August 26, 2005

Mr. George Altamura
ALTAMURA ENTERPRISES
1424 2nd Street
Napa, CA 94559

Re: August 2005 Groundwater Monitoring Report
Jefferson Car Wash Facility, 3080 Jefferson Street, Napa CA
Napa County LOP Site #0270

Dear Mr. Altamura:

As approved by the Napa County Department of Environmental Management (County), Malcolm Pirnie, Inc. conducted the August 2005 groundwater monitoring event at the Jefferson Car Wash Facility (Site), located at 3080 Jefferson Street, Napa, California (Figure 1). This letter report summarizes the field activities and results associated with the August 2005 monitoring event.

Groundwater monitoring was conducted on August 2 and 3, 2005 by Environmental Sampling Services, under the direction of Malcolm Pirnie. Depth-to-water measurements from twenty-six site-related monitoring wells were recorded. Twenty-nine wells (including one on-site private well and two off-site private drinking water wells) were sampled and analyzed for the presence of total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl *tert*-butyl ether (MTBE), using EPA Method 8260B. Quality control/quality assurance field samples included one trip blank and three duplicate samples.

Per the request of the California Underground Storage Tank Cleanup Fund (USTCF), the groundwater extraction and treatment system (GWETS) at the Site was shut down on June 29, 2005. The last sampling event for extraction wells EW-2 and EW-3 was on June 26, 2005.

FIELD METHODS AND MEASUREMENTS

Depth-to-water and total well depth measurements were recorded with a Solinst® water level indicator relative to the surveyor's mark on the well casing. Three successive readings that agreed to within one-hundredth of a foot determined the final measurement for each well. A depth-to-water measurement and groundwater sample could not be

collected from BC-9 during the August 2005 sampling event. The driveway in which the well is located has been resurfaced with asphalt, obstructing the wellhead. Depth-to-water measurements were collected from USA Gasoline Station #40 wells on August 2, 2005 by Stratus Environmental, Inc. and transmitted to Malcolm Pirnie on August 15, 2005.

Prior to sampling, each well was purged using the low-flow (less than 500 milliliters per minute) purging method with the pump intake set at mid-screen. Well construction details are summarized in Table 1. Five monitoring wells (BC-10D, BC-13S, BC-14S, BC-14D, and BC-15S) went dry prior to stabilization and were allowed to recover overnight prior to sampling. For the one well that exhibited slow recharge (BC-20), purging continued until the calculated sample tube volume was removed.

Multi-parameter instruments with in-line flow through chambers were used to monitor pH, specific conductance, temperature, and turbidity during purging. Each probe was calibrated using manufacturer-supplied solution standards at the start of each field day. Field measurement results were recorded on the groundwater sample log sheets (Appendix A). Observations regarding recharge, color and/or odor of the purge water were also recorded.

With the exception of the five wells that went dry prior to stabilization and the one slow recharge well, water samples were collected immediately after purging, with the pump set at its slowest speed (approximately 100 milliliters per minute) and transferred to laboratory-supplied sample bottles. For the one slow recharge well, the water sample was collected immediately after the one sample tube volume was removed and transferred to laboratory-supplied sample bottles. For the five monitoring wells that went dry prior to stabilization, they were allowed to recover overnight prior to sampling.

Groundwater samples were also collected from the USA Gasoline Station #40 monitoring wells on August 2, 2005, by Stratus Environmental, Inc., and results were transmitted to Malcolm Pirnie on August 15, 2005.

ANALYTICAL METHODS

Samples were analyzed by Severn Trent Laboratories, Inc. for the presence of TPH-G, BTEX, and MTBE using EPA Method 8260B. Samples collected for MTBE analyses were not preserved with hydrochloric acid, as MTBE can hydrolyze to *tert*-Butyl Alcohol under acidic conditions. Unpreserved samples were analyzed within seven days. The chain of custody form is included in Appendix B.

RESULTS

Depth-to-water measurements and calculated shallow groundwater elevations for August 2, 2005 are summarized in Table 2. The shallow groundwater surface contour map, based on the calculated groundwater elevation data, is included as Figure 2a. At the time the measurements were collected, the shallow groundwater flow direction beneath the Site was primarily to the east and east-southeast. Malcolm Pirnie started the GWETS on March 29, 2004, as an Interim Corrective Measure using EW-2 and EW-3 as extraction wells; the treatment system was turned off on June 29 at the request of the USTCF. In addition, Stratus Environmental, Inc. indicated that well MW-11 is generally being operated as extraction well for the USA Gasoline Station #40. As a result, a localized capture zone was observed beneath the southern portion of the USA Gasoline Station #40 property. The deep groundwater surface contour map, based on the calculated groundwater elevation data, is included as Figure 2b. At the time the measurements were collected, deep groundwater was flowing to the south-southeast beneath the Site.

Field measurements indicate that groundwater ranges from pH 5.90 to pH 7.19. Specific conductance was between 281 microSiemens (µS) and 801 µS. Temperature of the groundwater was between 19.86 degrees Celsius (°C) and 24.59°C. Field measurements are recorded on the groundwater sample log sheets included in Appendix A.

Analytical results for samples collected from the Site monitoring wells are summarized in Table 2. The analytical laboratory reports are included in Appendix B. Historical monitoring data is summarized in Appendix C. Analytical method reporting limits for samples collected and analyzed in August 2005 ranged from 0.5 micrograms per liter (µg/L) to 250 µg/L, based on the sample dilution.

TPH-G was reported in samples collected from shallow wells BC-2, BC-4, BC-5, BC-6, BC-8, BC-10S, BC-10D, BC-11S, BC-13S, BC-13D, and BC-14D at concentrations ranging from 51 µg/L to 2,200 µg/L. TPH-G was also reported in the sample collected from two deep wells, BC-20 and BC-21, at a concentration of 100 µg/L and 99 µg/L, respectively. However, laboratory results failed to match the TPH-G standard chromatogram for wells BC-2, BC-5, BC-6, BC-8, BC-10S, BC-10D, BC-11S, BC-13D, BC-14D and BC-20. The chromatograms for these wells indicate that the petroleum hydrocarbons are degrading and thus not matching the TPH-G standard. A TPH-G isoconcentration contour map for shallow wells for this sampling event is included as Figure 3. Figure 4 illustrates the change in concentrations of TPH-G and MTBE in well BC-4 between January 2003 and present.

Ethylbenzene was reported in the sample collected from BC-4 at a concentration of 1.4 µg/L.

MTBE concentrations were reported to range from non-detect (<0.50 µg/L) to 300 µg/L in the shallow monitoring wells; with non-detectable concentrations reported in the samples collected from shallow wells BC-1, BC-7, BC-15D, BC-17, BC-18, and BC-19. MTBE concentrations in the samples collected from deep monitoring wells BC-20 and BC-21 were reported to be 61 µg/L and 49 µg/L, respectively. MTBE was not detected in the sample collected from the deep well BC-22. MTBE concentrations in the three private wells were reported to be less than 0.50 µg/L. An MTBE isoconcentration contour map for shallow wells for the August 2005 sampling event is included as Figure 5a. MTBE concentrations for deep wells are illustrated on Figure 5b.

ADDITIONAL REPORTING REQUIREMENTS

In addition to this letter report summarizing the August 2005 groundwater monitoring event, Malcolm Pirnie has submitted the data electronically to the State of California GeoTracker database, as required.

If you have questions regarding the information contained in this report, please contact me at (510) 735-3014.

Very truly yours,

MALCOLM PIRNIE INC.

Todd Miller, C.Hg.
Project Manager

Attachments:

Table 1	Well Construction Summary
Table 2	Summary of August 2005 Groundwater Elevation Data and Analytical Laboratory Results for Monitoring Wells
Figure 1	Site and Well Locations
Figure 2a	Shallow Groundwater Potentiometric Surface Contour Map, August 2005 Monitoring Report
Figure 2b	Deep Groundwater Potentiometric Surface Contour Map, August 2005 Monitoring Report
Figure 3	Total Petroleum Hydrocarbons (TPH-G) Isoconcentration Map for Shallow Groundwater Monitoring Wells, August 2005 Monitoring Report

Figure 4	Groundwater Elevations and TPH-G and MTBE Concentrations versus Time in Monitoring Well BC-4
Figure 5a	MTBE Isoconcentration Contour Map for Shallow Groundwater Monitoring Wells, August 2005 Monitoring Report
Figure 5b	MTBE Concentration Map for Deep Groundwater Monitoring Wells, August 2005 Monitoring Report

Appendix A	Field Activity Report
Appendix B	Analytical Laboratory Report for August 2005 Sampling Event
Appendix C	Historical Analytical Results

c: Mr. Joel Coffman, Napa County Department of Environmental Management
Mr. Dave Meyers, Dickenson Peatman & Fogerty
Mr. Joseph Imboden
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Table 1
Well Construction Summary
Jefferson Car Wash Site, 3080 Jefferson Street, Napa, California

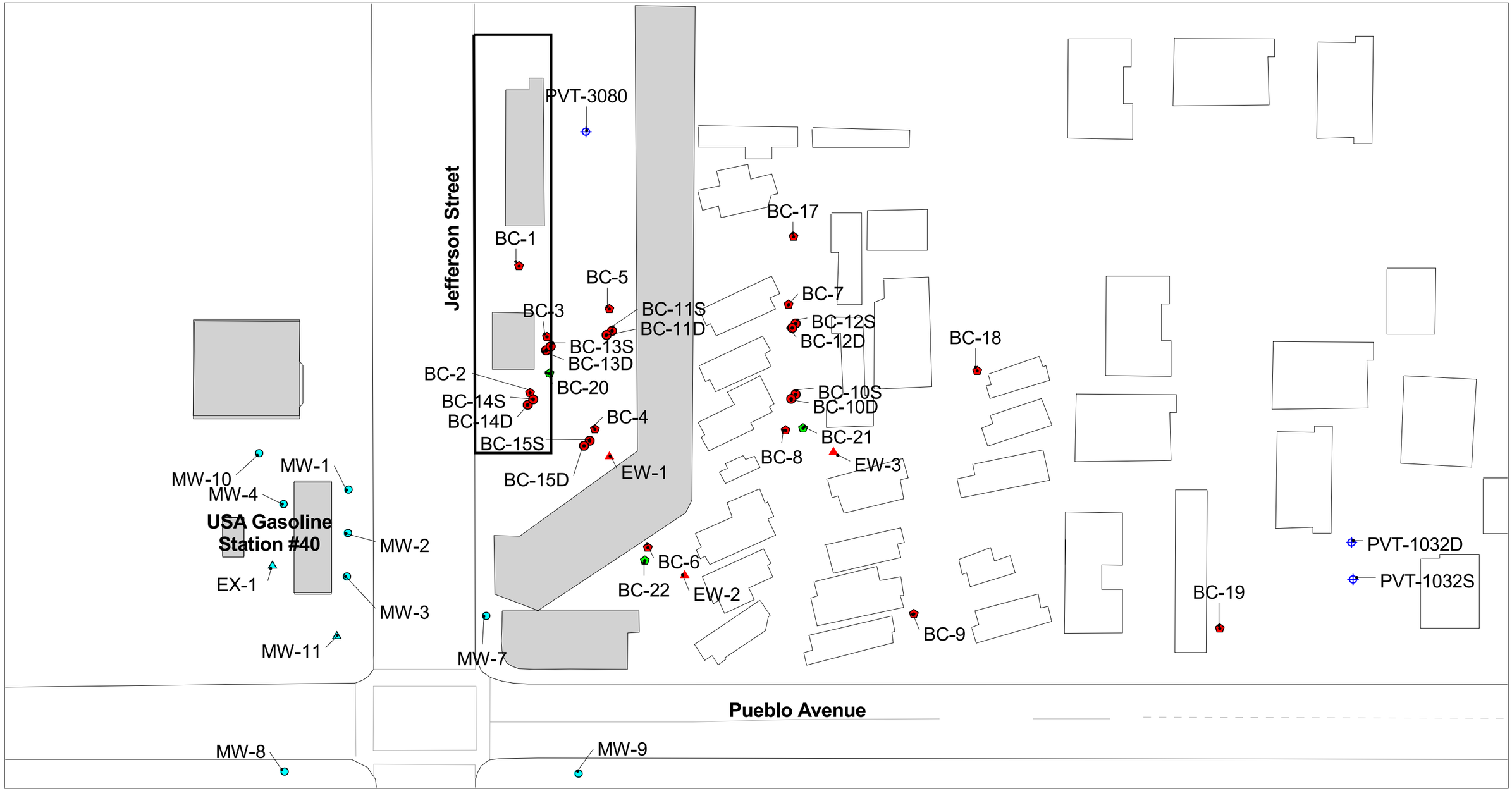
Well ID	Installation Date	Location	Description	Diameter (in)	Total Depth	Screen Interval* (ft)
BC-1	4/4-5/91	On-Site	Single-Screen	2	21.86	7.7-22.7
BC-2	4/4-5/91	On-Site	Single-Screen	2	22.73	5.8-20.8
BC-3	4/4-5/91	On-Site	Single-Screen	2	21.92	6.7-21.7
BC-4	4/4-5/91	On-Site	Single-Screen	2	20.57	5.5-20.5
BC-5	5/21/92	On-Site	Single-Screen	2	23.37	13.4-23.4
BC-6	5/27/92	On-Site	Single-Screen	4	26.55	11.5-26.5
BC-7	5/18/95	Off-Site	Single-Screen	2	19.82	4.8-19.8
BC-8	5/18/95	Off-Site	Single-Screen	2	19.21	4.2-19.2
BC-9	5/18/95	Off-Site	Single-Screen	2	19.60	4.0-19.0
BC-10	5/29/01	Off-Site	Multi-Chamber	2	25.3	19-20 (S) 23.7-24.5 (D)
BC-11	5/29/01	On-Site	Multi-Chamber	2	23.5	20-21.1 (S) 21.7-22 (D)
BC-12	5/30/01	Off-Site	Multi-Chamber	2	25.5	17.3-18.6 (S) 19.8-24.5 (D)
BC-13	5/30/01	On-Site	Multi-Chamber	2	25	17.5-18.6 (S) 21.5-24 (D)
BC-14	5/31/01	On-Site	Multi-Chamber	2	28.3	21.7-22.2 (S) 26.3-26.8 (D)
BC-15	6/01/01	On-Site	Multi-Chamber	2	21.9	16.7-17.8 (S) 20.3-21.1 (D)
BC-17	11/26/02	Off-Site	Single-Screen	2	29	9-29
BC-18	11/25/02	Off-Site	Single-Screen	2	30.5	5.5-30.5
BC-19	11/25/02	Off-Site	Single-Screen	2	30	5-30
BC-20	11/27/02	On-Site	Single-Screen	2	50	40-50
BC-21	11/27/02	Off-Site	Single-Screen	2	46	36-46
BC-22	11/26/02	Off-Site	Single-Screen	2	60.5	50.5-60.5
PVT-3080	Unknown	On-Site Private	Single-Screen	Unknown	Unknown	Unknown
PVT-1032S	Unknown	Off-Site Private	Single-Screen	6	126	Unknown
PVT-1032D	Unknown	Off-Site Private	Single-Screen	6	140	Unknown

*(S) = Shallow Screen; (D) = Deep Screen. Screen intervals for private wells were not available.

Table 2
Summary of August 2005 Groundwater Elevation Data and Analytical Laboratory Results for Monitoring Wells
Jefferson Car Wash Site, 3080 Jefferson Street, Napa, California

Sample ID	Date Sampled	Top of Casing Elevation (ft, msl)[1]	Well Depth (ft)	Depth to Water (ft, bgs)[2]	Groundwater Elevation (ft, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-1	08/03/2005	46.66	21.42	11.69	34.97	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-2	08/02/2005	46.20	22.90	11.38	34.82	**66 H**	<0.50	<0.50	<0.50	<1.0	**37**
BC-2 DUP	08/02/2005	-	-	-	-	**74 H**	<0.50	<0.50	<0.50	<1.0	**44**
BC-3	08/02/2005	46.57	22.90	11.12	35.45	<50	<0.50	<0.50	<0.50	<1.0	**10**
BC-3 DUP	08/02/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	**9.9**
BC-4	08/02/2005	44.64	20.68	10.31	34.33	**2,200**	<0.50	<0.50	**1.4**	<1.0	**18**
BC-5	08/02/2005	45.21	23.62	10.93	34.28	**61 H**	<0.50	<0.50	<0.50	<1.0	**21**
BC-6	08/03/2005	44.78	26.87	10.82	33.96	**65 H**	<0.50	<0.50	<0.50	<1.0	**31**
BC-7	08/02/2005	44.53	19.75	11.00	33.53	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-8	08/02/2005	43.46	19.47	10.03	33.43	**63 H**	<0.50	<0.50	<0.50	<1.0	**26**
BC-9[5]	-	-	-	-	-	-	-	-	-	-	**-**
BC-10S	08/02/2005	44.07	17.98	10.57	33.50	**51 H**	<0.50	<0.50	<0.50	<1.0	**31**
BC-10D	08/03/2005	44.07	23.90	11.26	32.81	**180 H**	<0.50	<0.50	<0.50	<1.0	**110**
BC-11S	08/02/2005	45.41	21.44	11.04	34.37	**52 H**	<0.50	<0.50	<0.50	<1.0	**12**
BC-11D	08/02/2005	45.41	22.69	11.08	34.33	<50	<0.50	<0.50	<0.50	<1.0	**6.3**
BC-12S	08/02/2005	44.51	18.24	10.98	33.53	<50	<0.50	<0.50	<0.50	<1.0	**0.76**
BC-12S DUP	08/02/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	**0.81**
BC-12D	08/02/2005	44.51	24.45	19.47	25.04	<50	<0.50	<0.50	<0.50	<1.0	**3.5**
BC-13S	08/03/2005	47.04	18.61	12.18	34.86	**550**	<2.5	<2.5	<2.5	<5.0	**300**
BC-13D	08/02/2005	47.04	24.50	12.15	34.89	**100 H**	<0.50	<0.50	<0.50	<1.0	**53**
BC-14S	08/03/2005	46.52	22.18	11.62	34.90	<250	<2.5	<2.5	<2.5	<5.0	**180**
BC-14D	08/03/2005	46.52	26.73	11.49	35.03	**280 H**	<1.0	<1.0	<1.0	<2.0	**220**
BC-15S	08/03/2005	45.11	17.05	10.60	34.51	<50	<0.50	<0.50	<0.50	<1.0	**3.0**
BC-15D	08/02/2005	45.11	20.72	10.61	34.50	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-17	08/02/2005	44.79	23.42	11.19	33.60	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-18	08/02/2005	44.03	30.02	10.89	33.14	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-19	08/02/2005	40.68	29.55	8.15	32.53	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-20	08/02/2005	46.58	48.53	21.80	24.78	**100 H**	<0.50	<0.50	<0.50	<1.0	**61**
BC-21	08/02/2005	43.62	46.14	21.16	22.46	**99 H**	<0.50	<0.50	<0.50	<1.0	**49**
BC-22	08/03/2005	44.46	60.41	22.93	21.53	<50	<0.50	<0.50	<0.50	<1.0	<0.50
PVT-1032S	08/02/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50
PVT-1032D	08/02/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50
PVT-3080	02/25/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50
Trip Blank	08/02/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50

[1]msl – mean sea level; [2]bgs – below ground surface; [3]Total petroleum hydrocarbons as gasoline; [4]Methyl *tert*-butyl ether; [5]BC-9 could not be located; it is buried under a layer of asphalt
H – Data qualifier indicates that the sample does not match the gasoline chromatogram standard



Legend

- Extraction Well
- Shallow Monitoring Well
- Multi-Chamber Monitoring Well
- Deep Monitoring Well
- USA Gasoline Extraction Well
- USA Gasoline Monitoring Well
- Private Well
- Building
- Site Boundary

Note: Well locations based on Figure 2, Third Quarter 2001 Groundwater Monitoring Report (Brown and Caldwell, August 2001)

N

90 0 90 Feet

Approximate Scale

MALCOLM PIRNIE

Jefferson Car Wash Site
3080 Jefferson Street, Napa, CA

Site and Well Locations
August 2005 Monitoring Report

Figure 1

August 2005

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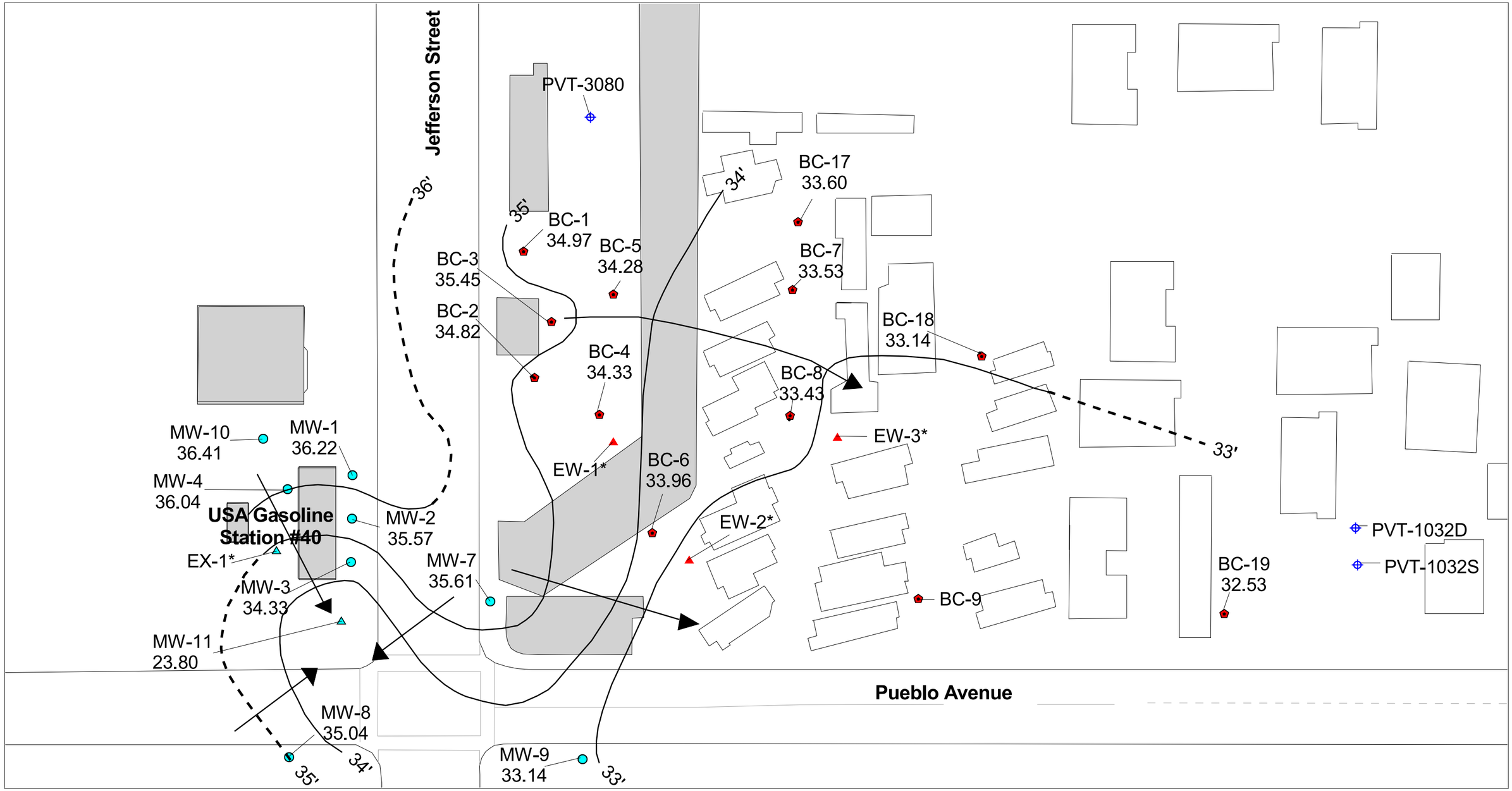

Legend

- Extraction Well
- Shallow Monitoring Well
- USA Gasoline Extraction Well
- USA Gasoline Monitoring Well
- Private Well
- Building
- Direction of Groundwater Flow

BC-4 Monitoring Well ID
34.33 Water Level Data (ft bgs) collected on August 2, 2005.
34 Groundwater Surface Elevation Contour
Contour Interval = 1 ft
* Data unavailable

NOTE: BC-9 could not be located; the well is paved over with asphalt.

N

90 0 90 Feet
Approximate Scale

Note: Well locations based on Figure 2, Third Quarter 2001 Groundwater Monitoring Report (Brown and Caldwell, August 2001)

MALCOLM PIRNIE

Crystal Car Wash Site
3080 Jefferson Street, Napa, CA

Shallow Groundwater Potentiometic Surface Contour Map
August 2005 Monitoring Report

Figure 2a

August 2005

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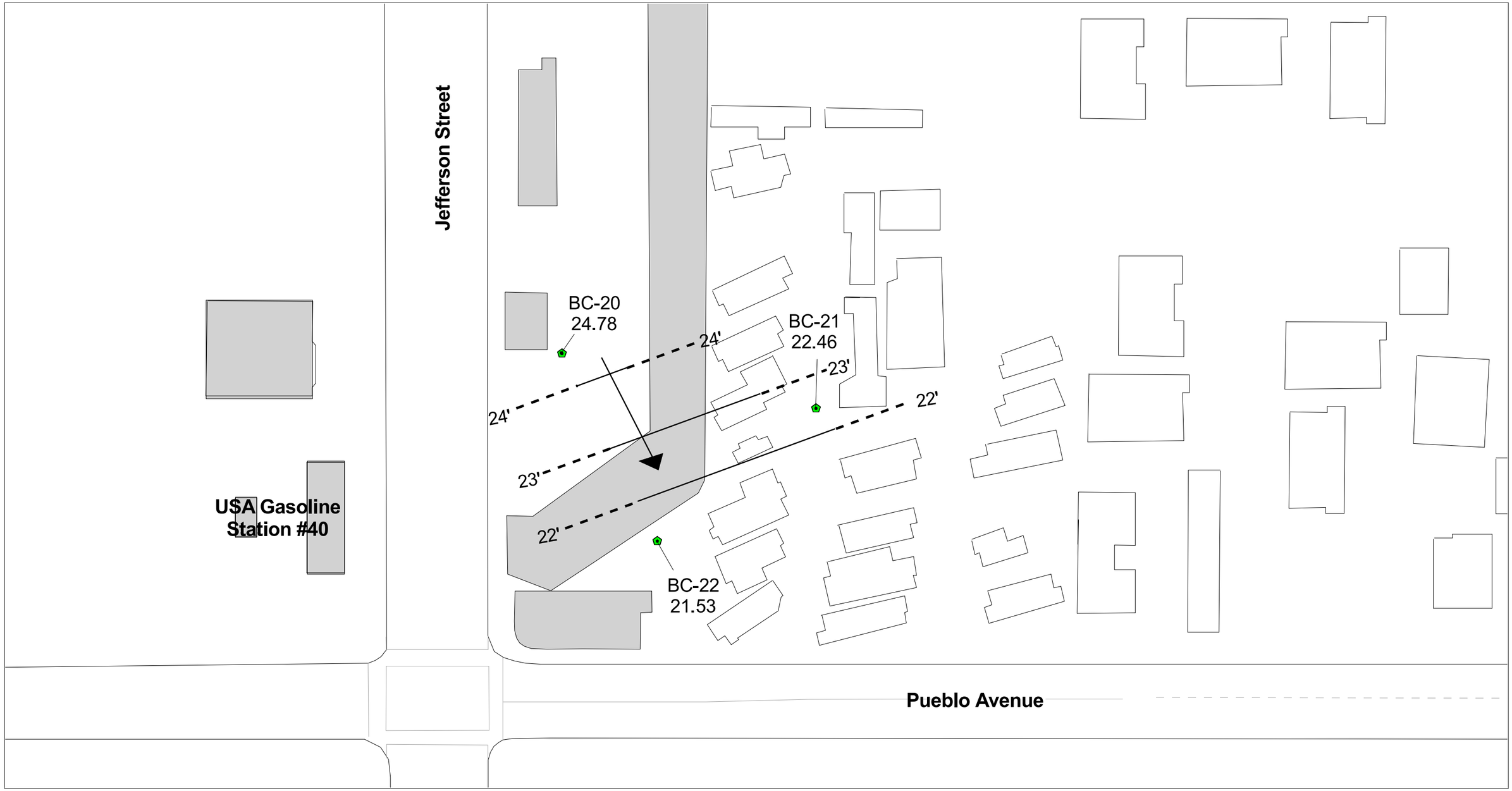

Legend

- Deep Monitoring Well
- Building
- BC-20 24.78 — Monitoring Well ID; Water Level Data (ft bgs) collected on August 2, 2005
- 24' — Deep Groundwater Potentiometric Surface Contour; Contour Interval = 1 ft
- Direction of Groundwater Flow

N

90 0 90 Feet

Approximate Scale

Note: Well locations based on Figure 2, Third Quarter 2001 Groundwater Monitoring Report (Brown and Caldwell, August 2001)

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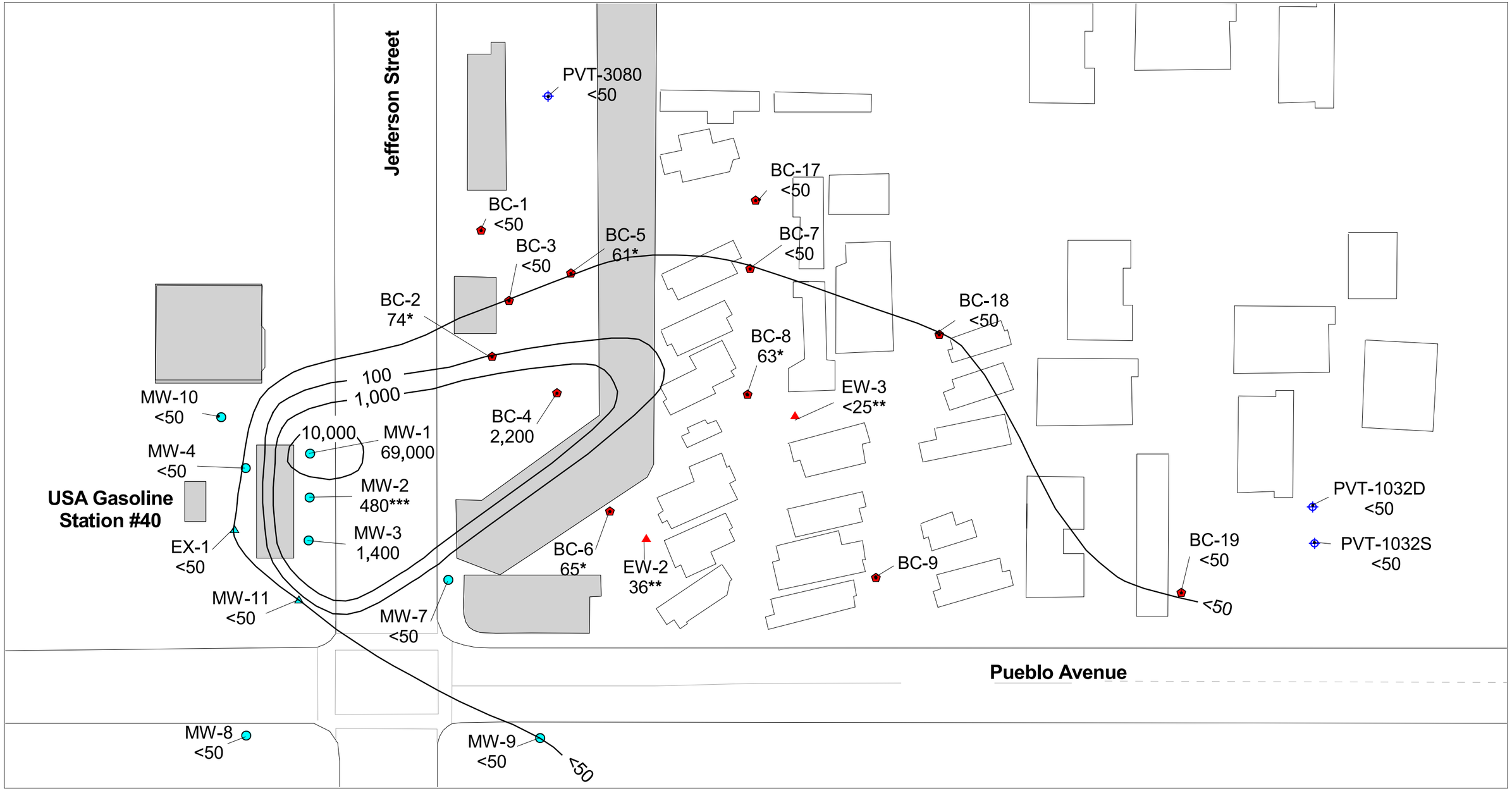
MALCOLM PIRNIE

Jefferson Car Wash Site
3080 Jefferson Street, Napa, CA

Deep Groundwater Potentiometric Surface Contour Map
August 2005 Monitoring Report

Figure 2b

August 2005



Legend

- Extraction Well
- Shallow Monitoring Well
- USA Gasoline Monitoring Well
- USA Gasoline Extraction Well
- Private Well
- Building

Note: Well locations based on Figure 2, Third Quarter 2001 Groundwater Monitoring Report (Brown and Caldwell, August 2001)

BC-1 — Well ID
<50 — TPH-G Concentration, ug/L (Sampled on August 2 and 3, 2005)
1,000 — TPH-G Isoconcentration Contour
* — Not used to draw contours. The chromatogram does not match the TPH-G standard.
** — Extraction wells were sampled on June 26, 2005; these wells were not used to draw contours.
*** — Not used to draw contours.
NOTE: BC-9 could not be located; the well is paved over with asphalt.

N

90 0 90 Feet
Approximate Scale

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Jefferson Car Wash Site
3080 Jefferson Street, Napa, CA

Total Petroleum Hydrocarbons Gasoline (TPH-G)
Isoconcentration Map for
Shallow Groundwater Monitoring Wells
August 2005 Monitoring Report

Figure 3 | August 2005

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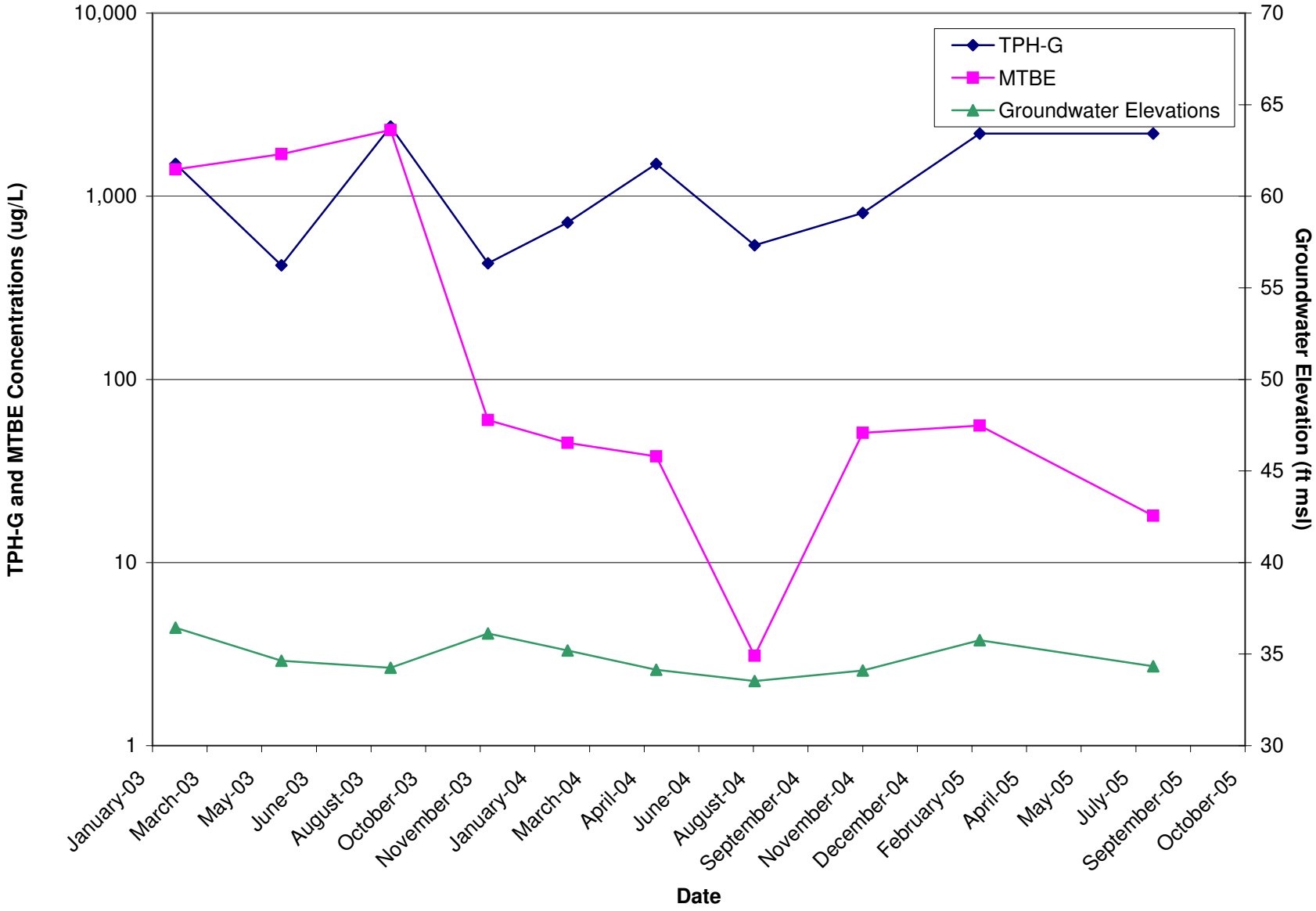
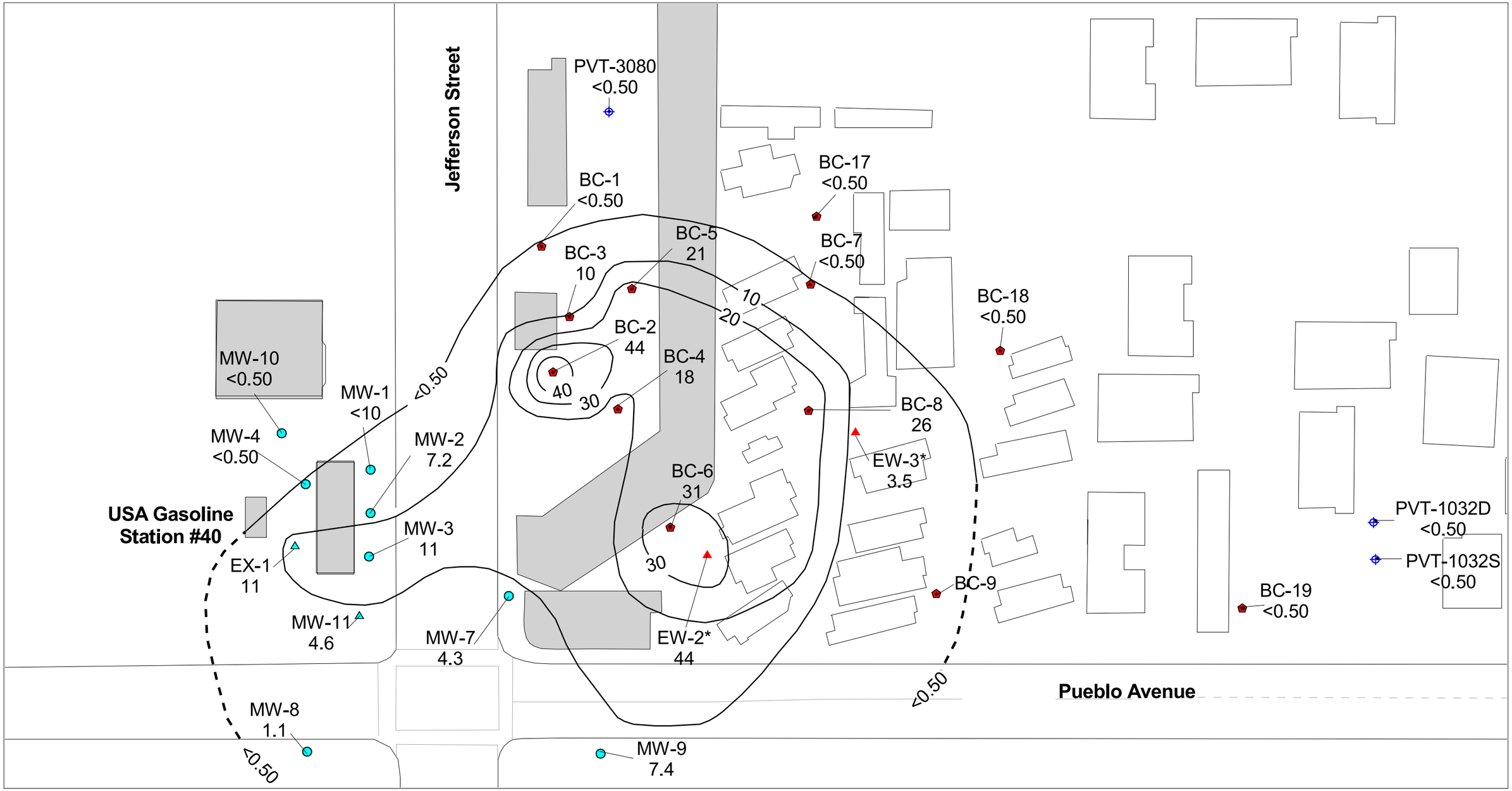
Figure 4
Groundwater Elevations and TPH-G and MTBE Concentrations versus Time in Monitoring Well BC-4





Legend

- Extraction Well
- Shallow Monitoring Well
- USA Gasoline Monitoring Well
- USA Gasoline Extraction Well
- Private Well
- Building

BC-2 Shallow Monitoring Well ID
44 MTBE Concentration, ug/L
(Sampled on August 2 and 3, 2005)

10 MTBE Isoconcentration Contour

* Extraction wells sampled on June 26, 2005; data not used for contours.

NOTE: BC-9 could not be located; the well is paved over with asphalt.

N

90 0 90 Feet
Approximate Scale

MALCOLM PIRNIE

Jefferson Car Wash Site
3080 Jefferson Street, Napa, CA

MTBE Isoconcentration Contour Map
for Shallow Groundwater Monitoring Wells
August 2005 Monitoring Report

Figure 5a

August 2005

Note: Well locations based on Figure 2, Third Quarter 2001 Groundwater Monitoring Report (Brown and Caldwell, August 2001)

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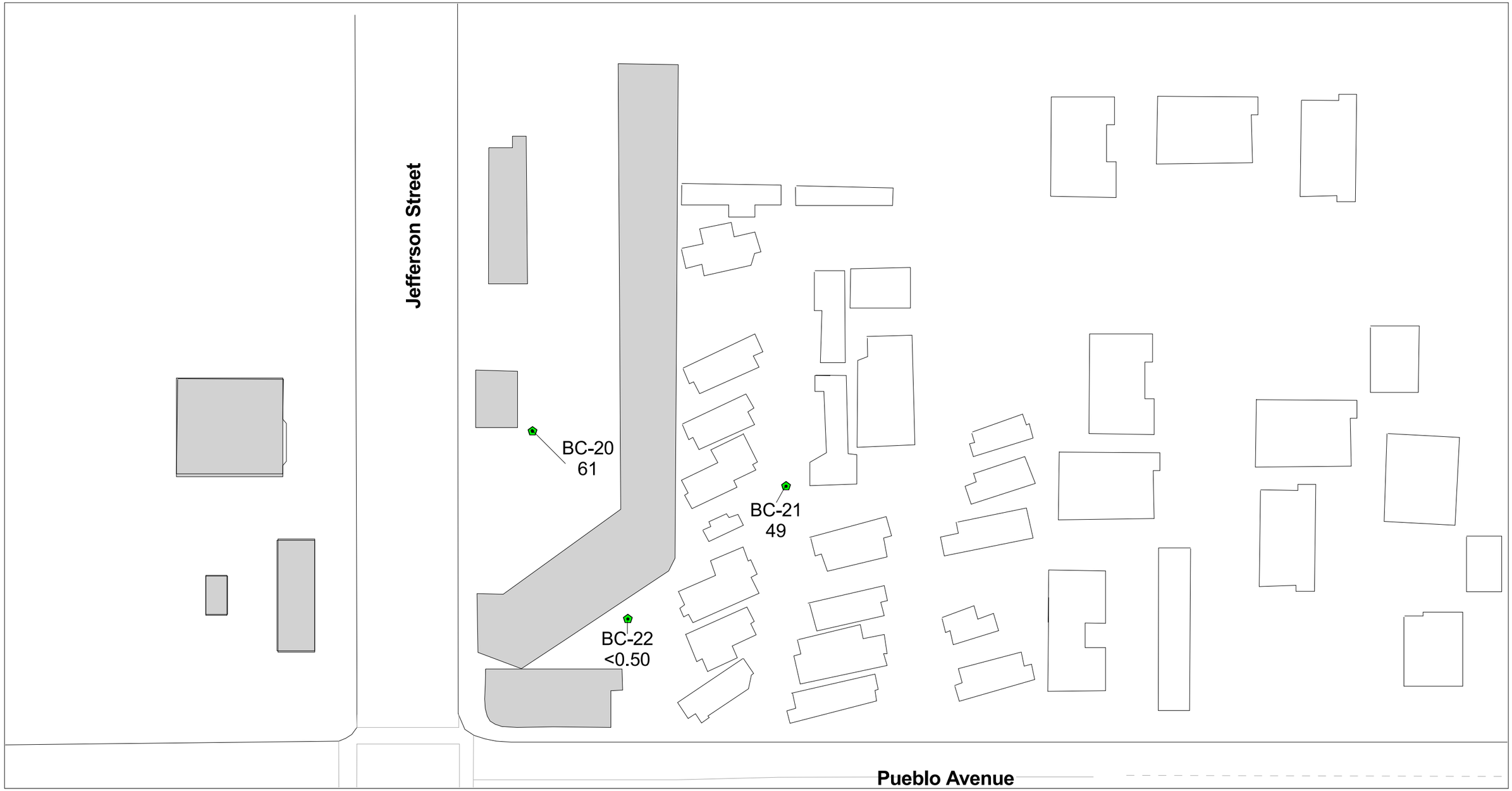

Legend

- Deep Monitoring Well
- Building

BC-21
49

Deep Monitoring Well ID
MTBE Concentration, ug/L
(Sampled on August 2 and 3, 2005)

N

90 0 90 Feet

Approximate Scale

Note: Well locations based on Figure 2, Third Quarter 2001 Groundwater Monitoring Report (Brown and Caldwell, August 2001)

MALCOLM PIRNIE

Jefferson Car Wash Site
3080 Jefferson Street, Napa, CA

MTBE Concentration Map
for Deep Groundwater Monitoring Wells
August 2005 Monitoring Report

Figure 5b

August 2005

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APPENDIX A
Field Activity Report

FIELD ACTIVITY REPORT
For

AUGUST 2005
SEMI-ANNUAL GROUNDWATER
MONITORING AND SAMPLING EVENT

JEFFERSON CAR WASH
3080 JEFFERSON STREET
NAPA, CALIFORNIA

Prepared for: Malcolm Pirnie, Inc.
2000 Powell Street, Suite 1180
Emeryville, California 94608

Date Prepared: August 8, 2005

Environmental
Sampling Services

FIELD ACTIVITY REPORT
For

AUGUST 2005
SEMI-ANNUAL GROUNDWATER MONITORING EVENT

JEFFERSON CAR WASH
NAPA, CALIFORNIA

ESS Personnel: Jacqueline Lee and Stephen Penman
Date of Activities: August 2 and 3, 2005

Decontamination Procedures

All downhole equipment was cleaned with Liqui-Nox® laboratory grade soap, potable water, and rinsed with distilled water prior to use and between each monitoring well.

Groundwater Level Measurements

Depth to groundwater was measured and recorded for twenty-nine out of thirty monitoring wells August 2, 2005. All readings were performed with Solinst® Water Level Indicator, Serial Number 25083. ESS could not re-locate monitoring well BC-9. It is buried under a layer of asphalt.

After each monitoring well was allowed to equilibrate to the atmosphere for at least 20 minutes, the water level indicator probe was lowered into the well. Three successive readings that agreed to within one-hundredth of a foot determined depth to groundwater. Depths to groundwater measurements were referenced to the surveyor's mark or north rim of well casing, whichever was noted (Table 1).

Organic vapor readings were not requested.

Field Equipment Calibration

Multi-parameter instruments with in-line flow through chambers were used to monitor water quality parameters during well purging. Each instrument was calibrated with solution standards on a daily basis (see Daily Equipment Calibration Sheet). Field measurements included: pH, Specific Conductance (uS), Temperature (Celsius), Turbidity (NTUs) and physical characteristics such as pumping water level, color, and odor (see Water Quality Sample Log Sheets).

Monitoring Well Purging Procedures

All monitoring wells were purged and sampled via low-flow purging; whereby, the well is purged at a rate no greater than 500-ml per minute. Pump intake was set at mid-screen. New pump tubing was used at the multichamber wells and dedicated tubing was present in all other wells.

6680 Alhambra Ave., #102 • Martinez, CA 94553-6105 • (925) 372-8108 • Fax: (925) 372-6705
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Five monitoring wells (BC-10D, BC-13S, BC-14S, BC-14D, and BC-15S) went dry prior to stabilization. They were allowed to recover overnight prior to sampling.

One monitoring well (BC-20) exhibited slow recharge rate, where the pumping water level dropped more than 0.2 feet. In such cases, the sample tube volume was calculated and removed prior to sampling.

Monitoring Well Sampling Procedures

Sample labels were completed with waterproof ink and affixed to sample containers prior to sample collection.

With the exception of the monitoring wells that went dry or exhibited slow recharge rates, all other monitoring wells were sampled immediately following stabilization of water quality parameters. The tubing was disconnected from the flow through chamber and the flow rate was reduced to the slowest pump speed.

During decanting, all 40-ml VOA sample containers were slightly tilted to avoid aeration or degassing. Each container was filled until there was a meniscus at the top. After capping, the container was inverted and tapped lightly to check for air bubbles. The absence of air bubbles indicated a successful seal.

All sample containers were wiped dry, placed in protective material, sealed in Ziploc® bags and placed in chilled coolers for storage and shipment.

Private Well Sampling Procedures

Sample collection from three private wells (PVT-1032S, PVT-1032D, and PVT-3080) was taken after turning on each sample port for approximately 10-20 minutes. Samples were collected directly from the sample port set at the slowest flow rate.

Sample Containers and Analyses

Severn Trent Laboratory (STL-SF) of Pleasanton, California provided all sample containers.

Each monitoring and private well was sampled for the following analyses: TPH (Gasoline)/BTEX and MTBE by EPA 8015B/8020B.

Each TPH (Gasoline)/BTEX and MTBE sample set was contained in three, non-preserved, 40-ml VOA clear glass containers.

QA/QC

Two Trip Blank sets were submitted for analysis.

Three duplicate sample sets were collected for this sampling event. The duplicates are identified with its well identification followed by the suffix, "DUP", and were collected from monitoring wells BC-2, BC-3, and BC-12S.

No other QA/QC samples were requested.

Environmental
Sampling Services

Chain of Custody (COC) Forms

All sampling and sample handling were conducted under strict chain of custody procedures. The COC included: sampler's name and signature, sample identification, sample date and time, type and number of bottles submitted, and analysis request section. The requested detection limit of 0.5ug/l for MTBE, Site Global ID #5532, Well Point, and 7-Day Holding Time were noted on each Chain of Custody. All samples were relinquished to STL-SF on August 3, 2005.

Storage of Purged Groundwater and Decontamination Water

The contents of three drums stored at the treatment system were transferred to the system's sump pump. Thereafter all three were placed inside the treatment system and one drum was used to contain the wastewater generated from this sampling event. This drum contains approximately 15 gallons. Following completion of the sampling event, one drum was rinsed and transferred to Napa Sawyer for use.

Comments

BC-9 is buried under a layer of asphalt.

Jacqueline Lee
Partner

Enclosure
Table 1: Summary of Groundwater Monitoring and Sampling
Water Sample Log Sheets
Copies of Chain of Custodies
Equipment Calibration Sheet

Table 1: Summary of August 2005 Semi-Annual Groundwater Monitoring and Sampling Event
Project Name: Jefferson Car Wash
Project Address: 3080 Jefferson Street, Napa, California

Environmental Sampling Services

Well I.D.	Groundwater Level Measurement (ft.)	Date of Measurement	Time of Measurement	Well Depth (ft.)	Sample Date	Sample Time	QA/QC	Comments
BC-1	11.31	8/2/2005	8:35	21.42	8/3/2005	11:05	None	
BC-2	11.38	8/2/2005	8:23	22.79	8/2/2005	15:38	Duplicate	
BC-3	11.12	8/2/2005	8:33	22.20	8/3/2005	9:30	Duplicate	
BC-4	10.31	8/2/2005	8:11	20.68	8/2/2005	10:54	None	
BC-5	10.93	8/2/2005	8:09	23.62	8/2/2005	14:19	None	
BC-6	10.82	8/2/2005	8:44	26.87	8/3/2005	12:01	None	
BC-7	11.00	8/2/2005	9:09	19.75	8/2/2005	16:20	None	
BC-8	10.03	8/2/2005	9:01	19.47	8/2/2005	10:32	None	
BC-9	NM	8/2/2005	8:58	18.70	NA	NA	NA	Buried under asphalt; cannot re-locate.
BC-10S	10.57	8/2/2005	9:04	17.98	8/2/2005	12:20	None	
BC-10D	11.26	8/2/2005	9:06	23.90	8/3/2005	11:00	None	Well went dry.
BC-11S	11.04	8/2/2005	8:04	21.44	8/2/2005	12:15	None	
BC-11D	11.08	8/2/2005	8:06	22.69	8/2/2005	11:40	None	
BC-12S	10.98	8/2/2005	9:10	18.24	8/2/2005	15:10	Duplicate	
BC-12D	19.47	8/2/2005	9:12	24.45	8/2/2005	15:40	None	
BC-13S	12.18	8/2/2005	8:27	18.61	8/3/2005	9:50	None	Well went dry.
BC-13D	12.15	8/2/2005	8:30	24.50	8/2/2005	17:02	None	
BC-14S	11.52	8/2/2005	8:18	22.18	8/3/2005	10:16	None	Well went dry.
BC-14D	11.49	8/2/2005	8:20	26.73	8/3/2005	10:27	None	Well went dry.
BC-15S	10.60	8/2/2005	8:13	17.05	8/3/2005	11:35	None	Well went dry.
BC-15D	10.61	8/2/2005	8:16	20.72	8/2/2005	10:11	None	
BC-17	11.19	8/2/2005	9:20	28.93	8/2/2005	16:50	None	
BC-18	10.89	8/2/2005	9:25	30.02	8/2/2005	17:34	None	
BC-19	8.15	8/2/2005	9:29	29.55	8/2/2005	18:20	None	
BC-20	21.80	8/2/2005	8:25	48.53	8/2/2005	16:11	None	Slow Well
BC-21	21.16	8/2/2005	9:00	46.14	8/2/2005	11:20	None	
BC-22	22.93	8/2/2005	8:46	60.41	8/3/2005	12.38	None	
PVT-1032-S	NM	NA	NA	NA	8/2/2005	18:48	None	
PVT-1032-D	NM	NA	NA	NA	8/2/2005	18:58	None	
PVT-3080	NM	NA	NA	NA	8/3/2005	11:20	None	

Legend:
NM = Not Measured
NA = Not Applicable

Environmental Sampling Services

WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-1** DATE 8/3/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, warm am (late)

Well Description: 3/4" 1" (2") 4" 6" Other _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 15/16" Type of lock / Lock number: _____

Observations / Comments: set pump intake @ 16.42 ft.(BTOC) Screen Interval: 11.42'-21.42' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned / (Dedicated) Bailer Line: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other _____

YSI 600XL Meter Serial No.: (319340R) / 208541R Multiparameter Probe Serial No.: 00K0300 / (00C1522)

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: (25083) / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.86 Water Level Prior To Sampling: 11.92

TD = 21.42 - 11.86 (DTW) = 9.56 (ft.of water) x "K" = 1.55 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (**"K" = .163 (2" well)**) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/3/05	10:50	Initial	6.55	21.15	336	89	NA	NA	11.86 / 11.80	tube set lt tan
	10:53	0.5	6.01	21.17	330	30	NA	NA	11.91	clear
	10:55	1.0	5.97	21.12	330	12	NA	NA	11.91	"
	10:57	1.5	5.94	20.77	330	9.5	NA	NA	11.92	"
	10:59	2.0	5.88	20.78	329	5.5	NA	NA	11.92	"
	11:01	2.5	5.91	20.80	328	6.0	NA	NA	11.92	"
	11:03	3.0	5.90	20.84	326	5.7	NA	NA	11.92	"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.25 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/3/05 @ 11:05 Analysis: TPHgas & BTEX MTBE (8026B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / (Jacki Lee) Recorded by: Jacki Lee

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-2** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, hot breezy

Well Description: 3/4" 1" (2") 4" 6" Other: _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 15/16" Type of lock / Lock number: _____

Observations / Comments: set pump intake @ 17.79 ft.(BTOC) Screen Interval: 12.79 - 22.79 Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned / (Dedicated) Bailer Line: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other: _____

YSI 600XL Meter Serial No.: (319340R) / 208541R Multiparameter Probe Serial No.: 00K0300 / (00C1522)

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: (25083) / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.56 Water Level Prior To Sampling: 11.73

TD = 22.79 - 11.56 (DTW) = 11.23 (ft.of water) x "K" = 1.83 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (("K" = .163 (2" well)) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (°C)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	15:17	Initial	6.50	25.09	508	80	NA	NA	11.66 w/ tube ret 11.68	lt tan
	15:22	0.5	6.33	24.51	499	32	NA	NA	11.68	"
	15:26	1.0	6.18	23.96	494	13	NA	NA	11.71	clear
	15:29	1.5	6.12	23.69	490	6.1	NA	NA	11.73	clear
	15:33	2.0	6.15	23.77	487	4.1	NA	NA	11.73	"
	15:36	2.5	6.18	23.76	482	3.3	NA	NA	11.73	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.25 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank (Treatment System) Other: _____ 8/2/05

Date/Time Sampled: 8/2/05 @ 15:38 Analysis: TPHgas & BTEX MTBE (8260B)

Preservative: None Total number of sample containers: 6

QA/QC: BC-2 DUP @ 15:38 as an Equipment Blank (Duplicate) MS/MSD Lab Split Field Blank

Comments: set @ slowest pump speed; then inc. slightly.

Sampled by: Stephen Penman / (Jacki Lee) Recorded by: Jacki Lee

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-3** DATE 8/3/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: ~~Sunny, hot, windy~~ Overcast am.

Well Description: 3/4" 1" (2") 4" 6" Other:_____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 15/16" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 17.20 ft.(BTOC) Screen Interval: 12.20' - 22.20' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned / (Dedicated) Bailer Line: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other: _____

YSI 600XL Meter Serial No.: (319340R) / 208541R Multiparameter Probe Serial No.: 00K0300 / (00C1522)

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: (25083) / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.92 Water Level Prior To Sampling: 12.03

TD = 22.20 - 11.92 (DTW) = 10.28 (ft.of water) x "K" = 1.67 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (K" = .163 (2" well)) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/3/05	9:16	Initial	6.66	19.80	382	74.5	NA	NA	11.91 w/probe set 11.98	tan
	9:18	0.5	6.36	19.75	375	36.3	NA	NA	12:00	"
	9:21	1.0	6.32	19.73	379	19.4	NA	NA	12.02	"
	9:24	1.5	6.36	19.69	380	10.3	NA	NA	12.03	clear
	9:26	2.0	6.36	19.89	381	6.4	NA	NA	12.03	"
	9:29	2.5	6.40	19.86	383	4.2	NA	NA	12.03	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.6 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/3/05 @ 9:30 Analysis: TPHgas & BTEX MTBE (8260B)

Preservative: None Total number of sample containers: 6

QA/QC: BC-3 DUP @ 9:30 as an Equipment Blank (Duplicate) MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / (Jacki Lee) Recorded by: Jacki Lee

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION BC-4 DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, warm; clear skies

Well Description: 3/4" 1" 2" 4" 6" Other: _____ Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 15/16" Type of lock / Lock number: None

Observations / Comments: set pump intake @ 15.56 ft.(BTOC) Screen Interval: 10.56' - 20.56 Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other: _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.51 Water Level Prior To Sampling: 10.71

TD = 20.68 - 10.51 (DTW) = 10.17 (ft.of water) x "K" = 1.65 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	10:34	Initial	6.50	21.63	815	5.4	NA	NA	10.65	clear
	10:38	0.5	6.51	21.02	809	6.9	NA	NA	10.67	"
	10:40	1.0	6.50	21.27	807	6.1	NA	NA	10.68	"
	10:45	1.5	6.50	21.49	806	4.7	NA	NA	10.68	"
	10:48	2.0	6.50	21.32	804	3.8	NA	NA	10.69	"
	10:52	2.5	6.50	21.42	801 801	3.7	NA	NA	10.70	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.8 Liters Casing Volumes Removed: NA 8/2/05

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 10:54 Analysis: TPHgas & BTEX MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Water inside well monument.

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-5** DATE 8/2/05 Sunny, hoe

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, hot (90'S°F) breezy

Well Description: 3/4" 1" 2" 4" 6" Other: _____ Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 15/16" Type of lock / Lock number: None

Observations / Comments: set pump intake @18.62 ft.(BTOC) Screen Interval: 13.62' - 23.62' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other: _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.07 Water Level Prior To Sampling: 11.26

TD = 23.62- 11.07 (DTW) = 12.55 (ft.of water) x "K" = 2.04 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (°C)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	14:06	Initial	6.48	21.91	377	90	NA	NA	11.15 w/ tube set 11.25	clear w/ orange w/ Flocculations
	14:08	0.5	6.30	21.64	371	18	NA	NA	11.25	"
	14:10	1.0	~~6.6~~ 6.10	21.57	368	15	NA	NA	11.25	clear
	14:12	1.5	5.97	21.55	370	10.4	NA	NA	11.25	"
	14:14	2.0	5.96	21.55	370	4.5	NA	NA	11.26	"
	14:16	2.5	5.97	21.60	369	3.4	NA	NA	11.26	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.9 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____ 8/2/05

Date/Time Sampled: 8/2/05 @ 14:19 Analysis: TPHgas & BTEX MTBE (8260B)

Preservative: None Total number of sample containers:

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Well located in front of "New Look Beauty Salon"and "City Nails"

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-6** DATE 8/3/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear + hot

Well Description: 3/4" 1" 2" (4") 6" Other: _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 15/16" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 21.87 ft.(BTOC) Screen Interval: 16.87' - 26.87' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned / (Dedicated) Bailer Line: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other: _____

YSI 600XL Meter Serial No.: 319340R / (208541R) Multiparameter Probe Serial No.: (00K0300 / 00C1522)

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / (25742) P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.64 Water Level Prior To Sampling: 10.93

TD = 26.87- 10.64 (DTW) = 16.23 (ft.of water) x "K" = 10.6 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) "K" = .163 (2" well) (**"K" = 0.65 (4" well)**) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/3/05	11:35	Initial	6.64	21.6	467	1.1	NA	NA	10.79	Clear
	11:39	0.5	6.37	21.2	463	0.73	NA	NA	10.85	"
	11:43	1.0	6.35	21.0	461	0.58	NA	NA	10.91	"
	11:47	1.5	6.33	20.7	458	0.54	NA	NA	10.96	"
	11:51	2.0	6.32	21.0	464	0.49	NA	NA	10.93	"
	11:55	2.5	6.32	21.4	466	0.51	NA	NA	10.94	"
	11:59	3.0	6.32	21.4	466	0.42	NA	NA	10.93	"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.4 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/3/05 @ 12:01 Analysis: TPHgas & BTEX MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: (Stephen Penman) / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-7** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear, breezy and hot

Well Description: 3/4" 1" (2") 4" 6" Other ____ Well Type: (PVC) Stainless Steel Other: ____

Is Well Secured? (Yes) / No Bolt Size: 9/16" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 14.75 ft.(BTOC) Screen Interval: 9.75' - 19.75' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: ____

Pump Lines: NA New / Cleaned / (Dedicated) Bailer Line: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: ____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: ____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other ____

YSI 600XL Meter Serial No.: 319340R / (208541R) Multiparameter Probe Serial No. (00K0300) / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / (25742) P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.98 Water Level Prior To Sampling: 11.00

TD = 19.75 - 10.98 (DTW) = 8.77 (ft.of water) x "K" = 1.4 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (("K" = .163 (2" well)) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	16:07	Initial	6.63	22.5	339	16.3	NA	NA	11.00	Clear
	16:10	0.5	6.37	22.2	336	5.5	NA	NA	11.00	"
	16:12	1.0	6.30	21.9	333	4.2	NA	NA	11.00	"
	16:14	1.5	6.26	22.0	332	3.6	NA	NA	11.00	"
	16:16	2.0	6.23	21.9	332	3.8	NA	NA	11.00	"
	16:18	2.5	6.23	21.9	331	3.2	NA	NA	11.00	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.9 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: ____

Date/Time Sampled: 8/2/05 @ 16:20 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ —— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: ____

Sampled by: (Stephen Penman) / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-8** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear and Warm

Well Description: 3/4" 1" (2") 4" 6" Other: _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 9/16" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 14.35 ft.(BTOC) Screen Interval: 9.35 - 19.35 ft. Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned (Dedicated) Bailer Line: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other: _____

YSI 600XL Meter Serial No.: 319340R / (208541R) Multiparameter Probe Serial No.: (00K0300) / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / (25742) P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.03 Water Level Prior To Sampling: 10.23

TD = 19.47 - 10.03 (DTW) = 9.44 (ft.of water) x "K" = 1.5 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (" K" = .163 (2" well)) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	10:10	Initial	7.50	20.4	289	8.01	NA	NA	10.23	Slightly Cloudy
	10:13	0.5	6.85	20.4	278	3.82	NA	NA	10.23	Clear
	10:16	1.0	6.48	20.6	279	2.41	NA	NA	10.23	"
	10:19	1.5	6.44	20.7	283	2.28	NA	NA	10.23	"
	10:22	2.0	6.42	20.8	285	1.79	NA	NA	10.23	"
	10:26	2.5	6.41	20.7	284	1.63	NA	NA	10.23	"
	10:30	3.0	6.41	20.7	281	1.27	NA	NA	10.23	"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.4 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 10:32 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by (Stephen Penman) / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-9** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: _____

Well Description: 3/4" 1" 2" 4" 6" Other _____ Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 9/16" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 13.58 ft.(BTOC) Screen Interval: 8.58 - 18.58 ft. Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): _____ Water Level Prior To Sampling: _____

TD = 18.70 - _____ (DTW) = _____ (ft.of water) x "K" = _____ (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
		Initial					NA	NA		
		0.5					NA	NA		
		1.0					NA	NA		
		1.5					NA	NA		
		2.0					NA	NA		
		2.5					NA	NA		
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: NA Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: — @ _____ Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers:

QA/QC: — @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Cannot locate well, driveway was completely resurfaced - (well is covered - by Asphalt).

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-10S** DATE 8/02/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear, breezy and warm

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 17.36 ft.(BTOC) Screen Interval: 16.98' - 17.98 ' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.57 Water Level Prior To Sampling: NA

TD = 17.98 - 10.57 (DTW) = 7.41 (ft.of water) x "K" = 296.4 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	11:56	Initial	7.40	21.6	355	17.3	NA	NA	NA	Clear
	11:59	0.5	7.04	21.1	345	14.8	NA	NA	"	"
	12:02	1.0	6.77	21.1	345	15.5	NA	NA	"	"
	12:06	1.5	6.62	21.1	345	13.8	NA	NA	"	"
	12:09	2.0	6.57	21.1	345	13.3	NA	NA	"	"
	12:13	2.5	6.54	21.1	345	13.1	NA	NA	"	"
	12:17	3.0	6.53	21.1	344	14.2	NA	NA	"	"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.4 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 12:20 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-10D** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear + Hot

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 23.38 ft.(BTOC) Screen Interval: 22.98' - 23.78' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.26 Water Level Prior To Sampling: 11.26 on 8/3/05 @ 10:58

TD = 23.90 - 11.26 (DTW) = 12.64 (ft.of water) x "K" = 506 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	14:00	Initial	6.97	22.1	411	7.17	NA	NA	NA	Clear
	14:04	0.5	6.54	22.6	403	21.8	NA	NA	"	"
	14:09	1.0	6.37	23.2	407	18.0	NA	NA	"	"
	14:13	1.5	6.37	23.4	409	16.7	NA	NA	"	"
	14:17	2.0	6.35	23.6	411	15.1	NA	NA	"	"
	14:21	2.5	6.39	23.5	412	13.8	NA	NA	"	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.9 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/3/05 @ 11:00 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Dry @ 2.9 Liters

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-11S** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, clear skies ~80's°F; slight breeze

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 20.75 ft.(BTOC) Screen Interval: 20.0' - 21.10' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.04 Water Level Prior To Sampling: 11.25

TD = 21.44 - 11.04 (DTW) = 10.40 (ft.of water) x "K" = 4.16 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (°C)	Specific Conductance mS µS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	11:50	Initial	6.25	22.00	349	20.0	NA	NA	NA	clear
	11:53	0.5	6.22	21.66	348	4.2	NA	NA		"
	11:57	1.0	6.05	21.64	345	12.0	NA	NA		"
	12:02	1.5	6.06	21.69	344	10.9	NA	NA		"
	12:05	2.0	6.11	21.63	344	10.4	NA	NA		"
	12:10	2.5	6.13	21.80	343	10.9	NA	NA		"
	12:14	3.0	6.17	21.90	343	8.7	NA	NA		"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.1 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 12:15 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Black Mark designates correct chamber

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-11D** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, clear skies ~80's°F; slight breeze

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 22.44 ft.(BTOC) Screen Interval: 21.7' - 22.0' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.08 Water Level Prior To Sampling: 11.30

TD = 22.69 - 11.08 (DTW) = 11.61 (ft.of water) x "K" = 464.4 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (°C)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	11:24	Initial	6.60	21.95	343	103	NA	NA	NA	cloudy Lt tan
	11:27	0.5	6.26	21.56	339	16.4	NA	NA	NA	clear
	11:29	1.0	6.15	21.47	339	6.8	NA	NA		"
	11:32	1.5	6.12	21.34	339	3.6	NA	NA		"
	11:35	2.0	6.14	21.40	339	2.2	NA	NA		"
	11:38	2.5	6.13	21.41	338	1.3	NA	NA		"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.8 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____ 8/2/05

Date/Time Sampled: 8/2/05 @ 11:40 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / Jacki Lee Recorded by: Jacki Lee

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WATER QUALITY SAMPLE LOG SHEET

WELL IDENTIFICATION **BC-12S** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear hot + breezy

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 17.59 ft.(BTOC) Screen Interval: 17.3' - 18.6' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.98 Water Level Prior To Sampling: NA

TD = 18.24 - 10.98 (DTW) = 7.26 (ft.of water) x "K" = 290.4 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (°C)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	14:53	Initial	6.69	22.3	348	6.30	NA	NA	NA	Clear
	14:56	0.5	6.30	22.1	344	2.16	NA	NA	"	"
	14:59	1.0	6.29	22.1	343	0.58	NA	NA	"	"
	15:03	1.5	6.25	22.1	343	0.35	NA	NA	"	"
	15.06	2.0	6.23	21.9	342	0.24	NA	NA	"	"
	15:09	2.5	6.23	21.9	341	0.21	NA	NA	"	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.9 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 15:10 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 6

QA/QC: BC-12S-DUP @ 15:10 as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Black Mark designates correct chamber

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-12D** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear, Hot + Breezy

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 22.1 ft.(BTOC) Screen Interval: 19.8 - 24.5 ft. Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 19.47 Water Level Prior To Sampling: NA

TD = 24.45 - 19.47 (DTW) = 4.98 (ft.of water) x "K" = 199.2 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	15:26	Initial	6.45	21.7	343	71.1	NA	NA	NA	cloudy
	15:28	0.5	6.30	21.3	343	68.9	NA	NA	"	"
	15:30	1.0	6.28	21.4	344	66.2	NA	NA	"	"
	15:32	1.5	6.25	21.5	344	65.7	NA	NA	"	"
	15:34	2.0	6.24	21.3	344	64.1	NA	NA	"	"
	15:36	2.5	6.24	21.4	343	59.8	NA	NA	"	"
	15:38	3.0	6.23	21.3	344	40.4	NA	NA	"	"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.4 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 15:40 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Well located in driveway to Trailer #24

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-13S** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, hot, windy

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: _____ Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 18.06 ft.(BTOC) Screen Interval: 17.5 - 18.6 ft. Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No. 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 12.30 Water Level Prior To Sampling: 12.33 on 8/3/05 @ 9:44

TD = 18.61 - 12.30 (DTW) = 6.31 (ft.of water) x "K" = 252.4 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	17:15	Initial	6.09	22.52	503	24	NA	NA	NA	clear
		0.5					NA	NA		Dry @ 340 on le 17:17
		1.0					NA	NA		
		1.5					NA	NA		
		2.0					NA	NA		
		2.5					NA	NA		
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 0.34 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____ 8/2/05

Date/Time Sampled: 8/3/05 @ 9:50 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Chamber marked with black

Sampled by: Stephen Penman / Jacki Lee Recorded by: Jacki Lee

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-13D** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, hot, windy

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 23.0 ft.(BTOC) Screen Interval: 21.5' - 24.0' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 12.36 Water Level Prior To Sampling: 12.62

TD = 24.50 - 12.36 (DTW) = 12.14 (ft.of water) x "K" = 485.6 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	16:46	Initial	6.75	23.46	340	525	NA	NA	NA	BRN
	16:50	0.5	6.19	22.33	345	500	NA	NA		"
	16:53	1.0	6.08	21.66	342	173	NA	NA		Lt-tan
	16:55	1.5	6.03	21.42	342	122	NA	NA		"
	16:58	2.0	6.02	21.39	342	107	NA	NA		"
	17:00	2.5	6:02	21.40	344	106	NA	NA		
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.6 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 65 Gallon Drum(s) Poly Tank Treatment System Other: _____ 9/2/05

Date/Time Sampled: 8/2/05 @ 17:02 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / Jacki Lee Recorded by: Jacki Lee

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-14S** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sonny, hot, breezy

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 21.81 ft.(BTOC) Screen Interval: 21.7' - 22.2' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.81 Water Level Prior To Sampling: 11.83 on 8/3/05 @ 10:10

TD = 22.18 - 11.81 (DTW) = 10.37 (ft.of water) x "K" = 414ml (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	15:03	Initial	~~5.84~~ 7.31	24.38	579	2.5	NA	NA	NA	clear
	15:06	0.4 ~~0.5~~	7.19	24.59	566	4.7	NA	NA		clear Dry @ 0.52L
		1.0					NA	NA		
		1.5					NA	NA		
		2.0					NA	NA		
		2.5					NA	NA		
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 0.52 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/3/05 @ 10:16 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / Jacki Lee Recorded by: Jacki Lee

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-14D** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny; hot ; breezy

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 1/2" Type of lock / Lock number: ~~Delphin~~ None

Observations / Comments: set pump intake @ 26.36 ft.(BTOC) Screen Interval: 26.3 - 26.8 ft. Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 12.60 Water Level Prior To Sampling: 12.54 @ 10:23 on 8/3/05

TD = 26.73 - 12.60 (DTW) = 14.13 (ft.of water) x "K" = 565.2ml (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS µS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	14:51	Initial	7.13	24.94	641	21.8	NA	NA	NA	clear
	14:54	0.5	7.13	24.35	621	8.5	NA	NA		Dry @ 700ml @ 14:57
		1.0					NA	NA		
		1.5					NA	NA		
		2.0					NA	NA		
		2.5					NA	NA		
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: .70 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/3/05 @ 10:27 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-15S** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Foggy early am to clear skies (exp. hi's in 90's sep)

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 1/2" Type of lock / Lock number: ~~None~~ Dolphin

Observations / Comments: set pump intake @ 16.38 ft.(BTOC); ~~710~~ Screen Interval: 16.7 - 17.8 ft. Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.60 Water Level Prior To Sampling: 10.89 @ 11:30 on 8/3/05

TD = 17.05 - 10.60 (DTW) = 6.45 (ft.of water) x "K" = 258ml (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	9:44	Initial	6.59	21.19	627	2.09	NA	NA	NA	clear
	9:49	0.5	7.03	21.23	626	2.12	NA	NA		" Dry @ 9:48
		1.0					NA	NA		
		1.5					NA	NA		
		2.0					NA	NA		
		2.5					NA	NA		
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 0.9 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System 9/8/05 Other: _____

Date/Time Sampled: 8/3/05 @ 11:35 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-15D** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Foggy am breaking to clear skies (exp. hi of 90's)

Well Description: 1" 2" Other: Multichamber Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 1/2" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 20.22 ft.(BTOC) Screen Interval: 20.3 - 21.1 ft. Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 819340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.61 Water Level Prior To Sampling: 10.85 AFT.

TD = 20.72 - 10.61 (DTW) = 10.11 (ft.of water) x "K" = 404.4 (ml/CV) x NA (No. of CV) = NA (ml)

"K"= 40 ml/ft (Multichamber) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	09:59	Initial	6.07	21.16	605	15.3	NA	NA	NA	clear
	10:00	0.5	6.32	20.79	608	4.0	NA	NA		clear
	10:02	1.0	6.30	20.77	607	1.3	NA	NA		"
	10:05	1.5	6.46	20.59	600	12.4	NA	NA		clear w/ white particles.
	10:08	2.0	6.28	20.73	606	14.8	NA	NA		"
	10:10	2.5	6.28	20.71	605	4.8	NA	NA		"
	10:12	3.0	6.28	20.57	603	1.1	NA	NA		"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.2 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank ~~Treatment System~~ Other: _____ 8/2/05

Date/Time Sampled: 8/2/05 @ 10:11 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-17** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: clear, hot + breezy

Well Description: 3/4" 1" (2") 4" 6" Other _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) No Bolt Size: 3/4" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 23.93 ft.(BTOC) Screen Interval: 18.93' - 28.93' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned / (Dedicated) Bailer Line: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other _____

YSI 600XL Meter Serial No.: 319340R / (208541R) Multiparameter Probe Serial No.: (00K0300) / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / (25742) P.I.D. Reading: NA ppm

Water Level at Start (DTW): 11.17 Water Level Prior To Sampling: 11.19

TD = 28.93 - 11.17 (DTW) = 17.76 (ft.of water) x "K" = 2.9 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (("K" = .163 (2" well)) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	16:36	Initial	6.33	22.6	371	3.2	NA	NA	11.19	Clear
	16:38	0.5	6.22	21.9	368	3.1	NA	NA	11.19	"
	16:40	1.0	6.15	21.7	365	1.6	NA	NA	11.19	"
	16:42	1.5	6.13	21.8	365	1.3	NA	NA	11.19	"
	16:44	2.0	6.12	21.8	365	0.9	NA	NA	11.19	"
	16:46	2.5	6.11	21.8	367	1.2	NA	NA	11.19	"
	16:48	3.0	6.10	21.7	367	0.9	NA	NA	11.19	"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.4 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 16:50 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: (Stephen Penman) / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-18** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear breezy + hot.

Well Description: 3/4" 1" (2") 4" 6" Other _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 15/16" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 25.02 ft.(BTOC) Screen Interval: 20.02' - 30.02' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned (Dedicated) Bailer Lines: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other _____

YSI 600XL Meter Serial No.: 319340R / (208541R) Multiparameter Probe Serial No.: (00K0300) / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / (25742) P.I.D. Reading: NA ppm

Water Level at Start (DTW): 10.87 Water Level Prior To Sampling: 10.89

TD = 30.02 - 10.87 (DTW) = 19.15 (ft.of water) x "K" = 3.1 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (("K" = .163 (2" well)) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	17:19	Initial	6.52	22.3	323	53.5	NA	NA	10.89	Slightly Cloudy
	17:21	0.5	6.35	21.2	311	17.2	NA	NA	10.89	Clear
	17:24	1.0	6.29	21.2	311	11.2	NA	NA	10.89	"
	17:26	1.5	6.26	21.1	310	9.8	NA	NA	10.89	"
	17:28	2.0	6.24	21.2	309	5.6	NA	NA	10.89	"
	17:30	2.5	6.23	20.9	309	4.3	NA	NA	10.89	"
	17:32	3.0	6.23	20.9	309	3.8	NA	NA	10.89	"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.4 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 17:34 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: (Stephen Penman) / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-19** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear hot + breezy

Well Description: 3/4" 1" (2") 4" 6" Other _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 3/4" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 24.55ft.(BTOC) Screen Interval: 19.55' - 29.55' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned / (Dedicated) Bailer Line: (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other _____

YSI 600XL Meter Serial No.: 319340R / (208541R) Multiparameter Probe Serial No.: (00K0300) / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / (25742) P.I.D. Reading: NA ppm

Water Level at Start (DTW): 8.13 Water Level Prior To Sampling: 8.30

TD = 29.55 - 8.13 (DTW) = 21.42 (ft.of water) x "K" = 3.5 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (**"K" = .163 (2" well)**) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	17:59	Initial	6.42	20.5	380	44.5	NA	NA	8.26	Slightly Cloudy
	18:02	0.5	6.18	20.0	387	26.1	NA	NA	8.27	"
	18:06	1.0	6.14	20.1	387	5.23	NA	NA	8.30	Clear
	18:10	1.5	6.12	20.1	388	3.9	NA	NA	8.30	"
	18:14	2.0	6.12	20.1	388	2.5	NA	NA	8.30	"
	18:18	2.5	6.11	20.1	388	2.2	NA	NA	8.30	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.9 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 18:20 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: (Stephen Penman) / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-20** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: sunny, hot, breezy

Well Description: 3/4" 1" (2") 4" 6" Other _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 15/16" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 43.53 ft.(BTOC) Screen Interval: 38.53' - 48.53' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned / (Dedicated) Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other _____

YSI 600XL Meter Serial No.: (319340R) / 208541R Multiparameter Probe Serial No.: 00K0300 / (00C1523)

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: (25083) / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 24.18 Water Level Prior To Sampling: 25.89↓

TD = 48.53 - 24.18 (DTW) = 24.35 (ft.of water) x "K" = 3.96 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (K" = .163 (2" well)) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (µS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	16:00	Initial	6.94	23.84	353	46.2	NA	NA	24.16 w/ tube set 24.51	slightly cloudy.
	16:05	0.5	6.59	23.42	345	67	NA	NA	25.18	"
	16:10	1.0	6.51	23.51	343	48	NA	NA	25.89	"
		1.5					NA	NA		
		2.0					NA	NA		
		2.5					NA	NA		
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 1.25 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank (Treatment System) Other: _____ 9/8/2005

Date/Time Sampled: 8/2/05 @ 16:11 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: Sample tube vol. = 974 ml

Sampled by: Stephen Penman / (Jacki Lee) Recorded by: Jacki Lee

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WATER QUALITY SAMPLE LOG SHEET

WELL IDENTIFICATION **BC-21** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear and Warm

Well Description: 3/4" 1" 2" 4" 6" Other _____ Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: 15/16" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 41.14 ft.(BTOC) Screen Interval: 36.14' - 46.14' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: _____

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other _____

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / 25742 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 21.24 Water Level Prior To Sampling: 21.52

TD = 46.14 - 21.24 (DTW) = 24.90 (ft.of water) x "K" = 4.05 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/2/05	10:54	Initial	7.44	20.9	415	16.6	NA	NA	21.57	Clear
	10:58	0.5	6.83	21.3	419	11.6	NA	NA	21.52	"
	11:03	1.0	6.65	22.0	425	6.09	NA	NA	21.52	"
	11:08	1.5	6.59	22.4	430	5.34	NA	NA	21.52	"
	11:13	2.0	6.58	21.8	426	4.84	NA	NA	21.52	"
	11:18	2.5	6.57	21.8	426	4.06	NA	NA	21.52	"
		3.0					NA	NA		
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 2.9 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/2/05 @ 11:20 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **BC-22** DATE 8/3/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear and hot

Well Description: 3/4" 1" (2") 4" 6" Other _____ Well Type: (PVC) Stainless Steel Other: _____

Is Well Secured? (Yes) / No Bolt Size: 3/4" Type of lock / Lock number: Dolphin

Observations / Comments: set pump intake @ 55.41 ft.(BTOC) Screen Interval: 50.41' - 60.41' Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump (Peristaltic Pump) Other: _____

Pump Lines: NA New / Cleaned (Dedicated) Bailer Line (NA) New / Cleaned / Dedicated

Method of Cleaning Pump: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: (NA) Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer (Peristaltic Pump) Other _____

YSI 600XL Meter Serial No.: 319340R / (208541R) Multiparameter Probe Serial No.: (00K0300) /

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: 25083 / (25742) P.I.D. Reading: NA ppm

Water Level at Start (DTW): 24.33 Water Level Prior To Sampling: 24.35

TD = 60.41 - 24.33 (DTW) = 36.08 (ft.of water) x "K" = 5.9 (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) (**"K" = .163 (2" well)**) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS (uS)	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
8/3/05	12:17	Initial	7.37	22.4	317	45.3	NA	NA	24.35	Slightly Cloudy
	12:21	0.5	7.13	21.6	310	24.8	NA	NA	24.35	Clear
	12:24	1.0	7.08	21.1	305	19.7	NA	NA	24.35	"
	12:27	1.5	7.06	20.9	302	15.4	NA	NA	24.35	"
	12:30	2.0	7.04	21.0	301	13.3	NA	NA	24.35	"
	12:33	2.5	7.05	21.1	300	4.0	NA	NA	24.35	"
	12:36	3.0	7.04	21.1	300	3.7	NA	NA	24.35	"
		3.5					NA	NA		
		4.0					NA	NA		

Total Discharge: 3.4 Liters Casing Volumes Removed: NA

Method of disposal of discharged water: (55 Gallon Drum(s)) Poly Tank Treatment System Other: _____

Date/Time Sampled: 8/3/05 @ 12:38 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Sampled by: (Stephen Penman) / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **PVT-1032S** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear, warm + breezy

Well Description: 3/4" 1" 2" 4" 6" Other _____ Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes No Bolt Size: N/A Type of lock / Lock number: None

Observations / Comments: set pump intake @ NA ft.(BTOC) Screen Interval: Unknown Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: **Dedicated Pump**

Pump Lines: NA New / Cleaned Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other: Spigot

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: NA P.I.D. Reading: NA ppm

Water Level at Start (DTW): NA Water Level Prior To Sampling: NA

TD = NA - NA (DTW) = NA (ft.of water) x "K" = NA (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
NA	NA	Initial	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4.0	NA	NA	NA	NA	NA	NA	NA	NA

Total Discharge: NA Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: Ground

Date/Time Sampled: 8/2/05 @ 18:48 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: **Private Well inside shed** – turned spigot on at 18:30

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **PVT-1032D** DATE 8/2/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Clear, warm + breezy

Well Description: 3/4" 1" 2" 4" 6" Other _____ Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: N/A Type of lock / Lock number: None

Observations / Comments: set pump intake @ NA ft.(BTOC) Screen Interval: NA Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: **Dedicated Pump**

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other: Spigot

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: NA P.I.D. Reading: NA ppm

Water Level at Start (DTW): NA Water Level Prior To Sampling: NA

TD = NA - NA (DTW) = NA (ft.of water) x "K" = NA (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
NA	NA	Initial	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4.0	NA	NA	NA	NA	NA	NA	NA	NA

Total Discharge: NA Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: Ground

Date/Time Sampled: 8/2/05 @ 18:58 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ ——— as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: **Private Well by the office** - turned spigot on at 18:38

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **PVT-3080** DATE 8/3/05

Project Name: Jefferson Car Wash - Napa, CA Project No.: 4459-010 Project Manager: Todd Miller

Laboratory: STL San Francisco Weather Conditions: Sunny, warm, clear skies

Well Description: 3/4" 1" 2" 4" 6" Other _____ Well Type: PVC Stainless Steel Other: _____

Is Well Secured? Yes / No Bolt Size: N/A Type of lock / Lock number: None

Observations / Comments: set pump intake @ NA ft.(BTOC) Screen Interval: Unknown Footvalve: No

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump Peristaltic Pump Other: **Dedicated Pump**

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer Peristaltic Pump Other: Spigot

YSI 600XL Meter Serial No.: 319340R / 208541R Multiparameter Probe Serial No.: 00K0300 / 00C1522

Equipment Calibration: See Daily Equipment Calibration Sheet

Method to Measure Water Level: Slope Indicator Serial No.: NA P.I.D. Reading: NA ppm

Water Level at Start (DTW): NA Water Level Prior To Sampling: NA

TD = NA - _____ (DTW) = _____ (ft.of water) x "K" = _____ (Gals./CV) x NA (No. of CV) = NA (Gals.)

"K"= 0.002 (3/4" well) "K" = 0.04 (1" well) "K" = .163 (2" well) "K" = 0.65 (4" well) "k" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Liters)	pH	Temp. (ºC)	Specific Conductance mS uS	Turbidity (NTU's)	Redox (mV)	Dissolved Oxygen (mg/L)	Water Level (BTOC)	Color
NA	NA	Initial	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	0.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.5	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4.0	NA	NA	NA	NA	NA	NA	NA	NA

Total Discharge: NA Liters Casing Volumes Removed: NA

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other: Ground

Date/Time Sampled: 8/3/05 @ 11:20 Analysis: TPHgas, BTEX & MTBE (8260B)

Preservative: None Total number of sample containers: 3

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: **Private Well**. Inside car wash stall: Spiquot between 2 holding tanks; closest to pump in driveway.

Spiquot on @ 11:10

Sampled by: Stephen Penman / Jacki Lee Recorded by: [signature]

6680 Alhambra Ave., #102 • Martinez, CA 94553-6105 • (925) 372-8108 • Fax: (925) 372-6705
www.envsampling.com

SEVERN TRENT STL

STL San Francisco Chain of Custody

1220 Quarry Lane ● Pleasanton CA 94566-4756
Phone: (925) 484-1919 ● Fax: (925) 484-1096
Email: info@chromalab.com

Reference #: _____

Date 08/02/2005 Page 1 of 2

Report To

Attn: Maryline Laugier
Company: Malcolm Pirnie, Inc
Address: 2000 Powell Street, Suite 1180 Emeryville, CA 94608
Phone: 510/596-3060 Email: ——
Bill To: Malcolm Pirnie, Inc. White Plains, NY
Sampled By: ESS Stephen Penman
Attn: Accts. Payable
Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☒ 8260B ☒ Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease (EPA 1664) ☐ Petroleum ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	☐ W.E.T (STLC) ☐ TCLP	Hexavalent Chromium ☐ pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity ☐ TSS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4				Number of Containers
Trip Blank	8/2/05	10:15	H_2O	HCl	X																			2
BC-8	8/2/05	10:32	H_2O	—	X																			3
BC-21	8/2/05	11:20	H_2O	—	X																			3
BC-10S	8/2/05	12:20	H_2O	—	X																			3
BC-12S	8/2/05	15:10	H_2O	—	X																			3
BC-12S-DUP	8/2/05	15:10	H_2O	—	X																Well Point = BC-12S			3
BC-12D	8/2/05	15:40	H_2O	—	X																			3
BC-7	8/2/05	16:20	H_2O	—	X																			3
BC-17	8/2/05	16:50	H_2O	—	X																			3
BC-18	8/2/05	17:34	H_2O	—	X																			3

Project Info.

Project Name: Jefferson Car Wash
Project#: 4459-010
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 4°C
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h | Other: 7 Day Holding Time

Report: ☑ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☑ State Tank Fund EDF ☑ Global ID 5532

Special Instructions / Comments:

Detection limit for MTBE needs to be 0.5 µg/L

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 16:25	Signature: [signature] Time: 18:10	Signature: Time:
Printed Name: Stephen Penman Date: 8/3/05	Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: Date:
Company: Environmental Sampling Svcs.	Company: Env. Sampl. Svcs	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 16:25	Signature: [signature] Time: 18:10	Signature: Time:
Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: T. Bullock 8/3/05	Printed Name: Date:
Company: Env. Sampl. Svcs.	Company: STL-SF	Company:

Rev 07/02

SEVERN TRENT STL

STL San Francisco Chain of Custody

1220 Quarry Lane ● Pleasanton CA 94566-4756
Phone: (925) 484-1919 ● Fax: (925) 484-1096
Email: info@chromalab.com

Reference #: _____

Date 8/02/05 - 8/3/05 Page 2 of 2

Report To

Attn: Maryline Laugier
Company: Malcolm Pirnie Inc.
Address: 2000 Powell Street, Suite 1180 Emeryville, CA 94608
Phone: 510/596-3060 Email:
Bill To: Malcolm Pirnie, Inc. White Plains, NY
Sampled By: ESS Stephen Penman
Attn: Accts. Payable
Phone: —

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☒ 8260B ☒ Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease (EPA 1664) ☐ Petroleum ☐ Total	Pesticides PCBs ☐ EPA 8081 ☐ 608 ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	☐ W.E.T (STLC) ☐ TCLP	Hexavalent Chromium ☐ pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity ☐ TSS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4					Number of Containers
BC-19	8/2/05	18:20	H_2O	—	X																					3
PVT-1032S	8/2/05	18:48	H_2O	—	X																					3
PVT-1032D	8/2/05	18:58	H_2O	—	X																					3
BC-10D	8/3/05	11:00	H_2O	—	X																					3
BC-6	8/3/05	12:01	H_2O	—	X																					3
BC-22	8/3/05	12:38	H_2O	—	X																					3

Project Info.

Project Name: Jefferson Car Wash
Project#: 4459-010
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 4°C
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h | Other: 7 Day Holding Time

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☑ State Tank Fund EDF ☑ Global ID 5532

Special Instructions / Comments:

Detection limit for MTBE needs to be 0.5 µg/L

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 16:25	Signature: [signature] Time: 18:05	Signature: Time:
Printed Name: Stephen Penman Date: 8/3/05	Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: Date:
Company: Environmental Sampling Svcs.	Company: Env. Sampl. Svcs.	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 16:25	Signature: [signature] Time: 18:05	Signature: Time:
Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: J. Bulloch Date: 8/3/05	Printed Name: Date:
Company: Env. Sampl. Svcs.	Company: STL-SF	Company:

Rev 07/02

SEVERN TRENT STL

STL San Francisco Chain of Custody

1220 Quarry Lane ● Pleasanton CA 94566-4756
Phone: (925) 484-1919 ● Fax: (925) 484-1096
Email: sflogin@stl-inc.com

Reference #: _____

Date Aug. 2-3, 2005 Page 1 of 2

Report To

Attn: Ms. Maryline Laugier / Mr. Todd Miller gr 8/2/05
Company: Malcolm Pirnie, Inc.
Address: 2000 Powell St. Suite 1180 Emeryville, CA 94608
Phone: (510) 596-3060 Email:
Bill To: MPI White Plains, NY
Sampled By: ESS Jacki Lee
Attn: Accts Payable
Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Pres.	TPH EPA - ☐ 8015/8021 ☒ 8260B ☒ Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4				Number of Containers
Trip Blank	8/2/05	9:00	W	HCl	X																				2
BC-15D	8/2/05	10:11	GW	None	X																				3
BC-4	8/2/05	10:54	GW	None	X																				3
BC-11B 11D	8/2/05	11:40	GW	None	X													gr 8/3/05	~~Well Point = BC-11 D~~						3
BC-11S	8/2/05	12:15	GW	None	X																				3
BC-5	8/2/05	14:19	GW	None	X																				3
BC-2	8/2/05	15:38	GW	None	X																				3
BC-2 DUP	8/2/05	15:38	GW	None	X														Well Point = BC-2 ~~Well Point = BC~~						3
BC-20	8/2/05	16:11	GW	None	X														gr 8/3/05						3
BC-13D	8/2/05	17:02	GW	None	X																				3

Project Info.

Project Name: Jefferson Car Wash (JCW)
Project#: 4459-010
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 4°C
Conforms to record:

TAT	5 Day	72h	48h	24h	Other:

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☒ State Tank Fund EDF ☒ Global ID 5532

Special Instructions / Comments:
7 DAY HOLDING TIME
Use Detection Limit of 0.5 µg/L for MTBE

See Terms and Conditions on reverse

*STL SF reports 8015M from C6-C36 (industry norm). Default for 8015B is C6-C

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 18:10	Signature: Time:	Signature: Time:
Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: Date:	Printed Name: Date:
Company: Env. Sampling Services	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 18:10	Signature: Time:	Signature: Time:
Printed Name: T. Bullock Date: 8/3/05	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

SEVERN TRENT STL

STL San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: sflogin@stl-inc.com

Reference #: _____

Date Aug 23, 2005 Page 2 of 2

Report To

Attn: Ms. Maryline Lawyer ~~Mr. Todd Miller~~ 8/9/05
Company: Malcolm Pirnie, Inc.
Address: 2000 Powell St, Suite 1180 Emeryville, CA 94608
Phone: (510) 596-3060 Email:
Bill To: MPI White Plains, NY
Sampled By: ESS: Jacki Lee
Attn: Accts Payable
Phone: —

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☒ 8260B ☒ Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 801 5M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease (EPA 1664) ☐ Petroleum ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	W.E.T (STLC) ☐ TCLP ☐	Hexavalent Chromium pH (24h hold time for H_2O) ☐ ☐	Spec Cond. ☐ Alkalinity TSS ☐ TDS ☐ ☐ ☐	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4				Number of Containers
BC-3	8/3/05	9:30	GW	None	X																				3
BC-3 DUP	8/3/05	9:30	GW	None	X																				3
BC-13S	8/3/05	9:50	GW	None	X													Well	Point =		BC-3				3
BC-14S	8/3/05	10:16	GW	None	X																				3
BC-14D	8/3/05	10:27	GW	None	X																				3
BC-1	8/3/05	11:05	GW	None	X																				3
PVT-3080	8/3/05	11:20	GW	None	X																				3
BC-15S	8/3/05	11:35	GW	None	X																				3

Project Info.

Project Name: Jefferson Car Wash (JCW)
Project#: 4459-010
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 4°C
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h | Other:

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☒ State Tank Fund EDF ☒ Global ID 5532

Special Instructions / Comments:

7 DAY HOLDING TIME
Use Detection Limit of 0.5ug/L for MTBE

See Terms and Conditions on reverse

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 18:10	Signature: Time:	Signature: Time:
Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: Date:	Printed Name: Date:
Company: Env. Sampling Services	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 18:10	Signature: Time:	Signature: Time:
Printed Name: T. Bullock Date: 8/3/05	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

Environmental Sampling Services

SITE NAME: Jefferson Car Wash
SITE LOCATION: 3080 Jefferson Street, Napa, CA
TASK: Semi-Annual Groundwater Monitoring, August 2005

DAILY EQUIPMENT CALIBRATION SHEET

DATE	TIME	Instrument Serial Number	Probe Serial Number	Dissolved Oxygen (%)	pH 4	pH 7	pH 10	Specific Conductance 1,000 or 10,000 uS/cm	ORP 237 mV	TURBIDITY 0.02/0.0 NTU
8/2/05	10:00	208541R	00K0300	NA	4.0	7.0	10.01	1,000	NA	0.02
8/2/05	9:40	319340R	00C1522	NA	4.00	6.99	10.00	1,000	NA	0.02
8/3/05	10:20	208541R	00K0304	NA	3.99	7.0	10.00	1,000	NA	0.02
8/3/05	8:50	319340R	00C1522	NA	3.98	6.97	10.00	1,000	NA	0.02
				NA					NA	
				NA					NA	
				NA					NA	
				NA					NA	
				NA					NA	
				NA					NA	
				NA					NA	
				NA					NA	
				NA					NA	

APPENDIX B

Analytical Laboratory Report for August 2005 Sampling Event

SEVERN TRENT STL

Submission#: 2005-08-0122

Malcolm Pirnie Inc.

August 10, 2005

2000 Powell St., Suite 1180
Emeryville, CA 94608

Attn.: Maryline Laugier

Project#: 4459-010
Project: Jefferson Car Wash

Attached is our report for your samples received on 08/03/2005 18:10
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 09/17/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.

Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
TRIP BLANK	08/02/2005 10:15	Water	1
BC-8	08/02/2005 10:32	Water	2
BC-21	08/02/2005 11:20	Water	3
BC-10S	08/02/2005 12:20	Water	4
BC-12S	08/02/2005 15:10	Water	5
BC-12S-DUP	08/02/2005 15:10	Water	6
BC-12D	08/02/2005 15:40	Water	7
BC-7	08/02/2005 16:20	Water	8
BC-17	08/02/2005 16:50	Water	9
BC-18	08/02/2005 17:34	Water	10
BC-19	08/02/2005 18:20	Water	11
PVT-1032S	08/02/2005 18:48	Water	12
PVT-1032D	08/02/2005 18:58	Water	13
BC-10D	08/03/2005 11:00	Water	14
BC-6	08/03/2005 12:01	Water	15
BC-22	08/03/2005 12:38	Water	16

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**TRIP BLANK**	Lab ID:	2005-08-0122 - 1
Sampled:	08/02/2005 10:15	Extracted:	8/6/2005 11:35
Matrix:	Water	QC Batch#:	2005/08/06-01.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/06/2005 11:35	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/06/2005 11:35	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 11:35	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 11:35	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 11:35	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 11:35	
Surrogate(s)						
1,2-Dichloroethane-d4	104.4	73-130	%	1.00	08/06/2005 11:35	
Toluene-d8	102.5	81-114	%	1.00	08/06/2005 11:35	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-8**	Lab ID:	2005-08-0122 - 2
Sampled:	08/02/2005 10:32	Extracted:	8/6/2005 13:46
Matrix:	Water	QC Batch#:	2005/08/06-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	63	50	ug/L	1.00	08/06/2005 13:46	Q6
Methyl tert-butyl ether (MTBE)	26	0.50	ug/L	1.00	08/06/2005 13:46	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 13:46	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 13:46	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 13:46	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 13:46	
Surrogate(s)						
1,2-Dichloroethane-d4	103.2	73-130	%	1.00	08/06/2005 13:46	
Toluene-d8	98.3	81-114	%	1.00	08/06/2005 13:46	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-21**	Lab ID:	2005-08-0122 - 3
Sampled:	08/02/2005 11:20	Extracted:	8/6/2005 14:12
Matrix:	Water	QC Batch#:	2005/08/06-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	99	50	ug/L	1.00	08/06/2005 14:12	
Methyl tert-butyl ether (MTBE)	49	0.50	ug/L	1.00	08/06/2005 14:12	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 14:12	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 14:12	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 14:12	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 14:12	
Surrogate(s)						
1,2-Dichloroethane-d4	113.4	73-130	%	1.00	08/06/2005 14:12	
Toluene-d8	104.2	81-114	%	1.00	08/06/2005 14:12	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
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Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-10S**	Lab ID:	2005-08-0122 - 4
Sampled:	08/02/2005 12:20	Extracted:	8/6/2005 14:38
Matrix:	Water	QC Batch#:	2005/08/06-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	51	50	ug/L	1.00	08/06/2005 14:38	Q6
Methyl tert-butyl ether (MTBE)	31	0.50	ug/L	1.00	08/06/2005 14:38	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 14:38	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 14:38	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 14:38	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 14:38	
Surrogate(s)						
1,2-Dichloroethane-d4	109.7	73-130	%	1.00	08/06/2005 14:38	
Toluene-d8	104.7	81-114	%	1.00	08/06/2005 14:38	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-12S**	Lab ID:	2005-08-0122 - 5
Sampled:	08/02/2005 15:10	Extracted:	8/6/2005 15:04
Matrix:	Water	QC Batch#:	2005/08/06-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/06/2005 15:04	
Methyl tert-butyl ether (MTBE)	0.76	0.50	ug/L	1.00	08/06/2005 15:04	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 15:04	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 15:04	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 15:04	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 15:04	
Surrogate(s)						
1,2-Dichloroethane-d4	104.8	73-130	%	1.00	08/06/2005 15:04	
Toluene-d8	105.9	81-114	%	1.00	08/06/2005 15:04	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-12S-DUP**	Lab ID:	2005-08-0122 - 6
Sampled:	08/02/2005 15:10	Extracted:	8/6/2005 15:30
Matrix:	Water	QC Batch#:	2005/08/06-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/06/2005 15:30	
Methyl tert-butyl ether (MTBE)	0.81	0.50	ug/L	1.00	08/06/2005 15:30	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 15:30	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 15:30	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 15:30	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 15:30	
Surrogate(s)						
1,2-Dichloroethane-d4	107.8	73-130	%	1.00	08/06/2005 15:30	
Toluene-d8	100.4	81-114	%	1.00	08/06/2005 15:30	

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Jefferson Car Wash

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-12D**	Lab ID:	2005-08-0122 - 7
Sampled:	08/02/2005 15:40	Extracted:	8/6/2005 15:56
Matrix:	Water	QC Batch#:	2005/08/06-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/06/2005 15:56	
Methyl tert-butyl ether (MTBE)	3.5	0.50	ug/L	1.00	08/06/2005 15:56	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 15:56	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 15:56	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 15:56	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 15:56	
Surrogate(s)						
1,2-Dichloroethane-d4	99.4	73-130	%	1.00	08/06/2005 15:56	
Toluene-d8	106.3	81-114	%	1.00	08/06/2005 15:56	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-7**	Lab ID:	2005-08-0122 - 8
Sampled:	08/02/2005 16:20	Extracted:	8/6/2005 16:22
Matrix:	Water	QC Batch#:	2005/08/06-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/06/2005 16:22	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/06/2005 16:22	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 16:22	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 16:22	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 16:22	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 16:22	
Surrogate(s)						
1,2-Dichloroethane-d4	99.3	73-130	%	1.00	08/06/2005 16:22	
Toluene-d8	97.9	81-114	%	1.00	08/06/2005 16:22	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-17**	Lab ID:	2005-08-0122 - 9
Sampled:	08/02/2005 16:50	Extracted:	8/7/2005 16:31
Matrix:	Water	QC Batch#:	2005/08/07-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/07/2005 16:31	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/07/2005 16:31	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 16:31	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 16:31	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 16:31	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 16:31	
Surrogate(s)						
1,2-Dichloroethane-d4	96.7	73-130	%	1.00	08/07/2005 16:31	
Toluene-d8	93.6	81-114	%	1.00	08/07/2005 16:31	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-18**	Lab ID:	2005-08-0122 - 10
Sampled:	08/02/2005 17:34	Extracted:	8/6/2005 23:27
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/06/2005 23:27	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/06/2005 23:27	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 23:27	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 23:27	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 23:27	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 23:27	
Surrogate(s)						
1,2-Dichloroethane-d4	105.0	73-130	%	1.00	08/06/2005 23:27	
Toluene-d8	102.2	81-114	%	1.00	08/06/2005 23:27	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-19**	Lab ID:	2005-08-0122 - 11
Sampled:	08/02/2005 18:20	Extracted:	8/6/2005 23:53
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/06/2005 23:53	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/06/2005 23:53	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 23:53	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 23:53	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 23:53	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 23:53	
Surrogate(s)						
1,2-Dichloroethane-d4	97.9	73-130	%	1.00	08/06/2005 23:53	
Toluene-d8	96.7	81-114	%	1.00	08/06/2005 23:53	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**PVT-1032S**	Lab ID:	2005-08-0122 - 12
Sampled:	08/02/2005 18:48	Extracted:	8/7/2005 00:19
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/07/2005 00:19	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/07/2005 00:19	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 00:19	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 00:19	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 00:19	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 00:19	
Surrogate(s)						
1,2-Dichloroethane-d4	110.3	73-130	%	1.00	08/07/2005 00:19	
Toluene-d8	98.5	81-114	%	1.00	08/07/2005 00:19	

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Project: 4459-010
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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**PVT-1032D**	Lab ID:	2005-08-0122 - 13
Sampled:	08/02/2005 18:58	Extracted:	8/7/2005 00:45
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/07/2005 00:45	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/07/2005 00:45	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 00:45	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 00:45	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 00:45	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 00:45	
Surrogate(s)						
1,2-Dichloroethane-d4	98.4	73-130	%	1.00	08/07/2005 00:45	
Toluene-d8	97.7	81-114	%	1.00	08/07/2005 00:45	

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Jefferson Car Wash

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-10D**	Lab ID:	2005-08-0122 - 14
Sampled:	08/03/2005 11:00	Extracted:	8/7/2005 12:11
Matrix:	Water	QC Batch#:	2005/08/07-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	180	50	ug/L	1.00	08/07/2005 12:11	Q6
Methyl tert-butyl ether (MTBE)	110	0.50	ug/L	1.00	08/07/2005 12:11	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 12:11	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 12:11	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 12:11	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 12:11	
Surrogate(s)						
1,2-Dichloroethane-d4	111.6	73-130	%	1.00	08/07/2005 12:11	
Toluene-d8	105.1	81-114	%	1.00	08/07/2005 12:11	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-6**	Lab ID:	2005-08-0122 - 15
Sampled:	08/03/2005 12:01	Extracted:	8/7/2005 12:37
Matrix:	Water	QC Batch#:	2005/08/07-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	65	50	ug/L	1.00	08/07/2005 12:37	Q6
Methyl tert-butyl ether (MTBE)	31	0.50	ug/L	1.00	08/07/2005 12:37	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 12:37	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 12:37	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 12:37	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 12:37	
Surrogate(s)						
1,2-Dichloroethane-d4	98.6	73-130	%	1.00	08/07/2005 12:37	
Toluene-d8	101.9	81-114	%	1.00	08/07/2005 12:37	

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Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-22**	Lab ID:	2005-08-0122 - 16
Sampled:	08/03/2005 12:38	Extracted:	8/7/2005 13:03
Matrix:	Water	QC Batch#:	2005/08/07-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/07/2005 13:03	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/07/2005 13:03	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 13:03	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 13:03	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 13:03	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 13:03	
Surrogate(s)						
1,2-Dichloroethane-d4	105.2	73-130	%	1.00	08/07/2005 13:03	
Toluene-d8	109.0	81-114	%	1.00	08/07/2005 13:03	

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Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B
Test(s): 8260B

Method Blank **Water** **QC Batch # 2005/08/06-01.68**

MB: 2005/08/06-01.68-055
Date Extracted: 08/06/2005 10:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/06/2005 10:58	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/06/2005 10:58	
Benzene	ND	0.5	ug/L	08/06/2005 10:58	
Toluene	ND	0.5	ug/L	08/06/2005 10:58	
Ethylbenzene	ND	0.5	ug/L	08/06/2005 10:58	
Total xylenes	ND	1.0	ug/L	08/06/2005 10:58	
Surrogates(s)					
1,2-Dichloroethane-d4	104.8	73-130	%	08/06/2005 10:58	
Toluene-d8	105.6	81-114	%	08/06/2005 10:58	

Fuel Oxygenates by 8260B

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Project: 4459-010
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Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/06-02.68

MB: 2005/08/06-02.68-003

Date Extracted: 08/06/2005 19:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/06/2005 19:03	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/06/2005 19:03	
Benzene	ND	0.5	ug/L	08/06/2005 19:03	
Toluene	ND	0.5	ug/L	08/06/2005 19:03	
Ethylbenzene	ND	0.5	ug/L	08/06/2005 19:03	
Total xylenes	ND	1.0	ug/L	08/06/2005 19:03	
Surrogates(s)					
1,2-Dichloroethane-d4	106.2	73-130	%	08/06/2005 19:03	
Toluene-d8	94.6	81-114	%	08/06/2005 19:03	

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Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B
Test(s): 8260B

Method Blank **Water** **QC Batch # 2005/08/07-01.68**

MB: 2005/08/07-01.68-030
Date Extracted: 08/07/2005 09:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/07/2005 09:30	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/07/2005 09:30	
Benzene	ND	0.5	ug/L	08/07/2005 09:30	
Toluene	ND	0.5	ug/L	08/07/2005 09:30	
Ethylbenzene	ND	0.5	ug/L	08/07/2005 09:30	
Total xylenes	ND	1.0	ug/L	08/07/2005 09:30	
Surrogates(s)					
1,2-Dichloroethane-d4	101.4	73-130	%	08/07/2005 09:30	
Toluene-d8	99.4	81-114	%	08/07/2005 09:30	

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Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/06-01.68**

LCS 2005/08/06-01.68-056 Extracted: 08/06/2005 Analyzed: 08/06/2005 10:31
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	29.7		25.0	118.8			65-165	20		
Benzene	26.4		25.0	105.6			69-129	20		
Toluene	24.1		25.0	96.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	415		500	83.0			73-130	0		
Toluene-d8	495		500	99.0			81-114	0		

Fuel Oxygenates by 8260B

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Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/06-02.68**

LCS 2005/08/06-02.68-037 Extracted: 08/06/2005 Analyzed: 08/06/2005 18:37
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.4		25.0	105.6			65-165	20		
Benzene	26.0		25.0	104.0			69-129	20		
Toluene	23.1		25.0	92.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	408		500	81.6			73-130			
Toluene-d8	497		500	99.4			81-114			

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/07-01.68**

LCS 2005/08/07-01.68-001 Extracted: 08/07/2005 Analyzed: 08/07/2005 08:38
LCSD 2005/08/07-01.68-002 Extracted: 08/07/2005 Analyzed: 08/07/2005 09:04

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	30.2	28.8	25.0	120.8	115.2	4.7	65-165	20		
Benzene	28.1	25.8	25.0	112.4	103.2	8.5	69-129	20		
Toluene	25.9	24.0	25.0	103.6	96.0	7.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	406	399	500	81.2	79.8		73-130	0		
Toluene-d8	532	485	500	106.4	97.0		81-114	0		

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

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Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/06-01.68**

MS/MSD

Lab ID: 2005-08-0125 - 002

MS: 2005/08/06-01.68-054 Extracted: 08/06/2005 Analyzed: 08/06/2005 12:54
Dilution: 10.00

MSD: 2005/08/06-01.68-019 Extracted: 08/06/2005 Analyzed: 08/06/2005 13:19
Dilution: 10.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	28.2	28.0	ND	25.0	112.8	112.0	0.7	65-165	20		
Benzene	27.4	28.0	ND	25.0	109.6	112.0	2.2	69-129	20		
Toluene	24.4	24.2	ND	25.0	97.6	96.8	0.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	411	415		500	82.2	83.0		73-130			
Toluene-d8	494	519		500	98.8	103.8		81-114			

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/06-02.68**

MS/MSD

Lab ID: 2005-07-0807 - 005

MS: 2005/08/06-02.68-043 Extracted: 08/06/2005 Analyzed: 08/06/2005 21:43
Dilution: 40.00

MSD: 2005/08/06-02.68-009 Extracted: 08/06/2005 Analyzed: 08/06/2005 22:09
Dilution: 40.00

Sample / Analysis Flag(s): MSD: N1 (See Legend and Note Section)

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	0.00	0.00	ND	1000	0.0	0.0	--	65-165	20	M3	M3
Benzene	1850	1860	806	1000	104.4	105.4	1.0	69-129	20		
Toluene	1060	1120	103	1000	95.7	101.7	6.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	260	285		500	52.0	57.0		73-130		S6	S6
Toluene-d8	528	518		500	105.6	103.6		81-114			

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/07-01.68**

MS/MSD

Lab ID: 2005-08-0125 - 013

MS: 2005/08/07-01.68-027 Extracted: 08/07/2005 Analyzed: 08/07/2005 10:27
Dilution: 40.00

MSD: 2005/08/07-01.68-053 Extracted: 08/07/2005 Analyzed: 08/07/2005 10:53
Dilution: 40.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	1450	1450	472	1000	97.8	97.8	0.0	65-165	20		
Benzene	950	1050	ND	1000	95.0	105.0	10.0	69-129	20		
Toluene	892	962	1.66	1000	89.0	96.0	7.6	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	409	419		500	81.8	83.8		73-130			
Toluene-d8	477	519		500	95.4	103.8		81-114			

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.

Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash

Received: 08/03/2005 18:10

Legend and Notes

Analysis Flag

N1

Internal standard out of range.

Result Flag

M3

Sample > 4x spike concentration.

Q6

The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

S6

Surrogate recoveries lower than acceptance limits.
Matrix interference suspected

SEVERN TRENT STL

STL San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: info@chromalab.com

2005-08-0122

Reference #: 117289

Date 08/02/2005 Page 1 of 2

Report To

Attn: Moryline Laugier
Company: Malcolm Pirnie, Inc
Address: 2000 Powell Street, Suite 1180 Emeryville, CA 94608
Phone: 510/596-3060 Email: —
Bill To: Malcolm Pirnie, Inc. White Plains, NY
Sampled By: ESS Stephen Penman
Attn: Accts. Payable Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☑ 8260B ☑ Gas w/ ☑ BTEX ☑ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	W.E.T (STLC) ☐ TCLP	Hexavalent Chromium pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4					Number of Containers
Trip Blank	8/2/05	10:15	H_2O	HCl	X																				2
BC-8	8/2/05	10:32	H_2O	—	X																				3
BC-21	8/2/05	11:20	H_2O	—	X																				3
BC-10S	8/2/05	12:20	H_2O	—	X																				3
BC-12S	8/2/05	15:10	H_2O	—	X																				3
BC-12S-Dup	8/2/05	15:10	H_2O	—	X																	Well Point = BC-12S			3
BC-12D	8/2/05	15:40	H_2O	—	X																				3
BC-7	8/2/05	16:20	H_2O	—	X																				3
BC-17	8/2/05	16:50	H_2O	—	X																				3
BC-18	8/2/05	17:34	H_2O	—	X																				3

Project Info.

Project Name: Jefferson Car Wash
Project#: 4459-010
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 4°C
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h
Other: 7 Day Holding Time

Report: ☑ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☑ State Tank Fund EDF ☑ Global ID 5532

Special Instructions / Comments:

Detection limit for MTBE needs to be 0.5 µg/L

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 16:25	Signature: [signature] Time: 18:10	Signature: Time:
Printed Name: Stephen Penman Date: 8/3/05	Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: Date:
Company: Environmental Sampling Svcs.	Company: Env. Sampl. Svcs	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 16:25	Signature: [signature] Time: 18:10	Signature: Time:
Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: P. Bullock Date: 8/3/05	Printed Name: Date:
Company: Env. Sampl. Svcs.	Company: STL-SF	Company:

Rev 07/02

SEVERN TRENT STL

STL San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: info@chromalab.com

Reference #: 117289

Date 8/02/05-8/3/05 Page 2 of 2

Report To

Attn: Maryline Laugier
Company: Malcolm Pirnie Inc.
Address: 2000 Powell Street, Suite 1180 Emeryville, CA 94608
Phone: 510/596-3060 Email:
Bill To: Malcolm Pirnie, Inc White Plains, NY
Sampled By: ESS Stephen Penman
Attn: Accts. Payable
Phone: —

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☒ 8260B ☒ Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease (EPA 1664) ☐ Petroleum ☐ Total	Pesticides PCBs ☐ EPA 8081 ☐ 608 ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec Cond ☐ Alkalinity ☐ TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4					Number of Containers
BC-19	8/2/05	18:20	H_2O	—	X																				3
PVT-1032S	8/2/05	18:48	H_2O	—	X																				3
PVT-1032D	8/2/05	18:58	H_2O	—	X																				3
BC-10D	8/3/05	11:00	H_2O	—	X																				3
BC-6	8/3/05	12:01	H_2O	—	X																				3
BC-22	8/3/05	12:38	H_2O	—	X																				3

Project Info.

Project Name: Jefferson Car Wash
Project#: 4459-010
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 4°C
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h | Other: 7 Day Holding Time

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☑ State Tank Fund EDF ☑ Global ID 5532

Special Instructions / Comments:

Detection limit for MTBE needs to be 0.5 µg/L

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 16:25	Signature: [signature] Time: 18:05	Signature: Time:
Printed Name: Stephen Penman Date: 8/3/05	Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: Date:
Company: Environmental Sampling Svcs.	Company: Env. Sampl. Svcs.	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 16:25	Signature: [signature] Time: 18:05	Signature: Time:
Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: J. Bulbee Date: 8/3/05	Printed Name: Date:
Company: Env. Sampl. Svcs.	Company: STL-SF	Company:

Rev 07/02

SEVERN TRENT STL

Submission#: 2005-08-0125

Malcolm Pirnie Inc.

August 12, 2005

2000 Powell St., Suite 1180
Emeryville, CA 94608

Attn.: Maryline Laugier

Project#: 4459-010
Project: Jefferson Car Wash (JCW)

Attached is our report for your samples received on 08/03/2005 18:10
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 09/17/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.

Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
TRIP BLANK	08/02/2005 09:00	Water	1
BC-15D	08/02/2005 10:11	Water	2
BC-4	08/02/2005 10:54	Water	3
BC-11D	08/02/2005 11:40	Water	4
BC-11S	08/02/2005 12:15	Water	5
BC-5	08/02/2005 14:19	Water	6
BC-2	08/02/2005 15:38	Water	7
BC-2 DUP	08/02/2005 15:38	Water	8
BC-20	08/02/2005 16:11	Water	9
BC-13D	08/02/2005 17:02	Water	10
BC-3	08/03/2005 09:30	Water	11
BC-3 DUP	08/03/2005 09:30	Water	12
BC-13S	08/03/2005 09:50	Water	13
BC-14S	08/03/2005 10:16	Water	14
BC-14D	08/03/2005 10:27	Water	15
BC-1	08/03/2005 11:05	Water	16
PVT-3080	08/03/2005 11:20	Water	17
BC-15S	08/03/2005 11:35	Water	18

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**TRIP BLANK**	Lab ID:	2005-08-0125 - 1
Sampled:	08/02/2005 09:00	Extracted:	8/6/2005 12:02
Matrix:	Water	QC Batch#:	2005/08/06-01.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/06/2005 12:02	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/06/2005 12:02	
Benzene	ND	0.50	ug/L	1.00	08/06/2005 12:02	
Toluene	ND	0.50	ug/L	1.00	08/06/2005 12:02	
Ethylbenzene	ND	0.50	ug/L	1.00	08/06/2005 12:02	
Total xylenes	ND	1.0	ug/L	1.00	08/06/2005 12:02	
Surrogate(s)						
1,2-Dichloroethane-d4	99.8	73-130	%	1.00	08/06/2005 12:02	
Toluene-d8	98.8	81-114	%	1.00	08/06/2005 12:02	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-15D**	Lab ID:	2005-08-0125 - 2
Sampled:	08/02/2005 10:11	Extracted:	8/7/2005 16:05
Matrix:	Water	QC Batch#:	2005/08/07-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/07/2005 16:05	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/07/2005 16:05	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 16:05	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 16:05	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 16:05	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 16:05	
Surrogate(s)						
1,2-Dichloroethane-d4	104.1	73-130	%	1.00	08/07/2005 16:05	
Toluene-d8	100.0	81-114	%	1.00	08/07/2005 16:05	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-4**	Lab ID:	2005-08-0125 - 3
Sampled:	08/02/2005 10:54	Extracted:	8/7/2005 01:10
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	2200	50	ug/L	1.00	08/07/2005 01:10	
Methyl tert-butyl ether (MTBE)	18	0.50	ug/L	1.00	08/07/2005 01:10	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 01:10	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 01:10	
Ethylbenzene	1.4	0.50	ug/L	1.00	08/07/2005 01:10	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 01:10	
Surrogate(s)						
1,2-Dichloroethane-d4	107.7	73-130	%	1.00	08/07/2005 01:10	
Toluene-d8	103.5	81-114	%	1.00	08/07/2005 01:10	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-11D**	Lab ID:	2005-08-0125 - 4
Sampled:	08/02/2005 11:40	Extracted:	8/7/2005 01:37
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/07/2005 01:37	
Methyl tert-butyl ether (MTBE)	6.3	0.50	ug/L	1.00	08/07/2005 01:37	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 01:37	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 01:37	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 01:37	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 01:37	
Surrogate(s)						
1,2-Dichloroethane-d4	99.7	73-130	%	1.00	08/07/2005 01:37	
Toluene-d8	103.6	81-114	%	1.00	08/07/2005 01:37	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-11S**	Lab ID:	2005-08-0125 - 5
Sampled:	08/02/2005 12:15	Extracted:	8/7/2005 02:02
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	52	50	ug/L	1.00	08/07/2005 02:02	Q6
Methyl tert-butyl ether (MTBE)	12	0.50	ug/L	1.00	08/07/2005 02:02	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 02:02	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 02:02	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 02:02	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 02:02	
Surrogate(s)						
1,2-Dichloroethane-d4	100.3	73-130	%	1.00	08/07/2005 02:02	
Toluene-d8	102.6	81-114	%	1.00	08/07/2005 02:02	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-5**	Lab ID:	2005-08-0125 - 6
Sampled:	08/02/2005 14:19	Extracted:	8/7/2005 02:28
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	61	50	ug/L	1.00	08/07/2005 02:28	Q6
Methyl tert-butyl ether (MTBE)	21	0.50	ug/L	1.00	08/07/2005 02:28	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 02:28	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 02:28	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 02:28	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 02:28	
Surrogate(s)						
1,2-Dichloroethane-d4	103.4	73-130	%	1.00	08/07/2005 02:28	
Toluene-d8	94.4	81-114	%	1.00	08/07/2005 02:28	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.
Attn.: Maryline Laugier

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Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-2**	Lab ID:	2005-08-0125 - 7
Sampled:	08/02/2005 15:38	Extracted:	8/7/2005 02:54
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	66	50	ug/L	1.00	08/07/2005 02:54	Q6
Methyl tert-butyl ether (MTBE)	37	0.50	ug/L	1.00	08/07/2005 02:54	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 02:54	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 02:54	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 02:54	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 02:54	
Surrogate(s)						
1,2-Dichloroethane-d4	103.9	73-130	%	1.00	08/07/2005 02:54	
Toluene-d8	93.1	81-114	%	1.00	08/07/2005 02:54	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-2 DUP**	Lab ID:	2005-08-0125 - 8
Sampled:	08/02/2005 15:38	Extracted:	8/7/2005 03:20
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	74	50	ug/L	1.00	08/07/2005 03:20	Q6
Methyl tert-butyl ether (MTBE)	44	0.50	ug/L	1.00	08/07/2005 03:20	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 03:20	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 03:20	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 03:20	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 03:20	
Surrogate(s)						
1,2-Dichloroethane-d4	100.9	73-130	%	1.00	08/07/2005 03:20	
Toluene-d8	106.9	81-114	%	1.00	08/07/2005 03:20	

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-20**	Lab ID:	2005-08-0125 - 9
Sampled:	08/02/2005 16:11	Extracted:	8/7/2005 03:46
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	100	50	ug/L	1.00	08/07/2005 03:46	Q6
Methyl tert-butyl ether (MTBE)	61	0.50	ug/L	1.00	08/07/2005 03:46	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 03:46	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 03:46	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 03:46	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 03:46	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	73-130	%	1.00	08/07/2005 03:46	
Toluene-d8	105.8	81-114	%	1.00	08/07/2005 03:46	

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-13D**	Lab ID:	2005-08-0125 - 10
Sampled:	08/02/2005 17:02	Extracted:	8/7/2005 04:12
Matrix:	Water	QC Batch#:	2005/08/06-02.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	100	50	ug/L	1.00	08/07/2005 04:12	Q6
Methyl tert-butyl ether (MTBE)	53	0.50	ug/L	1.00	08/07/2005 04:12	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 04:12	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 04:12	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 04:12	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 04:12	
Surrogate(s)						
1,2-Dichloroethane-d4	103.5	73-130	%	1.00	08/07/2005 04:12	
Toluene-d8	102.5	81-114	%	1.00	08/07/2005 04:12	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-3**	Lab ID:	2005-08-0125 - 11
Sampled:	08/03/2005 09:30	Extracted:	8/7/2005 11:19
Matrix:	Water	QC Batch#:	2005/08/07-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/07/2005 11:19	
Methyl tert-butyl ether (MTBE)	10	0.50	ug/L	1.00	08/07/2005 11:19	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 11:19	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 11:19	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 11:19	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 11:19	
Surrogate(s)						
1,2-Dichloroethane-d4	101.0	73-130	%	1.00	08/07/2005 11:19	
Toluene-d8	104.3	81-114	%	1.00	08/07/2005 11:19	

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-3 DUP**	Lab ID:	2005-08-0125 - 12
Sampled:	08/03/2005 09:30	Extracted:	8/7/2005 11:45
Matrix:	Water	QC Batch#:	2005/08/07-01.68
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/07/2005 11:45	
Methyl tert-butyl ether (MTBE)	9.9	0.50	ug/L	1.00	08/07/2005 11:45	
Benzene	ND	0.50	ug/L	1.00	08/07/2005 11:45	
Toluene	ND	0.50	ug/L	1.00	08/07/2005 11:45	
Ethylbenzene	ND	0.50	ug/L	1.00	08/07/2005 11:45	
Total xylenes	ND	1.0	ug/L	1.00	08/07/2005 11:45	
Surrogate(s)						
1,2-Dichloroethane-d4	99.6	73-130	%	1.00	08/07/2005 11:45	
Toluene-d8	98.9	81-114	%	1.00	08/07/2005 11:45	

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-13S**	Lab ID:	2005-08-0125 - 13
Sampled:	08/03/2005 09:50	Extracted:	8/8/2005 13:19
Matrix:	Water	QC Batch#:	2005/08/08-01.68

Analysis Flag: L2, pH: 7 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	550	250	ug/L	5.00	08/08/2005 13:19	
Methyl tert-butyl ether (MTBE)	300	2.5	ug/L	5.00	08/08/2005 13:19	
Benzene	ND	2.5	ug/L	5.00	08/08/2005 13:19	
Toluene	ND	2.5	ug/L	5.00	08/08/2005 13:19	
Ethylbenzene	ND	2.5	ug/L	5.00	08/08/2005 13:19	
Total xylenes	ND	5.0	ug/L	5.00	08/08/2005 13:19	
Surrogate(s)						
1,2-Dichloroethane-d4	103.4	73-130	%	5.00	08/08/2005 13:19	
Toluene-d8	104.3	81-114	%	5.00	08/08/2005 13:19	

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-14S**	Lab ID:	2005-08-0125 - 14
Sampled:	08/03/2005 10:16	Extracted:	8/9/2005 08:40
Matrix:	Water	QC Batch#:	2005/08/09-1C.65

Analysis Flag: L2, pH: 7 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	250	ug/L	5.00	08/09/2005 08:40	
Methyl tert-butyl ether (MTBE)	180	2.5	ug/L	5.00	08/09/2005 08:40	
Benzene	ND	2.5	ug/L	5.00	08/09/2005 08:40	
Toluene	ND	2.5	ug/L	5.00	08/09/2005 08:40	
Ethylbenzene	ND	2.5	ug/L	5.00	08/09/2005 08:40	
Total xylenes	ND	5.0	ug/L	5.00	08/09/2005 08:40	
Surrogate(s)						
1,2-Dichloroethane-d4	111.1	73-130	%	5.00	08/09/2005 08:40	
Toluene-d8	99.0	81-114	%	5.00	08/09/2005 08:40	

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-14D**	Lab ID:	2005-08-0125 - 15
Sampled:	08/03/2005 10:27	Extracted:	8/10/2005 09:29
Matrix:	Water	QC Batch#:	2005/08/10-01.68

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	280	100	ug/L	2.00	08/10/2005 09:29	Q6
Methyl tert-butyl ether (MTBE)	220	1.0	ug/L	2.00	08/10/2005 09:29	
Benzene	ND	1.0	ug/L	2.00	08/10/2005 09:29	
Toluene	ND	1.0	ug/L	2.00	08/10/2005 09:29	
Ethylbenzene	ND	1.0	ug/L	2.00	08/10/2005 09:29	
Total xylenes	ND	2.0	ug/L	2.00	08/10/2005 09:29	
Surrogate(s)						
1,2-Dichloroethane-d4	105.1	73-130	%	2.00	08/10/2005 09:29	
Toluene-d8	103.7	81-114	%	2.00	08/10/2005 09:29	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-1**	Lab ID:	2005-08-0125 - 16
Sampled:	08/03/2005 11:05	Extracted:	8/9/2005 20:51
Matrix:	Water	QC Batch#:	2005/08/09-02.64
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/09/2005 20:51	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/09/2005 20:51	
Benzene	ND	0.50	ug/L	1.00	08/09/2005 20:51	
Toluene	ND	0.50	ug/L	1.00	08/09/2005 20:51	
Ethylbenzene	ND	0.50	ug/L	1.00	08/09/2005 20:51	
Total xylenes	ND	1.0	ug/L	1.00	08/09/2005 20:51	
Surrogate(s)						
1,2-Dichloroethane-d4	93.8	73-130	%	1.00	08/09/2005 20:51	
Toluene-d8	91.3	81-114	%	1.00	08/09/2005 20:51	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**PVT-3080**	Lab ID:	2005-08-0125 - 17
Sampled:	08/03/2005 11:20	Extracted:	8/9/2005 16:57
Matrix:	Water	QC Batch#:	2005/08/09-2C.65
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/09/2005 16:57	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/09/2005 16:57	
Benzene	ND	0.50	ug/L	1.00	08/09/2005 16:57	
Toluene	ND	0.50	ug/L	1.00	08/09/2005 16:57	
Ethylbenzene	ND	0.50	ug/L	1.00	08/09/2005 16:57	
Total xylenes	ND	1.0	ug/L	1.00	08/09/2005 16:57	
Surrogate(s)						
1,2-Dichloroethane-d4	103.9	73-130	%	1.00	08/09/2005 16:57	
Toluene-d8	99.1	81-114	%	1.00	08/09/2005 16:57	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BC-15S**	Lab ID:	2005-08-0125 - 18
Sampled:	08/03/2005 11:35	Extracted:	8/9/2005 23:41
Matrix:	Water	QC Batch#:	2005/08/09-2C.65
pH: 7			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/09/2005 23:41	
Methyl tert-butyl ether (MTBE)	3.0	0.50	ug/L	1.00	08/09/2005 23:41	
Benzene	ND	0.50	ug/L	1.00	08/09/2005 23:41	
Toluene	ND	0.50	ug/L	1.00	08/09/2005 23:41	
Ethylbenzene	ND	0.50	ug/L	1.00	08/09/2005 23:41	
Total xylenes	ND	1.0	ug/L	1.00	08/09/2005 23:41	
Surrogate(s)						
1,2-Dichloroethane-d4	109.4	73-130	%	1.00	08/09/2005 23:41	
Toluene-d8	95.2	81-114	%	1.00	08/09/2005 23:41	

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B
Test(s): 8260B

Method Blank **Water** **QC Batch # 2005/08/06-01.68**

MB: 2005/08/06-01.68-055
Date Extracted: 08/06/2005 10:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/06/2005 10:58	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/06/2005 10:58	
Benzene	ND	0.5	ug/L	08/06/2005 10:58	
Toluene	ND	0.5	ug/L	08/06/2005 10:58	
Ethylbenzene	ND	0.5	ug/L	08/06/2005 10:58	
Total xylenes	ND	1.0	ug/L	08/06/2005 10:58	
Surrogates(s)					
1,2-Dichloroethane-d4	104.8	73-130	%	08/06/2005 10:58	
Toluene-d8	105.6	81-114	%	08/06/2005 10:58	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/06-02.68

MB: 2005/08/06-02.68-003

Date Extracted: 08/06/2005 19:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/06/2005 19:03	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/06/2005 19:03	
Benzene	ND	0.5	ug/L	08/06/2005 19:03	
Toluene	ND	0.5	ug/L	08/06/2005 19:03	
Ethylbenzene	ND	0.5	ug/L	08/06/2005 19:03	
Total xylenes	ND	1.0	ug/L	08/06/2005 19:03	
Surrogates(s)					
1,2-Dichloroethane-d4	106.2	73-130	%	08/06/2005 19:03	
Toluene-d8	94.6	81-114	%	08/06/2005 19:03	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/07-01.68

MB: 2005/08/07-01.68-030

Date Extracted: 08/07/2005 09:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/07/2005 09:30	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/07/2005 09:30	
Benzene	ND	0.5	ug/L	08/07/2005 09:30	
Toluene	ND	0.5	ug/L	08/07/2005 09:30	
Ethylbenzene	ND	0.5	ug/L	08/07/2005 09:30	
Total xylenes	ND	1.0	ug/L	08/07/2005 09:30	
Surrogates(s)					
1,2-Dichloroethane-d4	101.4	73-130	%	08/07/2005 09:30	
Toluene-d8	99.4	81-114	%	08/07/2005 09:30	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/08-01.68

MB: 2005/08/08-01.68-054

Date Extracted: 08/08/2005 08:54

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/08/2005 08:54	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/08/2005 08:54	
Benzene	ND	0.5	ug/L	08/08/2005 08:54	
Toluene	ND	0.5	ug/L	08/08/2005 08:54	
Ethylbenzene	ND	0.5	ug/L	08/08/2005 08:54	
Total xylenes	ND	1.0	ug/L	08/08/2005 08:54	
Surrogates(s)					
1,2-Dichloroethane-d4	99.2	73-130	%	08/08/2005 08:54	
Toluene-d8	103.4	81-114	%	08/08/2005 08:54	

Fuel Oxygenates by 8260B

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Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B
Test(s): 8260B

Method Blank **Water** **QC Batch # 2005/08/09-02.64**

MB: 2005/08/09-02.64-052
Date Extracted: 08/09/2005 17:52

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/09/2005 17:52	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/09/2005 17:52	
Benzene	ND	0.5	ug/L	08/09/2005 17:52	
Toluene	ND	0.5	ug/L	08/09/2005 17:52	
Ethylbenzene	ND	0.5	ug/L	08/09/2005 17:52	
Total xylenes	ND	1.0	ug/L	08/09/2005 17:52	
Surrogates(s)					
1,2-Dichloroethane-d4	93.2	73-130	%	08/09/2005 17:52	
Toluene-d8	103.0	81-114	%	08/09/2005 17:52	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B
Test(s): 8260B

Method Blank **Water** **QC Batch # 2005/08/09-1C.65**

MB: 2005/08/09-1C.65-015
Date Extracted: 08/09/2005 19:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/09/2005 19:15	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/09/2005 19:15	
Benzene	ND	0.5	ug/L	08/09/2005 19:15	
Toluene	ND	0.5	ug/L	08/09/2005 19:15	
Ethylbenzene	ND	0.5	ug/L	08/09/2005 19:15	
Total xylenes	ND	1.0	ug/L	08/09/2005 19:15	
Surrogates(s)					
1,2-Dichloroethane-d4	95.6	73-130	%	08/09/2005 19:15	
Toluene-d8	96.8	81-114	%	08/09/2005 19:15	

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.

Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/09-2C.65

MB: 2005/08/09-2C.65-015

Date Extracted: 08/09/2005 19:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/09/2005 19:15	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/09/2005 19:15	
Benzene	ND	0.5	ug/L	08/09/2005 19:15	
Toluene	ND	0.5	ug/L	08/09/2005 19:15	
Ethylbenzene	ND	0.5	ug/L	08/09/2005 19:15	
Total xylenes	ND	1.0	ug/L	08/09/2005 19:15	
Surrogates(s)					
1,2-Dichloroethane-d4	95.6	73-130	%	08/09/2005 19:15	
Toluene-d8	96.7	81-114	%	08/09/2005 19:15	

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/10-01.68

MB: 2005/08/10-01.68-002

Date Extracted: 08/10/2005 08:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/10/2005 08:02	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/10/2005 08:02	
Benzene	ND	0.5	ug/L	08/10/2005 08:02	
Toluene	ND	0.5	ug/L	08/10/2005 08:02	
Ethylbenzene	ND	0.5	ug/L	08/10/2005 08:02	
Total xylenes	ND	1.0	ug/L	08/10/2005 08:02	
Surrogates(s)					
1,2-Dichloroethane-d4	106.7	73-130	%	08/10/2005 08:02	
Toluene-d8	100.9	81-114	%	08/10/2005 08:02	

Fuel Oxygenates by 8260B

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Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/06-01.68**

LCS 2005/08/06-01.68-056 Extracted: 08/06/2005 Analyzed: 08/06/2005 10:31
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	29.7		25.0	118.8			65-165	20		
Benzene	26.4		25.0	105.6			69-129	20		
Toluene	24.1		25.0	96.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	415		500	83.0			73-130	0		
Toluene-d8	495		500	99.0			81-114	0		

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/06-02.68**

LCS 2005/08/06-02.68-037 Extracted: 08/06/2005 Analyzed: 08/06/2005 18:37
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.4		25.0	105.6			65-165	20		
Benzene	26.0		25.0	104.0			69-129	20		
Toluene	23.1		25.0	92.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	408		500	81.6			73-130			
Toluene-d8	497		500	99.4			81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/07-01.68**

LCS 2005/08/07-01.68-001 Extracted: 08/07/2005 Analyzed: 08/07/2005 08:38
LCSD 2005/08/07-01.68-002 Extracted: 08/07/2005 Analyzed: 08/07/2005 09:04

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	30.2	28.8	25.0	120.8	115.2	4.7	65-165	20		
Benzene	28.1	25.8	25.0	112.4	103.2	8.5	69-129	20		
Toluene	25.9	24.0	25.0	103.6	96.0	7.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	406	399	500	81.2	79.8		73-130	0		
Toluene-d8	532	485	500	106.4	97.0		81-114	0		

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/08-01.68**

LCS 2005/08/08-01.68-028 Extracted: 08/08/2005 Analyzed: 08/08/2005 08:28
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.8		25.0	103.2			65-165	20		
Benzene	24.4		25.0	97.6			69-129	20		
Toluene	23.2		25.0	92.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	423		500	84.6			73-130			
Toluene-d8	537		500	107.4			81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/09-02.64**

LCS 2005/08/09-02.64-028 Extracted: 08/09/2005 Analyzed: 08/09/2005 17:28
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.3		25.0	93.2			65-165	20		
Benzene	23.7		25.0	94.8			69-129	20		
Toluene	26.4		25.0	105.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	420		500	84.0			73-130			
Toluene-d8	470		500	94.0			81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/09-1C.65**

LCS 2005/08/09-1C.65-048 Extracted: 08/09/2005 Analyzed: 08/09/2005 18:48
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.7		25	106.8			65-165	20		
Benzene	25.8		25	103.2			69-129	20		
Toluene	26.1		25	104.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	458		500	91.6			73-130			
Toluene-d8	475		500	95.0			81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/09-2C.65**

LCS 2005/08/09-2C.65-048 Extracted: 08/09/2005 Analyzed: 08/09/2005 18:48
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.7		25	106.8			65-165	20		
Benzene	25.8		25	103.2			69-129	20		
Toluene	26.1		25	104.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	458		500	91.6			73-130			
Toluene-d8	475		500	95.0			81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
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Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/10-01.68**

LCS 2005/08/10-01.68-036 Extracted: 08/10/2005 Analyzed: 08/10/2005 07:36
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	28.5		25.0	114.0			65-165	20		
Benzene	23.5		25.0	94.0			69-129	20		
Toluene	24.1		25.0	96.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	413		500	82.6			73-130			
Toluene-d8	516		500	103.2			81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/06-01.68**

BC-15D >> MS

Lab ID: 2005-08-0125 - 002

MS: 2005/08/06-01.68-054 Extracted: 08/06/2005 Analyzed: 08/06/2005 12:54
Dilution: 10.00

MSD: 2005/08/06-01.68-019 Extracted: 08/06/2005 Analyzed: 08/06/2005 13:19
Dilution: 10.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	28.2	28.0	ND	25.0	112.8	112.0	0.7	65-165	20		
Benzene	27.4	28.0	ND	25.0	109.6	112.0	2.2	69-129	20		
Toluene	24.4	24.2	ND	25.0	97.6	96.8	0.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	411	415		500	82.2	83.0		73-130			
Toluene-d8	494	519		500	98.8	103.8		81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/06-02.68**

MS/MSD

Lab ID: 2005-07-0807 - 005

MS: 2005/08/06-02.68-043 Extracted: 08/06/2005 Analyzed: 08/06/2005 21:43
Dilution: 40.00

MSD: 2005/08/06-02.68-009 Extracted: 08/06/2005 Analyzed: 08/06/2005 22:09
Dilution: 40.00

Sample / Analysis Flag(s): MSD: N1 (See Legend and Note Section)

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	0.00	0.00	ND	1000	0.0	0.0	--	65-165	20	M3	M3
Benzene	1850	1860	806	1000	104.4	105.4	1.0	69-129	20		
Toluene	1060	1120	103	1000	95.7	101.7	6.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	260	285		500	52.0	57.0		73-130		S6	S6
Toluene-d8	528	518		500	105.6	103.6		81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/07-01.68**

BC-13S >> MS

Lab ID: 2005-08-0125 - 013

MS: 2005/08/07-01.68-027 Extracted: 08/07/2005 Analyzed: 08/07/2005 10:27
Dilution: 40.00

MSD: 2005/08/07-01.68-053 Extracted: 08/07/2005 Analyzed: 08/07/2005 10:53
Dilution: 40.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	1450	1450	472	1000	97.8	97.8	0.0	65-165	20		
Benzene	950	1050	ND	1000	95.0	105.0	10.0	69-129	20		
Toluene	892	962	1.66	1000	89.0	96.0	7.6	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	409	419		500	81.8	83.8		73-130			
Toluene-d8	477	519		500	95.4	103.8		81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/08-01.68**

MS/MSD

Lab ID: 2005-08-0005 - 011

MS: 2005/08/08-01.68-051 Extracted: 08/08/2005 Analyzed: 08/08/2005 09:51
Dilution: 10.00

MSD: 2005/08/08-01.68-017 Extracted: 08/08/2005 Analyzed: 08/08/2005 10:17
Dilution: 10.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	277	294	57.0	250	88.0	117.6	28.8	65-165	20		R1
Benzene	205	217	41.0	250	65.6	86.8	27.8	69-129	20	M5	R1
Toluene	200	207	4.28	250	78.3	82.8	5.6	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	428	438		500	85.6	87.6		73-130			
Toluene-d8	492	507		500	98.4	101.4		81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/09-02.64**

BC-1 >> MS

Lab ID: 2005-08-0125 - 016

MS: 2005/08/09-02.64-016 Extracted: 08/09/2005 Analyzed: 08/09/2005 21:16
Dilution: 1.00

MSD: 2005/08/09-02.64-040 Extracted: 08/09/2005 Analyzed: 08/09/2005 21:40
Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	17.9	21.5	ND	25.0	71.6	86.0	18.3	65-165	20		
Benzene	23.1	23.4	ND	25.0	92.4	93.6	1.3	69-129	20		
Toluene	22.6	25.1	ND	25.0	90.4	100.4	10.5	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	438	432		500	87.6	86.4		73-130			
Toluene-d8	461	486		500	92.2	97.2		81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/09-1C.65**

MS/MSD

Lab ID: 2005-08-0162 - 002

MS: 2005/08/09-1C.65-023 Extracted: 08/09/2005 Analyzed: 08/09/2005 22:23
Dilution: 1.00

MSD: 2005/08/09-1C.65-050 Extracted: 08/09/2005 Analyzed: 08/09/2005 22:50
Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.4	19.0	ND	25	93.6	76.0	20.8	65-165	20		R4
Benzene	24.3	19.2	ND	25	97.2	76.8	23.4	69-129	20		R4
Toluene	24.6	22.3	ND	25	98.4	89.2	9.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	465	429		500	93.0	85.8		73-130			
Toluene-d8	493	463		500	98.6	92.6		81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/09-2C.65**

MS/MSD

Lab ID: 2005-08-0162 - 002

MS: 2005/08/09-2C.65-023 Extracted: 08/09/2005 Analyzed: 08/09/2005 22:23
Dilution: 1.00

MSD: 2005/08/09-2C.65-050 Extracted: 08/09/2005 Analyzed: 08/09/2005 22:50
Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.4	19.0	ND	25	93.6	76.0	20.8	65-165	20		R4
Benzene	24.3	19.2	ND	25	97.2	76.8	23.4	69-129	20		R4
Toluene	24.6	22.3	ND	25	98.4	89.2	9.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	465	429		500	93.0	85.9		73-130			
Toluene-d8	493	463		500	98.6	92.6		81-114			

Fuel Oxygenates by 8260B

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Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/10-01.68**

MS/MSD

Lab ID: 2005-07-0807 - 001

MS: 2005/08/10-01.68-021 Extracted: 08/10/2005 Analyzed: 08/10/2005 10:21
Dilution: 500.00

MSD: 2005/08/10-01.68-047 Extracted: 08/10/2005 Analyzed: 08/10/2005 10:47
Dilution: 500.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	40200	39100	29200	12500	88.0	79.2	10.5	65-165	20		
Benzene	15600	15800	5070	12500	84.2	85.8	1.9	69-129	20		
Toluene	27600	29000	18400	12500	73.6	84.8	14.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	439	411		500	87.9	82.2		73-130			
Toluene-d8	500	493		500	99.9	98.6		81-114			

Fuel Oxygenates by 8260B

Malcolm Pirnie Inc.

Attn.: Maryline Laugier

2000 Powell St., Suite 1180
Emeryville, CA 94608
Phone: (510) 596-3060 Fax: (510) 596-8855

Project: 4459-010
Jefferson Car Wash (JCW)

Received: 08/03/2005 18:10

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

N1

Internal standard out of range.

Result Flag

M3

Sample > 4x spike concentration.

M5

MS/MSD spike recoveries were below acceptance limits.
See blank spike (LCS).

Q6

The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

R1

Analyte RPD was out of QC limits.

R4

RPD exceeded method control limit; % recoveries within limits.

S6

Surrogate recoveries lower than acceptance limits.
Matrix interference suspected

SEVERN TRENT STL

STL San Francisco Chain of Custody

1220 Quarry Lane ● Pleasanton CA 94566-4756
Phone: (925) 484-1919 ● Fax: (925) 484-1096
Email: sflogin@stl-inc.com

2005-08-0125

Reference #: 117288

Date Aug. 2-3, 2005 Page 1 of 2

Report To

Attn: Mr. Todd Miller
Company: Malcolm Pirnie, Inc.
Address: 2000 Powell St. Suite 1180 Emeryville, CA 94608
Phone: (510) 596-3060 Email:
Bill To: MPI White Plains, NY
Sampled By: ESS Jacki Lee
Attn: Accts Payable
Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☒ 8260B ☒ Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4				Number of Containers
Trip Blank	8/2/05	9:00	W	HCl	X																				2
BC-15D	8/2/05	10:11	GW	None	X																				3
BC-4	8/2/05	10:54	GW	None	X																				3
BC-11B 11D	8/2/05	11:40	GW	None	X														gr 8/3/05 ~~Well Point = BC-11 DBC~~						3
BC-11S	8/2/05	12:15	GW	None	X																				3
BC-5	8/2/05	14:19	GW	None	X																				3
BC-2	8/2/05	15:38	GW	None	X																				3
BC-2 DUP	8/2/05	15:38	GW	None	X														Well Point = BC-2 ~~Well Point = BC~~						3
BC-20	8/2/05	16:11	GW	None	X														gr 8/3/05						3
BC-13D	8/2/05	17:02	GW	None	X																				3

Project Info.

Project Name: Jefferson Car Wash (JCW)
Project#: 4459-010
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 4°C
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h
Other:

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☒ State Tank Fund EDF ☒ Global ID 5532

Special Instructions / Comments:
7 DAY HOLDING TIME
Use Detection Limit of 0.5 µg/L for MTBE

See Terms and Conditions on reverse

*STL SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 18:10	Signature: Time:	Signature: Time:
Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: Date:	Printed Name: Date:
Company: Env. Sampling Services	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 18:10	Signature: Time:	Signature: Time:
Printed Name: T. Bullock Date: 8/3/05	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

SEVERN TRENT STL

STL San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: sflogin@stl-inc.com

2005-08-0125

Reference #: 117288

Date Aug 23, 2005 Page 2 of 2

Report To

Attn: Mr. Todd Miller
Company: Malcolm Pirnie, Inc.
Address: 2000 Powell St. Suite 1180 Emeryville, CA 94608
Phone: (510) 596-3060 Email:
Bill To: MPI White Plains, NY
Sampled By: ESS: Jacki Lee
Attn: Accts Payable
Phone: —

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☒ 8260B ☒ Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 801 SM* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	W.E.T (STLC) ☐ TCLP	Hexavalent Chromium pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4				Number of Containers
BC-3	8/3/05	9:30	GW	None	X																				3
BC-3 DUP	8/3/05	9:30	GW	None	X																				3
BC-13S	8/3/05	9:50	GW	None	X													Well	Point =		BC-3				3
BC-14S	8/3/05	10:16	GW	None	X																				3
BC-14D	8/3/05	10:27	GW	None	X																				3
BC-1	8/3/05	11:05	GW	None	X																				3
PVT-3080	8/3/05	11:20	GW	None	X																				3
BC-15S	8/3/05	11:35	GW	None	X																				3

Project Info.

Project Name: Jefferson Car Wash (JCW)
Project#: 4459-010
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 4°C
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h
Other:

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☒ State Tank Fund EDF ☒ Global ID 5532

Special Instructions / Comments:
7 DAY HOLDING TIME
Use Detection Limit of 0.5ug/L for MTBE

See Terms and Conditions on reverse

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 18:10	Signature: Time:	Signature: Time:
Printed Name: Jacqueline Lee Date: 8/3/05	Printed Name: Date:	Printed Name: Date:
Company: Env. Sampling Services	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 18:10	Signature: Time:	Signature: Time:
Printed Name: T. Bullock Date: 8/3/05	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

APPENDIX C
Historical Analytical Results

Table 2
Summary of February 2005 Groundwater Elevation Data and Analytical Laboratory Results for Monitoring Wells
Jefferson Car Wash Site, 3080 Jefferson Street, Napa, California

Sample ID	Date Sampled	Top of Casing Elevation (ft, msl)[1]	Well Depth (ft)	Depth to Water (ft, bgs)[2]	Groundwater Elevation (ft, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-1	02/25/2005	46.66	21.42	11.31	35.35	<50	<0.50	<0.50	<0.50	<1.0	**4.1**
BC-2	02/24/2005	46.20	22.90	9.99	36.21	**52**	<0.50	<0.50	<0.50	<1.0	**40**
BC-3	02/25/2005	46.57	22.90	10.15	36.42	<50	<0.50	<0.50	<0.50	<1.0	**10**
BC-3 DUP	02/25/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	**12**
BC-4	02/24/2005	44.64	20.68	8.88	35.76	**2,200**	**1.4**	**0.64**	**39**	<1.0	**56**
BC-5	02/24/2005	45.21	23.62	8.96	36.25	<50	<0.50	<0.50	<0.50	<1.0	**4.6**
BC-6	02/25/2005	44.78	26.87	11.41	33.37	**57 H**	<0.50	<0.50	<0.50	<1.0	**48**
BC-7	02/24/2005	44.53	19.75	8.50	36.03	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-8	02/24/2005	43.46	19.47	9.23	34.23	<50	<0.50	<0.50	<0.50	<1.0	**13**
BC-9	02/24/2005	42.29	18.70	7.81	34.48	<50	<0.50	<0.50	<0.50	<1.0	**0.71**
BC-10S	02/25/2005	44.07	17.98	8.91	35.16	<50	<0.50	**1.7**	<0.50	**1.1**	**35**
BC-10D	02/24/2005	44.07	23.90	9.25	34.82	**190**	<1.0	**3.2**	<1.0	**2.7**	**160**
BC-11S	02/24/2005	45.41	21.44	9.17	36.24	<50	<0.50	<0.50	<0.50	<1.0	**25**
BC-11D	02/24/2005	45.41	22.69	9.17	36.24	<50	<0.50	<0.50	<0.50	<1.0	**14**
BC-12S	02/24/2005	44.51	18.24	8.46	36.05	<50	<0.50	**1.1**	<0.50	**1.1**	<0.50
BC-12S DUP	02/24/2005	-	-	-	-	<50	<0.50	**1.2**	<0.50	**1.1**	<0.50
BC-12D	02/24/2005	44.51	24.45	8.55	35.96	<50	<0.50	**1.0**	<0.50	**1.7**	**2.3**
BC-13S	02/25/2005	47.04	18.61	10.56	36.48	<2,000	<20	<20	<20	<40	**1,000**
BC-13D	02/25/2005	47.04	24.50	10.59	36.45	**110 H**	<0.50	<0.50	<0.50	<1.0	**110**
BC-14S	02/25/2005	46.52	22.18	9.95	36.57	**95 H**	<0.50	<0.50	<0.50	<1.0	**110**
BC-14D	02/25/2005	46.52	26.73	10.46	36.06	**630 H**	<2.5	<2.5	<2.5	<5.0	**800**
BC-15S	02/25/2005	45.11	17.05	9.53	35.58	<50	<0.50	<0.50	<0.50	<1.0	**6.2**
BC-15D	02/24/2005	45.11	20.72	9.36	35.75	<50	<0.50	<0.50	<0.50	<1.0	**0.87**
BC-15D DUP	02/24/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	**0.81**
BC-17	02/25/2005	44.79	23.42	8.60	36.19	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-18	02/25/2005	44.03	30.02	8.17	35.86	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-19	02/25/2005	40.68	29.55	5.51	35.17	<50	<0.50	<0.50	<0.50	<1.0	<0.50
BC-20	02/24/2005	46.58	48.53	18.59	27.99	**72 H**	<0.50	<0.50	<0.50	<1.0	**78**
BC-21	02/24/2005	43.62	46.14	13.02	30.60	<50	<0.50	<0.50	<0.50	<1.0	**26**
BC-22	02/25/2005	44.46	60.41	13.41	31.05	<50	<0.50	<0.50	<0.50	<1.0	<0.50
PVT-1032S	02/25/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50
PVT-1032D	02/25/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50
PVT-3080	02/25/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50
Trip Blank	02/24/2005	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<0.50

[1]msl – mean sea level; [2]bgs – below ground surface; [3]Total petroleum hydrocarbons as gasoline; [4]Methyl *tert*-butyl ether
H – Data qualifier indicates that the sample does not match the gasoline chromatogram standard

Table 2
Summary of November 2004 Groundwater Elevation Data and Analytical Laboratory Results for Monitoring Wells
Jefferson Car Wash Site, 3080 Jefferson Street, Napa, California

Sample ID	Date Sampled	Top of Casing Elevation (ft, msl)[1]	Well Depth (ft)	Depth to Water (ft, bgs)[2]	Groundwater Elevation (ft, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-2	11/09/2004	46.20	22.90	11.03	35.17	**83**	<0.5	<0.5	<0.5	<1	**34**
BC-4	11/09/2004	44.64	20.68	10.54	34.10	**810**	<0.5	<0.5	**28**	<1	**51**
BC-6	11/09/2004	44.78	26.87	13.60	31.18	<50	<0.5	<0.5	<0.5	<1	**45**
BC-8	11/09/2004	43.46	19.47	11.82	31.64	**130**	<0.5	<0.5	<0.5	<1	**54**
BC-8-DUP	11/09/2004	-	-	-	-	**140**	<0.5	<0.5	<0.5	<1	**58**
BC-9	11/09/2004	42.29	18.70	10.66	31.63	**63**	<0.5	<0.5	<0.5	<1	**6.3**
BC-17	11/09/2004	44.79	23.42	11.58	33.21	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-18	11/09/2004	44.03	30.02	11.52	32.51	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-19	11/09/2004	40.68	29.55	8.72	31.96	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-20	11/09/2004	44.01	48.53	24.13	19.88	**63 H**	<0.5	<0.5	<0.5	<1	**59**
BC-20-DUP	11/09/2004	-	-	-	-	**59 H**	<0.5	<0.5	<0.5	<1	**58**
BC-21	11/09/2004	41.03	46.14	17.43	23.60	<50	<0.5	<0.5	<0.5	<1	**44**
BC-22	11/09/2004	41.87	60.41	17.68	24.19	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-1032S	11/09/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-1032D	11/09/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-3080	11/09/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
Trip Blank	11/09/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5

[1]msl – mean sea level; [2]bgs – below ground surface; [3]Total petroleum hydrocarbons as gasoline; [4]Methyl *tert*-butyl ether
H – Data qualifier indicates that the sample does not match the gasoline chromatogram standard; NS – Not sampled

Table 2
Summary of August 2004 Groundwater Elevation Data and Analytical Laboratory Results for Monitoring Wells
Jefferson Car Wash Site, 3080 Jefferson Street, Napa, California

Sample ID	Date Sampled	Top of Casing Elevation (ft, msl)[1]	Well Depth (ft)	Depth to Water (ft, bgs)[2]	Groundwater Elevation (ft, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-1	08/02/2004	46.66	21.42	11.60	35.06	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-2	08/02/2004	46.20	22.90	11.58	34.62	<50	<0.5	<0.5	<0.5	<1	**55**
BC-3	08/02/2004	46.57	22.90	11.80	34.77	<50	<0.5	<0.5	<0.5	<1	**15**
BC-4	08/02/2004	44.64	20.68	11.11	33.53	**540 H**	<0.5	<0.5	<0.5	<1	**3.1**
BC-4-DUP	08/02/2004	-	-	-	-	**540 H**	<0.5	<0.5	<0.5	<1	**3.2**
BC-5	08/02/2004	45.21	23.62	11.28	33.93	<50	<0.5	<0.5	<0.5	<1	**20**
BC-6	08/02/2004	44.78	26.87	12.90	31.88	**52 H**	<0.5	<0.5	<0.5	<1	**58**
BC-7	08/02/2004	44.53	19.75	11.75	32.78	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-8	08/02/2004	43.46	19.47	11.18	32.28	**120 H**	<0.5	<0.5	<0.5	<1	**94**
BC-9	08/02/2004	42.29	18.70	10.78	31.51	**52 H**	<0.5	<0.5	<0.5	<1	**14**
BC-10S	08/02/2004	44.07	17.98	11.12	32.95	**72 H**	<0.5	<0.5	<0.5	<1	**100**
BC-10D	08/02/2004	44.07	23.90	12.33	31.74	**120 H**	<0.5	<0.5	<0.5	<1	**170**
BC-11S	08/02/2004	45.41	21.44	11.46	33.95	<50	<0.5	<0.5	<0.5	<1	**23**
BC-11D	08/02/2004	45.41	22.69	11.45	33.96	<50	<0.5	<0.5	<0.5	<1	**14**
BC-12S	08/02/2004	44.51	18.24	11.72	32.79	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-12D	08/02/2004	44.51	24.45	11.78	32.73	<50	<0.5	<0.5	<0.5	<1	**7.6**
BC-12D-DUP	08/02/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	**9.1**
BC-13S	08/02/2004	47.04	18.61	12.25	34.79	<2,000	<20	<20	<20	<40	**1,500**
BC-13D	08/02/2004	47.04	24.50	12.28	34.76	**110 H**	<0.5	<0.5	<0.5	<1	**190**
BC-14S	08/02/2004	46.52	22.18	11.85	34.67	<250	<0.5	<0.5	<0.5	<1	**230**
BC-14D	08/02/2004	46.52	26.73	12.79	33.73	**450 H**	<0.5	<0.5	<0.5	<1	**680**
BC-15S	08/02/2004	45.11	17.05	11.08	34.03	NS	NS	NS	NS	NS	NS
BC-15D	08/02/2004	45.11	20.72	11.58	33.53	**320 H**	<2.5	<2.5	<2.5	<5	**440**
BC-17	08/02/2004	44.79	23.42	11.89	32.90	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-17-DUP	08/02/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-18	08/02/2004	44.03	30.02	10.65	33.38	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-19	08/02/2004	40.68	29.55	8.64	32.04	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-20	08/02/2004	46.58	48.53	26.32	20.26	<50	<0.5	<0.5	<0.5	<1	**54**
BC-21	08/02/2004	43.62	46.14	24.04	19.58	<50	<0.5	<0.5	<0.5	<1	**47**
BC-22	08/02/2004	44.46	60.41	25.30	19.16	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-1032S	08/02/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-1032D	08/02/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-3080	08/02/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
Trip Blank	08/02/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5

[1]msl – mean sea level; [2]bgs – below ground surface; [3]Total petroleum hydrocarbons as gasoline; [4]Methyl *tert*-butyl ether
H – Data qualifier indicates that the sample does not match the gasoline chromatogram standard; NS – Not sampled

Table 2
Summary of May 2004 Groundwater Elevation Data and Analytical Laboratory Results for Monitoring Wells
Jefferson Car Wash Site, 3080 Jefferson Street, Napa, California

Sample ID	Date Sampled	Top of Casing Elevation (ft, msl)[1]	Well Depth (ft)	Depth to Water (ft, bgs)[2]	Groundwater Elevation (ft, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-2	05/04/2004	46.20	22.90	11.45	34.75	<50	<0.5	<0.5	<0.5	<1	**28**
BC-4	05/04/2004	44.64	20.68	10.49	34.15	**1,500**	<0.5	<0.5	**4.1**	<1	**38**
BC-6	05/04/2004	44.78	26.87	12.88	31.90	<50	<0.5	<0.5	<0.5	<1	**11**
BC-8	05/04/2004	43.46	19.47	10.02	33.44	**52 H**	<0.5	<0.5	<0.5	<1	**69**
BC-9	05/04/2004	42.29	18.70	9.40	32.89	<50	<0.5	<0.5	<0.5	<1	**18**
BC-17	05/04/2004	44.79	23.42	10.93	33.86	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-17-DUP	05/04/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-18	05/04/2004	44.03	30.02	10.60	33.43	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-19	05/04/2004	40.68	29.55	7.68	33.00	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-20	05/04/2004	46.58	48.53	22.90	23.68	<50	<0.5	<0.5	<0.5	<1	**56**
BC-20-DUP	05/04/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	**60**
BC-21	05/04/2004	43.62	46.14	19.88	23.74	<50	<0.5	<0.5	<0.5	<1	**24**
BC-22	05/04/2004	44.46	60.41	22.21	22.25	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-1032S	05/04/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-1032D	05/04/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-3080	05/04/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
Trip Blank	05/04/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5

[1]msl – mean sea level; [2]bgs – below ground surface; [3]Total petroleum hydrocarbons as gasoline; [4]Methyl *tert*-butyl ether
H – Data qualifier indicates that the sample does not match the gasoline chromatogram standard

Table 2
Summary of February 2004 Groundwater Elevation Data and Analytical Laboratory Results for Monitoring Wells
Jefferson Car Wash Site, 3080 Jefferson Street, Napa, California

Sample ID	Date Sampled	Top of Casing Elevation (ft, msl)[1]	Well Depth (ft)	Depth to Water (ft, bgs)[2]	Groundwater Elevation (ft, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-1	02/13/2004	46.66	21.42	11.35	35.31	<50	<0.5	<0.5	<0.5	<1	**10**
BC-2	02/12/2004	46.20	22.90	10.89	35.31	<100	<1	<1	<1	<2	**33**
BC-3	02/13/2004	46.57	22.90	11.23	35.34	<50	<0.5	<0.5	<0.5	<1	**30**
BC-3-DUP	02/13/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	**30**
BC-4	02/13/2004	44.64	20.68	9.44	35.20	**720**	<0.5	<0.5	**3.3**	<1	**45**
BC-5	02/13/2004	45.21	23.62	10.11	35.10	<50	<0.5	<0.5	<0.5	<1	**39**
BC-6	02/12/2004	44.78	26.87	9.86	34.92	<50	<0.5	<0.5	<0.5	<1	**1**
BC-7	02/13/2004	44.53	19.75	9.79	34.74	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-8	02/12/2004	43.46	19.47	8.81	34.65	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-9	02/13/2004	42.29	18.70	8.30	33.99	<50	<0.5	<0.5	<0.5	<1	**8.3**
BC-10S	02/12/2004	44.07	17.98	10.07	34.00	<250	<2.5	<2.5	<2.5	<5	**210**
BC-10D	02/13/2004	44.07	23.90	10.12	33.95	**120 H**	<1	**1.6**	<1	<2	**200**
BC-11S	02/13/2004	45.41	21.44	10.29	35.12	<100	<1	<1	<1	<2	**210**
BC-11S-DUP	02/13/2004	-	-	-	-	**110 H**	<1	<1	<1	<2	**150**
BC-11D	02/13/2004	45.41	22.69	10.29	35.12	<50	<0.5	<0.5	<0.5	<1	**140**
BC-12S	02/13/2004	44.51	18.24	9.76	34.75	<50	<0.5	**0.99**	<0.5	**1.1**	**6.1**
BC-12S-DUP	02/13/2004	-	-	-	-	<50	<0.5	**0.96**	<0.5	**1.1**	**6.1**
BC-12D	02/13/2004	44.51	24.45	9.79	34.72	<100	<1	**1.2**	<1	<2	**120**
BC-13S	02/13/2004	47.04	18.61	11.65	35.39	<2,000	<20	<20	<20	<40	**2,300**
BC-13D	02/13/2004	47.04	24.50	11.69	35.35	<500	<5	<5	<5	<10	**390**
BC-14S	02/13/2004	46.52	22.18	10.74	35.78	**280 H**	<2.5	<2.5	<2.5	<5	**340**
BC-14D	02/13/2004	46.52	26.73	11.45	35.07	**1,000 H**	<10	<10	<10	<20	**1,500**
BC-15S	02/13/2004	45.11	17.05	9.86	35.25	<50	<0.5	<0.5	<0.5	<1	**23**
BC-15D	02/13/2004	45.11	20.72	9.89	35.22	<250	<2.5	<2.5	<2.5	<5	**240**
BC-17	02/13/2004	44.79	23.42	10.00	34.79	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-18	02/13/2004	44.03	30.02	9.56	34.47	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-19	02/13/2004	40.68	29.55	6.96	33.72	<50	<0.5	<0.5	<0.5	<1	<0.5
BC-20	02/12/2004	46.58	48.53	20.46	26.12	<50	<0.5	<0.5	<0.5	<1	**53**
BC-21	02/12/2004	43.62	46.14	16.48	27.14	<50	<0.5	<0.5	<0.5	<1	**17**
BC-22	02/12/2004	44.46	60.41	18.95	25.51	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-1032S	02/13/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-1032D	02/13/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
PVT-3080	02/13/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5
Trip Blank	02/12/2004	-	-	-	-	<50	<0.5	<0.5	<0.5	<1	<0.5

[1] [illegible] level; [2] bgs - below ground surface; [3] Total petroleum hydrocarbons as gasoline; [4] Methyl *tert*-butyl ether

Table 2
Summary of December 2003 Groundwater Elevation Data and Analytical Laboratory Results for Permanent Monitoring Wells
Jefferson Car Wash Site, 3080 Jefferson Street, Napa, CA

Sample ID	Date Sampled	Top of Casing Elevation (feet, msl)[1]	Depth to Water (feet, bgs)[2]	Groundwater Elevation (feet, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-2	12/02/2003	46.20	10.45	35.75	**170**	<0.5	<0.5	<0.5	<0.5	**190**
BC-4	12/02/2003	44.64	8.51	36.13	**430**	<0.5	<0.5	**2.4**	<0.5	**60**
BC-6	12/02/2003	44.78	8.41	36.37	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-8	12/02/2003	43.46	8.02	35.44	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-8-DUP	12/02/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-9	12/02/2003	42.29	8.02	34.27	**62**	<0.5	<0.5	<0.5	<0.5	**61**
BC-17	12/02/2003	44.79	9.78	35.01	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-18	12/02/2003	44.03	9.40	34.63	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-19	12/02/2003	40.68	6.68	34.00	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-20	12/02/2003	46.58	20.60	25.98	<50	<0.5	<0.5	<0.5	<0.5	**44**
BC-21	12/02/2003	43.62	14.74	28.88	<50	<0.5	<0.5	<0.5	<0.5	**13**
BC-22	12/02/2003	44.46	15.26	29.2	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-22-DUP	12/02/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5
PVT-1032S	12/02/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
PVT-1032D	12/02/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
PVT-3080	12/02/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5
Trip Blank	12/02/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5

[1]msl – mean sea level; [2]bgs – below ground surface; [3]Total petroleum hydrocarbons as gasoline; [4]Methyl *tert*-butyl ether; NA – Not Analyzed

Table 2
Summary of September 2003 Groundwater Elevation Data and Analytical Laboratory Results for Permanent Monitoring Wells
Crystal Car Wash Site, 3080 Jefferson Street, Napa, CA

Sample ID	Date Sampled	Top of Casing Elevation (ft, msl)[1]	Well Depth (ft)	Depth to Water (ft, bgs)[2]	Groundwater Elevation (ft, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-1	09/05/2003	46.66	21.42	11.68	34.98	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-2	09/05/2003	46.20	22.90	11.43	34.77	**2,400**	<10	<10	<10	<10	**2,800**
BC-2-DUP	09/05/2003	-	-	-	-	**2,500**	<10	<10	<10	<10	**2,800**
BC-3	09/05/2003	46.57	22.90	11.76	34.81	**230**	<1	<1	<1	<1	**280**
BC-4	09/04/2003	44.64	20.68	10.39	34.25	**2,400**	<10	<10	<10	<10	**2,300**
BC-4-DUP	09/04/2003	-	-	-	-	**2,500**	<10	<10	<10	<10	**2,200**
BC-5	09/04/2003	45.21	23.62	11.08	34.13	**160**	<1	<1	<1	<1	**190**
BC-6	09/05/2003	44.78	26.87	11.05	33.73	<50	<0.5	<0.5	<0.5	<0.5	**5.3**
BC-7	09/04/2003	44.53	19.75	11.27	33.26	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-7-DUP	09/04/2003	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-8	09/04/2003	43.46	19.47	10.35	33.11	<50	<0.5	<0.5	<0.5	<0.5	**25**
BC-9	09/05/2003	42.29	18.70	9.79	32.5	<50	<0.5	<0.5	<0.5	<0.5	**20**
BC-10S	09/05/2003	44.07	17.98	11.28	32.79	**180**	<1	<1	<1	<1	**260**
BC-10D	09/05/2003	44.07	23.90	11.78	32.29	**97**	<0.5	<0.5	<0.5	<0.5	**150**
BC-11S	09/04/2003	45.41	21.44	11.22	34.19	**67**	<0.5	<0.5	<0.5	<0.5	**80**
BC-11D	09/04/2003	45.41	22.69	11.23	34.18	**56**	<0.5	<0.5	<0.5	<0.5	**61**
BC-12S	09/04/2003	44.51	18.24	11.25	33.26	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-12D	09/04/2003	44.51	24.45	11.33	33.18	<50	<0.5	<0.5	<0.5	<0.5	**39**
BC-13S	09/05/2003	47.04	18.61	12.15	34.89	**2,000**	<10	<10	<10	<10	**2,200**
BC-13D	09/04/2003	47.04	24.50	12.22	34.82	**400**	<2.5	<2.5	<2.5	<2.5	**450**
BC-14S	09/05/2003	46.52	22.18	11.68	34.84	**5,000**	<25	<25	<25	<25	**5,000**
BC-14D	09/05/2003	46.52	26.73	12.21	34.31	**2,700**	<10	<10	<10	<10	**3,100**
BC-15S	09/04/2003	45.11	17.05	10.83	34.28	**110**	<0.5	<0.5	<0.5	<0.5	**120**
BC-15D	09/04/2003	45.11	20.72	10.83	34.28	**2,200**	<10	<10	<10	<10	**2,400**
BC-17	09/04/2003	44.79	23.42	11.44	33.35	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-18	09/04/2003	44.03	30.02	11.14	32.89	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-19	09/05/2003	40.68	29.55	8.39	32.29	<50	<0.5	<0.5	<0.5	<0.5	<5
BC-20	09/05/2003	46.58	48.53	25.11	21.47	<50	<0.5	<0.5	<0.5	<0.5	**31**
BC-21	09/05/2003	43.62	46.14	21.90	21.72	<50	<0.5	<0.5	<0.5	<0.5	**6.2**
BC-22	09/05/2003	44.46	60.41	24.80	19.66	<50	<0.5	<0.5	<0.5	<0.5	<5
PVT-1032S	09/05/2003	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
PVT-1032D	09/05/2003	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
PVT-3080	09/05/2003	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5
Trip Blank	09/04/2003	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5

[1]msl – mean sea level; [2]bgs – below ground surface; [3]Total petroleum hydrocarbons as gasoline; [4]Methyl *tert*-butyl ether

Table 2
Summary of May 2003 Groundwater Elevation Data and Analytical Laboratory Results for Permanent Monitoring Wells
Crystal Car Wash Site, 3080 Jefferson Street, Napa, CA

Sample ID	Date Sampled	Top of Casing Elevation (feet, msl)[1]	Depth to Water (feet, bgs)[2]	Groundwater Elevation (feet, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-2	05/27/2003	46.20	11.18	35.02	<1,000	<10	<10	<10	<10	4,300
BC-4	05/27/2003	44.64	10.00	34.64	420	<0.5	<0.5	3.3	<0.5	1,700
BC-6	05/27/2003	44.78	10.43	34.35	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-8	05/27/2003	43.46	9.60	33.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-9	05/27/2003	42.29	8.98	33.31	<50	<0.5	<0.5	<0.5	<0.5	6.2
BC-9-DUP	05/27/2003				<50	<0.5	<0.5	<0.5	<0.5	6.5
BC-17	05/27/2003	44.79	10.72	34.07	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-17-DUP	05/27/2003				<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-18	05/27/2003	44.03	10.37	33.66	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-19	05/27/2003	40.68	7.50	33.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-20	05/27/2003	46.58	23.01	23.57	<50	<0.5	<0.5	<0.5	<0.5	19
BC-21	05/27/2003	43.62	20.33	23.29	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-22	05/27/2003	44.46	22.45	22.01	<50	<0.5	<0.5	<0.5	<0.5	<2.5
PVT-1032S	05/27/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
PVT-1032S	07/16/2003	-	-	-	NA	NA	NA	NA	NA	1.2
PVT-1032D	05/27/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	3.1
PVT-1032D	07/16/2003	-	-	-	NA	NA	NA	NA	NA	<0.5
PVT-3080	05/27/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	05/27/2003	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5

[1]msl – mean sea level; [2]bgs – below ground surface; [3]Total petroleum hydrocarbons as gasoline; [4]Methyl *tert*-butyl ether; NA – Not Analyzed

Table 2
Summary of February 2003 Groundwater Elevation Data and Analytical Laboratory Results for Permanent Monitoring Wells
Crystal Car Wash Site, 3080 Jefferson Street, Napa, CA

Sample ID	Date Sampled	Top of Casing Elevation (ft, msl)[1]	Well Depth (ft)	Depth to Water (ft, bgs)[2]	Groundwater Elevation (ft, msl)[1]	TPH-G[3] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE[4] (µg/L)
BC-1	02/18/2003	46.66	21.42	10.84	35.82	61	<0.5	<0.5	<0.5	<0.5	92
BC-1-DUP	02/18/2003	46.66	21.42	10.84	35.82	65	<0.5	<0.5	<0.5	<0.5	94
BC-2	02/18/2003	46.20	22.90	10.12	36.08	2,800	<0.5	<0.5	<0.5	<0.5	4,500
BC-3	02/19/2003	46.57	22.90	10.45	36.12	690	<0.5	<0.5	<0.5	<0.5	1,100
BC-4	02/19/2003	44.64	20.68	8.20	36.44	1,500	<0.5	<0.5	26	<0.5	1,400
BC-5	02/19/2003	45.21	23.62	8.90	36.31	160	<0.5	<0.5	<0.5	<0.5	280
BC-6	02/18/2003	44.78	26.87	8.40	36.38	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-7	02/18/2003	44.53	19.75	8.03	36.50	<50	<0.5	<0.5	<0.5	<0.5	8.1
BC-8	02/18/2003	43.46	19.47	7.14	36.32	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-9	02/18/2003	42.29	18.70	6.80	35.49	<50	<0.5	<0.5	<0.5	<0.5	3.8
BC-10S	02/19/2003	44.07	17.98	10.11	33.96	110	<0.5	<0.5	<0.5	<0.5	180
BC-10D	02/19/2003	44.07	23.90	8.72	35.35	<50	<0.5	<0.5	<0.5	0.68	54
BC-11S	02/19/2003	45.41	21.44	9.11	36.30	340	<0.5	<0.5	<0.5	<0.5	590
BC-11D	02/19/2003	45.41	22.69	9.11	36.30	<50	<0.5	<0.5	<0.5	<0.5	660
BC-12S	02/18/2003	44.51	18.24	8.04	36.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-12D	02/18/2003	44.51	24.45	7.95	36.56	76	<0.5	<0.5	<0.5	<0.5	130
BC-13S	02/19/2003	47.04	18.61	12.20	34.84	<50	<0.5	<0.5	<0.5	<0.5	2,600
BC-13D	02/19/2003	47.04	24.50	10.90	36.14	<50	<0.5	<0.5	<0.5	<0.5	840
BC-14S	02/19/2003	46.52	22.18	10.48	36.04	<50	<0.5	<0.5	<0.5	<0.5	5,000
BC-14D	02/19/2003	46.52	26.73	13.26	33.26	2,100	<0.5	<0.5	<0.5	<0.5	3,800
BC-15S	02/19/2003	45.11	17.05	8.87	36.24	1,800	<0.5	<0.5	<0.5	<0.5	2,800
BC-15D	02/19/2003	45.11	20.72	8.67	36.44	<50	<0.5	<0.5	<0.5	<0.5	2,800
BC-17	02/18/2003	44.79	23.42	8.31	36.48	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-18	02/18/2003	44.03	30.02	7.66	36.37	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-18-DUP	02/18/2003	44.03	30.02	7.66	36.37	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-19	02/18/2003	40.68	29.55	5.13	35.55	<50	<0.5	<0.5	<0.5	<0.5	11
BC-20	02/19/2003	46.58	48.53	17.75	28.83	<50	<0.5	<0.5	<0.5	<0.5	7.5
BC-20-DUP	02/19/2003	46.58	48.53	17.75	28.83	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-21	02/18/2003	43.62	46.14	14.29	29.33	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-22	02/18/2003	44.46	60.41	15.29	29.17	<50	<0.5	<0.5	<0.5	<0.5	3
PVT-1032S	02/18/2003	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
PVT-1032D	02/18/2003	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
PVT-3080	02/18/2003	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples
Crystal Car Wash Facility, 3080 Jefferson St., Napa, California

						EPA Method 8260 (Concentration in ug/L)					
Sample ID	Date Sampled	Well Elevation (ft)	Well Depth (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE
BC-1	10/31/2002	48.25	21.42	11.79	36.46	<50	<0.5	<0.5	<0.5	<0.5	<2.5
BC-2	10/31/2002	46.77	22.90	11.58	35.19	2900	<25	<25	<25	<25	4800
BC-3	10/31/2002	48.19	22.20	11.90	36.29	120	<0.5	<0.5	<0.5	<0.5	260
BC-4	10/31/2002	45.18	20.58	10.50	34.68	250	<0.5	<0.5	0.55	<0.5	300
BC-5	10/31/2002	45.75	23.62	11.18	34.57	330	<0.5	<0.5	<0.5	<0.5	550
BC-5-DUP	10/31/2002					330	<2.5	<2.5	<2.5	<2.5	560
BC-6	10/31/2002	45.30	26.87	11.45	33.85	<50	<0.5	<0.5	<0.5	<0.5	12
BC-7	10/31/2002	45.07	19.75	11.55	33.52	<50	<0.5	<0.5	<0.5	<0.5	2.6
BC-8	10/31/2002	43.99	19.47	10.73	33.26	120	<0.5	<0.5	<0.5	<0.5	230
BC-9	10/31/2002	42.84	18.70	10.27	32.57	61	<0.5	<0.5	<0.5	<0.5	95
BC-10S	11/01/2002	45.61	17.98	12.55	33.06	110	<0.5	<0.5	<0.5	<0.5	200
BC-10D	10/31/2002	45.61	23.90	10.73	34.88	53	<0.5	<0.5	<0.5	<0.5	71
BC-11S	10/31/2002	47.04	21.44	11.37	35.67	<50	<0.5	<0.5	<0.5	<0.5	70
BC-11D	10/31/2002	47.04	22.69	11.37	35.67	<50	<0.5	<0.5	<0.5	<0.5	55
BC-12S	10/31/2002	46.05	10.24	17.16	28.89	<50	<0.5	<0.5	<0.5	<0.5	7.9
BC-12D	10/31/2002	46.05	24.45	19.55	26.50	<50	<0.5	<0.5	<0.5	<0.5	66
BC-12D-DUP	10/31/2002					<50	<0.5	<0.5	<0.5	<0.5	67
BC-13S	10/31/2002	48.66	18.61	13.08	35.58	1500	<5.0	<5.0	<5.0	<5.0	2400
BC-13D	10/31/2002	48.66	24.50	12.36	36.30	99	<0.5	<0.5	<0.5	<0.5	210
BC-14S	10/31/2002	48.14	22.18	11.88	36.26	3600	<25	<25	<25	<25	5900
BC-14D	10/31/2002	48.14	26.73	14.15	33.99	2400	<5	8.5	<5	13	3900
BC-15S	10/31/2002	46.73	17.05	11.00	35.73	2400	<5.0	<5.0	<5.0	<5.0	4200
BC-15D	10/31/2002	46.73	20.72	10.94	35.79	930	<5.0	<5.0	<5.0	<5.0	1900
EW-1	10/31/2002	45.09	23.42	10.46	34.63	170	<0.5	<0.5	<0.5	<0.5	250
PVT-1032S	11/01/2002	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
PVT-1032D	11/01/2002	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
PVT-3080	11/01/2002	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	11/01/2002	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples
Crystal Car Wash Facility, 3080 Jefferson St., Napa, California

Sample ID	Date Sampled	Well Elevation (ft)	Well Depth (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	EPA Method 8015M (Concentration in ug/L)					Method 8260	
						TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	TBA	MtBE
BC-1	07/23/2002	48.25	21.42	11.75	36.50	<50	<0.5	<0.5	<0.5	<1.0	<5	2.6
BC-2	07/23/2002	46.77	22.90	11.53	35.24	3500	<25	<25	<25	<50	<250	4200
BC-3	07/23/2002	48.19	22.20	11.87	36.32	<200	<2	<2	<2	<4	<20	520
BC-4	07/23/2002	45.18	20.58	11.56	33.62	2400	<10	<10	18	<20	<100	3300
BC-4-Dup	07/23/2002	45.18			45.18	2400	<10	<10	16	<20	<100	3200
BC-5	07/23/2002	45.75	23.62	11.13	34.62	<250	<2.5	<2.5	<2.5	<5.0	<25	650
BC-6	07/23/2002	45.30	26.87	11.35	33.95	<50	<0.5	<0.5	<0.5	<1.0	<5	4.5
BC-7	07/23/2002	45.07	19.75	11.28	33.79	<50	<0.5	<0.5	<0.5	<1.0	<5	<0.5
BC-8	07/23/2002	43.99	19.47	10.41	33.58	130	<10	<1.0	<1.0	<2.0	<10	140
BC-8-Dup	07/23/2002	43.99			43.99	120	<10	<1.0	<1.0	<2.0	<10	140
BC-9	07/23/2002	42.84	18.70	13.82	29.02	<50	<0.5	<0.5	<0.5	<1.0	<5	42
BC-10S	07/23/2002	45.61	17.98	12.00	33.61	<50	<0.5	<0.5	<0.5	<1.0	<5	36
BC-10D	07/23/2002	45.61	23.90	13.50	32.11	<50	<0.5	<0.5	<0.5	<1.0	<5	40
BC-11S	07/23/2002	47.04	21.44	11.30	35.74	84	<0.5	<0.5	<0.5	<1.0	<5.0	98
BC-11D	07/23/2002	47.04	22.69	11.39	35.65	<50	<0.5	<0.5	<0.5	<1.0	<5.0	120
BC-12S	07/22/2002	46.05	10.24	11.20	34.85	<50	<0.5	<0.5	<0.5	<1.0	<5	7.3
BC-12D	07/22/2002	46.05	24.45	12.40	33.65	<50	<0.5	<0.5	<0.5	<1.0	<5	82
BC-13S	07/23/2002	48.66	18.61	13.54	35.12	1300	<10	<10	<10	<20	<100	1500
BC-13D	07/23/2002	48.66	24.50	12.31	36.35	<200	<2	<2	<2	<4	<20	340
BC-14S	07/23/2002	48.14	22.18	12.99	35.15	3700	<25	<25	<25	<50	<250	4400
BC-14D	07/23/2002	48.14	26.73	15.85	32.29	1400	<5	<5	<5	<10	<50	1300
BC-15S	07/23/2002	46.73	17.05	11.28	35.45	<2500	<25	<25	<25	<50	<250	4300
BC-15D	07/23/2002	46.73	20.72	11.02	35.71	<500	<5.0	<5.0	<5.0	<10	<50	1800
EW-1	07/23/2002	45.09	23.42	11.55	33.54	<1000	<10	<10	<10	<20	<100	2200
PVT-1032S	07/23/2002	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<5	<0.5
PVT-1032D	07/23/2002	-	-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<5	<0.5
PVT-3080	07/23/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50
Trip Blank	07/22/2002	-	-	-	-	<50	<0.5	<0.50	<0.50	<0.50	-	-

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples
Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Sample ID	Date Sampled	Well Elevation (ft)	Well Depth (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	EPA Method 8015M (Concentration in ug/L)					
						TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE
BC-1	04/10/2002	48.25	21.42	11.53	36.72	130	<0.50	<0.50	<0.50	<0.50	120
BC-2	04/10/2002	46.77	22.90	11.19	35.58	8200	<50	<50	<50	<50	9200
BC-3	04/10/2002	48.19	22.20	11.55	36.64	970	<5	<5	<5	<5	1200
BC-4	04/10/2002	45.18	20.58	9.96	35.22	2700	<5	<5	55	<5	1200
BC-5	04/10/2002	45.75	23.62	10.46	35.29	490	<2.5	<2.5	<2.5	<2.5	570
BC-6	04/11/2002	45.30	26.87	10.39	34.91	<50	<0.50	<0.50	<0.50	<0.50	<5.0
BC-7	04/11/2002	45.07	19.75	9.21	35.86	<50	<0.50	<0.50	<0.50	<0.50	<5.0
BC-8	04/11/2002	43.99	19.47	9.34	34.65	110	<0.50	<0.50	<0.50	<0.50	87
BC-9	04/11/2002	42.84	18.70	8.72	34.12	69	<0.50	<0.50	<0.50	<0.50	26
BC-10S	04/11/2002	45.61	17.98	10.06	35.55	90	<0.50	<0.50	<0.50	<0.50	61
BC-10D	04/12/2002	45.61	23.90	11.19	34.42	<50	<0.50	1.6	<0.50	<0.50	20
BC-11S	04/10/2002	47.04	21.44	10.73	36.31	380	<2.5	<2.5	<2.5	<2.5	390
BC-11D	04/10/2002	47.04	22.69	10.84	36.20	370	<2.5	<2.5	<2.5	<2.5	400
BC-12S	04/11/2002	46.05	10.24	10.16	35.89	<50	<0.50	<0.50	<0.50	<0.50	<5.0
BC-12D	04/11/2002	46.05	24.45	10.30	35.75	100	<0.50	<0.50	<0.50	<0.50	130
BC-13S	04/11/2002	48.66	18.61	12.76	35.90	1800	<10	<10	<10	<10	2300
BC-13D	04/10/2002	48.66	24.50	12.01	36.65	830	<5.0	<5.0	<5.0	<5.0	1000
BC-13D-Dup	04/10/2002	-	-	-	-	830	<5.0	<5.0	<5.0	<5.0	1100
BC-14S	04/10/2002	48.14	22.18	11.58	36.56	5000	<25	<25	<25	<25	5600
BC-14D	04/11/2002	48.14	26.73	13.99	34.15	810	<5.0	<5.0	<5.0	<5.0	1000
BC-15S	04/11/2002	46.73	17.05	10.26	36.47	2800	<13	<13	<13	<13	3500
BC-15D	04/10/2002	46.73	20.72	10.41	36.32	1700	<10	<10	<10	<10	1900
EW-1	04/10/2002	45.09	23.42	9.93	35.16	130	<0.50	<0.50	<0.50	<0.50	160
PVT-1032S	04/10/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<5.0
PVT-1032D	04/10/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<5.0
PVT-3080	04/11/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<5.0
PVT-3080-Dup	04/11/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<5.0
Trip Blank	04/10/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<5.0

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples Collected at Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
BC-1	4/15/1991	47.27	21.9	12.78	-	34.49	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/27/1992			11.85	-	35.42	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/16/1994			11.47	-	35.80	<100	<0.3	<0.3	<0.3	<0.6	NA
	6/9/1995			11.87	-	35.40	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/10/1995			11.49	-	35.78	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/5/1995			11.98	-	35.29	<50	<0.5	0.62	<0.5	<0.5	NA
	2/15/1996			11.22	-	36.05	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/13/1996			11.63	-	35.64	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/8/1996			11.85	-	35.42	<50	<0.5	<0.5	<0.5	<0.5	130
	3/31/1997			11.71	-	35.56	<50	<0.5	<0.5	<0.5	<0.5	580
	6/18/1997			11.87	-	35.40	<50	<0.5	<0.5	<0.5	<0.5	80
	9/30/1997			12.00	-	35.27	<50	<0.5	<0.5	<0.5	<0.5	<30
	12/30/1997			11.73	-	35.54	<50	<0.5	<0.5	<0.5	1.1	170
	3/16/1998			11.42	-	35.85	<50	<0.50	<0.50	<0.50	<0.50	500
	6/9/1998			11.53	-	35.74	<50	<0.50	<0.50	<0.50	<0.50	940
	9/28/1998			11.82	-	35.45	<50	<0.50	<0.50	<0.50	<0.50	80
	12/31/1998			10.79	-	36.48	<50	<0.50	<0.50	<0.50	<0.50	43
	3/30/1999			11.38	-	35.89	<50	<0.50	<0.50	<0.50	<0.50	405
	6/22/1999			11.80	-	35.47	<50	<0.50	<0.50	<0.50	<0.50	220
	10/7/1999						Well buried by soil					
	12/30/1999			11.67	-	35.60	<50	<0.5	<0.5	<0.5	<0.5	6.2
	3/8/2000			10.28	-	36.99	<50	<0.5	<0.5	<0.5	<0.5	220
	6/26/2000			11.61		35.66	<50	<0.50	<0.50	<0.50	<0.50	110
	9/15/2000			11.42		35.85	<50	<0.50	<0.50	<0.50	<0.50	5
	12/7/2000			11.67		35.60	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	3/29/2001			11.42	-	35.85	<50	<0.50	<0.50	<0.50	<0.50	150
	5/14/2001			11.73		35.54	<50	<0.50	<0.50	<0.50	<0.50	48
	7/6/2001	48.25[3]		11.80		36.45	<50	<0.50	<0.50	<0.50	<0.50	17
BC-2	4/15/1991	46.77	22.8	12.46	-	34.31	2,400	210	54	77	340	NA
	5/27/1992			11.48	-	35.29	480	76	1.8	40	47	NA
	2/16/1994			10.92	-	35.85	740	3.9	<0.3	4.9	3.0	NA
	6/9/1995			11.38	-	35.39	590	64	2.0	26	11	NA
	8/10/1995			11.58	-	35.19	270	16	<0.5	8.3	1.6	NA

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples Collected at Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
	12/5/1995			11.58	-	35.19	200	24	0.52	7.8	1.9	NA
	2/15/1996			10.54	-	36.23	1,300	130	1.5	81	37	NA
	5/13/1996			11.21	-	35.56	1,700	60	2.7	26	2.7	NA
	8/8/1996			11.44	-	35.33	310	25	<0.5	9.7	1.1	>6,000[1]
	3/31/1997			11.31	-	35.46	<50	3.0	<0.5	0.54	0.66	20,000
	6/18/1997			11.53	-	35.24	120	<0.5	<0.5	<0.5	<0.5	24,000
	9/30/1997			11.61	-	35.16	<50	3.7	<0.5	<0.5	<0.5	16,000
	12/30/1997			11.15	-	35.62	79	10	1.2	1.7	0.54	17,000
	3/16/1998			10.67	-	36.10	<100	1.6	<1.0	<1.0	<1.0	4,800
	6/9/1998			10.85	-	35.92	220	16.0	0.57	5.5	0.72	8,300
	9/28/1998			11.80	-	34.97	<1000	<10	<10	<10	<10	23,000
	12/31/1998			11.45	-	35.32	<10,000	<100	<100	<100	<100	26,000
	3/30/1999			10.72	-	36.05	275	15.2	<0.5	6.85	0.98	35,400
	6/22/1999			11.20	-	35.57	460	9.1	<0.50	3.1	1.2	15,000
	10/7/1999						Well buried by soil					
	12/30/1999			11.48	-	35.29	110	<10	<10	12	36	18,000
	3/8/2000			9.43	-	37.34	450 Y	<5	<5	<5	<5	8,300
	6/26/2000			11.23		35.54	<500	<5.0	<5.0	<5.0	<5.0	12,000
	9/15/2000			11.69		35.08	<2000	<20	<20	<20	<20	17,000
	12/7/2000			11.37		35.40	<2000	<20	<20	<20	<20	14,000
	3/29/2001			11.16	-	35.61	<100	<1.0	<1.0	<1.0	<1.0	13,000
	5/14/2001			11.44		35.33	<2000	<20	<20	<20	<20	13,000
	7/6/2001			11.59		35.18	<5000	<50	<50	<50	<50	12,000
BC-3	4/15/1991	47.13	21.9	12.79	-	34.34	450	160	5.7	<0.5	48	NA
	5/27/1992			11.86	-	35.27	90	8.9	<0.5	1.6	<0.5	NA
	2/16/1994			11.30	-	35.83	<100	<0.3	1.7	<0.3	3.0	NA
	6/9/1995			11.79	-	35.34	160	8.4	2.8	3.2	1.8	NA
	8/10/1995			11.03	-	36.10	<50	1.0	<0.5	0.80	0.72	NA
	12/5/1995			11.97	-	35.16	<50	1.1	0.60	0.61	<0.5	NA
	2/15/1996			10.93	-	36.20	200	15	0.59	4.5	<0.5	NA
	5/13/1996			11.63	-	35.50	140	6.2	<0.5	2.5	<0.5	NA
				11.82	-	35.31	160	2.8	<0.5	1.2	<0.5	>4,400[1]
									<0.5	<0.5	<0.5	4,700

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples Collected at Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
	6/18/1997			11.86	-	35.27	<50	<0.5	<0.5	<0.5	<0.5	2,600
	9/30/1997			12.03	-	35.10	<50	<0.5	<0.5	<0.5	<0.5	4,100
	12/30/1997			11.60	-	35.53	<50	0.78	1.1	<0.5	0.80	13,000
	3/16/1998			11.15	-	35.98	<1,000	<10	<10	<10	<10	6,500
	6/9/1998			11.20	-	35.93	<500	<5	<5	<5	<5	9,600
	9/28/1998			11.87	-	35.26	<50	1.9	<0.50	0.72	0.62	7,000
	12/31/1998			11.79	-	35.34	<50	<0.50	<0.50	<0.50	<0.50	720
	3/30/1999			11.11	-	36.02	<50	<0.50	<0.50	<0.50	<0.50	17,400
	6/22/1999			11.68	-	35.45	<50	<0.50	<0.50	<0.50	<0.50	4,200
	10/7/1999						Well buried by soil					
	12/30/1999						Well buried by soil					
	3/8/2000			9.84	-	37.29	55 YZ	<5	<5	<5	<5	6,200
	6/23/2000			11.71		35.42	<200	<2.0	<2.0	<2.0	<2.0	4,200
	Duplicate						<50	<0.50	<0.50	<0.50	<0.50	3,600
	9/15/2000			12.04		35.09	<200	<2.0	<2.0	<2.0	<2.0	1,200
	Duplicate						<500	<5.0	<5.0	<5.0	<5.0	1,200
	12/7/2000			11.84		35.29	<200	<2.0	<2.0	<2.0	<2.0	1,000
	3/29/2001			11.57	-	35.56	<50	<0.50	<0.50	<0.50	<0.50	1,900
	5/14/2001			11.77[2]		35.36	<250	<2.5	<2.5	<2.5	<2.5	1,200
	7/5/2001	48.19[3]		11.92		36.27	<100	<1.0	<1.0	<1.0	<1.0	560
BC-4	4/15/1991	45.18	20.6	11.41	-	33.77	31,000	2,300	2,300	1,000	5,600	NA
	5/27/1992			10.44	-	34.74	15,000	710	230	700	2,600	NA
	2/16/1994			9.52	-	35.66	21,000	840	45	1,300	3,100	NA
	6/9/1995			10.21	-	34.97	11,000	200	42	750	660	NA
	8/10/1995			10.47	-	34.71	11,000	190	<50	710	760	NA
	12/5/1995			10.35	-	34.83	5,700	84	7.0	420	440	NA
	2/15/1996			9.12	-	36.06	7,700	140	2.7	690	960	NA
	5/13/1996			9.99	-	35.19	3,600	40	1.1	210	170	NA
	8/8/1996			10.31	-	34.87	2,700	27	<3	150	92	<200
	3/31/1997			10.15	-	35.03	4,000	17	<1	200	93	93
	6/18/1997			10.47	-	34.71	1,200	7.2	<0.5	81	30	1,400
	9/30/1997			10.45	-	34.73	7,000	42	14	370	87	400
	12/30/1997			9.55	-	35.63	3,700	7.6	<1	180	67	<60

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples Collected at Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L) TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
	Duplicate						3,500	6.2	5.0	170	63	<60
	3/16/1998			8.72	-	36.46	5,700	49	<10	410	210	510
	Duplicate						6,400	53	<10	370	200	<50
	6/9/1998			9.34	-	35.84	5,700	24	8.2	290	79	<100
	Duplicate						4,900	42	11.0	290	84	<50
	9/28/1998			10.63	-	34.55	3,900	<25	<25	230	<25	260
	12/31/1998			10.33	-	34.85	1,400	<10	<10	30	<10	210
	3/30/1999			9.21	-	35.97	8,500	33.4	<10	467	173	<100
	6/22/1999			9.83	-	35.35	8,300	50	9.7	400	92	230
	10/7/1999			10.58		34.60	4,200	54	66	170	126	1,100
	12/30/1999			10.33	-	34.85	7,500	<1	9.9C	180	23.5C	1,100
	3/8/2000			6.97	-	38.21	10,000	7.4 C	10	520	86	46
	6/26/2000			9.67		35.51	9,600	2.8	<2.0	210	10	740
	9/14/2000			10.64		34.54	4,800	<2.0	<2.0	160	3.8	970
	12/7/2000			10.22		34.96	2,900	<5.0	<5.0	64	<5.0	2,200
	3/29/2001			9.09	-	36.09	5,300	1.3	<0.50	140	7.6	760
	5/15/2001			10.30		34.88	3,100	<5.0	<5.0	43	<5.0	2,400
	7/9/2001			10.56		34.62	2,300	<5.0	<5.0	43	<5.0	2,700
BC-5	5/27/1992	45.75	23.4	11.04	-	34.71	390	<0.5	<0.5	18	32	NA
	2/16/1994			10.10	-	35.65	2,000	36	5.1	100	460	NA
	6/9/1995			10.86	-	34.89	640	1.6	2.2	41	63	NA
	8/10/1995			11.93	-	33.82	190	<0.5	<0.5	11	8.1	NA
	12/5/1995			11.25	-	34.50	61	<0.5	0.67	5.2	3.6	NA
	2/15/1996			9.67	-	36.08	1,000	1.1	<0.5	27	7.7	NA
	5/13/1996			10.61	-	35.14	460	<0.5	<0.5	11	1.7	NA
	8/8/1996			11.00	-	34.75	130	<0.5	<0.5	2.8	<0.5	>700[d]
	3/31/1997			10.78	-	34.97	<50	<0.5	<0.5	<0.5	<0.5	1,100
	6/18/1997			11.17	-	34.58	67	<0.5	<0.5	<0.5	<0.5	1,300
	9/30/1997			11.28	-	34.47	<50	<0.5	<0.5	<0.5	<0.5	1,500
	12/30/1997			10.65	-	35.10	<50	<0.5	<0.5	<0.5	<0.5	2,600
	3/16/1998			9.90	-	35.85	<50	<0.50	<0.50	<0.50	<0.50	690
				[illegible]	-	35.54	<500	<5	<5	<5	<5	1,100
											[illegible]	7,400

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples Collected at Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPH-g[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
	12/31/1998			11.00	-	34.75	<50	<0.50	<0.50	<0.50	<0.50	3,300
	3/30/1999			9.85	-	35.90	<50	<0.50	<0.50	<0.50	<0.50	1,890
	6/22/1999			10.62	-	35.13	<50	<0.50	<0.50	<0.50	<0.50	3,800
	7/10/1999			11.28	-	34.47	<50	<13	<13	<13	<13	2,800
	12/30/1999			10.98	-	34.77	69	<2.5	<2.5	<2.5	<2.5	2,300
	3/8/2000			8.03	-	37.72	<50	<1	<1	<1	<1	1,200
	Duplicate						<50	<1	<1	<1	<1	1,200
	6/23/2000			10.84		34.91	<200	<2.0	<2.0	<2.0	<2.0	2,500
	9/14/2000			11.33		34.42	<500	<5.0	<5.0	<5.0	<5.0	1,900
	12/8/2000			10.88		34.87	<200	<2.0	<2.0	<2.0	<2.0	1,600
	Duplicate						<200	<2.0	<2.0	<2.0	<2.0	1,600
	3/29/2001			10.66	-	35.09	<50	<0.50	<0.50	<0.50	<0.50	1,500
	5/14/2001			10.91		34.84	<200	<2.0	<2.0	<2.0	<2.0	890
	7/5/2001			11.13		34.62	<50	<0.50	0.68	<0.50	<2.5	700
BC-6	5/27/1992	45.30	26.6	11.77	-	33.53	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/16/1994			9.60	-	35.70	<100	<0.3	<0.3	<0.3	1.1	NA
	6/9/1995			11.09	-	34.21	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/10/1995			10.33	-	34.97	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/5/1995			11.41	-	33.89	<50	<0.5	1.1	<0.5	<0.5	NA
	2/15/1996			9.58	-	35.72	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/13/1996			10.73	-	34.57	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/8/1996			11.08	-	34.22	140	<0.5	<0.5	<0.5	<0.5	<30
	3/31/1997			10.93	-	34.37	<50	<0.5	<0.5	<0.5	<0.5	61
	6/18/1997			11.57	-	33.73	<50	<0.5	<0.5	<0.5	<0.5	<30
	9/30/1997			11.40	-	33.90	<50	<0.5	<0.5	<0.5	<0.5	<30
	12/30/1997			10.40	-	34.90	<50	<0.5	<0.5	<0.5	0.60	<30
	3/16/1998			9.68	-	35.62	<50	<0.50	<0.50	<0.50	<0.50	3.9
	6/9/1998			9.74	-	35.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	9/28/1998			11.18	-	34.12	<50	<0.50	<0.50	<0.50	<0.50	11
	12/31/1998			11.03	-	34.27	<50	<0.50	<0.50	<0.50	<0.50	2.9
	Duplicate						<50	<0.50	<0.50	<0.50	<0.50	4.4
	3/30/1999			9.41	-	35.89	<50	<0.50	<0.50	<0.50	<0.50	<5
	6/22/1999			10.82	-	34.48	<50	<0.50	<0.50	<0.50	<0.50	14

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples Collected at Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L) TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
	Duplicate						<50	<0.50	<0.50	<0.50	<0.50	3.7
	10/7/1999			11.20	-	34.10	<50	<0.5	<0.5	<0.5	<0.5	<2
	12/30/1999			10.78	-	34.52	<50	<0.5	<0.5	<0.5	<0.5	3.7C
	Duplicate						<50	<0.5	<0.5	<0.5	<0.5	2.9
	3/8/2000			6.30	-	39.00	70 YZ	<0.5	12	<0.5	0.87	<2
	6/26/2000			9.97		35.33	<50	<0.50	<0.50	<0.50	<0.50	4.1
	9/14/2000			11.36		33.94	<50	<0.50	<0.50	<0.50	<0.50	4.0
	12/7/2000			10.50		34.80	<50	<0.50	<0.50	<0.50	1.6	<5.0
	3/29/2001			10.57	-	34.73	<50	<0.50	<0.50	<0.50	<0.50	2.7
	5/14/2001			11.03		34.27	<50	<0.50	<0.50	<0.50	<0.50	4.2
	Duplicate						<50	<0.50	<0.50	<0.50	<0.50	4.0
	7/6/2001			11.26		34.04	<50	<0.50	<0.50	<0.50	<0.50	2.9
BC-7	6/9/1995	45.07	16.0	10.75	-	34.32	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/10/1995			10.59	-	34.48	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/5/1995			11.47	-	33.60	<50	<0.5	<0.5	<0.5	<0.5	NA
	2/15/1996			9.10	-	35.97	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/13/1996			10.33	-	34.74	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/8/1996			10.98	-	34.09	<50	<0.5	<0.5	<0.5	<0.5	<30
	3/31/1997			10.70	-	34.37	<50	<0.5	<0.5	<0.5	<0.5	<30
	6/18/1997			11.10	-	33.97	<50	<0.5	<0.5	<0.5	<0.5	<30
	9/30/1997			11.72	-	33.35	<50	<0.5	<0.5	<0.5	<0.5	<30
	12/30/1997			10.62	-	34.45	<50	<0.5	<0.5	<0.5	<0.5	<30
	3/16/1998			9.70	-	35.37	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	6/9/1998			9.97	-	35.10	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	9/28/1998			11.10	-	33.97	<50	0.70	<0.50	<0.50	<0.50	16
	12/31/1998			10.89	-	34.18	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	3/30/1999			9.34	-	35.73	<50	<0.50	<0.50	<0.50	<0.50	<5
	6/22/1999			10.81	-	34.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	10/7/1999			11.45	-	33.62	<50	<0.5	<0.5	<0.5	<0.5	<2
	Duplicate						<50	<0.5	<0.5	<0.5	<0.5	<2
	12/30/1999			10.96	-	34.11	<50	<0.5	<0.5	<0.5	<0.5	<2
	3/8/2000			6.92	-	38.15	<50	<0.5	<0.5	<0.5	<0.5	13
	6/23/2000			10.89		34.18	<50	<0.50	<0.50	<0.50	<0.50	2.6

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Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
	9/14/2000			11.65		33.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/8/2000			10.97		34.10	<50	<0.50	<0.50	<0.50	<0.50	27
	3/30/2001			10.51	-	34.56	<50	<0.50	<0.50	<0.50	<0.50	0.88
	5/15/2001			10.77		34.30	<50	<0.50	<0.50	<0.50	<0.50	1.70
	7/9/2001			11.15		33.92	<50	<0.50	0.65	<0.50	<0.50	6.7
	Duplicate						<50	<0.50	0.68	<0.50	<0.50	6.2
BC-8	6/9/1995	43.99	19.2	9.97	-	34.02	74	<0.5	3.2	<0.5	<0.5	NA
	8/10/1995			10.54	-	33.45	<50	<0.5	1.2	<0.5	<0.5	NA
	12/5/1995			10.75	-	33.24	<50	<0.5	0.64	<0.5	<0.5	NA
	2/15/1996			8.86	-	35.13	59	<0.5	<0.5	<0.5	<0.5	NA
	5/13/1996			9.55	-	34.44	<50	<0.5	<0.5	<0.5	<0.5	NA
	8/8/1996			10.15	-	33.84	<50	<0.5	<0.5	<0.5	<0.5	<30
	3/31/1997			9.82	-	34.17	<50	<0.5	<0.5	<0.5	<0.5	<30
	6/18/1997			10.29	-	33.70	<50	<0.5	<0.5	<0.5	<0.5	130
	9/30/1997			10.82	-	33.17	<50	<0.5	<0.5	<0.5	<0.5	84
	12/30/1997			9.60	-	34.39	<50	<0.5	<0.5	<0.5	<0.5	30
	3/16/1998			9.66	-	34.33	<50	<0.50	<0.50	<0.50	<0.50	2.9
	6/9/1998			9.98	-	34.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	9/28/1998			10.20	-	33.79	<50	<0.50	<0.50	<0.50	<0.50	71
	12/31/1998			9.87	-	34.12	<50	<0.50	<0.50	<0.50	<0.50	45
	3/30/1999			8.35	-	35.64	<50	<0.50	<0.50	<0.50	<0.50	5.15
	6/22/1999			9.71	-	34.28	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	10/7/1999			10.52	-	33.47	<50	<0.5	<0.5	<0.5	<0.5	65
	12/30/1999			10.05	-	33.94	<50	<0.5	<0.5	<0.5	<0.5	61
	3/8/2000			5.30	-	38.69	<50	<0.5	<0.5	<0.5	<0.5	<2
	6/23/2000			9.82		34.17	<50	<0.50	<0.50	<0.50	<0.50	4.2
	9/14/2000			10.61		33.38	<50	<0.50	<0.50	<0.50	<0.50	43
	12/8/2000			9.98		34.01	<50	<0.50	<0.50	<0.50	<0.50	110
	3/30/2001			9.59	-	34.40	<50	<0.50	<0.50	<0.50	<0.50	9.5
	5/15/2001			9.91		34.08	<50	<0.50	<0.50	<0.50	<0.50	86
	7/6/2001			10.32		33.67	<50	<0.50	<0.50	<0.50	<0.50	150

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples Collected at Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPH-g[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
BC-9	6/9/1995	42.84	18.8	9.35	-	33.49	1,100	<0.5	22	3.1	2.2	NA
	8/10/1995			9.78	-	33.06	280	<0.5	<0.5	1.0	1.4	NA
	12/5/1995			10.25	-	32.59	55	<0.5	<0.5	<0.5	<0.5	NA
	2/15/1996			7.88	-	34.96	570	<0.5	<0.5	1.4	5.9	NA
	5/13/1996			9.00	-	33.84	150	<0.5	<0.5	<0.5	<0.5	NA
	8/8/1996			9.66	-	33.18	57	<0.5	<0.5	<0.5	<0.5	<30
	3/31/1997			9.30	-	33.54	440	0.69	2.1	0.56	2.5	<30
	6/18/1997			9.79	-	33.05	580	<0.5	<0.5	<0.5	<0.5	<30
	9/30/1997			10.60	-	32.24	73	<0.5	<0.5	<0.5	<0.5	<30
	12/30/1997			9.13	-	33.71	370	<0.5	<0.5	<0.5	<0.5	<30
	3/16/1998			8.29	-	34.55	220	6.8	0.82	<0.50	1.6	2.7
	6/9/1998			8.57	-	34.27	250	3.1	0.60	<0.50	1.2	6.6
	9/28/1998			9.82	-	33.02	160	2.3	<0.50	0.58	1.1	28
	12/31/1998			9.50	-	33.34	170	1.3	0.73	<0.50	1.2	14
	3/30/1999			7.95	-	34.89	215	<0.50	<0.50	<0.50	<0.50	9.57
	6/22/1999			9.23	-	33.61	260	0.97	<0.50	<0.50	1.2	4.6
	10/7/1999			10.02	-	32.82	280	<0.5	0.74C	<0.5	<0.5	17
	12/30/1999			9.49	-	33.35	210	<0.5	<0.5	0.64	<0.5	28
	3/8/2000			5.55	-	37.29	190 Y	<0.5	2.1 C	<0.5	<0.5	2.9
	6/23/2000			9.46		33.38	100	<0.50	<0.50	<0.50	<0.50	14
	9/14/2000			10.11		32.73	510	<0.50	<0.50	<0.50	<0.50	13
	12/8/2000			9.55		33.29	140	<0.50	<0.50	<0.50	<0.50	58
	3/30/2001			8.96	-	33.88	520	<0.50	<0.50	<0.50	<0.50	6.6
	5/15/2001			9.31		33.53	74	<0.50	<0.50	<0.50	<0.50	49
	7/9/2001			9.73		33.11	76	<0.50	0.54	<0.50	<0.50	64
BC-10S	6/8/2001	45.61	17.9	10.65	-	34.96	<50	<0.50	<0.50	<0.50	<0.50	67
	7/6/2001			11.40		34.21	<50	<0.50	<0.50	<0.50	<0.50	130

Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for Groundwater Samples Collected at Crystal Car Wash Facility, 3080 Jefferson Street, Napa, California

Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L) TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
BC-10D	6/8/2001	45.61	23.7	11.30	-	34.31	<50	<0.50	<0.50	<0.50	<0.50	6.3
	7/6/2001			11.88		33.73	<50	<0.50	<0.50	<0.50	<0.50	5.0
BC-11S	6/8/2001	47.04	21.4	11.27	35.77 -	35.77	<50	<0.50	<0.50	<0.50	<0.50	210
	7/5/2001			11.32		35.72	<50	<0.50	<0.50	<0.50	<0.50	170
BC-11D	6/8/2001	47.04	22.7	11.24	34.87 -	35.80	<50	<0.50	<0.50	<0.50	<0.50	200
	7/5/2001			12.17		34.87	<50	<0.50	<0.50	<0.50	<0.50	150
BC-12S	6/8/2001	46.05	18.2	12.32	-	33.73	<50	<0.50	<0.50	0.83	4.6	13
	7/6/2001			11.11		34.94	<50	<0.50	<0.50	<0.50	<0.50	13
BC-12D	6/8/2001	46.05	24.3	11.24	-	34.81	<50	<0.50	<0.50	<0.50	3.1	53
	7/6/2001			11.21		34.84	<50	<0.50	<0.50	<0.50	<0.50	68
BC-13S	6/8/2001	48.66	18.6	12.32	-	36.34	<5000	<50	<50	<50	<50	870
	7/6/2001			13.46		35.20	<200	<2.0	<2.0	<2.0	<2.0	870
BC-13D	6/8/2001	48.66	24.4	12.39	-	36.27	<200	<2.0	<2.0	<2.0	<2.0	480
	7/5/001			12.37		36.29	<50	<0.50	1.0	<0.50	<0.50	350
BC-14S	6/8/2001	48.14	22.0	11.85	-	36.29	<50	<0.50	0.54	<0.50	<0.50	5,800
	7/5/2001			12.00	32.14	36.14	<500	<5.0	<5.0	<5.0	<5.0	7,800
BC-14D	6/8/2001	48.14	26.5	12.77	-	35.37	<500	<50	<50	<50	<50	3,400
	7/6/2001			15.54	32.6	32.60	<500	<5.0	5.0	<5.0	<5.0	2,900
BC-15S	6/8/2001	46.73	17.3	10.93	-	35.80	<250	<2.5	<2.5	<2.5	<2.5	1,300
	7/9/2001			11.27	35.46	35.46	<500	<5.0	5.0	<5.0	<5.0	4,400
BC-15D	6/8/2001	46.73	20.7	10.93	-	35.80	<100	<1.0	<1.0	<1.0	<1.0	430
	Duplicate						<100	<1.0	<1.0	<1.0	<1.0	370
	7/9/2001			11.10	35.63	35.63	<50	<0.50	0.51	<0.50	<0.50	300

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Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L) TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
EW-1	5/27/1992	45.09	23.0	10.45	-	34.64	1,100	52	6	62	270	NA
	2/16/1994			9.48	-	35.61	1,600	25	<0.3	76	170	NA
	6/9/1995			10.20	-	34.89	590	14	0.86	59	99	NA
	8/10/1995			10.48	-	34.61	300	5.9	<0.5	39	50	NA
	12/5/1995			10.36	-	34.73	340	3.7	<0.5	26	32	NA
	2/15/1996			9.01	-	36.08	1,300	6.7	<0.5	76	110	NA
	5/13/1996			9.96	-	35.13	460	3.3	<0.5	35	43	NA
	8/8/1996			10.28	-	34.81	170	1.4	<0.5	15	13	100
	3/31/1997			10.15	-	34.94	120	<0.5	<0.5	8.7	6.0	260
	Duplicate						78	<0.5	<0.5	7.6	4.2	250
	6/18/1997			10.47	-	34.62	690	<0.5	15	16	6.0	200
	9/30/1997			10.40	-	34.69	81	<0.5	<0.5	2.9	1.1	600
	Duplicate						110	<0.5	<0.5	3.3	1.3	560
	12/30/1997			9.47	-	35.62	350	<0.5	<0.5	6.3	3.0	31
	3/16/1998			8.77	-	36.32	190	1.8	<1.0	4.5	1.4	15
	6/9/1998			9.37	-	35.72	120	<0.50	<0.50	1.4	0.6	28
	9/28/1998			10.42	-	34.67	<100	1.1	<1	<1	<1	310
	Duplicate						64	1.2	<0.50	0.78	<0.50	340
	12/31/1998			10.29	-	34.80	266	<0.5	<0.5	2.92	0.732	69.6
	3/30/1999			9.14	-	35.95	290	0.57	<0.50	4.8	1.6	150
	6/22/1999			9.80	-	35.29	71	27	47	31	98	940
	10/7/1999			10.58	-	34.51	230	<0.5	<0.5	2.5	<0.5	830
	12/30/1999			10.32	-	34.77	62 YZ	<0.5	1.8 C	<0.5	<0.5	150
	3/8/2000			6.92	-	38.17	<50	<0.50	<0.50	<0.50	<0.50	580
	6/26/2000			9.67	-	35.42	370	<0.50	<0.50	<0.50	<0.50	72
	9/15/2000			10.63	-	34.46	<100	<1.0	<1.0	<1.0	<1.0	920
	12/7/2000			10.23	-	34.86	<50	<0.50	<0.50	<0.50	<0.50	200
	3/29/2001			9.98	-	35.11	<200	<2.0	<2.0	<2.0	<2.0	820
	5/15/2001			10.26	-	34.83	<50	<0.50	<0.50	<0.50	<0.50	1,500
	7/9/2001			10.55	-	34.54						

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Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
PVT-1032-D	10/21/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2
	12/30/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2
	3/8/2000	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2
	6/23/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/15/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/7/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/30/2001	-	140	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	1.2
	5/14/2001	-	140	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	6/8/2001	-	140	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	7/9/2001	-	140	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
PVT-1032-S	10/21/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2
	12/30/1999	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2
	3/8/2000	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2
	6/23/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/15/2000	-	-	-	-	-	Not Sampled					
	12/7/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	3/30/2001	-	126	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	1.2
	5/14/2001	-	126	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	6/8/2001	-	126	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	7/9/2001	-	126	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
PVT-3080	6/23/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/14/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	12/8/2000	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/29/2001	-	140	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/15/2001	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	7/6/2001	-	140	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50

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Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
QA/QC												
Field Blank	2/16/1994						<100	<0.3	<0.3	<0.3	<0.6	NA
Trip Blank	6/9/1995						<50	<0.5	<0.5	<0.5	<0.5	NA
Trip Blank	12/5/1995						<50	<0.5	<0.5	<0.5	<0.5	NA
Trip Blank	2/15/1996						<50	<0.5	<0.5	<0.5	<0.5	NA
Trip Blank	5/13/1996						<50	<0.5	<0.5	<0.5	<0.5	NA
Trip Blank	8/8/1996						<50	<0.5	<0.5	<0.5	<0.5	<30
Trip Blank	3/31/1997						<50	<0.5	<0.5	<0.5	<0.5	<30
Field Blank	3/31/1997						<50	<0.5	<0.5	<0.5	<0.5	<30
Trip Blank	6/18/1997						<50	<0.5	<0.5	<0.5	<0.5	<30
Field Blank	9/30/1997						<50	<0.5	<0.5	<0.5	<0.5	<30
Trip Blank	9/30/1997						<50	<0.5	<0.5	<0.5	<0.5	<30
Field Blank	12/30/1997						<50	<0.5	<0.5	<0.5	<0.5	<30
Trip Blank	12/30/1997						<50	<0.5	<0.5	<0.5	<0.5	<30
Field Blank	3/16/1998						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Trip Blank	3/16/1998						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Field Blank	6/9/1998						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Trip Blank	6/9/1998						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Field Blank	9/28/1998						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Trip Blank	9/28/1998						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Field Blank	12/31/1998						<50	<0.50	<0.50	<0.50	0.79	<2.5
Trip Blank	12/31/1998						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Trip Blank	3/30/1999						<50	<0.50	<0.50	<0.50	<0.50	<5
Field Blank	6/22/1999						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Trip Blank	6/22/1999						<50	<0.50	<0.50	<0.50	<0.50	<2.5
Field Blank	10/7/1999						<50	<0.5	0.98	<0.5	<0.5	<2
Trip Blank	10/7/1999						<50	<0.5	1.1	<0.5	<0.5	<2
Field Blank	12/30/1999						<50	<0.5	<0.5	<0.5	<0.5	<2
Trip Blank	12/30/1999						<50	<0.5	<0.5	<0.5	<0.5	<2
Field Blank	3/8/2000						<50	<0.5	<0.5	<0.5	<0.5	<2
Trip Blank	3/8/2000						<50	<0.5	<0.5	<0.5	<0.5	<2
Field Blank	6/23/2000						<50	<0.50	<0.50	<0.50	<0.50	<0.50
Trip Blank	6/26/2000						<50	<0.50	<0.50	<0.50	<0.50	<0.50
Field Blank	9/14/2000						<50	<0.50	<0.50	<0.50	<0.50	<0.50
Trip Blank	9/11/2000						<50	<0.50	<0.50	<0.50	<0.50	<0.50
							<50	<0.50	<0.50	<0.50	<0.50	<5.0

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Well Identification	Date Sampled	Well Elevation, feet[a]	Well Depth, feet	Depth to Water, feet	Free Product Thickness, feet	Groundwater Elevation, feet[a]	EPA Method 8260B Concentration (µg/L)					
							TPHg[b]	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE[c]
Trip Blank	12/7/2000						<50	<0.50	<0.50	<0.50	<0.50	<5.0
Field Blank	3/30/2001						<50	<0.50	<0.50	<0.50	<0.50	<5.0
Trip Blank	3/28/2001						<50	<0.50	<0.50	<0.50	<0.50	<5.0
Field Blank	5/14/2001						<50	<0.50	<0.50	<0.50	<0.50	<5.0
Trip Blank	5/14/2001						<50	<0.50	<0.50	<0.50	<0.50	<5.0
Field Blank	6/8/2001						<50	<0.50	<0.50	<0.50	<0.50	<5.0
Trip Blank	6/8/2001						<50	<0.50	<0.50	<0.50	<0.50	<5.0
Field Blank	7/9/2001						<50	<0.50	<0.50	<0.50	<0.50	<5.0
Trip Blank	7/5/2001						<50	<0.50	<0.50	<0.50	<0.50	<5.0

[a] Relative to lower mean sea level.

[b] Total petroleum hydrocarbons as gasoline.

[c] Methyl tertiary-butyl ether.

NA = Not analyzed for MtBE until August 1996.

C: Presence of this compound was confirmed by a second column, however, the confirmation concentration differed from the reported result by more than a factor of two.

Y: Sample exhibits fuel pattern which does not resemble standard.

Z: Sample exhibits unknown single peak or peaks.

^ MtBE as reported was run on 6/17/98 on HP-4 at two times multification

[1]MtBE results for BC-2, BC-3, and BC-5 were above the calibration range