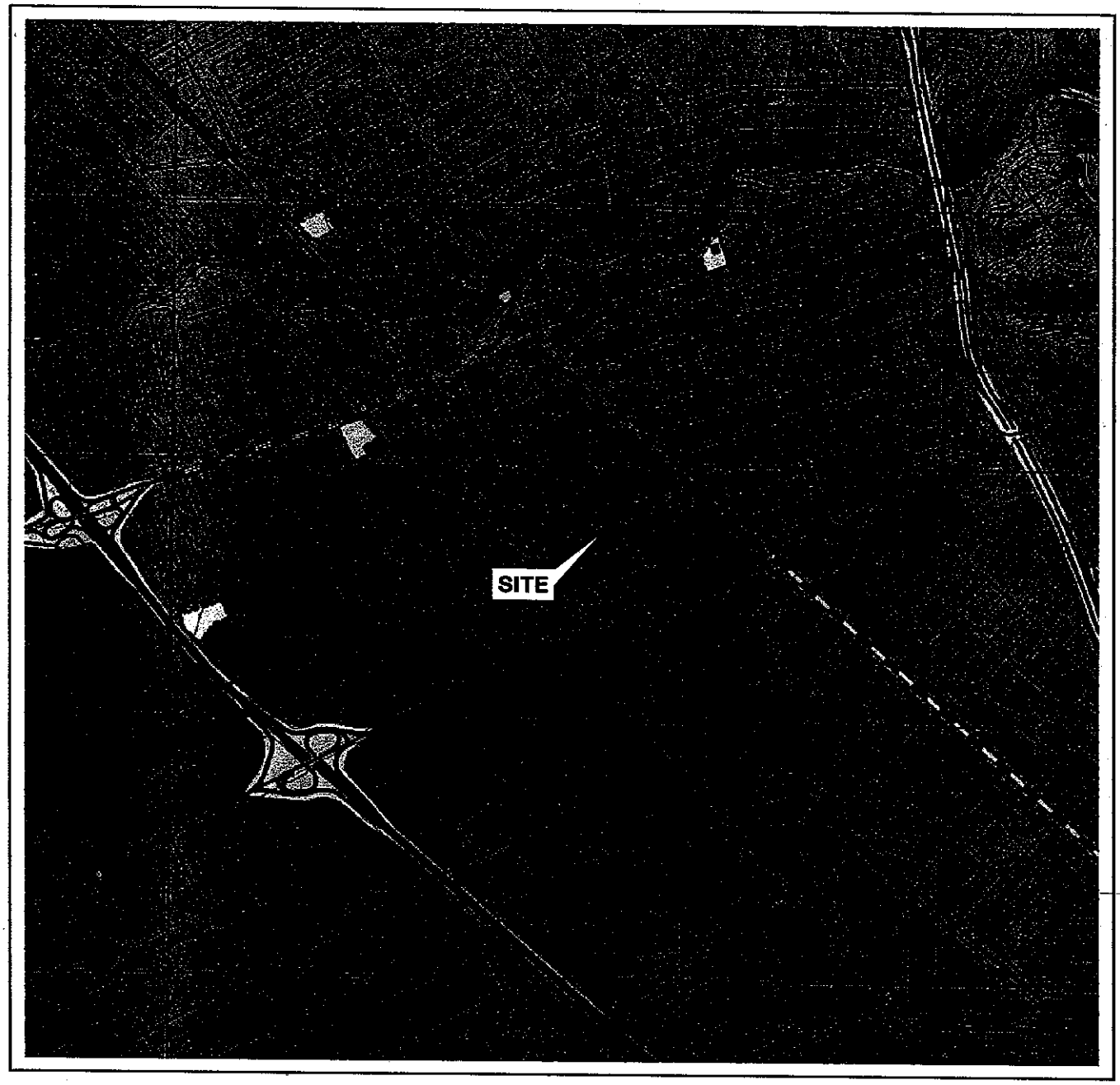
Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	Vinyl chloride (µg/l)
U-1				
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	--	--
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3				
03/26/04	ND<5.0	ND<5.0	ND<10	ND<5.0
09/22/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-7				
03/18/03	--	1.10	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	--	--

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	Vinyl chloride (µg/l)
U-7 continued				
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50

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 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

VICINITY MAP

FIGURE 1

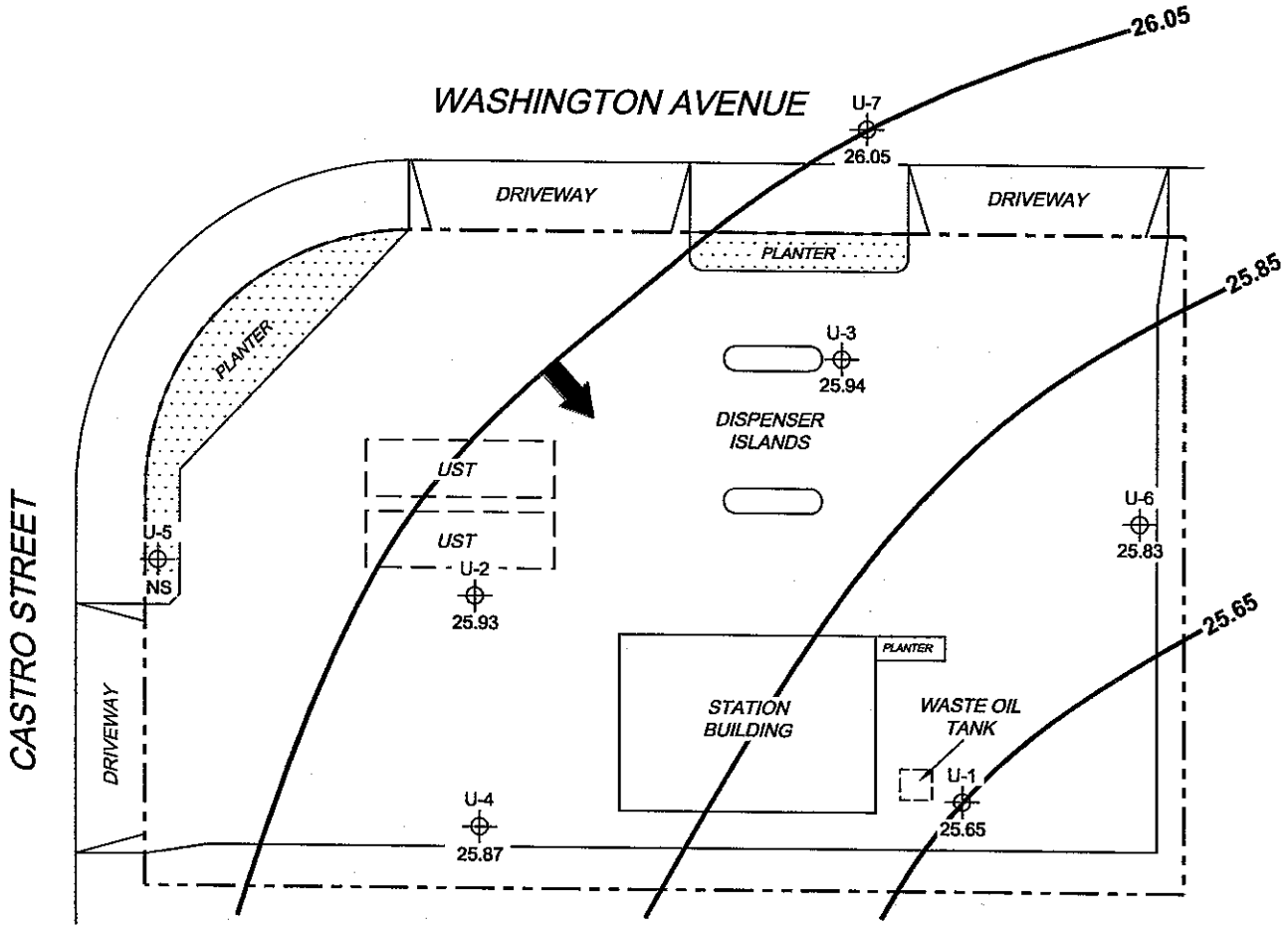
PS=1:1 L:\DQMS VICINITY MAP S5430vm.dwg Nov 16, 2007 - 7:20am cvuong

LEGEND

U-7 ⊕ Monitoring Well with Groundwater Elevation (feet)

26.05 — 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. NS = not surveyed. UST = underground storage tank.

SCALE (FEET)

0 30

TRC

PROJECT: 154771

FACILITY:

76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
September 2, 2008

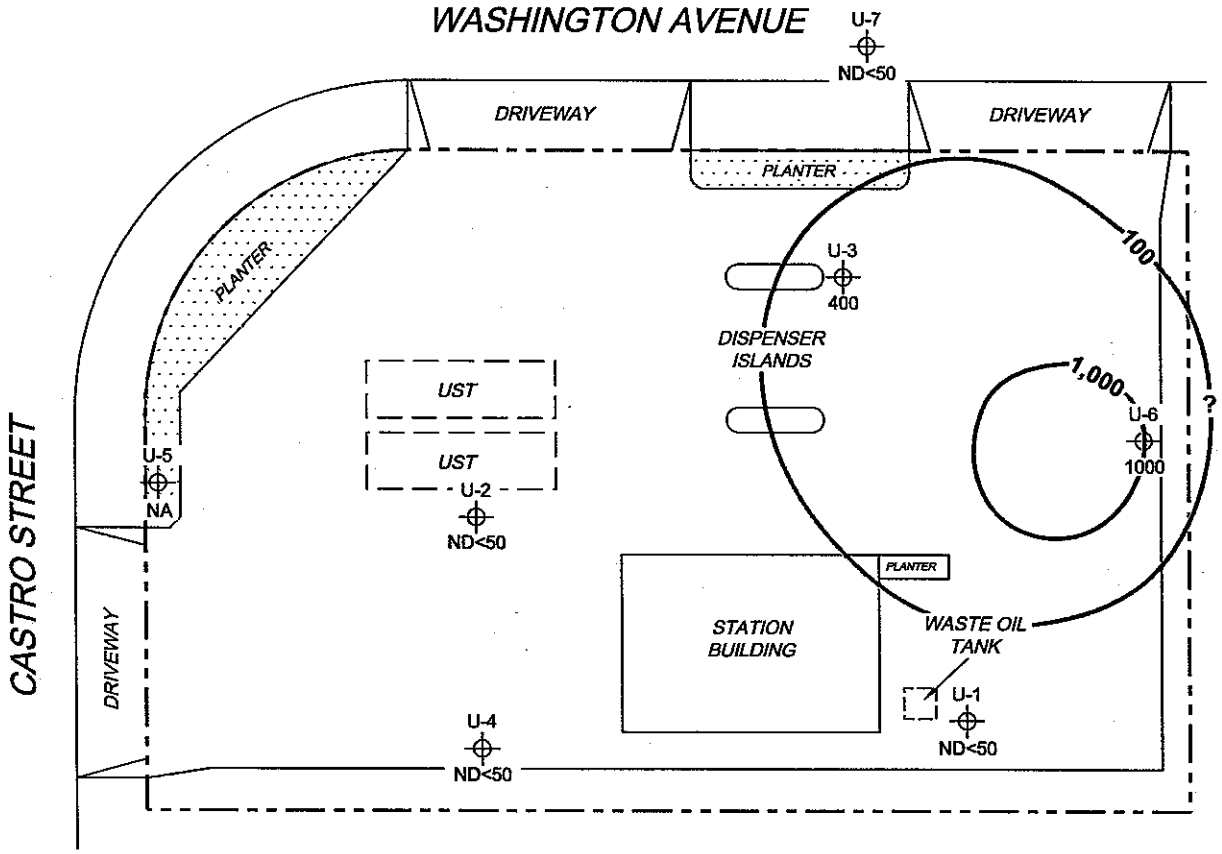
FIGURE 2

MS=1:1 5430-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5430+\5430-QMS(NEW).dwg Sep 18, 2008 - 3:35pm bschmidt

LEGEND

U-7 ⊕ 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. NA = not analyzed, measured, or collected. UST = underground storage tank.

SCALE (FEET)

0 30

TRC

PROJECT: 154771

FACILITY:

76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

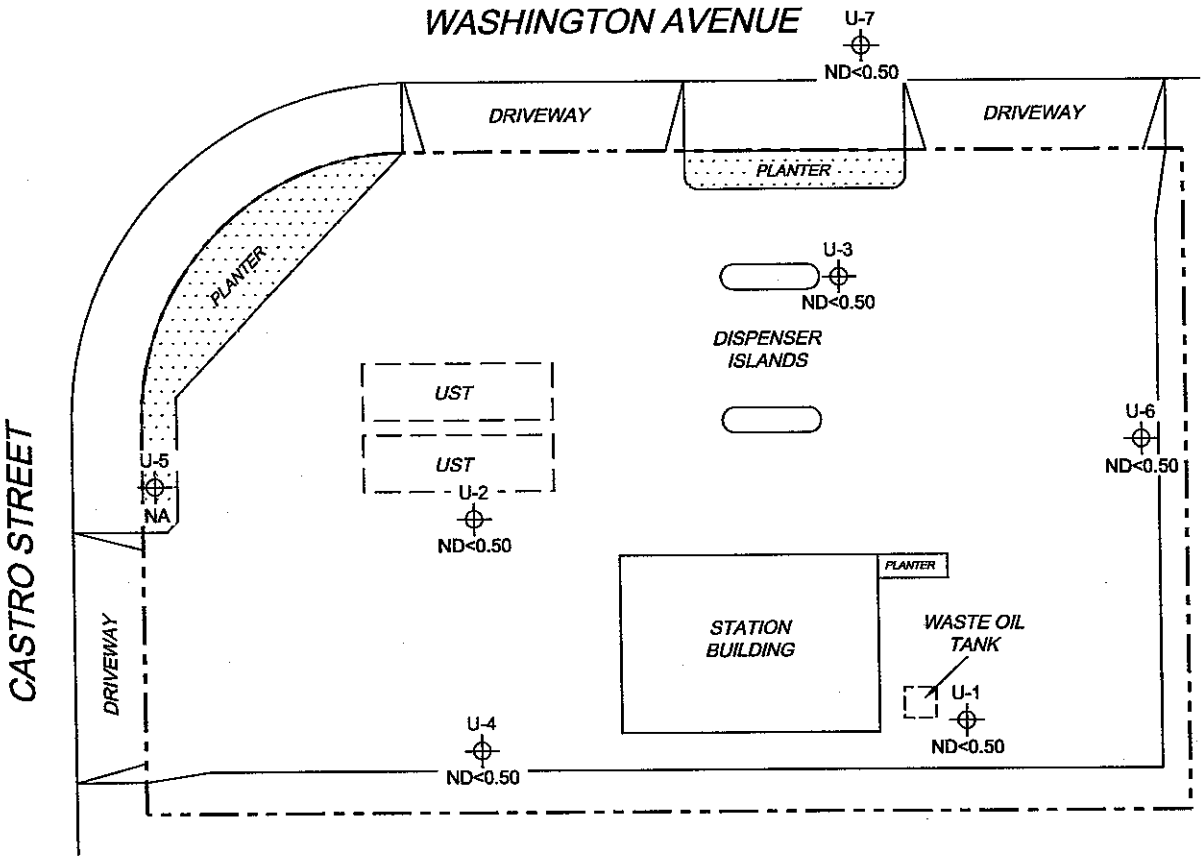
DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
September 2, 2008

FIGURE 3

MS=1:1 5430-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5430+\5430-QMS(NEW).dwg Sep 18, 2008 - 2:39pm bschmidt

LEGEND

U-7 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
NA = not analyzed, measured, or collected. UST = underground storage tank.

SCALE (FEET)

0 30

TRC

PROJECT: 154771

FACILITY:
76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

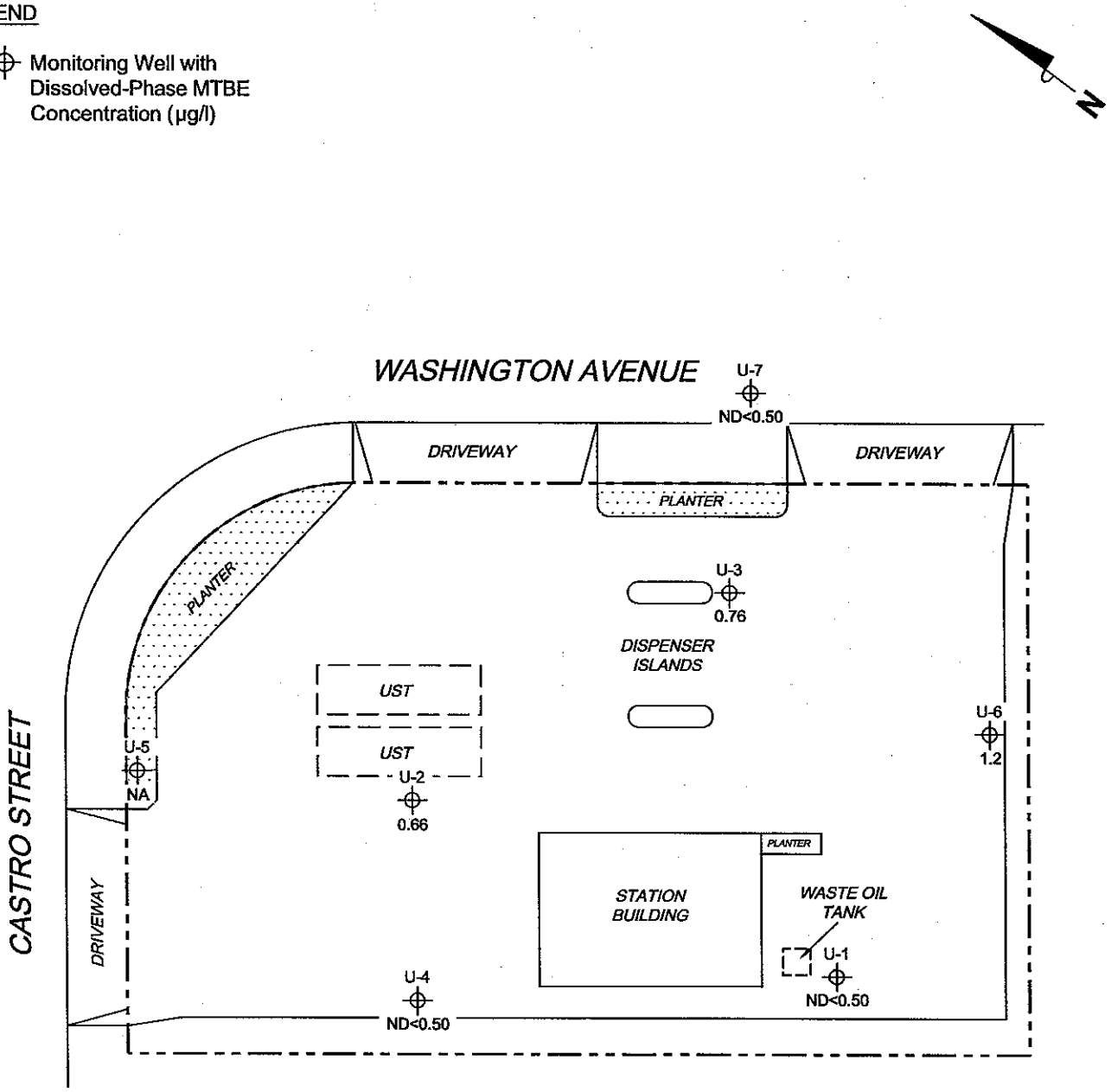
DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 2, 2008

FIGURE 4

MS=1:1 5430-003 L:\Graphics\QMS NORTH-SOUTH\x-500\5430+5430-QMS(NEW).dwg Sep 18, 2008 - 2:39pm bschmidt

LEGEND

U-7 ⊕ 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. NA = not analyzed, measured, or collected. UST = underground storage tank. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 30

TRC

PROJECT: 154771

FACILITY:

76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

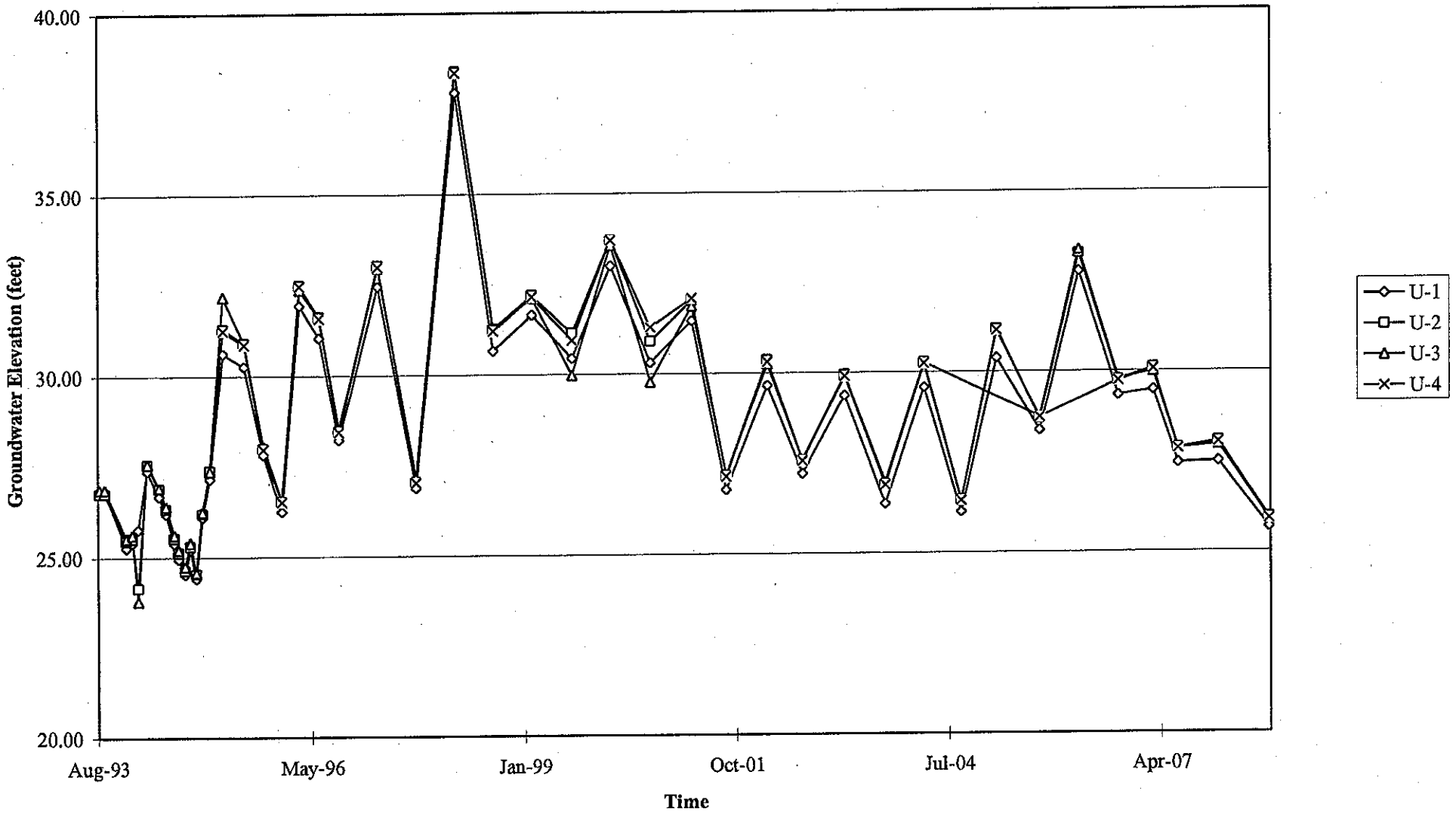
DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 2, 2008

FIGURE 5

MS=1:1 5430-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5430+\5430-QMS(NEW).dwg Sep 18, 2008 - 2:39pm bschmidt

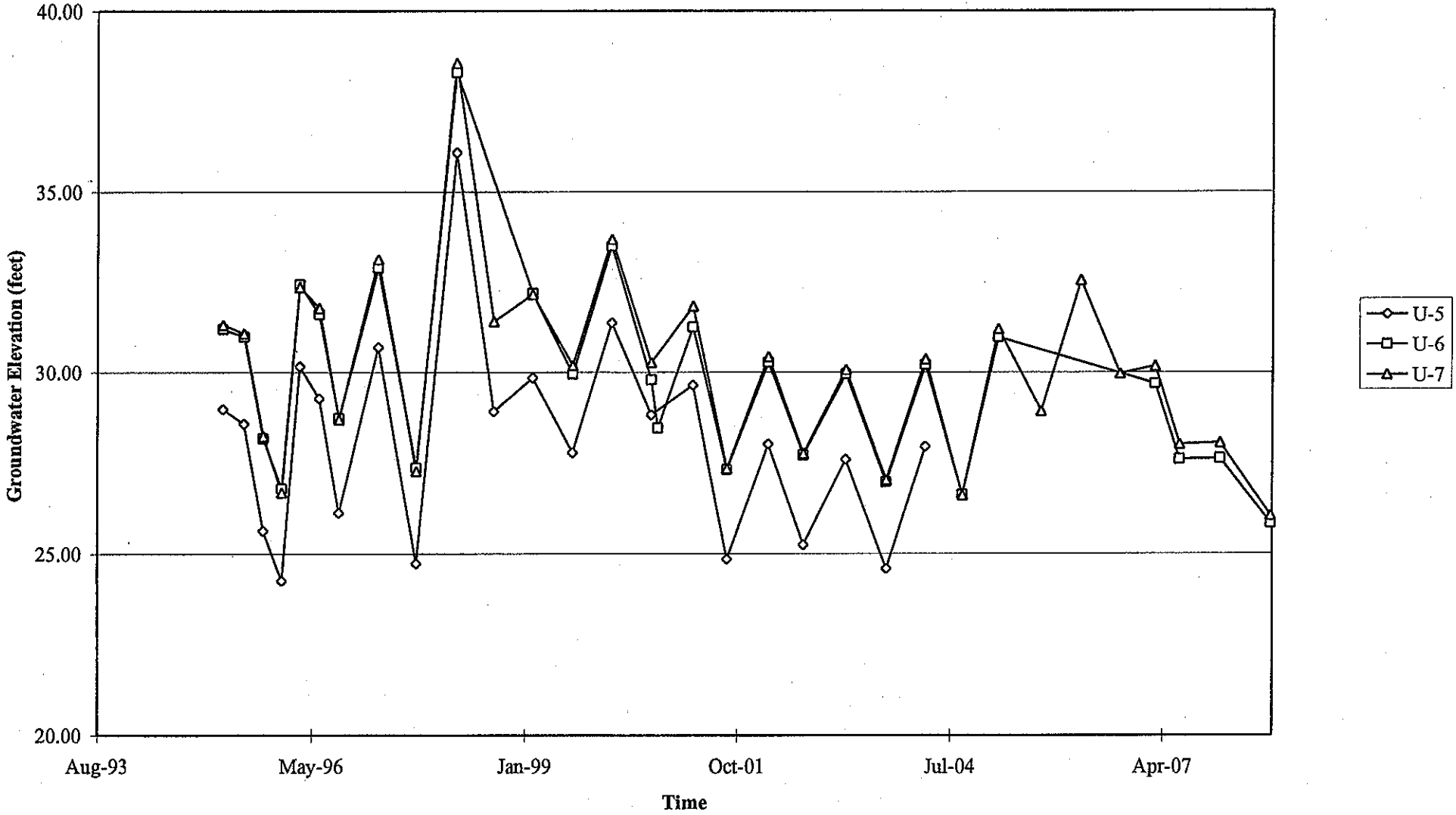
GRAPHS

Groundwater Elevations vs. Time
76 Station 5430



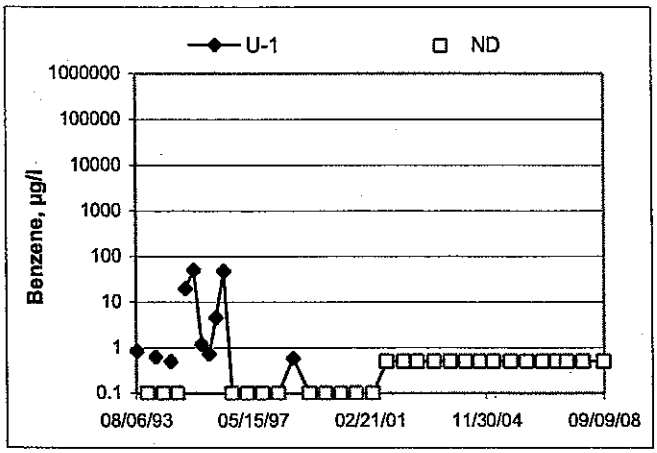
Elevations may have been corrected for apparent changes due to resurvey

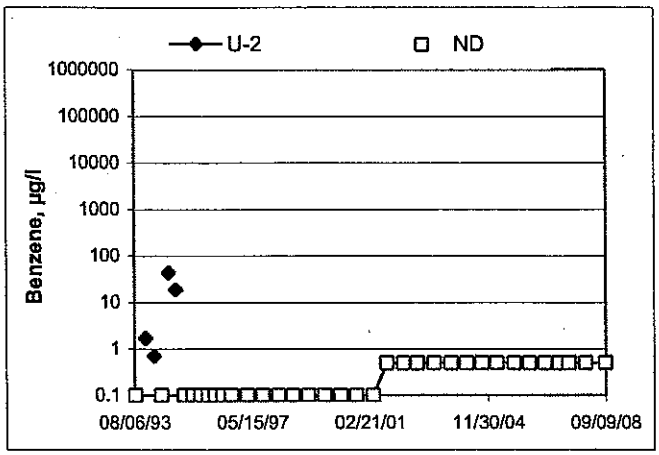
Groundwater Elevations vs. Time
76 Station 5430

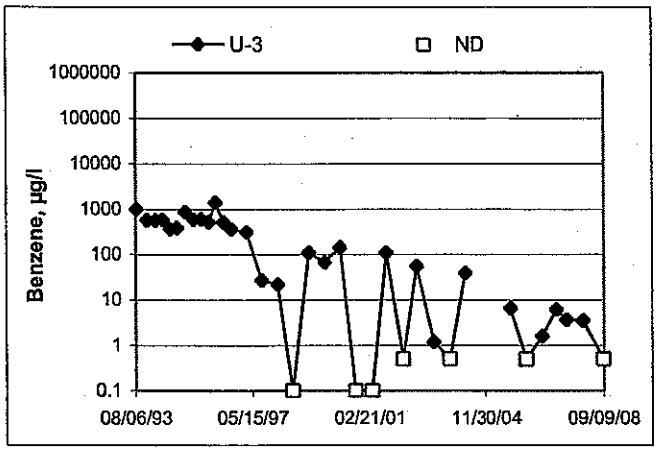


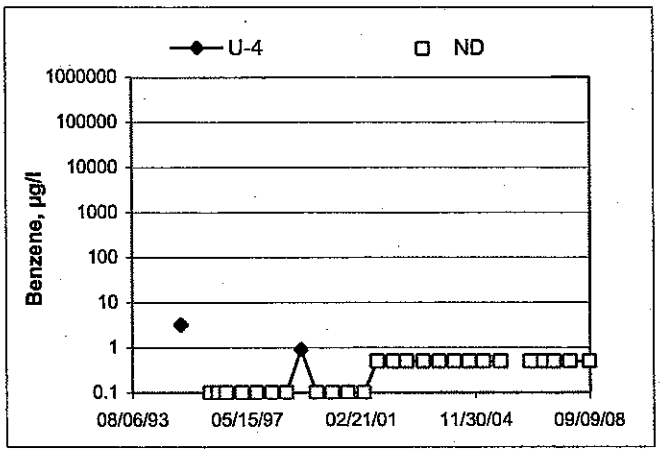
Elevations may have been corrected for apparent changes due to resurvey

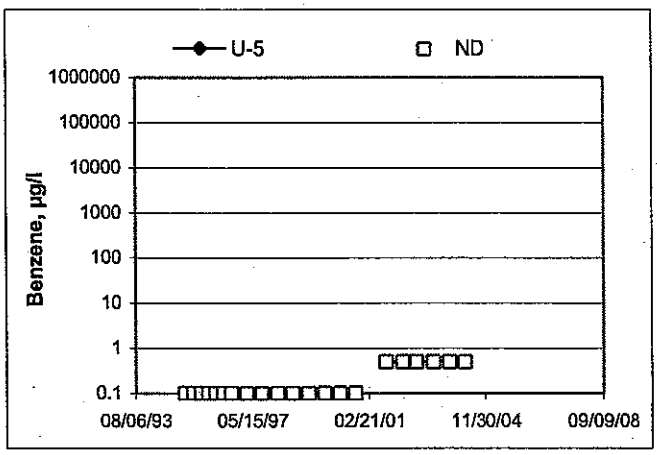
Benzene Concentrations vs Time
76 Station 5430

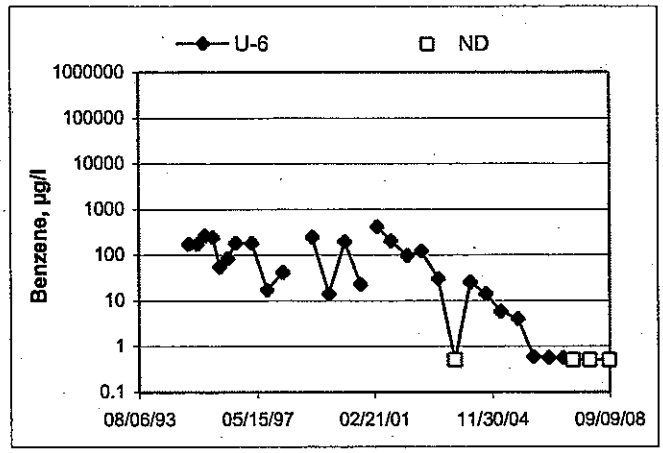


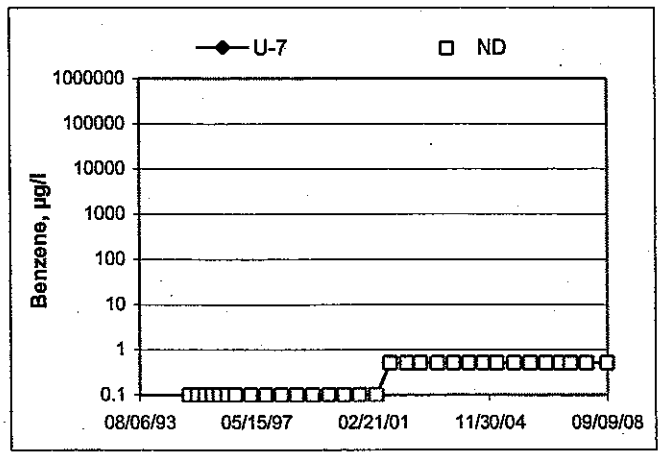












GENERAL FIELD PROCEDURES

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: Bailin Job #/Task #: 154771-FA20 Date: 9-02-07

Site # 5430 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
U-4	✓	0542	38.75	31.87	—	—	0719	2"
U-5	—					—	N/S	Paved Over
U-7	✓	0553	37.50	31.40	—	—	0928	2"
U-1	✓	0559	39.30	32.80	—	—	0855	2" ~~DUP~~
U-6	✓	0607	40.15	32.30	—	—	0832	2"
U-2	✓	0611	39.20	31.70	—	—	0745	2"
U-3	✓	0619	38.40	31.65	—	—	0810	2"

FIELD DATA COMPLETE	QA/QC	COC	WELL BOX CONDITION SHEETS
MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL	

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Barlow

Site: 5430 Project No.: 154771 Date: 5-02-08

Well No. U-4 Purge Method: HB

Depth to Water (feet): 31.87 Depth to Product (feet): —

Total Depth (feet) 38.75 LPH & Water Recovered (gallons): —

Water Column (feet): 6.88 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.24 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
0652			2	599.5	18.1	10.16			
			4	587.4	18.3	8.87			
	0659		6	585.6	18.3	7.78			

Static at Time Sampled	Total Gallons Purged	Sample Time
32.40	6	0719

Comments: Waited few minutes to Recover 80%

Well No. U-7 Purge Method: HB

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

Total Depth (feet) 37.50 LPH & Water Recovered (gallons): —

Water Column (feet): 6.10 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 32.62 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
0904			1	769.1	21.4	6.79			
			2	769.6	20.6	6.38			
	0912		3	762.2	20.3	4.36			

Static at Time Sampled	Total Gallons Purged	Sample Time
32.60	3	0928

Comments: Waited few minutes to recover

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Bailey

Site: 5430 Project No.: 154771 Date: 9-02-08

Well No. U-1 Purge Method: HB

Depth to Water (feet): 32.80 Depth to Product (feet): —

Total Depth (feet) 39.30 LPH & Water Recovered (gallons): —

Water Column (feet): 6.50 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 34.10 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
0840			2	796.3	19.7	6.34			
			4	760.4	19.4	6.31			
	0849		6	754.7	19.3	6.30			

Static at Time Sampled	Total Gallons Purged	Sample Time
33.64	6	0855

Comments:

Well No. U-6 Purge Method: HB

Depth to Water (feet): 32.30 Depth to Product (feet): —

Total Depth (feet) 40.15 LPH & Water Recovered (gallons): —

Water Column (feet): 7.85 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.87 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
0816			2	1182	19.4	6.23			
			4	1238	19.7	6.16			
	0825		6	1230	19.5	6.09			

Static at Time Sampled	Total Gallons Purged	Sample Time
33.75	6	0832

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Barlow

Site: 5430 Project No.: 154771 Date: 9-02-08

Well No. U-2 Purge Method: HB

Depth to Water (feet): 31.70 Depth to Product (feet): —

Total Depth (feet) 39.20 LPH & Water Recovered (gallons): —

Water Column (feet): 7.50 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.20 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
0729			2	561.8	17.6	7.01			
			4	556.7	18.7	6.88			
	0738		6	557.6	19.0	6.79			

Static at Time Sampled	Total Gallons Purged	Sample Time
33.10	6	0745

Comments:

Well No. U-3 Purge Method: HB

Depth to Water (feet): 31.65 Depth to Product (feet): —

Total Depth (feet) 38.40 LPH & Water Recovered (gallons): —

Water Column (feet): 6.75 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.00 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
0751			2	763.4	18.9	6.50			
			4	810.9	19.5	6.39			
	0805		6	818.5	19.6	6.35			

Static at Time Sampled	Total Gallons Purged	Sample Time
32.46	6	0810

Comments:

TRC

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 9-02-08 STATION NUMBER: 5430

NAME OF TECH: Basilio CALLED GORDON: _____

CALLED PM: ✓ NAME OF PM CALLED: A. Collins

WELL NUMBER: U-5 STATEMENT FROM PM _____ OR TECH ✓

well paved Over

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 09/09/2008

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 5430
BC Work Order: 0811611

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: 5430 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/09/2008 9:28

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0811611-01	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:	
	Project Number:	5430	**Sampling Date:**	09/02/2008 07:19	Global ID: T0600101765	
	Sampling Location:	U-4	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	U-4	**Sample Matrix:**	Water	Sample QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	
0811611-02	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:	
	Project Number:	5430	**Sampling Date:**	09/02/2008 09:28	Global ID: T0600101765	
	Sampling Location:	U-7	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	U-7	**Sample Matrix:**	Water	Sample QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	
0811611-03	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:	
	Project Number:	5430	**Sampling Date:**	09/02/2008 08:55	Global ID: T0600101765	
	Sampling Location:	U-1	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	U-1	**Sample Matrix:**	Water	Sample QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	
0811611-04	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:	
	Project Number:	5430	**Sampling Date:**	09/02/2008 08:32	Global ID: T0600101765	
	Sampling Location:	U-6	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	U-6	**Sample Matrix:**	Water	Sample QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	
0811611-05	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:	
	Project Number:	5430	**Sampling Date:**	09/02/2008 07:45	Global ID: T0600101765	
	Sampling Location:	U-2	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	U-2	**Sample Matrix:**	Water	Sample QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	

TRC 21 Technology Drive Irvine, CA 92618	Project: 5430 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/09/2008 9:28

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0811611-06	**COC Number:**	---	**Receive Date:**	09/03/2008 23:07	Delivery Work Order:	
	Project Number:	5430	**Sampling Date:**	09/02/2008 08:10	Global ID: T0600101765	
	Sampling Location:	U-3	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	U-3	**Sample Matrix:**	Water	Sample QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5430
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-01 | **Client Sample Name:** 5430, U-4, U-4, 9/2/2008 7:19:00AM

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	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233		

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Project: 5430
Project Number: [none]
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-02 | **Client Sample Name:** 5430, U-7, U-7, 9/2/2008 9:28:00AM

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	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Chloroform	0.66	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-02 | **Client Sample Name:** 5430, U-7, U-7, 9/2/2008 9:28:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methylene chloride	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233		

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Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-03 | **Client Sample Name:** 5430, U-1, U-1, 9/2/2008 8:55:00AM

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	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	

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Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-03 | **Client Sample Name:** 5430, U-1, U-1, 9/2/2008 8:55:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methylene chloride	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	97.0	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233		

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Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-04 | **Client Sample Name:** 5430, U-6, U-6, 9/2/2008 8:32:00AM

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	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	1.9	ug/L	0.50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	1.2	ug/L	0.50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	1000	ug/L	50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233		

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Project: 5430
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-05 | **Client Sample Name:** 5430, U-2, U-2, 9/2/2008 7:45:00AM

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	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	0.66	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233		

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Project: 5430
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-06 | **Client Sample Name:** 5430, U-3, U-3, 9/2/2008 8:10:00AM

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	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	0.77	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	

TRC 21 Technology Drive Irvine, CA 92618	Project: 5430 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/09/2008 9:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-06 | **Client Sample Name:** 5430, U-3, U-3, 9/2/2008 8:10:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methylene chloride	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	0.76	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	400	ug/L	50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233		

TRC
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Project: 5430
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

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	BRI0233	Matrix Spike	0811604-03	0	24.730	25.000	ug/L		98.9		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	23.670	25.000	ug/L	4.3	94.7	20	70 - 130	
Bromodichloromethane	BRI0233	Matrix Spike	0811604-03	0	27.370	25.000	ug/L		109		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	26.320	25.000	ug/L	3.7	105	20	70 - 130	
Chlorobenzene	BRI0233	Matrix Spike	0811604-03	0	24.890	25.000	ug/L		99.6		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	23.770	25.000	ug/L	4.6	95.1	20	70 - 130	
Chloroethane	BRI0233	Matrix Spike	0811604-03	0	22.220	25.000	ug/L		88.9		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	21.220	25.000	ug/L	4.6	84.9	20	70 - 130	
1,4-Dichlorobenzene	BRI0233	Matrix Spike	0811604-03	0	24.660	25.000	ug/L		98.6		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	23.150	25.000	ug/L	6.3	92.6	20	70 - 130	
1,1-Dichloroethane	BRI0233	Matrix Spike	0811604-03	0	25.910	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	24.720	25.000	ug/L	5.0	98.9	20	70 - 130	
1,1-Dichloroethene	BRI0233	Matrix Spike	0811604-03	0	24.010	25.000	ug/L		96.0		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	23.100	25.000	ug/L	3.8	92.4	20	70 - 130	
Toluene	BRI0233	Matrix Spike	0811604-03	0	25.880	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	24.460	25.000	ug/L	6.1	97.8	20	70 - 130	
Trichloroethene	BRI0233	Matrix Spike	0811604-03	0	26.530	25.000	ug/L		106		70 - 130	
		Matrix Spike Duplicate	0811604-03	0	25.160	25.000	ug/L	4.8	101	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0233	Matrix Spike	0811604-03	ND	10.460	10.000	ug/L		105		76 - 114	
		Matrix Spike Duplicate	0811604-03	ND	10.450	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BRI0233	Matrix Spike	0811604-03	ND	10.220	10.000	ug/L		102		88 - 110	
		Matrix Spike Duplicate	0811604-03	ND	10.240	10.000	ug/L		102		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRI0233	Matrix Spike	0811604-03	ND	10.030	10.000	ug/L		100		86 - 115	
		Matrix Spike Duplicate	0811604-03	ND	10.330	10.000	ug/L		103		86 - 115	

TRC 21 Technology Drive Irvine, CA 92618	Project: 5430 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/09/2008 9:28

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	BRI0233	BRI0233-BS1	LCS	22.270	25.000	0.50	ug/L	89.1		70 - 130		
Bromodichloromethane	BRI0233	BRI0233-BS1	LCS	24.840	25.000	0.50	ug/L	99.4		70 - 130		
Chlorobenzene	BRI0233	BRI0233-BS1	LCS	23.120	25.000	0.50	ug/L	92.5		70 - 130		
Chloroethane	BRI0233	BRI0233-BS1	LCS	19.940	25.000	0.50	ug/L	79.8		70 - 130		
1,4-Dichlorobenzene	BRI0233	BRI0233-BS1	LCS	22.760	25.000	0.50	ug/L	91.0		70 - 130		
1,1-Dichloroethane	BRI0233	BRI0233-BS1	LCS	23.070	25.000	0.50	ug/L	92.3		70 - 130		
1,1-Dichloroethene	BRI0233	BRI0233-BS1	LCS	21.660	25.000	0.50	ug/L	86.6		70 - 130		
Toluene	BRI0233	BRI0233-BS1	LCS	23.480	25.000	0.50	ug/L	93.9		70 - 130		
Trichloroethene	BRI0233	BRI0233-BS1	LCS	24.450	25.000	0.50	ug/L	97.8		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0233	BRI0233-BS1	LCS	10.290	10.000		ug/L	103		76 - 114		
Toluene-d8 (Surrogate)	BRI0233	BRI0233-BS1	LCS	10.380	10.000		ug/L	104		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRI0233	BRI0233-BS1	LCS	10.420	10.000		ug/L	104		86 - 115		

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Irvine, CA 92618

Project: 5430
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

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	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Bromodichloromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Bromoform	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Bromomethane	BRI0233	BRI0233-BLK1	ND	ug/L	1.0		
Carbon tetrachloride	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Chlorobenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Chloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Chloroform	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Chloromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,2-Dichloropropane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Methylene chloride	BRI0233	BRI0233-BLK1	ND	ug/L	1.0		

TRC
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Project: 5430
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

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
Methyl t-butyl ether	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Tetrachloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Toluene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Trichloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1,2-Trichloro-1,2,2-trifluoroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Vinyl chloride	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Total Xylenes	BRI0233	BRI0233-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BRI0233	BRI0233-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRI0233	BRI0233-BLK1	108	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0233	BRI0233-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0233	BRI0233-BLK1	98.6	%	86 - 115 (LCL - UCL)		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5430 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/09/2008 9:28

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

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 1

Submission #: 811011

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 MLH

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	A 3	A 3	A 3	A 3	A 3	A 3	( )	( )	( )	( )
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 1650 9/4/08

A = Actual / C = Corrected

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

3811611

BC LABORATORIES, INC.

4100 Atlas Court Bakersfield, CA 93308
(661) 327-4911 FAX (661) 327-1918

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm:** TRC
Address: 1935 Washington Ave.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: San Leandro	**4-digit site#:** 5430
	Workorder # 01411-4509117929
State: CA **Zip:**	**Project #:** 154771
Conoco Phillips Mgr: Ted Moise	**Sampler Name:** Basilio Dellosa

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/~~GAS~~ BY 8260B	ETHANOL by 8260B	TPH –G by GC/MS	HVOC's (8010 list) by 8260B		Turnaround Time Requested
-1		U-4	9-2-08 0719	GW					X		X			5D
-2		U-7	0928									X		
-3		U-1	0855									X		
-4		U-6	0832											
-5		U-2	0745									X		
-6		U-3	0810											

CHK BY DISTRIBUTION
SUB-OUT

Comments:

GLOBAL ID: T0600101765

Relinquished by: (Signature)	Received by: Refrigerator	Date & Time 9-2-08 1040
Relinquished by: (Signature)	Received by:	Date & Time 9/3/08 1530
Relinquished by: (Signature) 9/3/08	Received by:	Date & Time 9 3 08 2030
R Rumuk 9 3 08 2300		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.

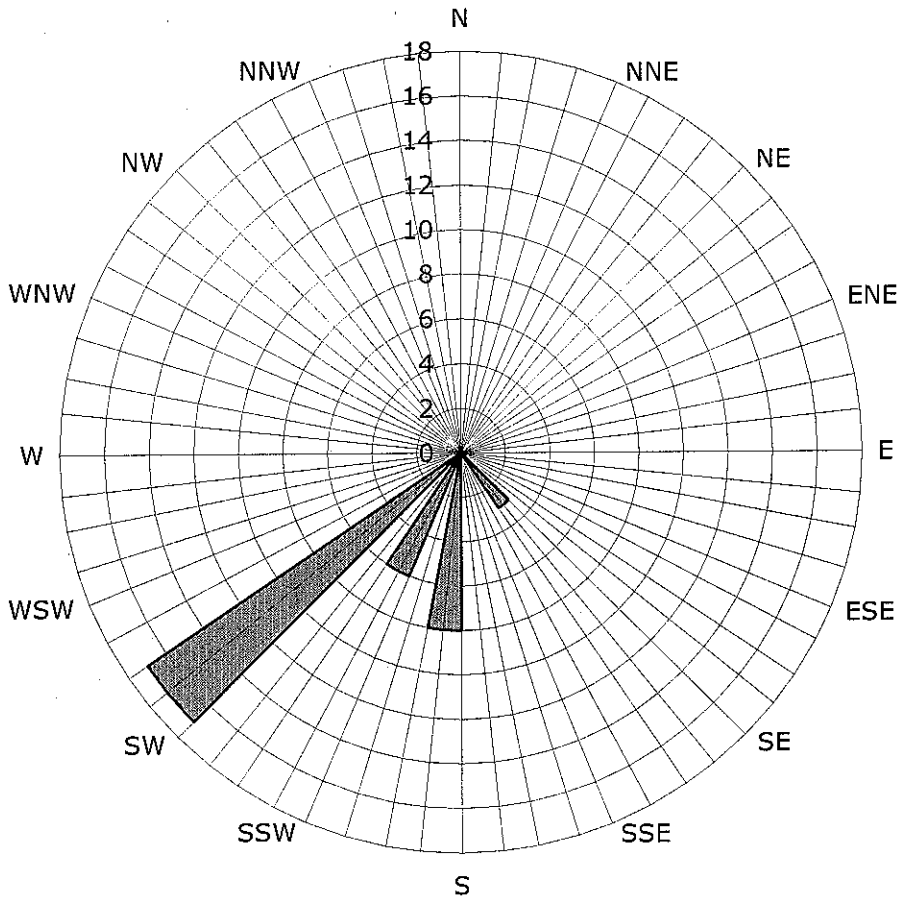
Limitations

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. 5430
1935 Washington Avenue
San Leandro, California



Legend
Concentric circles represent quarterly montoring events
Fourth Quarter 1993 through Third Quarter 2008
34 data points shown

Groundwater Flow Direction