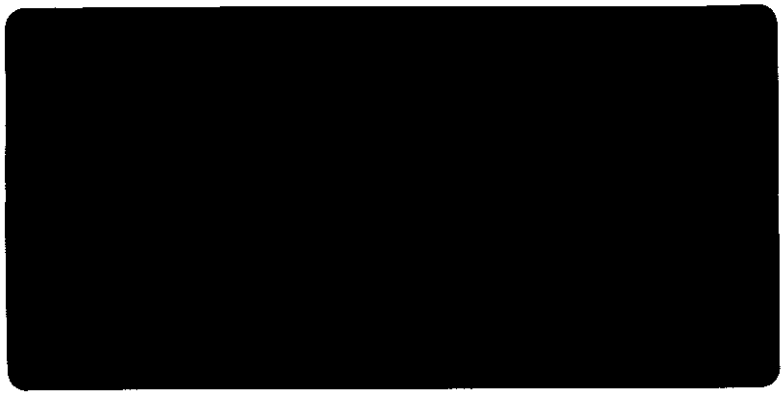

Conor Pacific

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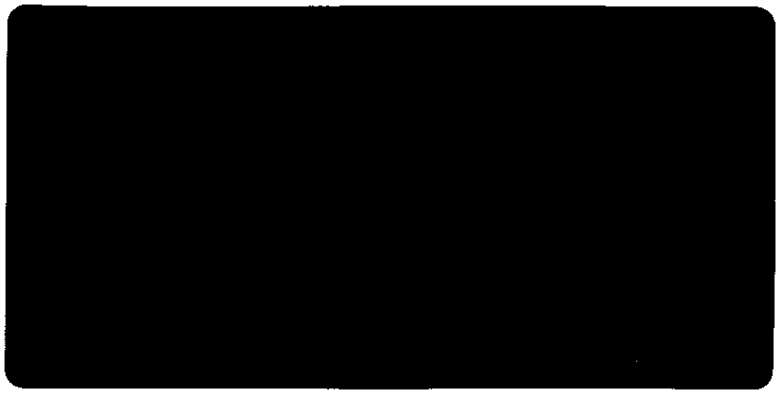
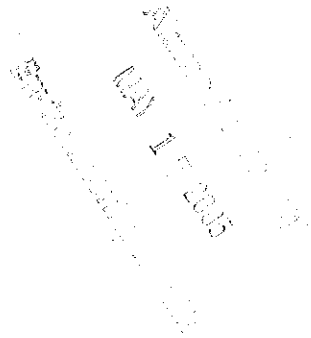


FIRST QUARTER 2005
GROUNDWATER MONITORING RESULTS
B&C Gas Mini Mart
Livermore, California



Prepared by

Conor Pacific
2580 Wyandotte Street, Suite G
Mountain View, California 94043

May 2005

Project BNC 103

Conor Pacific

May 13, 2005
Project No. BNC103

Mr. Balaji Angle
B & C Gas Mini Mart
35584 Connovan Lane
Fremont, CA 94536

Re: First Quarter 2005 Groundwater Monitoring Results, B&C Gas Mini Mart, 2008 First Street, Livermore, California (Station ID 1689)

Dear Mr. Angle:

Conor Pacific has compiled first quarter 2005 groundwater monitoring results for B&C Gas Mini Mart (B&C), 2008 First Street, Livermore, California (Figure 1). This report includes groundwater elevation data, groundwater sampling methods, and results of groundwater chemical analyses.

Nine of the sixteen on-and off-site single-screen monitoring wells, and three to four zones of all four multi-level monitoring wells were scheduled for sampling during this quarter. With the exception of well MW-6 (blocked by obstructed) and well MS MW01 (free-product), all wells scheduled to be sampled were successfully sampled for field monitoring and laboratory analysis.

SITE INFORMATION

Site Name & Contact

Mr. Balaji Angle
B&C Gas Mini Mart
2008 First Street
Livermore, California 94550
(510) 654-3461

Site Description

The B&C property is located on the northeast corner of First and South L Streets in Livermore, California, and currently serves as a gasoline station and mini market called Valley Gas. From at least 1988 until 1994, Desert Petroleum (DP) owned and operated

the site. In January 1994, DP sold the site to the current owner, Mr. Balaji Angle. The following site description has been compiled from reports on file with Alameda County Environmental Health Services (ACEHS) and information provided by the site owner.

The site is located in the Livermore Valley groundwater basin, an area of sedimentary deposition containing braided channel systems with complex interfingering. Subsurface investigations conducted to the west of the B&C site have found an upper unconfined water-bearing zone consisting primarily of gravels with sand and clay. A low-permeability clayey unit is found at depths of approximately 75 to 110 feet below ground surface (bgs). Below the clayey unit, the top of a lower, semi-confined aquifer is found at depths ranging from 110 to 145 feet bgs.[1]

Subsurface work conducted in the B&C area has found predominantly sandy clay, silty sand, silty gravel, and sandy gravel. Over the last 15 years, static water levels have ranged from a low of 69 feet bgs (January 1992) to a high of 17 feet bgs (February 1997). The groundwater flow generally ranges from west of north during the summer and fall months, to north of west during the winter and spring months.

Previous Work Performed at Site

A preliminary site assessment was conducted in September 1988. Three soil borings were completed; one of which was converted to a monitoring well (MW-1). In March 1994, a 280-gallon waste oil underground storage tank (UST) and 25 cubic yards of soil were removed as part of closing the auto repair shop at the station. Three months later in June, wells MW-2, MW-3, and MW-4 were installed (Figure 2).[2]

In August 1994, free product was encountered in well MW-2, and product removal commenced twice a month. By the end of January 1995 no measurable thickness of product remained, only sheen could be detected.[3] In March 1995, a release was reported to have occurred from the union between a tank subpump and product line. The quantity of the release is unknown.

One gasoline UST at the B&C site failed an integrity test in September 1995. The tank was immediately taken out of commission and ACEHS was notified. In July 1996, further source removal was conducted. Two more gasoline USTs were removed and new double-walled fiberglass USTs and fiberglass piping with automated leak detection were

---

[1] H$^+$GCL, Inc. Deep Groundwater Conduit Study, Livermore Arcade Shopping Center, First Street and South P Street, Livermore, California. December 6, 1993.

[2] Remediation Service Int'l. Soil & Groundwater Investigation Report for 2008 First Street, Livermore, California. July 22, 1994.

[3] Product thickness information from Remediation Service, Int'l field records, "Free Product Removal Logs."

installed (Figure 2). Other remedial activities included the removal of two hydraulic lifts and approximately 700 cubic yards of impacted soil. Also, one 1,000-gallon UST discovered during excavation activities was closed in place with approval from ACEHS and the Livermore Fire Department by grouting with cement sand slurry. In October 1995, two additional monitoring wells (off-site well MW-5 and well MW-6) were installed for the B&C site (Figure 2).

Nine downgradient wells (MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, D-1, and D-2) were installed during June and July 1999 to define the downgradient and lateral extent of the plume and provide long-term monitoring locations (Figure 2).[4] Two of the wells, D-1 and D-2, are installed in the semi-confined aquifer below the aquitard. The other wells are installed in the upper water-bearing zone.

In July and August 2003, four multi-level wells were installed (CMT-1, CMT-2, CMT-3, and CMT-4). Each was constructed using continuous multi-channel tubing (CMT) and completed with seven sampling ports to monitor groundwater both in the upper water-bearing zone and in the semi-confined aquifer below the aquitard. CMT-4 was installed at the B&C site while CMT-1, CMT-2, and CMT-3 were installed downgradient of the site to better define the lateral extent of the plume in the northwest direction.

Table 1a summarizes the well construction details for all single-screen wells installed on- and off-site, and Table 1b summarizes the well construction details for the four new multi-level wells.

The primary constituents of concern are total petroleum hydrocarbons as gasoline (TPH-G); the aromatic compounds benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX); and methyl tertiary-butyl ether (MTBE). Since 1994, concentrations of TPH-G in groundwater generally have decreased.

Interim Remedial Action at Well MW-5

Floating product first was observed in well MW-5 in October 1998. The well is screened from 15 to 40 feet bgs, and the depth to groundwater has historically ranged from 18 to 33 feet bgs, well within the screened interval of the well. Due to the presence of floating free product in well MW-5, interim remedial actions were taken to remove the floating product from the well. A passive bailer or absorbent sock was selected to remove product from well MW-5 based on well access, the thickness of the product, and the rate at which the product enters the well as it is removed.

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[4] Einarson, Fowler & Watson, November 5, 1999, Report of Downgradient Investigation, B&C Gas Mini Mart, 2008 First Street, Livermore, California.

Over the time monitored, the absorbent socks have removed sufficient product to reduce the free product thickness to sheen or less. During the four sampling events in 2000, free product was not measured in well MW-5 and sampling was conducted. However, free product was observed during the purging of well MW-5 during the March and June 2001 sampling events, and an absorbent sock was reinstalled in the well and groundwater samples were not collected. During the September 2002 sampling event, the absorbent sock was above the groundwater surface (the lowest water levels measured to date were measured during this sampling event); the sock was subsequently lowered to intersect the water table.

Since September 2002, product sheen continues to be observed in the purge water from well MW-5 even though no product thickness can be measured. The absorbent sock continues to be replaced and installed to intersect the water table.

GROUNDWATER SAMPLING AND ANALYSIS

The groundwater monitoring program for single screen and multi-level wells is summarized in Tables 2a and 2b.

Sampling activities are reviewed below. Groundwater sampling methods and results are presented and a discussion of historical analytical trends for site monitoring wells is included.

Free Product

During this sampling event, Conor Pacific checked for free-product in wells (MW-1, MW-2, MW-5 and MS MW01) where product has historically been detected. No measurable free product was observed in these wells during this monitoring event. A thin film (<0.02 feet) of product was observed on the outside of the bailer during purging of well MS MW01. Sheen was also observed during the purging of wells MW-1 and MW-5. Moderate to strong hydrocarbon odor was detected in wells MW-1, MW-2, MW-5 and MW-7. A faint to light hydrocarbon odor was noted in well MW-3 during purging.

Groundwater Elevations

On March 2, 2005, Conor Pacific measured the depth to water in all groundwater monitoring wells. Water levels were measured to the nearest 0.01-foot using a float-activated product probe, according to Conor Pacific's standard measuring protocol,[5] and

[5] Einarson, Fowler & Watson. Third Quarter 1998 Groundwater Monitoring Results, B&C Gas Mini Mart, Livermore, California, Appendix A. September 10, 1998.

were recorded on a water level data sheet (Appendix A). Groundwater elevations are calculated by subtracting depth-to-water measurements from the top of well casing elevations, surveyed to Livermore City datum, mean sea level (MSL).

Tables 3a and 3b summarize the groundwater elevations from the current monitoring event (historical groundwater elevations are included in Appendix C). A groundwater contour map, based on the current water level measurements, is presented on Figure 3. Water levels measured in zone 2 of the multi-level wells were used to complete the equipotential contours on Figure 3. Compared to the previous quarter groundwater level measurements conducted in December 2004, current groundwater elevations are approximately six to nine feet higher in almost all wells. Groundwater flow generally is slightly north of west and the hydraulic gradient is approximately 0.013 foot per foot. The flow direction and gradient are in accordance with previous results.

During this quarter, a vertically downward gradient was observed between well MW-11 in the upper water-bearing zone and well D-1 in the semi-confined aquifer and between well MW-12 and well D-2 in the semi-confined aquifer. Normally, a vertically downward gradient is observed between these well pairs. On occasion, slight upward gradients have been observed in multi-level wells CMT-1 and CMT-2. A vertically upward gradient was observed between zones 3 and 4 in multi-level wells CMT-1 and CMT-2. It is worth noting that zones 3 and 4 are separated in this area by the regional aquitard. In general vertically downward gradients were observed multi-level wells CMT-3 and CMT-4.

Sampling Methods

Conor Pacific sampled eight single-screen monitoring wells from March 2, through March 3, 2005 (MW-1, MW-2, MW-3, MW-4, MW-5, MW-7, MW-13, and D-2); and in all zones in all multi-level monitoring wells from March 15, through March 17, 2005[6].

All single-screen wells sampled during this quarter were purged with a one-use weighted disposable polyethylene bailer. One casing volume was purged from each single-screen well prior to collecting a groundwater sample. Samples were collected from each well using a disposable bailer.

Each zone in the multi-level wells was purged and sampled using inertial lift methods where dedicated ¼-inch diameter tubing was fitted with a check valve. Unless there was insufficient water present, two casing volumes were removed to purge each zone prior to collecting a groundwater sample. Groundwater samples were collected using the inertial lift method.

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[6] All CMT wells were sampled per a verbal request by Donna Drogos, ACEH on March 2, 2005.

Field measurements of temperature, pH, dissolved oxygen, turbidity, and electrical conductivity were taken when sufficient water was present; field measured values were recorded on water sample field data sheets (Appendix A). All samples were properly stored (on ice and in coolers) on the day of sampling. Chain-of-custody documentation accompanied the samples through collection and delivery to the analytical laboratory.

Purge water was contained in 55-gallon drums temporarily stored at the B&C site. After the first quarter 2005 monitoring event was completed, a composite sample was collected from the drummed purge water on March 17, 2005 (PW031705). At the beginning of the 2nd quarter 2005, monitoring event, purge water will be discharged into a sewer clean-out line in accordance with City of Livermore Water Resources Division discharge permit no. 1514G (2004-2005). The current discharge permit was renewed on August 12, 2004; for the period of August 2004 through July 2005. The permit allows the discharge of purge water containing less than 1 milligram per liter (mg/L) of total toxic organics. According to the analytical results from the first quarter 2005, composite purge water sample PW031705 contained a total organic compound concentration of approximately 40 µg/L (0.040 mg/L), well within the current permit conditions.

Analytical Program

Sequoia Analytical of Petaluma, California, a state-certified laboratory, performed all groundwater analyses. Groundwater samples were analyzed for TPH-G by U.S. Environmental Protection Agency (EPA) Method 8015B, and for benzene, toluene, ethylbenzene, and total xylenes (collectively referred to as BTEX compounds) and oxygenate methyl tertiary-butyl ether (MTBE) by EPA Method 8260B.

Laboratory Quality Control

Laboratory analyses occurred within specified holding times. Based on the laboratory QA/QC summaries, all method blanks, laboratory control samples (LCS), matrix spikes (MS), and matrix spike duplicates (MSD) were within laboratory control limits, with the following exceptions.

- The relative percent difference for the LCS sample duplicate for meth-tert-butyl-ether exceeded the control limits; however, both percent recoveries were accepted. Sample results for the QC batch was accepted based on percent recoveries and completeness of the QC data.

- The LCS for benzene was above control limits and the MSD for benzene was below control limits samples in the batch used in samples collected from CMT1-Z7, CMT2-Z1, CMT2-Z2, CMT2-Z3, CMT2-Z4, CMT2-Z5, CMT2-Z6, CMT2-Z7, CMT4-Z2, CMT4-Z3 and CMT4-Z4.

- The TPHg result collected from CMT3-Z1 is elevated due to the presence of a single analyte peak in the quantitation range.

- The concentration of the MS and MSD for meth-tert-butyl-ether in specific BTEX, and TAME batch samples are estimated values above the calibration range of the instrument.

- The sample from MW-2 was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

- The sample aliquot from MW-1 and MW-4 were taken from VOA vials with headspace (air bubble greater than 6mm diameter), which may have resulted in the loss of volatile analytes.

Analytical Results

Analytical results for first quarter 2005 are summarized in Tables 4a and 4b (for the single-screen wells and the multi-level wells, respectively). Benzene and MTBE concentrations are presented on Figure 4, and are used to define the greater than 0.5 µg/L concentration plume outlines shown on the figure for these two compounds. Tables of historical analytical results are included in Appendix C.

Over the last ten years of monitoring at the site, concentrations of benzene have steadily decreased in all single-screen site wells (Appendix C). Analysis for MTBE in site groundwater samples began in June 1995. Since then, concentrations of MTBE have decreased significantly, with the possible exception of well MW-7 where significant fluctuations in MTBE concentrations are common and apparently unrelated to seasonal variations in groundwater elevation. Seasonal changes in hydrocarbon concentrations are evident in other wells, probably a reflection of seasonal water level fluctuations.

During the current sampling event, no hydrocarbons, BTEX or MTBE were detected in upgradient monitoring well MW-4 or in downgradient monitoring well D-2.

Detections in On-Site Wells

Site wells MW-1, MW-2, and MW-5 continue to have the highest hydrocarbon concentrations, and well MW-5 continues to have the highest MTBE concentration (Table 4a). The sample from well MW-3 located approximately cross-gradient and in proximity to the highest on-site hydrocarbon and MTBE concentrations detected, returned significantly lower concentrations. Wells MW-1 and MW-5 contained generally the highest hydrocarbon concentrations of on-site wells. In general, on-site TPH-G, BTEX and MTBE concentrations have decreased during this most recent sampling event.

Detections in Downgradient Wells

Downgradient of the site, TPH-G, BTEX and MTBE were detected in well MW-7, and MTBE was detected in well MW-13 (Tables 4a). The concentrations detected in the sample from well MW-7 were significantly lower than the previous quarter. The historical record of analytical results show fluctuations in the reported concentrations, therefore, the current results likely reflect the seasonal fluctuations previously observed.

Only MTBE was detected in zone 2 of the downgradient multi-level wells CMT-2 and CMt-3. Current MTBE values are the lowest reported to date in these wells. Zone 2 in well CMT-2 contained the lowest MTBE concentration detected in this well. MTBE was not detected for the first time in Zone 2 of well CMT-1. Zone 1 in well CMT-3 contained the second highest MTBE concentration detected in this well. TPHg was detected for the first time in Zone 1 of multi-level well CMT-3.

The down-gradient multi-level wells CMT-1, CMT-2, and CMT-3 help to better define the lateral and vertical extent and direction of the MTBE plume. The MTBE plume appears to be migrating in a direction slightly north of west (approximately N75°W), and not directly toward California Water Supply (CWS) well #8 as was previously thought (CWS well #8 is located approximately N85°W from the site). MTBE continues to be detected at low concentrations in zone 2 of down-gradient multi-level wells CMT-1, CMT-2 and CMT-3. Recent results show MTBE concentrations ranging from 0.50 to 3.5 µg/L in this furthest downgradient area. However, TPH-G, BTEX, and MTBE concentrations are below historical maximum concentrations for the constituents.

SUMMARY

Nine single-screen and all zones in all four multi-level monitoring wells were sampled during the first quarter 2005. Current groundwater monitoring results from the single-screen wells are somewhat lower than or similar to the previous quarters monitoring results in wells in proximity and immediately downgradient of the original source location. All TPHg, BTEX, and MTBE detections during this sampling event were below historical maximum concentrations for the constituents.

In general, concentrations of BTEX and MTBE have declined throughout the last eight years and show shrinking or stable plume conditions. Declining concentrations appear to be due to natural attenuation based on BTEX and MTBE plume indicators of natural attenuation.

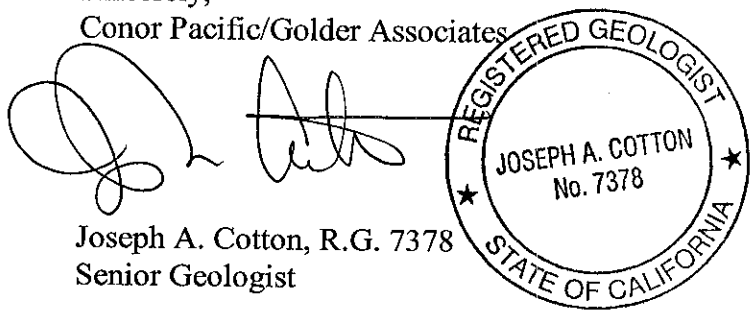
With the exception of multi-level well CMT-4, hydrocarbon concentrations at the source area also appear to declining. However, fluctuations in hydrocarbon concentrations (below historical maximums), are observed on occasion at and near the source area.

Additional investigation is needed to: (1) determine the downgradient extent of the source zone; (2) to evaluate whether a threat to human health or the environment exists in this area and to evaluate the potential risk associated with indoor inhalation; and (3) evaluate potential options for source zone remedial action.

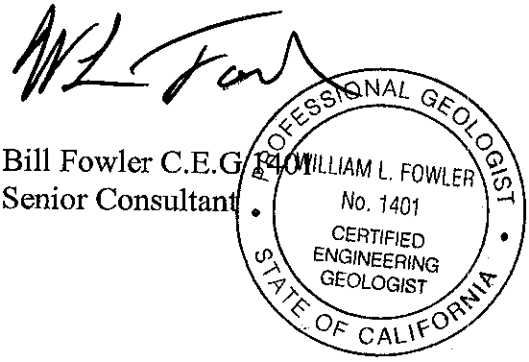
Second quarter 2005 groundwater monitoring currently is scheduled for June 14, 2005.

If you have any questions regarding this report, please call us at (650) 386-3828.

Sincerely,
Conor Pacific/Golder Associates



Joseph A. Cotton, R.G. 7378
Senior Geologist



Bill Fowler C.E.G. 1401
Senior Consultant

cc:
Donna Drogos, Alameda County Environmental Health Services
Colleen Winey, Alameda Co. Flood Control and Water Cons. District Zone 7
Regional Water Quality Control Board, San Francisco Bay Region LUFT
State Water Resources Control Board, UST Fund

Attachments:

Tables

Table 1a - Single-Screen Monitoring Well Construction Details
Table 1b - Multi-Level Monitoring Well Construction Details
Table 2a - Groundwater Monitoring Program for Single-Screen Wells
Table 2b - Groundwater Monitoring Program for Multi-Level Wells
Table 3a - Groundwater Elevations in Single-Screen Wells – First Quarter 2005
Table 3b - Groundwater Elevations in Multi-Level Wells – First Quarter 2005
Table 4a - Groundwater Analytical Results in Single-Screen Wells –First Quarter 2005
Table 4b - Groundwater Analytical Results in Multi-Level Wells – First Quarter 2005

Figures

Figure 1 - Site Location
Figure 2 - Site Plan
Figure 3 - Well Locations and Groundwater Contours (March 2005)
Figure 4 - Groundwater Chemistry (March 2005)

Appendices

Appendix A - Water Sample Field Data Sheets
Appendix B - Laboratory Certified Analytical Report
Appendix C - Historical Groundwater Elevations and Analytical Results

LIMITATIONS

Conor Pacific's services on this project were performed in accordance with current generally accepted environmental consulting principles and practices. This warranty is in lieu of all others, be it expressed or implied. Environmental conditions may exist at the site that could not be observed. Where the scope of services was limited to observations made during site reconnaissance, interviews, and/or review of readily available reports and literature, our conclusions and recommendations are necessarily based largely on information supplied by others, the accuracy and sufficiency of which may not have been independently reviewed by us. Our professional analyses are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions between such sampling points. Additional data from future work or changing conditions may lead to modifications to our professional opinions and recommendations. Any reliance on this report, or portions thereof, by a third party shall be at such party's sole risk.

Conor Pacific

EFW

Transmittal

To: Mr. Balaji S. Angle
B&C Gas Mini Mart
35584 Connovan Lane
Fremont, CA 94536

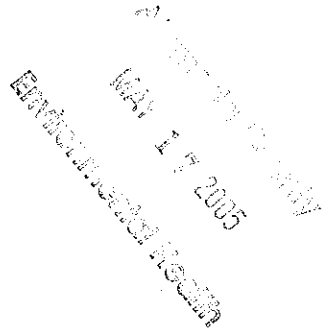
From: Joseph A. Cotton

Date: May 13, 2005

Proj. No.: BNC103

Copies	Description	Sent by:
2	First Quarter 2005 Groundwater Monitoring Results, B&C Gas Mini Mart, 2008 First Street, Livermore, California (Station ID 1689)	☒ *Regular Mail* ☐ *FedEx* ☐ *Courier* ☐ *Other*

Comments:



cc:

Copies	Name & Address	Sent by:
1	Donna Drogos, Alameda County Environmental Health Services (FedEx)	☒ *Regular Mail*
1	Colleen Winey, Alameda County Flood Control, District Zone 7	☒ *FedEx*
1	RWQCB, San Francisco Bay Region LUFT	☐ *Courier*
(1)	SWRCB, UST Fund (sent to Mr. Angle for submittal to UST Fund)	☐ *Other*

Table 1a
Single-Screen Monitoring Well Construction Details
B&C Gas Mini Mart
Livermore, California

Well No.	Drilling Method	Date Installed	T.D. Boring (ft.-bgs)	T.D. Well (ft.-bgs)	Borehole Diameter (inches)	Casing Material (PVC)	Casing Diameter (inches)	Screen Size (inches)	Sand Pack Material	Screened Interval (ft.-bgs)	Sand Pack Interval (ft.-bgs)
MW-1	HSA	Sep-88	77	77	8	PVC	2	0.020	#3 sand	27 - 77	25 - 77
MW-2	HSA	Jun-94	60	60	10	PVC	4	0.020	#2/20 sand	30 - 60	27 - 60
MW-3	HSA	Jun-94	60	60	10	PVC	4	0.020	#2/20 sand	30 - 60	27 - 60
MW-4	HSA	Jun-94	60	60	10	PVC	4	0.020	#2/20 sand	30 - 60	27 - 60
MW-5	HSA	Oct-95	42	40	10	PVC	4	0.020	#2 sand	15 - 40	12 - 40
MW-6	HSA	Oct-95	42	40	10	PVC	4	0.020	#2 sand	15 - 40	12 - 40
MW-7	HSA	Jun-99	62	49	8	PVC	2	0.020	#3 sand	29-49	27-51
MW-8	HSA	Jun-99	62	54	8	PVC	2	0.020	#3 sand	34-54	32-54
MW-9	HSA	Jun-99	45	45	8	PVC	2	0.020	#3 sand	25-45	23-45
MW-10	HSA	Jun-99	55	53.5	8	PVC	2	0.020	#3 sand	33.5-53.5	23-55
MW-11	HSA	Jun-99	50	49	8	PVC	2	0.020	#3 sand	29-49	27-49
MW-12	HSA	Jun-99	45	43.5	8	PVC	2	0.020	#3 sand	23.5-43.5	21-45
MW-13	HSA	Jul-99	55	55	8	PVC	2	0.020	#3 sand	35-55	32-55
D-1	HSA	Jun-99	125	125	8	PVC	2	0.020	#3 sand	110-125	104-125
D-2	HSA	Jun-99	115	114	8	PVC	2	0.020	#3 sand	99-114	94-114
(MS)MW-1	HSA	Apr-89	62	60	NA	PVC	2	NA	NA	30-60	NA

Notes:
HAS = Hollow-Stem Auger
T.D. = total depth
ft.-bgs = feet below ground surface
NA = not available
Well construction information for wells MW-2 through MW-6 collected from Remediation Service Int'l boring logs.

Table 1b
Multi-Level Monitoring Well Construction Details
B&C Gas Mini Mart
Livermore, California

Well No.	Zone No.	Drilling Method	Date Installed	T.D. Boring (ft.-bgs)	T.D. CMT (ft.-bgs)	Borehole Diameter (inches)	Casing Material	Casing Diameter (inches)	Sand Pack Material	Port Depth (ft.-bgs)	Sand Pack Interval (ft.-bgs)
CMT-1	Z1	Sonic	7-Aug-03	147	146	6.0	CMT	1.7	#2/12	46	43 - 48.8
	Z2								#2/12	61	59 - 62
	Z3								#2/12	69	66.8 - 70.7
	Z4								#2/12	91	89 - 93.3
	Z5								#2/12	106	104 - 108.4
	Z6								#2/12	123	120.5 - 125.5
	Z7								#2/12	145	142 - 147
CMT-2	Z1	Sonic	11-Aug-03	147	144	6.0	CMT	1.7	#2/12	49	46 - 50.5
	Z2								#2/12	59	57.1 - 60.5
	Z3								#2/12	68	66 - 70
	Z4								#2/12	88	86 - 89.9
	Z5								#2/12	106	104 - 107.5
	Z6								#2/12	125	123 - 126.5
	Z7								#2/12	144	142 - 147
CMT-3	Z1	Sonic	13-Aug-03	187	155	6.0	CMT	1.7	#2/16	44	41 - 46
	Z2								#2/16	55	53 - 58
	Z3								#2/16	65	61.5 - 67.5
	Z4								#2/16	88	86 - 90
	Z5								#2/16	108	104.5 - 110
	Z6								#2/16	132	128.5 - 134
	Z7								#2/16	155	152.5 - 157
CMT-4	Z1	Sonic	14-Aug-03	137	136	6.0	CMT	1.7	#2/16	26	24 - 28.5
	Z2								#2/16	38	35.5 - 40
	Z3								#2/16	52	48.6 - 55
	Z4								#2/16	62	60 - 65
	Z5								#2/16	72	69.6 - 73.5
	Z6								#2/16	107	104 - 110
	Z7								#2/16	136	132.5 - 137

Notes:
T.D. = total depth
ft.-bgs = feet below ground surface
CMT = continuous multi-channel tubing (7 discrete internal channels in a "honeycomb" pattern within the larger tubing)

Table 2a
Groundwater Monitoring Program for Single-Screen Wells
B&C Gas Mini Mart
Livermore, California

Well Number	Sampling Frequency			Comments
	Quarterly	Annual	Inactive	
MW-1	Q			Destruction Proposed
MW-2	Q	MNA		
MW-3	Q			
MW-4	Q	MNA		
MW-5	Q			
MW-6	Q			Obstructed at 28.6 feet below TOC
MW-7	Q			
MW-8		A		
MW-9		A		
MW-10		A		
MW-11			I	
MW-12		A		
MW-13	Q	MNA		
D-1			I	
D-2	Q			
(MS)MW-1		A		
8K2		A		

Notes:
Q - Quarterly
A - Annual (during fourth quarter)
I - Inactive (no sampling is proposed for wells MW-11 and D-1)
MNA - Monitored natural attenuation
Quarterly (Q) and Annual (A) monitoring parameters: TPHg, BTEX compounds, and MTBE. TAME annually only.
Annual sampling for MNA parameters: DO, ORP, dissolved iron and manganese, Alkalinity series, CO2, Nitrate and Sulfate.

Table 2b
Groundwater Monitoring Program for Multi-Level Wells
B&C Gas Mini Mart
Livermore, California

Well Number	Sampling Frequency			Comments
	Quarterly	Annual	Inactive	
CMT-1 Z1	Q			
CMT-1 Z2	Q			
CMT-1 Z3		A		
CMT-1 Z4			I	All compounds non-detect
CMT-1 Z5			I	All compounds non-detect
CMT-1 Z6			I	All compounds non-detect
CMT-1 Z7			I	All compounds non-detect
CMT-2 Z1		A		
CMT-2 Z2	Q	MNA		
CMT-2 Z3		A		
CMT-2 Z4		A		
CMT-2 Z5			I	All compounds non-detect
CMT-2 Z6			I	All compounds non-detect
CMT-2 Z7			I	All compounds non-detect
CMT-3 Z1		A		
CMT-3 Z2	Q			
CMT-3 Z3		A		
CMT-3 Z4			I	All compounds non-detect
CMT-3 Z5			I	All compounds non-detect
CMT-3 Z6			I	All compounds non-detect
CMT-3 Z7			I	All compounds non-detect
CMT-4 Z1		A		
CMT-4 Z2		A		
CMT-4 Z3		A		
CMT-4 Z4		A		
CMT-4 Z5		A		
CMT-4 Z6			I	All compounds non-detect
CMT-4 Z7			I	All compounds non-detect

Notes:
Q - Quarterly
A - Annual (during fourth quarter)
I - Inactive (no sampling is proposed for these zones)
MNA - Monitored natural attenuation
Quarterly (Q) and Annual (A) monitoring parameters: TPHg, BTEX compounds, and MTBE. TAME annually only.
Annual sampling for MNA parameters: DO, ORP, dissolved iron and manganese, Alkalinity series, CO2, Nitrate and Sulfate .

Table 3a
Groundwater Elevations in Single-Screen Wells - First Quarter 2005
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet, TOC)	Product Thickness (feet)
		March 2, 2005		March 2, 2005	
MW-1*	483.68	25.59	458.09	NM	NM
MW-2	483.86	25.93	457.93	NM	NM
MW-3	484.24	27.03	457.21	NM	NM
MW-4	485.04	25.59	459.45	NM	NM
MW-5	481.97	25.52	456.45	NM	NM
MW-6	483.93	NM	NM	NM	NM
MW-7	478.14	26.09	452.05	NM	NM
MW-8	473.23	30.04	443.19	NM	NM
MW-9	477.08	27.91	449.17	NM	NM
MW-10	471.42	30.36	441.06	NM	NM
MW-11	464.93	27.09	437.84	NM	NM
MW-12	458.34	21.28	437.06	NM	NM
MW-13	474.79	27.40	447.39	NM	NM
D-1	464.70	29.30	435.40	NM	NM
D-2	457.61	22.45	435.16	NM	NM
(MS)MW-1	477.79	29.41	448.38	NM	NM

Notes:

feet, MSL = feet above mean sea level

feet, TOC = feet below top of casing

NM = not measured, no measurable free product thickness was present; well MW-6 was obstructed at a depth of 28.58 feet below TOC.

* The top of casing elevation of well MW-1 was reduced from 484.07 feet, MSL, by 0.39 feet, during a repair conducted on 11/26/03.

Table 3b
Groundwater Elevations in Multi-Level Wells - First Quarter 2005
B & C Gas Mini Mart
Livermore, California

Well No.	Zone No.	Top-of-Casing Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet, TOC)	Product Thickness (feet)
			March 2, 2005		March 2, 2005	
CMT-1	Z1	469.51	31.45	438.06	NM	NM
	Z2		32.80	436.71	NM	NM
	Z3		32.88	436.63	NM	NM
	Z4		31.97	437.54	NM	NM
	Z5		31.88	437.63	NM	NM
	Z6		31.99	437.52	NM	NM
	Z7		33.57	435.94	NM	NM
CMT-2	Z1	470.14	30.12	440.02	NM	NM
	Z2		32.57	437.57	NM	NM
	Z3		32.59	437.55	NM	NM
	Z4		32.12	438.02	NM	NM
	Z5		32.12	438.02	NM	NM
	Z6		32.24	437.90	NM	NM
	Z7		NM[1]	NM[1]	NM	NM
CMT-3	Z1	473.44	30.95	Dry	NM	NM
	Z2		31.04	442.40	NM	NM
	Z3		32.60	440.84	NM	NM
	Z4		34.12	439.32	NM	NM
	Z5		34.78	438.66	NM	NM
	Z6		34.79	438.65	NM	NM
	Z7		34.52	438.92	NM	NM
CMT-4	Z1	483.38	25.40	457.98	NM	NM
	Z2		25.59	457.79	NM	NM
	Z3		24.98	458.40	NM	NM
	Z4		24.96	458.42	NM	NM
	Z5		24.98	456.27	NM	NM
	Z6		29.47	453.91	NM	NM
	Z7		30.48	452.90	NM	NM

Notes:

feet, MSL = feet above mean sea level

feet, TOC = feet below top of casing

NM = not measured, no measurable free product thickness was present

MS = Mill Springs Park

[1] = not measured; well obstructed at 2.5' below top of casing

Table 4a
Groundwater Analytical Results in Single-Screen Wells - First Quarter 2005
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethyl benzene	Xylenes (total)	Methyl *tert*-butyl ether	*Tert*-amyl methyl ether	
MW-1	3/2/2005	**4,300**	<25	<25	<25	**160**	<25	<25	HDSP
MW-2	3/2/2005	**1,800**	**180**	<25	**210**	**87**	**69**	<25	
MW-3	3/3/2005	**110**	**2.3**	<1.0	<1.0	<1.0	**3.7**	<1.0	R-05
MW-4	3/3/2005	**50**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	HDSP
MW-5	3/2/2005	**8,300**	**870**	<100	**1,000**	**890**	**230**	<100	
MW-6	NA	NS	NS	NS	NS	NS	NS	NS	
MW-7	3/3/2005	**230**	**1.4**	<0.50	**0.76**	<0.50	**7.3**	<0.50	
MW-8	NA	NS	NS	NS	NS	NS	NS	NS	
MW-9	NA	NS	NS	NS	NS	NS	NS	NS	
MW-10	NA	NS	NS	NS	NS	NS	NS	NS	
MW-11	NA	NS	NS	NS	NS	NS	NS	NS	
MW-12	NA	NS	NS	NS	NS	NS	NS	NS	
MW-13	3/3/2005	<50	<0.50	<0.50	<0.50	<0.50	**1.4**	<0.50	
D-2	3/3/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8K2	NA	NS	NS	NS	NS	NS	NS	NS	

Notes:

TPH-G = total petroleum hydrocarbons as gasoline

< = less than the laboratory reporting limit

NA = Not applicable; well MW-6 is obstructed at 28.6' below TOC and well MW-11 is inactive.

NS = Not sampled during first quarter 2005 monitoring event

R-05=The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

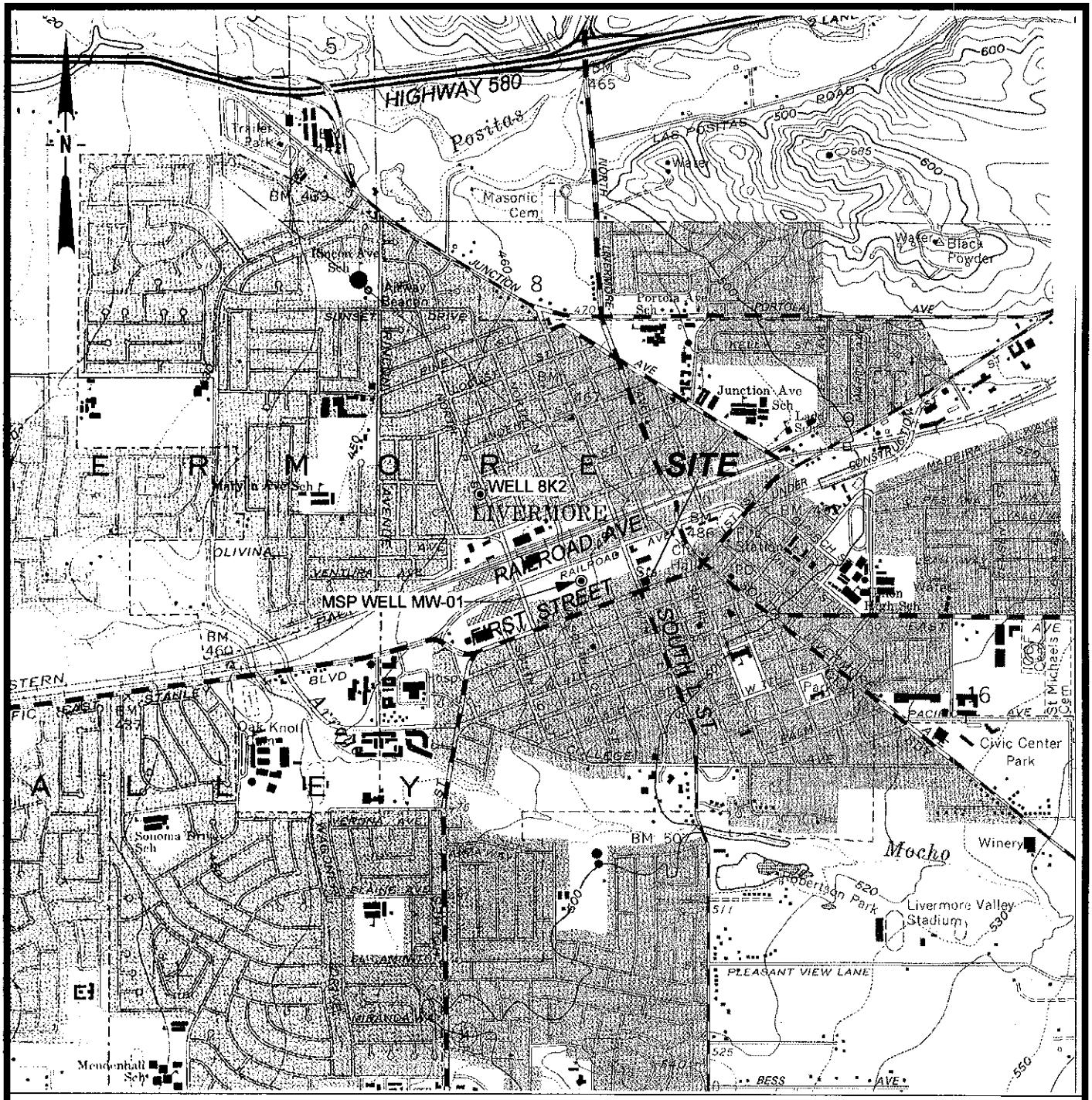
HDSP= This sample aliquot was taken from VOA vials with headspace (air bubble greater than 6mm diameter) which may have resulted in the loss of volatiles.

Table 4b
Groundwater Analytical Results in Multi-Level Wells - First Quarter 2005
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethyl benzene	Xylenes (total)	Methyl *tert*-butyl ether	*Teri*-amyl methyl ether	
CMT-1	Z1	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	HC-11
	Z2	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z3	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z4	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z5	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z6	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z7	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
CMT-2	Z1	3/16/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z2	3/16/2005	<50	<0.50	<0.50	<0.50	<0.50	**0.50**	NS	
	Z3	3/16/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z4	3/16/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z5	3/16/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z6	3/16/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z7	3/17/2004	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
CMT-3	Z1	3/15/2005	**58**	<0.50	<0.50	<0.50	<0.50	**69**	NS	
	Z2	3/15/2005	<50	<0.50	<0.50	<0.50	<0.50	**3.5**	NS	
	Z3	3/15/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z4	3/15/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z5	3/15/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z6	3/15/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
	Z7	3/16/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	
CMT-4	Z2	3/17/2005	**15,000**	**5,600**	**690**	**720**	**1,300**	**4,200**	NS	
	Z3	3/17/2005	**180**	**52**	**24**	**3.2**	**9.4**	**1.6**	NS	
	Z4	3/17/2005	**54**	**13**	**14**	**1.5**	**5.8**	<0.50	NS	
	Z5	3/17/2005	<50	**3.0**	**3.6**	**0.53**	**2.3**	<0.50	NS	
	Z6	3/17/2005	<50	**0.52**	**0.62**	<50	**0.61**	**0.62**	NS	
	Z7	3/17/2005	<50	**0.69**	**0.96**	<0.50	**0.78**	<0.50	NS	

Notes:
CMT = continuous multi-channel tubing
TPH-G = total petroleum hydrocarbons as gasoline
NA = not analyzed because of insufficient water present to collect sample
NS = not sampled during the First Quarter 2005 monitoring event
< = less than the laboratory reporting limit
HC-11 for TPH-g in CMT1-Z1



Base map: USGS 7.5' topography, Livermore, California (1961; photorevised 1980)

SCALE: 0 2,000 4,000 FEET

I:/BNC/103/FIGURES/SITELOC.DSF 1/14/03

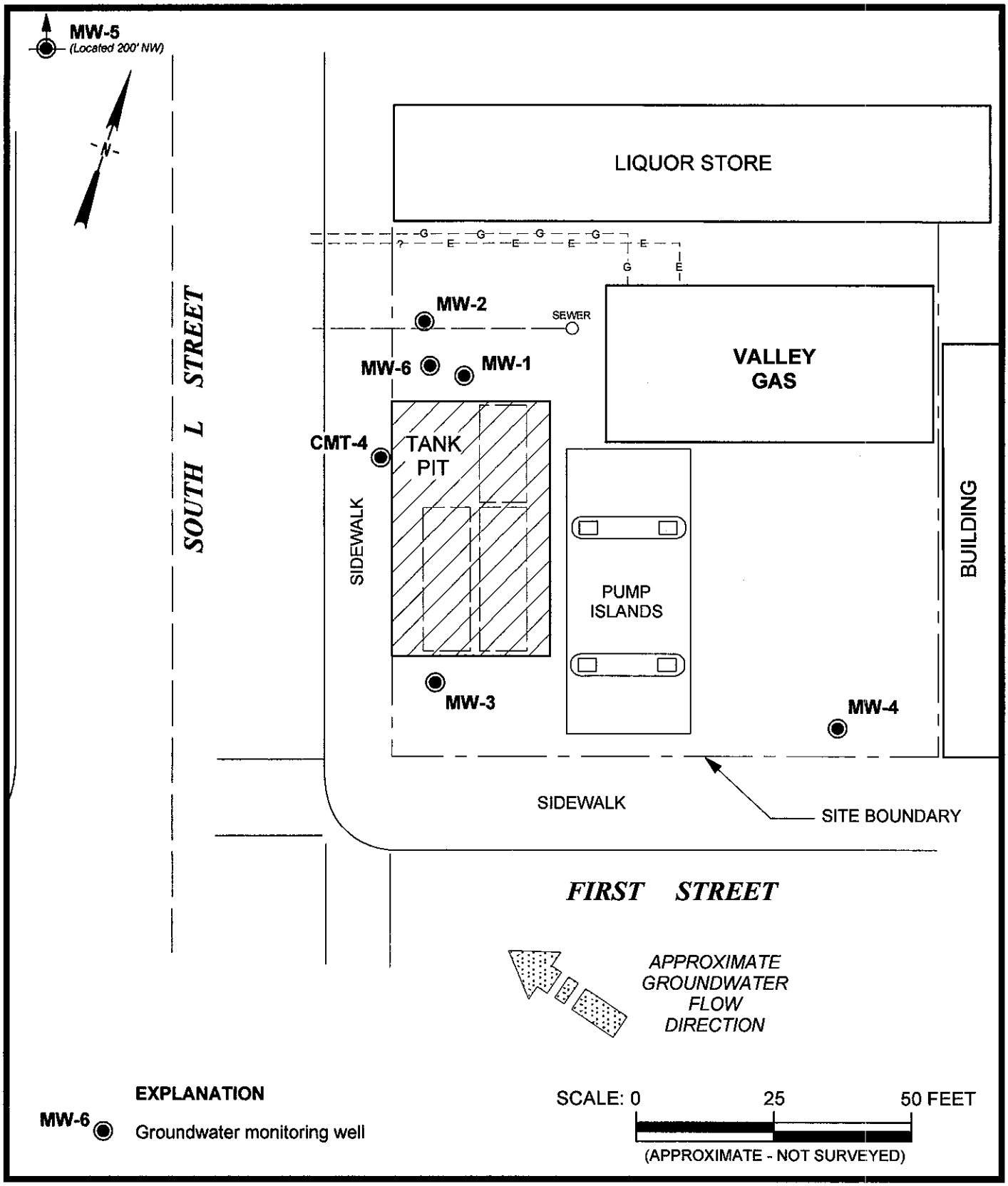
Conor Pacific EFW

GROUNDWATER MONITORING
B & C GAS MINI MART
LIVERMORE, CALIFORNIA

SITE LOCATION MAP

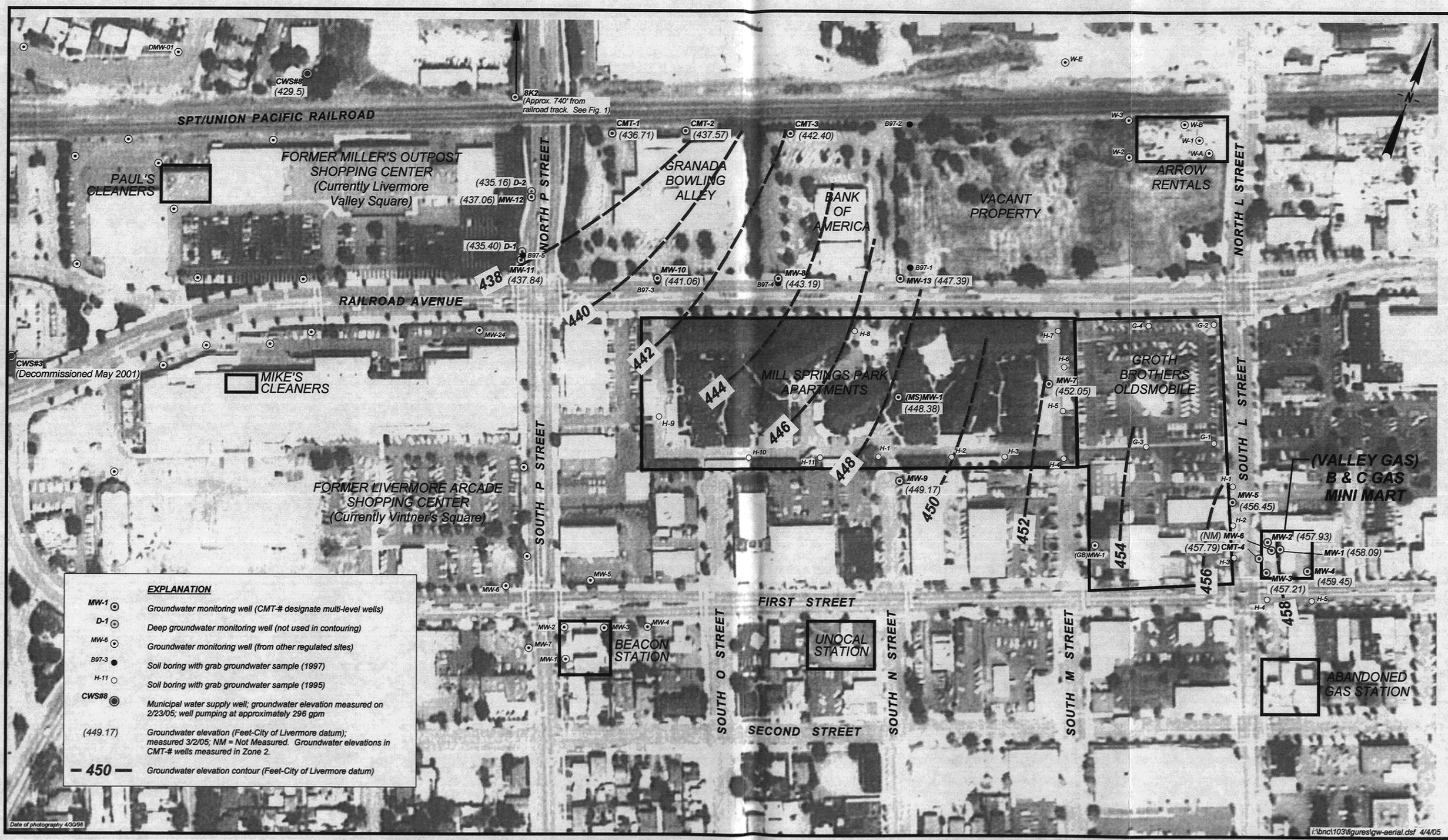
FIGURE 1

PROJECT NO. BNC103



Conor Pacific / EFW	GROUNDWATER MONITORING B & C GAS MINI MART LIVERMORE, CALIFORINA SITE PLAN	FIGURE 2 PROJECT NO. BNC103

I:/BNC/104/FIGURES/SITE PLAN-WPIR.DSF 3/21/03



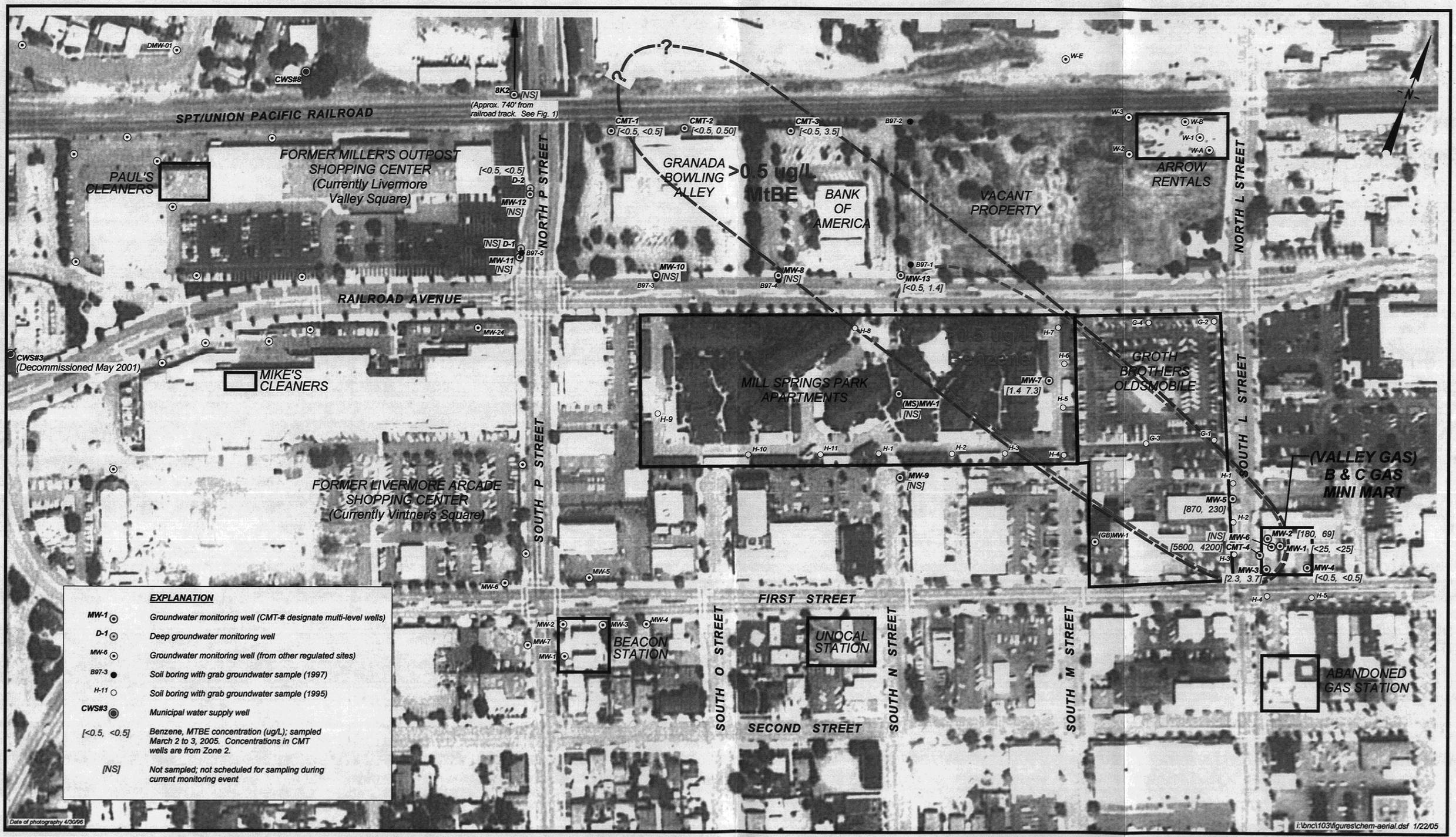
Conor Pacific | EFW

SCALE: 0 200 400 FEET
(APPROXIMATE)

GROUNDWATER MONITORING
B & C GAS MINI MART
LIVERMORE, CALIFORNIA

WELL LOCATIONS AND GROUNDWATER CONTOURS (MARCH 2005)

FIGURE
3
PROJECT NO.
BNC103



Conor Pacific | EFW

SCALE: 0 200 400 FEET
(APPROXIMATE)

GROUNDWATER MONITORING
B & C GAS MINI MART
LIVERMORE, CALIFORNIA

GROUNDWATER CHEMISTRY (MARCH 2005)

FIGURE
4
PROJECT NO.
BNC103

APPENDIX A

Water Sample Field Data Sheets

WATER SAMPLING AND ANALYSIS REQUEST

Project Name: **B & C Gas Mini Mart, Livermore**

Scheduled Date(s): **March 2-4, 2005**

Project Authorization: JC J Cotton
Project No.: **BNC103**
Task: **20**
Results To: **J Cotton**

Keys/Combos: **0909**

Special Instructions/Considerations:

1st quarter groundwater sampling event.
Complete water level/floating product survey prior to sampling.
1 casing volume purge for all conventional wells.
Discharge purge water to sanitary sewer; see email and discharge permit.
Need traffic control for MW-5, and sidewalk control for D-1 and D-2.
MW-5: has contained floating product recently; if present, do not sample.
Replace product recovery sock in MW-5 if product present.
MS MW01 is located in Mills Springs Park Apartments.
If product appears during purge, discontinue purging and note on field sheet.
Install soak-ease cage/sock in MS MW01 if **measureable** product present.

Site Contact: Balaji Angle
Phone Number: 510 552 4822 (m)
Mr. Sam (station): 925 449 2194

Well or Source	Casing Diameter (inches)	Casing Length (feet)	Depth To Water (feet)
			(12/13/04)
MW-1	2.0	74.7	34.12
MW-2	4.0	56.0	34.29
MW-3	4.0	57.7	33.44
MW-4	4.0	59.9	34.14
MW-5	4.0	39.6	34.23
MW-7	2.0	49.1	33.90
MW-13	2.0	54.2	35.53
D-2	2.0	110.4	28.96

ANALYSES REQUESTED

For All Points:
TPH gas
BTEX by EPA 8260
MTBE by EPA 8260
***Field Measurements**

Field Measurements= Temp
pH
EC
Turbidity
DO

Complete 3/3/05 SV

Check w/ Colleen Winey Zone 7 re: possible split samples for PCE

(925) 454-5063

Post-it® Fax Note 7671 | Date 2/24/05 | # of pages ▶ 2
To Steve Giacomini | From K Park
Co./Dept. | Co. CP
Phone # 916 6812776 | Phone # 650 386 3828
Fax # | Fax # 3815

Laboratory and Laboratory QC Instructions:

Sequoia Analytical - Petaluma, project manager: Mark Shipman: 707 792 7518
Provide EDF.
Add the LOCID (well ID) to the EDF sent to the State.

WATER LEVEL DATA SHEET
Conor Pacific

Project: B&C Gas Mini Mart
Project No.: BNC103
Date(s): 3/2/05
Name: S. Giacomini
Weather: pHy cloudy, cool
Sounder #: Keck # 1351, Slope 17974

Well	Date	Time	DTW (TOC)	Total Depth	Meas. By	Comments
MW-1	3/2/05	1016	25.59	~~NM~~ 74.7	SG	~~OBSTRUCTION~~ TD = 74.7'
MW-2		1007	25.93	56.1		
MW-3		1003	27.03	57.7		9/16"
MW-4		955	25.59	59.9		
MW-5		1400	25.52	39.8		15/16
MW-6		1010	25.44	NM		OBSTRUCTION @ 28.6'
MW-7		1105	26.09	49.1		9/16"
MW-8		1133	30.04	52.9		9/16"
MW-9		1028	27.91	43.9		9/16'
MW-10		1138	30.36	46.3		9/16"
MW-11		1050	27.04	48.7		9/16
MW-12		1045	21.28	43.1		
MW-13		1129	27.40	54.2		
D-1		1054	29.30	123.3		
D-2		1040	22.45	110.5		
MS MW01		1112	29.41	NM*		*TD NM due to historical product in well
CMT1-Z1		1215	31.45	NM		15/16"
CMT1-Z2		1217	32.80			15/16"
CMT1-Z3		1218	32.88			
CMT1-Z4		1220	31.97			
CMT1-Z5		1221	31.88			
CMT1-Z6		1222	31.49			
CMT1-Z7		1223	33.57			
CMT2-Z1		1231	30.12			
CMT2-Z2		1233	32.57			
CMT2-Z3		1234	32.59			
CMT2-Z4		1235	32.12			
CMT2-Z5		1236	32.12			
CMT2-Z6		1237	32.24			
CMT2-Z7		1239	NM			Obstructed @ 2.5'
CMT3-Z1		1152	30.95			
CMT3-Z2		1156	31.04			
CMT3-Z3		1158	32.60			
CMT3-Z4		1159	34.12			
CMT3-Z5		1200	34.78			
CMT3-Z6		1201	34.79			
CMT3-Z7		1203	34.52			
CMT4-Z1		1357	25.40	256		
CMT4-Z2		1360	25.59			
CMT4-Z3		1301	24.98			
CMT4-Z4		1302	24.96			
CMT4-Z5		1303	24.98			
CMT4-Z6		1304	29.47			
CMT4-Z7		1306	30.48			

Conor Pacific / EFW

CHAIN OF CUSTODY

Quotation No. ______

PROJECT NO.: BNC 103

SITE NAME: BNC GAS MINI-MART

SAMPLER(S): S. GIACOMINI (printed) [signature] (signature)

CONTRACT LABORATORY: SEQUOIA - Petaluma

TURN-AROUND TIME: STANDARD

EDD required? ☒ Yes ☐ No

Sample I.D.	Lab I.D.	Collection Date	Collection Time	Matrix	Depth	Container Info	TPH GAS	BTEX by 8260 / MTBE by 8260									Cont. Qty.	Remarks
						Type/Vol.	VOA 40	VOA 40										
						Filter	N	N										
						Preserv.	HCl	HCl										
MW-1		3/2/05	1543	WATER			X	3									3	
MW-2		3/2/05	1515	↓			X	3									3	
MW-3		3/3/05	1330	↓			X	3									3	
MW-4		3/3/05		↓			X	3									3	
MW-5		3/2/05		↓			X	3									3	
MW-7		3/3/05		↓			X	6									~~3~~ 6	
MW-8		3/3/05		↓			X	3									3	
D-2		3/3/05		↓			X	3									3	
																		7.2°
																		PROVIDE EDF
																		Add The LOCID (WELL ID) to the EDF SENT TO the State

Relinquished by: (signature)	Received by: (signature)	Date/Time:
[signature]	Denise L Headley	3/4/05 1328

SEND RESULTS TO:

Attn: Joseph Cotton
Conor Pacific/EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043
Phone (650) 386-3828
Fax (650) 386-3815

white: lab copy yellow: project file

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: BNC GAS MINI MART
PROJECT NO: BNC 103
CLIENT: B-N-C GAS MINI MART
SAMPLE ID: MW-1
SAMPLED BY: S. GIACOMINI
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 X 4 ____ 4.5 ____ 6 ____ 8 ____ Other ____
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 74.7
Depth to Water (ft): 25.59
Height of Water Column (ft): 49.11
Volume in Casing (gal): 8.4
Calculated Purge (volumes / gal.): 8.4
Actual Pre-Sampling Purge (gal): 8.5

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____
Purge Water Containment: Drum - onsite
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1528	3.0	20.4	1050	7.20	Lt. Brown	Moderate		Brown Floaty particulate
1534	6.0	20.2	1050	7.24				
1538	8.5	20.0	1050	7.25				

Purge Date: 3/2/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X (72')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1543	20.0	1050	7.24	2.55	Brown	> 526	Brown Floaty particulate

Sheen: Slight Odor: Strong Sample Date: 3/2/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: 1 casing Volume purge

SIGNATURE: _____ **DATE:** 3/2/05

M:\FORMS\SAMPLING\WTRSMPL2000.DOC

1 of 8

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-2
PROJECT NO: BNC103
SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 X 4 X 4.5 ____ 6 ____ 8 ____ Other ____
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 56.1
Volume in Casing (gal): 20.0
Depth to Water (ft): 25.93
Calculated Purge (volumes / gal.): 20.0
Height of Water Column (ft): 30.17
Actual Pre-Sampling Purge (gal): 20.0

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____
Purge Water Containment: DRUM - ON SITE
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1501	7.0	20.2	1010	7.01	grey/Brown	low		
1506	13.5	20.4	1020	7.00				
1510	20.0	20.6	1020	6.99				

Purge Date: 3/2/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X (53')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1515	20.6	1020 7.02	7.02	1.71	grey	17	Black Flakes particulate

Sheen: none Odor: Moderate Sample Date: 3/2/05

Field Measurement Devices: Horiba 45 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: leasing Volume purge

SIGNATURE: [signature] **DATE:** 3/2/05

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WATER SAMPLE FIELD DATA

LOCATION: BNC GAS MINI MART
SAMPLE ID: MW-3
PROJECT NO: BNC-103
SAMPLED BY: S. Catechuma
CLIENT: BNC GAS MINI-MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 X 4.5 ____ 6 ____ 8 ____ Other ____
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 57.7	Volume in Casing (gal): 20.3
Depth to Water (ft): 27.03	Calculated Purge (volumes / gal.): 20.3
Height of Water Column (ft): 30.67	Actual Pre-Sampling Purge (gal): 205

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X(55')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____
Purge Water Containment: Drum on site
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1311	7.0	19.5	1010	7.14	lt. Brown	low		
1318	14.0	19.8	1000	7.14	↓	↓		
1324	20.5	19.9	1020	7.16	↓	↓		

Purge Date: 3/3/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X(55')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1330	20.0	1020	7.19	2.67	lt Brown	47	

Sheen: None Odor: Light Sample Date: 3/3/05

Field Measurement Devices: Horiba HK Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 1 Casing Vol. Purge

HS Chamber 3/3/05 1230: pH= 7.05, 10.14; EC= 0, 2060; TURB= 0; DO= Auto; Temp= 12.8°C

SIGNATURE: _____ **DATE:** 3/3/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART SAMPLE ID: MW-4
PROJECT NO: BNC 103 SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI MART REGULATORY AGENCY: ACEH3
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 X 4.5 ____ 6 ____ 8 ____ Other ____
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 59.9 Volume in Casing (gal): 22.7
Depth to Water (ft): 25.59 Calculated Purge (volumes / gal.): 22.7
Height of Water Column (ft): 34.31 Actual Pre-Sampling Purge (gal): 23.0

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X (1.5')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____
Purge Water Containment: Drum on site
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1348	50	19.8	1010	7.20	lt Brown	low		
1355	150	19.8	1020	7.16	"	"		
1402	230	19.9	1030	7.20	"	"		

Purge Date: 3/3/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X (57')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1408	20.0	1036	7.24	5.51	lt. Brown	86	

Sheen: None Odor: none Sample Date: 3/3/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 1 Casing Volume PURGE

SIGNATURE: [signature] **DATE:** 3/3/05

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: BNC Gas - Mini Mart
SAMPLE ID: MW-5
PROJECT NO: BNC 103
SAMPLED BY: S. Giacomini
CLIENT: BNC, Gas Mini Mart
REGULATORY AGENCY: ACEHS

SAMPLE TYPE: Groundwater X Surface Water ___ Leachate ___ Treatment System ___ Other ___

CASING DIAMETER (OD-inches): 3/4 ___ 1 ___ 2 ___ 4 X 4.5 ___ 6 ___ 8 ___ Other ___
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 39.8	Volume in Casing (gal): 9.5
Depth to Water (ft): 25.52	Calculated Purge (volumes / gal.): 9.5
Height of Water Column (ft): 14.28	Actual Pre-Sampling Purge (gal): 9.5

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer ___ Teflon Bailer ___ PVC Bailer ___ Disp. Bailer X
PVC Hand Pump ___ Peristaltic Pump ___ Centrifugal Pump ___ Bladder Pump ___
Pneumatic Displacement Pump ___ Electric Submersible Pump ___ Dedicated ___ Other ___

Purge Water Containment: Drum on site

Field QC Samples Collected at this Well (Equipment or Field Blank): EB- ___ FB- ___ Other ___

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1412	3.5	20.2	1050	6.64	grey/brown	low		
1417	6.5	20.6	1090	6.67	↓	↓		
1420	9.5	20.7	1100	6.67	↓	↓		

Purge Date: 3/2/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer ___ Teflon Bailer ___ PVC Bailer ___ Disp. Bailer X (37')
PVC Hand Pump ___ Peristaltic Pump ___ Centrifugal Pump ___ Bladder Pump ___
Pneumatic Displacement Pump ___ Electric Submersible Pump ___ Dedicated ___ Other ___

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
14[illegible]	20.3	6.70	1100	2.46	grey/Brown	148	

Sheen: None Odor: Strong Sample Date: 3/2/05

Field Measurement Devices: Horiba 25 Omega ___ QuickCheck ___ D.O. Test Kit ___

REMARKS: ~~[illegible]~~ 1 casing volume purge

HS Cal : 3/2/05 1330 : pH = 7.04, 10.11 ; EC = 0.2060 ; Turb = 0 ; DO = Auto ; Temp : 15.4°C

SIGNATURE: [signature] **DATE:** 3/2/05

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Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart
SAMPLE ID: MW-7
PROJECT NO: BNC 103
SAMPLED BY: S. Gutcomini
CLIENT: B-N-C Gas Mini Mart
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 X 4 ____ 4.5 ____ 6 ____ 8 ____ Other ____
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 49.1
Depth to Water (ft): 26.09
Height of Water Column (ft): 23.01
Volume in Casing (gal): 4.0
Calculated Purge (volumes / gal.): 4.0
Actual Pre-Sampling Purge (gal): 4.0

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____
Purge Water Containment: DRUM - on site
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1535	1.5	19.5	966	7.29	Grey/Brown	moderate		
1537	3.0	19.6	973	7.22				
1546	4.0	19.6	974	7.22				

Purge Date: 3/3/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X (46')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1545	19.2	976	7.22	2.51	Grey/Brown	823	

Sheen: none Odor: light Sample Date: 3/3/05

Field Measurement Devices: Horiba U-S Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 1 casing volume purge

SIGNATURE: [signature] **DATE:** 3/3/05

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINIMART SAMPLE ID: MW-13
PROJECT NO: BNC163 SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINIMART REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 X 4 ____ 4.5 ____ 6 ____ 8 ____ Other ____
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 54.1 Volume in Casing (gal): 4.6
Depth to Water (ft): 27.40 Calculated Purge (volumes / gal.): 4.6
Height of Water Column (ft): 26.80 Actual Pre-Sampling Purge (gal): 5.0

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer X
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated ____ Other ____
Purge Water Containment: Drum-on-site
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1423	2.0	19.5	920	7.31	Brown	low		
1426	3.5	19.5	930	7.18	Brown	low		
1429	5.0	19.5	971	7.18	↓	↓		

Purge Date: 3/3/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer Y (51')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated ____ Other ____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1435	19.3	970	7.21	2.76	Brown	458	

Sheen: none Odor: none Sample Date: 3/3/05

Field Measurement Devices: Horiba U5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: leasing volume purge

SIGNATURE: S [signature] **DATE:** 3/3/05

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Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: BNC Gas Mine, Moab
SAMPLE ID: D-2
PROJECT NO: BNC 103
SAMPLED BY: S. Catanach
CLIENT: BNC Gas Mine, Moab
REGULATORY AGENCY: Accts
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 X 4 ____ 4.5 ____ 6 ____ 8 ____ Other ____
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 110.5
Depth to Water (ft): 22.45
Height of Water Column (ft): 88.05
Volume in Casing (gal): 15.0
Calculated Purge (volumes / gal.): 15.0
Actual Pre-Sampling Purge (gal): 15.0

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____
Purge Water Containment: Drum on-site
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1453	5.0	19.1	970	7.42	lt. Brown	moderate		
1501	10.0	19.2	974	7.43	"	"		
1511	15.0	19.2	977	7.43	"	"		

Purge Date: 3/3/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer X (10S')
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated____ Other____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1517	19.0	979	7.44	5.42	lt Brown	>999	

Sheen: none Odor: none Sample Date: 3/3/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: ~~FB~~ one casing Volume purge

SIGNATURE: _____ DATE: 3/3/05

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WATER SAMPLING AND ANALYSIS REQUEST

Project Name: **B & C Gas Mini Mart, Livermore**

Scheduled Date(s): **March 15-17, 2005**

Project Authorization: J Cotton
Project No.: **BNC103**
Task: **20**
Results To: **J Cotton**

Keys/Combos: **0909**

Special Instructions/Considerations:

1st quarter groundwater sampling event.
Complete water level/floating product survey prior to sampling.
2 casing volume purge for all CMT wells.
Discharge purge water to sanitary sewer: see email and discharge permit.
Collect grab samples from CMT1-Z1, CMT3-Z1 and hold. Submit grab samples if wells dry during purge and do not recover.
Use dedicated tubing for purging and sampling.
Use tubing lengths that insure that intakes are in ported intervals.
Check with Colleen Winey (Zone 7) a few days prior to sample collection. She wants to collect split sampls and analyze for PCE. Phone: (925) 454-5063.

left message on 3/16/05

Site Contact: Balaji Angle
Phone Number: 510 552 4822 (m)
Mr. Sam (station): 925 449 2194

Well or Source	Casing Diameter (inches)	Casing Length (feet)	Depth To Water (feet) (12/13/04)
CMT1-Z1	CMT	45.8	41.18
CMT1-Z2	CMT	60.8	41.60
CMT1-Z3	CMT	68.6	41.64
CMT1-Z4	CMT	90.7	39.77
CMT1-Z5	CMT	105.7	39.70
CMT1-Z6	CMT	122.0	39.82
CMT1-Z7	CMT	143.0	41.13
CMT2-Z1	CMT	48.9	40.68
CMT2-Z2	CMT	59.2	41.46
CMT2-Z3	CMT	67.9	41.50
CMT2-Z4	CMT	88.0	40.14
CMT2-Z5	CMT	106.0	40.07
CMT2-Z6	CMT	124.0	40.16
CMT2-Z7	CMT	143.3	40.33
CMT3-Z1	CMT	43.6	40.60
CMT3-Z2	CMT	54.7	40.63
CMT3-Z3	CMT	64.7	41.71
CMT3-Z4	CMT	88.0	42.43
CMT3-Z5	CMT	108.1	42.60
CMT3-Z6	CMT	132.2	42.68
CMT3-Z7	CMT	155.0	42.68
CMT4-Z1	CMT	Dry	25.54
CMT4-Z2	CMT	37.7	33.74
CMT4-Z3	CMT	51.7	33.49
CMT4-Z4	CMT	61.7	33.52
CMT4-Z5	CMT	71.8	33.52
CMT4-Z6	CMT	106.7	38.44
CMT4-Z7	CMT	121.8	39.69

ANALYSES REQUESTED

For All Points:
TPH gas
BTEX by EPA 8260
MTBE by EPA 8260

Field Measurements= Temp, pH, EC, Turbidity, DO

***Field Measurements**

Post-it® Fax Note 7671 — Date 3/7/05 — # of pages 29 — To STEVE GIACOMINI — From C. MUIR — Co./Dept. CP-SAC — Co. CP-MV — Phone # 916-681-2776 — Phone # 650-386-3828 — Fax # — Fax # x 3815

sampled 3/17/05 SV

Laboratory and Laboratory QC Instructions:

Sequoia Analytical - Petaluma, project manager: Mark Shipman: 707 792 7518
Provide EDF.
Add the LOCID (well ID) to the EDF sent to the State.

Conor Pacific EFW

CHAIN OF CUSTODY

Quotation No. ______

PROJECT NO.: BNC 103

SITE NAME: B-N-C gas mini-mart

SAMPLER(S): S. Mcmin (printed) S. (signature)

CONTRACT LABORATORY: Sequoia-Petaluma

TURN-AROUND TIME: Standard

EDD required? [x] Yes [ ] No

Sample I.D.	Lab I.D.	Collection Date	Collection Time	Matrix	Depth	Container Info	TPH GAS	BTEX (8260), MTBE (8260)	Cont. Qty.	Remarks
						Type/Vol.	VOA 40	VOA 40		
						Filter	N	N		
						Preserv.	HCl	HCl		
CMT1-Z1		3/17/05	1100	WATER			3	3	6	
CMT1-Z2		↓	1150	↓			3	3	6	CALLED THERESA ALLEN
CMT1-Z3			1225				3	3	6	ASKED HER TO ADD
CMT1-Z4			1305				3	3	6	EDF AND LOCID
CMT1-Z5			1340				3	3	6	(WELLID) TO THE
CMT1-Z6			1418				3	3	6	EDF SENT TO THE
CMT1-Z7		↓	1510				3	3	6	STATE
CMT2-Z1		3/16/05	1220				3	3	6	4/5/05
CMT2-Z2		↓	1255				3	3	6	C.M.
CMT2-Z3			1335				3	3	6	
CMT2-Z4			1420				3	3	6	
CMT2-Z5			1510				3	3	6	
CMT2-Z6		↓	1550				3	3	6	
CMT2-Z7		3/17/05	1005	↓			3	3	6	
									6	

Relinquished by: (signature)	Received by: (signature)	Date/Time:
S.	[signature]	3/21/05 1120
Relinquished by: (signature)	Received by: (signature)	Date/Time:
Relinquished by: (signature)	Received by: (signature)	Date/Time:

SEND RESULTS TO:

Attn: Joseph Cotton
Conor Pacific/EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043
Phone (650) 386-3828
Fax (650) 386-3815

white: lab copy yellow: project file

Conor Pacific / EFW

CHAIN OF COSTODY

Quotation No. ________

PROJECT NO.: BNC 103

SITE NAME: B-N-C gas mini mart

SAMPLER(S): S. Giammini (printed) / C. mun (printed) / (signature)

CONTRACT LABORATORY: Sequoia-Petaluma

TURN-AROUND TIME: Standard

EDD required? ☒ Yes ☐ No

Sample I.D.	Lab I.D.	Collection Date	Collection Time	Matrix	Depth	Container Info	TPH GAS	BTEX (8260) MTBE (8260)	Cont. Qty.	Remarks
						Type/Vol.	VOA 40	VOA 40		
						Filter	N	N		
						Preserv.	HCl	HCl		
CMT3-Z1		3/15/05	1950	WATER	/		3	3	6	Called Theresa
CMT3-Z2			1200				3	3	6	Allen asked her to
CMT3-Z3			1300				3	3	6	add EDF and
CMT3-Z4			1340				3	3	6	LOCID (Well ID)
CMT3-Z5			1440				3	3	6	to the EDF sent
CMT3-Z6			1530				3	3	6	to the state.
CMT3-Z7		3/16/05	1115				3	3	6	4/5/05
CMT4-2		3/17/05	1028				3	3	6	C. mun
CMT4-3			1119				3	3	6	
CMT4-4			1206				3	3	6	
CMT4-5			1250				3	3	6	
CMT4-6			1348				3	3	6	
CMT4-7			1446				3	3	6	
RW031705			1504				~~3~~	3	3	

Relinquished by: (signature)	Received by: (signature)	Date/Time:
SG	[signature]	3/21/05 / 1120

SEND RESULTS TO:
Attn: Joseph Cotton
Conor Pacific/EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043
Phone (650) 386-3828
Fax (650) 386-3815

CL 10°

white: lab copy yellow: project file

Conor Pacific | EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINIMART | SAMPLE ID: CMT1-Z1
PROJECT NO: BNC103 | SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINIMART | REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 45.8 | Volume in Casing (~~gal~~) ml: 599
Depth to Water (ft): 30.83 | Calculated Purge (volumes / ~~gal.~~) ml: 1198
Height of Water Column (ft): 14.97 | Actual Pre-Sampling Purge (~~gal~~) ml: 1200

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated 1/4" (45') Other INERTIA LIFT
Purge Water Containment: DRUMMED
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~) ml	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1013	400	19.0	1140	7.17	grey/brown	Low/moderate		Strong sulfur odor
1052	1200	19.5	1120	7.06	"	low		

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated 1/4" (45') Other INERTIA LIFT

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1100	19.6	1080	7.12	3.44	lt grey	50	

Sheen: None Odor: light sulfur Sample Date: 3/17/05

Field Measurement Devices: Horiba H5 Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: 2 CASING Volume Purge
Collected grab sample @ 1045 from 300-660 ml purged - due to historical low yield conditions - continued purge. Well did not dry - discarded 1st set of samples - collected all samples after purge @ 1106

SIGNATURE: ____ **DATE:** 3/17/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART SAMPLE ID: CMT1-Z2

PROJECT NO: BNC 103 SAMPLED BY: S. GIACOMINI

CLIENT: B-N-C GAS MINI MART REGULATORY AGENCY: ACEHS

SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____

CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT

GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 60.8 Volume in Casing (~~gal~~ ml): 1145

Depth to Water (ft): 32.19 Calculated Purge (volumes / ~~gal~~ ml.): 2289

Height of Water Column (ft): 28.61 Actual Pre-Sampling Purge (~~gal~~ ml): 2300

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____

PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated ¼" (60') Other INERTIA LIFT

Purge Water Containment: Drummed

Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~ ml)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1112	800	19.6	1070	7.50	Grey/Brown	moderate		Strong sulfur odor
1123	1550	19.7	1070	7.58	"	low/mod.	"	"
1137	2300	19.7	1060	7.58	"	"	"	light odor

Purge Date: 3/17/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____

PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated ¼" (60') Other X INERTIA LIFT

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1150	Insufficient Volume				lt Brown	NM	

Sheen: ____ Odor: ____ Sample Date: 3/17/05

Field Measurement Devices: Horiba U-S Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: 2 CASING VOLUME PURGE
WELL NEARLY DRY @ END OF PURGE. COLLECTED SAMPLES - INSUFFICIENT VOLUME IN WELL AFTER SAMPLING TO MEASURE FIELD PARAMETERS.

SIGNATURE: ____ **DATE:** 3/17/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 1-23
PROJECT NO: BNC 103
SAMPLED BY: S. GIACOMINI
CLIENT: BNC GAS MINI MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 68.6	Volume in Casing (~~gal~~): 1456
Depth to Water (ft): 32.20	Calculated Purge (volumes / ~~gal.~~): 2912
Height of Water Column (ft): 36.40	Actual Pre-Sampling Purge (~~gal~~): 2950

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ✓ Centrifugal Pump____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE (68') Other Inertial Lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~) (ml)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1207	1000	19.8	930	7.54	lt. Brown	moderate		
1212	2000	19.9	940	7.42	↓	↓		
1218	2950	19.9	940	7.40	↓	↓		

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" (68') Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1225	19.9	940	7.50	5.82	lt. Brown	165	

Sheen: None Odor: Light Sample Date: 3/17/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 Casing Volume Purge

SIGNATURE: SV **DATE:** 3/17/05

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WATER SAMPLE FIELD DAT

LOCATION: B-N-C GAS MINI MART | SAMPLE ID: CMT1-Z4
PROJECT NO: BNC 103 | SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI-MART | REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 90.7	Volume in Casing (~~gal~~ ML): 2362
Depth to Water (ft): 31.65	Calculated Purge (volumes / ML (~~gal.~~)): 4724
Height of Water Column (ft): 59.05	Actual Pre-Sampling Purge (~~gal~~ ML): 4750

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" Poly (90') Other Method Lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~ ML)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1244	1600	20.0	980	7.53	Brown	moderate		
1251	3200	20.0	980	7.51	"	"		
1256	4750	20.0	980	7.52	"	"		

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" Poly (90') Other Method Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1305	19.9	980	7.62	6.83	Brown	89	

Sheen: none Odor: light Sample Date: 3/17/05

Field Measurement Devices: Horiba H5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 Casing Volume purge

SIGNATURE: SL Giacomini **DATE:** 3/17/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 1-75
PROJECT NO: BNC 103
SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI-MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 105.7	Volume in Casing (~~gal~~ ml): 2961
Depth to Water (ft): 31.68	Calculated Purge (volumes / ~~gal.~~ ml): 5922
Height of Water Column (ft): 74.02	Actual Pre-Sampling Purge ~~(gal)~~ (ml): 6000

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated ¼" (105') Other Inertial Lift
Purge Water Containment: DRUMMED
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume ~~(gallons)~~ (ml)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1318	2000	19.8	980	7.56	Brown	moderate		
1325	4000	19.7	990	7.52	↓	↓		
1331	6000	19.7	990	7.50				

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated ¼" (105') Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1340	19.6	980	7.54	5.98	lt. Brown	153	

Sheen: none Odor: light Sample Date: 3/17/05

Field Measurement Devices: Horiba U5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 casing volume purge

SIGNATURE: [signature] **DATE:** 3/17/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINIMART
SAMPLE ID: CMT 1-76
PROJECT NO: BNC 103
SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI MART
REGULATORY AGENCY: ACEH S
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 122.0
Depth to Water (ft): 31.80
Height of Water Column (ft): 90.20
Volume in Casing (~~gal~~ ml): 3608
Calculated Purge (~~volumes / gal.~~ ml): 7216
Actual Pre-Sampling Purge (~~gal~~ ml): 7300

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE (121) Other Inertial Lift
Purge Water Containment: DRUMMED.
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~ ml)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1354	2500	19.7	1000	7.55	Brown	High		
1402	5000	19.7	1000	7.55	↓	↓		
1410	7300	19.6	1000	7.53	↓	↓		

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE (121) Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1418	19.4	1000	7.57	6.48	Brown	>999	

Sheen: none Odor: light Sample Date: 3/17/05

Field Measurement Devices: Horiba U5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING Volume purge

SIGNATURE: _____ **DATE:** 3/17/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART #1 SAMPLE ID: CMT 1-27
PROJECT NO: BNC 103 SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI MART REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 143.0	Volume in Casing (~~gal~~) ml: 4358
Depth to Water (ft): 34.06	Calculated Purge (volumes / ~~gal.~~) ml: 8716
Height of Water Column (ft): 108.94	Actual Pre-Sampling Purge (~~gal~~) ml: 8750

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated 1/4" (142') Other Inertial Lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~) ml	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1438	3000	19.6	975	7.61	Brown	High		
1449	6000	19.7	975	7.60	↓	↓		
1500	8750	19.8	975	7.59	↓	↓		

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated 1/4" (142') Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1510	19.8	975	7.61	6.33	Brown	658	

Sheen: None Odor: Light Sample Date: 3/17/05

Field Measurement Devices: Horiba U5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 Casing Volume purge.

SIGNATURE: [signature] DATE: 3/17/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI-MART   SAMPLE ID: CMT2-Z1
PROJECT NO: BNC103   SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI-MART   REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ___ Leachate ___ Treatment System ___ Other ___

CASING DIAMETER (OD-inches): 3/4___ 1___ 2___ 4___ 4.5___ 6___ 8___ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft):	48.9	Volume in Casing (gal):	784
Depth to Water (ft):	29.32	Calculated Purge (volumes / gal.):	1567
Height of Water Column (ft):	19.58	Actual Pre-Sampling Purge (gal):	1600

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer___ Teflon Bailer___ PVC Bailer___ Disp. Bailer___
PVC Hand Pump ___ Peristaltic Pump X Centrifugal Pump ___ Bladder Pump ___
Pneumatic Displacement Pump___ Electric Submersible Pump___ Dedicated 1/4" LDPE (48') Other [illegible]
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ___

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1208	500	20.2	1040	7.07	Brown	high	—	sulfer odor
1211	1100	20.3	1070	7.01	↓	↓		↓
1215	1600	20.0	1070	6.97	↓	↓		↓

Purge Date: 3/16/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer___ Teflon Bailer___ PVC Bailer___ Disp. Bailer___
PVC Hand Pump ___ Peristaltic Pump X Centrifugal Pump ___ Bladder Pump ___
Pneumatic Displacement Pump___ Electric Submersible Pump___ Dedicated 1/4" LDPE (48') Other [illegible]

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1220	19.9	1070	6.85	6.37	Brown	>999	

Sheen: none   Odor: light sulfur odor   Sample Date: 3/16/05

Field Measurement Devices: Horiba U5 Omega ___ QuickCheck ___ D.O. Test Kit ___

REMARKS: 2 casing volume purged

SIGNATURE: [signature]   DATE: 3/16/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT2-22
PROJECT NO: BNC103
SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI-MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT2
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 59.2
Depth to Water (ft): 32.00
Height of Water Column (ft): 27.2
Volume in Casing (~~gal~~ ml): 1058
Calculated Purge (volumes ~~/ gal~~ ml): 2176
Actual Pre-Sampling Purge (~~gal~~ ml): 2200

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE 1/4" @ 59' Other Inertial Lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~ ml)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1237	750	19.6	1010	7.22	Brown	moderate		
1242	1500	19.8	1010	7.24	"	"		
1246	2200	19.8	1010	7.23	↓	↓		

Purge Date: ____

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" LDPE @ 59' Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1255	20.4	1030	7.16	3.37	Brown	273	

Sheen: None Odor: Mild Sample Date: 3/16/05

Field Measurement Devices: Horiba H5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 Casing volume purge

SIGNATURE: ____ **DATE:** 3/16/05

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT2-23
PROJECT NO: BNC 103
SAMPLED BY: S COLACCHINI
CLIENT: B-N-C GAS MINI-MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CM
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 67.9	Volume in Casing (~~gal~~) ML: 1436
Depth to Water (ft): 32.02	Calculated Purge (volumes / ~~gal.~~) ML: 2871
Height of Water Column (ft): 35.88	Actual Pre-Sampling Purge (~~gal~~) ML: 2900

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE EGT Other Interfuel Lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~) ML	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1316	1000	20.1	990	7.40	Brown	Moderate/Hyh		
1321	2000	20.1	1000	7.26				
1325	2900	19.9	1004	7.20				

Purge Date: 3/16/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE 67' Other Interfuel Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1335	19.6	980	7.30	3.64	Brown	407	

Sheen: none Odor: light Sample Date: 3/16/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 1 CASING VOLUME PURGE

SIGNATURE: SL **DATE:** 3/16/05

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini-Mart
PROJECT NO: BNC 107
CLIENT: B-N-C Gas Mini-Mart
SAMPLE ID: CMT3-74
SAMPLED BY: S. Giacomini
REGULATORY AGENCY: ACHS

SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____

CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 88.0
Depth to Water (ft): 31.94
Height of Water Column (ft): 56.06
Volume in Casing (~~gal~~) ml: 2243
Calculated Purge (volumes / ~~gal.~~ ml): 4485
Actual Pre-Sampling Purge (~~gal~~) ml: 4500

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" tfe (87') Other inertial lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~) ml	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1353	1500	19.8	1020	7.38	Brown	moderate		
1403	3000	19.7	1020	7.39	"	"		
1410	4500	19.8	1020	7.37	"	"		

Purge Date: 3/16/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" tfe (87') Other inertial lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1420	19.5	1020	7.50	4.70	lt. Brown	232	

Sheen: None Odor: none Sample Date: 3/16/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: 2 casing volume purge

SIGNATURE: _____ **DATE:** 3/16/05

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WATER SAMPLE FIELD DAT

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT2-25
PROJECT NO: BNC103
SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI MART
REGULATORY AGENCY: ACEH'S
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other Cur
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 106.0
Depth to Water (ft): 32.08
Height of Water Column (ft): 73.92
Volume in Casing (~~gal~~ ML): 2958
Calculated Purge (volumes / ~~gal~~ ML): 5914
Actual Pre-Sampling Purge (~~gal~~ ML): 5950

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE (105') Other inertial lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons) ML	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1440	2000	20.2	990	7.48	lt. Brown	moderate		
1452	4000	20.6	1000	7.43	↓	↓		
1503	5950	19.9	1000	7.43	↓	↓		

Purge Date: 3/16/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE (105') Other inertial lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1510	20.1	1000	7.45	6.33	lt. Brown	170	

Sheen: none Odor: light Sample Date: 3/16/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 Casing Volume purge

SIGNATURE: [signature] **DATE:** 3/16/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI-MART
SAMPLE ID: CMT2-76
PROJECT NO: BNC103
SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI MART
REGULATORY AGENCY: ACEH-S
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 124.6
Depth to Water (ft): 32.10
Height of Water Column (ft): 91.90
Volume in Casing (gal): 3676
Calculated Purge (volumes / gal.): 7352
Actual Pre-Sampling Purge (gal): 7400

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" Hose 123 Other Inertial Lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1526	2500	19.6	960	7.52	Brown	moderate		
1535	5000	19.2	950	7.48	"	"		
1543	7400	19.4	990	7.41	"	"		

Purge Date: 3/16/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" Hose 123 Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1550	19.6	980	7.43	5.83	Brown	716	

Sheen: None Odor: ~~Strong~~ Slight Sample Date: 3/16/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 Casing Volume Purge

SIGNATURE: ____ **DATE:** 3/16/05

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WATER SAMPLE FIELD DAT

LOCATION: BNC GAS MINI-MW-1 SAMPLE ID: CMT2-27
PROJECT NO: BNC 103 SAMPLED BY: S. GILCOMING
CLIENT: B-N-C GAS MINI MART REGULATORY AGENCY: ACEH S
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 143.3 Volume in Casing (gal): 4435
Depth to Water (ft): 32.38 Calculated Purge (volumes / gal.): 8874
Height of Water Column (ft): 110.92 Actual Pre-Sampling Purge (gal): 8900

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE (1431) Other metal bailer
Purge Water Containment: ____
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
0941	3000	18.2	916	7.53	Brown	mod/high		
0950	6000	18.8	920	7.48		moderate		
0958	8900	19.0	920	7.49				

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE Other metal bailer

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1005	18.5	949	7.58	5.89	lt. Brown	160	

Sheen: none Odor: light Sample Date: 3/17/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 Casing Volume Purge

1005 hrs; 3/17/05 915; pH = 7.05, 10.13; EC = 0.2060; TURB = 0, 160 NTU; TEMP = 12.0

SIGNATURE: ____ **DATE:** 3/17/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart
PROJECT NO: BNC 103
CLIENT: B-N-C Gas Mini-Mart
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ___ 1 ___ 2 ___ 4 ___ 4.5 ___ 6 ___ 8 ___ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

SAMPLE ID: CMT 3-Z1
SAMPLED BY: S. Giacomini
REGULATORY AGENCY: ACEHS

Well Total Depth (ft):	43.6	Volume in Casing (~~gal~~ ml):	540
Depth to Water (ft):	30.10	Calculated Purge (volumes / ~~gal~~ ml):	1080
Height of Water Column (ft):	13.5	Actual Pre-Sampling Purge (gal):	1100

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____
PVC Hand Pump ____ Peristaltic Pump X 43' Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated FEP 1/4 @ 43 Other inertial lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (μmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1113	550ml	21.3	1340	7.52	Colorless	low		light sulfur odor
1119	1100	21.7	1310	7.47	lt Brown	low		well dry

Purge Date: 3/15/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated FEP 1/4" 43' Other inertial lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (μmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1550					lt. Brown		

Sheen: none Odor: light Sample Date: 3/15/05

Field Measurement Devices: Horiba HS Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: well dried at 1100 ml purged - allowed to recharge to 35.40' DTW at 1540.
* Collected grab samples prior to purging well. discarded grab samples; collected samples after recharge at 1550 - No Field Measurements - insufficient volume after recharge.
HS cal. 3/15/05 @ 1015: pH: 7.03, 10.14; EC: 0, 2060; TURB: 0; DO: two; TEMP: 12.6°C

SIGNATURE: [signature] **DATE:** 3/15/05

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WATER SAMPLE FIELD DATA

LOCATION: BNC GAS MINIMART
SAMPLE ID: CMT 3-22
PROJECT NO: BNC 103
SAMPLED BY: S. GIACOMINI
CLIENT: BNC GAS MINIMART
REGULATORY AGENCY: ACEH S
SAMPLE TYPE: Groundwater x Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 54.7
Depth to Water (ft): 30.23
Height of Water Column (ft): 24.47
Volume in Casing (gal): 9 80
Calculated Purge (volumes / gal.): 1958 1976
Actual Pre-Sampling Purge (gal): 2000

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump 54' Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated Y LDPE 1/4" (54') Other____
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1144	1000	22.0	1000	7.50	lt brwn	moderate		
1153	2000	21.9	1030	7.52	"	"		

Purge Date: 3/15/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump x Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated Y LDPE 1/4" (54') Other____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1201	23.7	1010	7.61	6.55	224		

Sheen: none Odor: light / sulfur Sample Date: 3/15/05

Field Measurement Devices: Horiba U5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 40ml/ft (2 casing volume purge)

SIGNATURE: [signature] **DATE:** 3/15/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI-MART
SAMPLE ID: CMT 3-23
PROJECT NO: BNC 103
SAMPLED BY: S. GIACUMINI
CLIENT: B-N-C GAS MINI-MART
REGULATORY AGENCY: ACEH S
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 64.7
Depth to Water (ft): 31.80
Height of Water Column (ft): 32.90
Volume in Casing (~~gal~~ ml): 1316
Calculated Purge (volumes / ~~gal.~~ ml): 2632
Actual Pre-Sampling Purge (~~gal~~ ml): 2700

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X (64') Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE ¼" (64') Other Inertial Lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~ ml)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1236	1350	21.4	980	7.49	lt. Brown	moderate		
1253	2700	22.4	990	7.45	↓	↓		

Purge Date: 3/15/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE ¼" (64') Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1360	23.0	990	7.45	4.45	lt. Brown	790	

Sheen: none Odor: light - sulfur Sample Date: 3/15/05

Field Measurement Devices: Horiba U-45 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 casing volume purge

SIGNATURE: [signature] **DATE:** 3/15/05

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WATER SAMPLE FIELD DATA

LOCATION: ~~B-N-C~~ B-N-C GAS MINI MART SAMPLE ID: CMT3-24

PROJECT NO: BNC 103 SAMPLED BY: S. GALOMINI

CLIENT: B-N-C GAS MINI MART REGULATORY AGENCY: ACEHS

SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____

CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT

GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 88.0	Volume in Casing (~~gal~~ ML): 2170.5
Depth to Water (ft): 33.74	Calculated Purge (volumes / ~~gal~~ ML): 4341
Height of Water Column (ft): 54.26	Actual Pre-Sampling Purge (~~gal~~ ML): 4400

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____

PVC Hand Pump ____ Peristaltic Pump 87' Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated HDPE 1/4" (87') Other metal tape

Purge Water Containment: Drummed

Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~ ML)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1325	2200	21.7	1060	7.73	Brown	high		
1334	4400	21.4	1050	7.67	↓	↓		

Purge Date: 3/15/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____

PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated 1/4" HDPE (87') Other metal tape

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1340	21.9	1056	7.63	5.18	BROWN	>999	

Sheen: none Odor: light sulfur Sample Date: 3/15/05

Field Measurement Devices: Horiba U-K Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: 2 Casing Volume purge

SIGNATURE: _____ **DATE:** 3/15/05

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WATER SAMPLE FIELD DATA

LOCATION: B-N-C-GAS MINI MART
PROJECT NO: BNC 103
CLIENT: BNC GAS MINI-MART
SAMPLE ID: CMT3-Z5
SAMPLED BY: S. GIACOMINI
REGULATORY AGENCY: ACEHS

SAMPLE TYPE: Groundwater X Surface Water ___ Leachate ___ Treatment System ___ Other ___

CASING DIAMETER (OD-inches): 3/4 ___ 1 ___ 2 ___ 4 ___ 4.5 ___ 6 ___ 8 ___ Other CMT
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 108.1
Depth to Water (ft): 33.92
Height of Water Column (ft): 74.18
Volume in Casing (~~gal~~ ml): 2968
Calculated Purge (volumes / gal.): 5935 ml
Actual Pre-Sampling Purge (gal): 6000 ml

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer ___ Teflon Bailer ___ PVC Bailer ___ Disp. Bailer ___
PVC Hand Pump ___ Peristaltic Pump X 107 Centrifugal Pump ___ Bladder Pump ___
Pneumatic Displacement Pump ___ Electric Submersible Pump ___ Dedicated HDPE 1/4 107' Other Inertial lift
Purge Water Containment: DRUMMED
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ___

Time (2400 Hr)	Volume (~~gallons~~ ml)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1412	3000	21.5	980	7.67	Brown	High		
1420	4500	21.0	980	7.66	↓	↓		
1430	6000	21.0	980	7.63	↓	↓		

Purge Date: 3/15/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ___ Teflon Bailer ___ PVC Bailer ___ Disp. Bailer ___
PVC Hand Pump ___ Peristaltic Pump X 107' Centrifugal Pump ___ Bladder Pump ___
Pneumatic Displacement Pump ___ Electric Submersible Pump ___ Dedicated 1/4 HDPE (107') Other Inertial lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1440	20.8	980	7.67	5.29	Brown	>999	

Sheen: none Odor: light Sample Date: 3/15/05

Field Measurement Devices: Horiba HS Omega ___ QuickCheck ___ D.O. Test Kit ___

REMARKS: 2 casing volume purge

SIGNATURE: [signature] DATE: 3/15/05

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WATER SAMPLE FIELD DATA

LOCATION: BNC-645 MINI-MART
SAMPLE ID: CMT3-26
PROJECT NO: BNC 103
SAMPLED BY: S. GIACOMINI
CLIENT: BNC-645 MINI MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 132.2
Depth to Water (ft): 34.35
Height of Water Column (ft): 97.85
Volume in Casing (~~gal~~) ml: 3914
Calculated Purge (volumes /~~gal.~~) ml: 7828
Actual Pre-Sampling Purge (~~gal~~) ml: 8000

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X (132) Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated HDPE 1/4" (132') Other Inertial Lift
Purge Water Containment: ____
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~) ml	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1504	4000	20.5	910	7.70	Brown	high		
1514	6000	20.3	952	7.67	"	"		
1521	8000	20.4	953	7.65	"	"		

Purge Date: 3/15/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated HDPE 1/4" (132') Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1530	20.4	958	7.65	5.1	Brown	>999	

Sheen: None Odor: High Sample Date: 3/15/05

Field Measurement Devices: Horiba U-S Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 Casing Volume Purge

SIGNATURE: ____ **DATE:** 3/15/05

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI-MART
SAMPLE ID: CMT3-27
PROJECT NO: BNC103
SAMPLED BY: S. GIACOMINI
CLIENT: B-N-C GAS MINI MART
REGULATORY AGENCY: ACEH5
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other Cmt
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 155.0
Depth to Water (ft): 34.04
Height of Water Column (ft): 120.96
Volume in Casing (gal): 4839
Calculated Purge (volumes / gal): 9677
Actual Pre-Sampling Purge (gal): 9700

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated HDPE 1/4" (154') Other Inertial Lift
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1049	5000	20.6	908	7.45	Brown	high		
1059	7500	20.6	942	7.43		moderate		
1108	9700	20.7	942	7.44				

Purge Date: 3/16/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____
PVC Hand Pump ____ Peristaltic Pump X Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated 1/4" HDPE (154') Other Inertial Lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1115	20.5	944	7.48	5.23	Brown	463	

Sheen: none Odor: light Sample Date: 3/16/05

Field Measurement Devices: Horiba U-5 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 casing volume purge

Hrs Cal: 3/16/05 @ 1025 · pH: 7.04, 10.11; EC: 0, 2060; Turb = 0; DO = Auto; Temp = 15.3 °C

SIGNATURE: [signature] DATE: 3/16/05

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Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B&C GAS MINI MART SAMPLE ID: CMT4-Z1

PROJECT NO: BNC 103 SAMPLED BY: _____

CLIENT: B&C GAS MINI MART REGULATORY AGENCY: _____

SAMPLE TYPE: Groundwater X Surface Water _____ Leachate _____ Treatment System _____ Other _____

CASING DIAMETER (OD-inches): 3/4___ 1___ 2___ 4___ 4.5___ 6___ 8___ Other CMT

GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 25.7 Volume in Casing (gal): _____

Depth to Water (ft): DRY Calculated Purge (volumes / gal.): _____

Height of Water Column (ft): _____ Actual Pre-Sampling Purge (gal): _____

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer_____ Teflon Bailer_____ PVC Bailer_____ Disp. Bailer_____

PVC Hand Pump _____ Peristaltic Pump _____ Centrifugal Pump _____ Bladder Pump _____

Pneumatic Displacement Pump_____ Electric Submersible Pump_____ Dedicated_____ Other_____

Purge Water Containment: _____

Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other _____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation

Purge Date: _____

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer_____ Teflon Bailer_____ PVC Bailer_____ Disp. Bailer_____

PVC Hand Pump _____ Peristaltic Pump _____ Centrifugal Pump _____ Bladder Pump _____

Pneumatic Displacement Pump_____ Electric Submersible Pump_____ Dedicated_____ Other_____

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other

Sheen: _____ Odor: _____ Sample Date: _____

Field Measurement Devices: Horiba HL Omega _____ QuickCheck _____ D.O. Test Kit _____

REMARKS: WELL DRY. NO SAMPLES COLLECTED

SIGNATURE: Chuck Min DATE: 3/17/05

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Conor Pacific — EFW

WATER SAMPLE FIELD DATA

LOCATION: B&C GAS MINI MART — SAMPLE ID: CMT4-Z2

PROJECT NO: BNC103 — SAMPLED BY: C. Mui

CLIENT: B&C GAS MINI MART — REGULATORY AGENCY: ACEHS

SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____

CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT

GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 37.7	Volume in Casing (gal): 513
Depth to Water (ft): 24.89	Calculated Purge (volumes / gal.): 1025
Height of Water Column (ft): 12.81	Actual Pre-Sampling Purge (gal): 1025

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____

PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE 1/4" @ 37' Other INERTIAL LIFT PUMP

Purge Water Containment: ____

Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~ mL)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
953	513	18.7	1480	6.92	LT. BROWN	MODERATE		MODERATE ODOR
1018	770	18.4	1470	7.06	↓	↓		↓
1023	1025	18.9	1470	7.04	↓	↓		↓

Purge Date: 3/17/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____

PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE 1/4" @ 37' Other INERTIAL LIFT PUMP

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1028	19.4	1420	7.06	1.94	LT. BROWN	598	

Sheen: NONE Odor: MODERATE Sample Date: 3/17/05

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Mui DATE: 3/17/05

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B&C GAS MINI MART
SAMPLE ID: CMT4-Z3
PROJECT NO: BAC103
SAMPLED BY: C. Muir
CLIENT: B&C GAS MINI MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 51.7	Volume in Casing (gal): 1096
Depth to Water (ft): 24.32	Calculated Purge (volumes / gal.): 2192
Height of Water Column (ft): 27.38	Actual Pre-Sampling Purge (gal): 2195

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE 1/4" @ 49-51' Other INERTIAL LIFT PUMP
Purge Water Containment: DRUM MED
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1103	1096	19.8	1100	7.50	LT. BROWN	MODERATE		STRONG ODOR
1109	1645	19.5	960	7.45	↓	↓		↓
1113	2195	19.8	960	7.45	↓	↓		MODERATE ODOR

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE 1/4" @ 49-51 Other INERTIAL LIFT PUMP

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1119	19.5	970	7.43	2.29	LT. BROWN	16	

Sheen: NONE Odor: LIGHT Sample Date: 3/17/05

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Muir DATE: 3/17/05

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Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B/C GAS MINI MART
SAMPLE ID: CMT4-24
PROJECT NO: BNC03
SAMPLED BY: C. Mun
CLIENT: B/C GAS MINI MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 61.7	Volume in Casing (gal): 14.96
Depth to Water (ft): 24.31	Calculated Purge (volumes / gal.): 29.92
Height of Water Column (ft): 37.39	Actual Pre-Sampling Purge (gal): 3000

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE 1/4" @ 56-60' Other INERTIAL LIFT PUMP
Purge Water Containment: DRUMMED
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1147	1500	19.9	1040	7.55	LT. BROWN	MODERATE		
1155	2250	20.3	1040	7.51	↓	↓		
1202	3000	20.6	1040	7.55	↓	↓		

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated LDPE 1/4" @ 56-60' Other INERTIAL LIFT PUMP

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1206	20.1	1030	7.51	3.15	LT. BROWN	69	

Sheen: NONE Odor: FAINT Sample Date: 3/17/05

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Mun DATE: 3/17/05

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B&C GAS MINI MART SAMPLE ID: CMT4-Z5

PROJECT NO: BNC103 SAMPLED BY: C. Mui

CLIENT: B&C GAS MINI MART REGULATORY AGENCY: ACEHS

SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____

CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT

GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 71.8	Volume in Casing (gal): 1901
Depth to Water (ft): 24.29	Calculated Purge (volumes / gal): 3802
Height of Water Column (ft): 47.51	Actual Pre-Sampling Purge (gal): 3820

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____

PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated PVDF 1/4" Other INERTIAL @ 70' LIFT PUMP

Purge Water Containment: DRUMMED

Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (~~gallons~~) mL	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1237	1910	20.0	1030	7.45	BROWN	VERY HIGH		
1240	2865	20.0	1030	7.43	↓	↓		
1244	3820	19.8	1030	7.41	↓	↓		

Purge Date: 3/17/05

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____

PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated PVDF 1/4" Other INERTIAL @ 70' LIFT PUMP

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1250	19.8	1040	7.46	3.69	LT. BROWN	381	

Sheen: NONE Odor: NONE Sample Date: 3/17/05

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Mui DATE: 3/17/05

Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B&C CAS MINI MART
SAMPLE ID: CMT4-Z6
PROJECT NO: BNC103
SAMPLED BY: C. Muir
CLIENT: B&C CAS MINI MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 106.7	Volume in Casing (gal): 3111
Depth to Water (ft): 28.94	Calculated Purge (volumes / gal.): 6222
Height of Water Column (ft): 77.76	Actual Pre-Sampling Purge (gal): 6230

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated PVDF ¼" @ 106' Other INERTIAL LIFT PUMP
Purge Water Containment: DRUMMED
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume ~~(gallons)~~ mL	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1327	3115	20.0	1030	7.68	BROWN	VERY HIGH		
1336	4675	19.8	1010	7.66	↓	↓		
1343	6230	19.7	1010	7.65	↓	↓		

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated PVDF ¼" @ 106' Other INERTIAL LIFT PUMP

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1348	19.4	1030	7.61	4.11	BROWN	>999	

Sheen: NON Odor: NONE Sample Date: 3/17/05

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Muir **DATE:** 3/17/05

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B&C GAS MINI MART
SAMPLE ID: CMT4-27
PROJECT NO: BNC103
SAMPLED BY: C. Murin
CLIENT: B&C GAS MINI MART
REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____
CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 136.0
Depth to Water (ft): 30.05
Height of Water Column (ft): 105.95
Volume in Casing (gal): 4239
Calculated Purge (volumes / gal.): 8477
Actual Pre-Sampling Purge (gal): 8500

PURGE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated PVDF ¼" Other INERTIAL @ 133' LIFT PUMP
Purge Water Containment: DRUMMED
Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity ① (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1424	4240	19.0	791	7.62	BROWN	VERY HIGH		
1432	6360	19.2	799	7.61	↓	↓		
1439	8500	19.5	799	7.55	↓	↓		

Purge Date: 3/17/05

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____
PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____
Pneumatic Displacement Pump____ Electric Submersible Pump____ Dedicated PVDF ¼" Other INERTIAL @ 133' LIFT PUMP

Time (2400 Hr)	Temp. (°C)	Electical Conductivity ① (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1446	19.4	801	7.59	3.53	LT. BROWN	>999	

Sheen: NONE Odor: SLIGHT Sample Date: 3/17/05

Field Measurement Devices: Horiba HY Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. ① USED OAKTON 1 TO MEASURE EC.

OAKTON 1: COND: 0,1030; 3/17/05 AT 1426.

SIGNATURE: Chuck Murin **DATE:** 3/17/05

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Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B & C GAS MINI MART SAMPLE ID: DW031705

PROJECT NO: BNC103 SAMPLED BY: C. mini

CLIENT: B & C GAS MINI MART REGULATORY AGENCY: ACEHS

SAMPLE TYPE: Groundwater X Surface Water ____ Leachate ____ Treatment System ____ Other ____

CASING DIAMETER (OD-inches): 3/4 ____ 1 ____ 2 ____ 4 ____ 4.5 ____ 6 ____ 8 ____ Other ____

GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft):	Volume in Casing (gal):
Depth to Water (ft):	Calculated Purge (volumes / gal.):
Height of Water Column (ft):	Actual Pre-Sampling Purge (gal):

PURGE:

Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____

PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated ____ Other ____

Purge Water Containment: ____

Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-___ Other ____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation

Purge Date: ____

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer ____

PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____

Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated ____ Other USED CLEAN TRANSFER JAR

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1504	17.6	970	7.80	3.54	LT. BROWN	451	

Sheen: NONE Odor: SLIGHT Sample Date: 3/17/05

Field Measurement Devices: Horiba U-44 Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: COLLECTED GRAB SAMPLE, COLLECTED 500mL PURGE WATER FROM DRUM 030305-A AND 500mL ~~FROM~~ PURGE WATER FROM DRUM 030305-B. COMBINED VOLUMES AND POURED DW031705. MEASURED FIELD PARAMETERS OF THIS COMPOSITE SAMPLE.

SIGNATURE: Chuck mini DATE: 3/17/05

APPENDIX B

Laboratory Certified Analytical Reports

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

23 March, 2005

Joseph Cotton
Conor Pacific
2580 Wyandotte St., Suite G
Mountain View, CA 94043

RE: B&C Gas Mini Mart
Work Order: P503088

Enclosed are the results of analyses for samples received by the laboratory on 03/04/05 13:28. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Robert Butler For Mark Shipman
Project Manager

CA ELAP Certificate #2374

Sequoia Analytical

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	P503088-01	Water	03/02/05 15:43	03/04/05 13:28
MW-2	P503088-02	Water	03/02/05 15:15	03/04/05 13:28
MW-3	P503088-03	Water	03/03/05 13:30	03/04/05 13:28
MW-4	P503088-04	Water	03/03/05 00:00	03/04/05 13:28
MW-5	P503088-05	Water	03/02/05 00:00	03/04/05 13:28
MW-7	P503088-06	Water	03/03/05 00:00	03/04/05 13:28
MW-13	P503088-07	Water	03/03/05 00:00	03/04/05 13:28
D-2	P503088-08	Water	03/03/05 00:00	03/04/05 13:28

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (P503088-01) Water Sampled: 03/02/05 15:43 Received: 03/04/05 13:28									
Gasoline Range Organics (C6-C10)	**4300**	250	ug/l	5	5030146	03/14/05	03/14/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*89 %*	*80.4-110*		"	"	"	"	
MW-2 (P503088-02) Water Sampled: 03/02/05 15:15 Received: 03/04/05 13:28									
Gasoline Range Organics (C6-C10)	**1800**	50	ug/l	1	5030146	03/14/05	03/14/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*89 %*	*80.4-110*		"	"	"	"	
MW-3 (P503088-03) Water Sampled: 03/03/05 13:30 Received: 03/04/05 13:28									
Gasoline Range Organics (C6-C10)	**110**	50	ug/l	1	5030171	03/16/05	03/16/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*86 %*	*80.4-110*		"	"	"	"	
MW-4 (P503088-04) Water Sampled: 03/03/05 00:00 Received: 03/04/05 13:28									
Gasoline Range Organics (C6-C10)	**50**	50	ug/l	1	5030171	03/16/05	03/16/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*86 %*	*80.4-110*		"	"	"	"	
MW-5 (P503088-05) Water Sampled: 03/02/05 00:00 Received: 03/04/05 13:28									
Gasoline Range Organics (C6-C10)	**8300**	250	ug/l	5	5030146	03/14/05	03/14/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*87 %*	*80.4-110*		"	"	"	"	
MW-7 (P503088-06) Water Sampled: 03/03/05 00:00 Received: 03/04/05 13:28									
Gasoline Range Organics (C6-C10)	**230**	50	ug/l	1	5030171	03/16/05	03/16/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*86 %*	*80.4-110*		"	"	"	"	
MW-13 (P503088-07) Water Sampled: 03/03/05 00:00 Received: 03/04/05 13:28									
Gasoline Range Organics (C6-C10)	ND	50	ug/l	1	5030171	03/16/05	03/16/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*88 %*	*80.4-110*		"	"	"	"	

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
D-2 (P503088-08) Water Sampled: 03/03/05 00:00 Received: 03/04/05 13:28									
Gasoline Range Organics (C6-C10)	ND	50	ug/l	1	5030171	03/16/05	03/16/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*87 %*	*80.4-110*		"	"	"	"	

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (P503088-01) Water Sampled: 03/02/05 15:43 Received: 03/04/05 13:28									**HDSP**
Tert-amyl methyl ether	ND	25	ug/l	50	5030155	03/15/05	03/15/05	EPA 8260B	
Benzene	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Xylenes (total)	**160**	25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*		*84-122*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*118 %*		*74-135*		"	"	"	
Surrogate: Toluene-d8		*109 %*		*84-119*		"	"	"	
MW-2 (P503088-02) Water Sampled: 03/02/05 15:15 Received: 03/04/05 13:28									**HDSP**
Tert-amyl methyl ether	ND	25	ug/l	50	5030155	03/15/05	03/15/05	EPA 8260B	
Benzene	**180**	25	"	"	"	"	"	"	
Ethylbenzene	**210**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**69**	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Xylenes (total)	**87**	25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*		*84-122*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*74-135*		"	"	"	
Surrogate: Toluene-d8		*105 %*		*84-119*		"	"	"	
MW-3 (P503088-03) Water Sampled: 03/03/05 13:30 Received: 03/04/05 13:28									**R-05**
Tert-amyl methyl ether	ND	1.0	ug/l	2	5030182	03/17/05	03/17/05	EPA 8260B	
Benzene	**2.3**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.7**	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*84-122*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*74-135*		"	"	"	
Surrogate: Toluene-d8		*105 %*		*84-119*		"	"	"	

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (P503088-04) Water Sampled: 03/03/05 00:00 Received: 03/04/05 13:28									
Tert-amyl methyl ether	ND	0.50	ug/l	1	5030182	03/17/05	03/17/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*84-119*		"	"	"	"	
MW-5 (P503088-05) Water Sampled: 03/02/05 00:00 Received: 03/04/05 13:28									**HDSP**
Tert-amyl methyl ether	ND	100	ug/l	200	5030155	03/15/05	03/15/05	EPA 8260B	
Benzene	**870**	100	"	"	"	"	"	"	
Ethylbenzene	**1000**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**230**	100	"	"	"	"	"	"	
Toluene	ND	100	"	"	"	"	"	"	
Xylenes (total)	**890**	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*113 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*84-119*		"	"	"	"	
MW-7 (P503088-06) Water Sampled: 03/03/05 00:00 Received: 03/04/05 13:28									
Tert-amyl methyl ether	ND	0.50	ug/l	1	5030180	03/17/05	03/17/05	EPA 8260B	
Benzene	**1.4**	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.76**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**7.3**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*85 %*	*84-119*		"	"	"	"	

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-13 (P503088-07) Water Sampled: 03/03/05 00:00 Received: 03/04/05 13:28									
Tert-amyl methyl ether	ND	0.50	ug/l	1	5030182	03/17/05	03/17/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	1.4	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*84-119*		"	"	"	"	
D-2 (P503088-08) Water Sampled: 03/03/05 00:00 Received: 03/04/05 13:28									
Tert-amyl methyl ether	ND	0.50	ug/l	1	5030182	03/17/05	03/17/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*84-119*		"	"	"	"	

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2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Purgeable Hydrocarbons by EPA 8015B - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5030146 - EPA 5030B, waters / EPA 8015B-VOA										
Blank (5030146-BLK1)				Prepared & Analyzed: 03/14/05						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*246*		"	*300*		*82*	*80.4-110*			
Laboratory Control Sample (5030146-BS1)				Prepared & Analyzed: 03/14/05						
Gasoline Range Organics (C6-C10)	2180	50	ug/l	2750		79	65-135			
Surrogate: 4-Bromofluorobenzene	*274*		"	*300*		*91*	*80.4-110*			
Matrix Spike (5030146-MS1)	**Source: P503079-10**			Prepared & Analyzed: 03/14/05						
Gasoline Range Organics (C6-C10)	2400	50	ug/l	2750	380	73	65-135			
Surrogate: 4-Bromofluorobenzene	*269*		"	*300*		*90*	*80.4-110*			
Matrix Spike Dup (5030146-MSD1)	**Source: P503079-10**			Prepared & Analyzed: 03/14/05						
Gasoline Range Organics (C6-C10)	2430	50	ug/l	2750	380	75	65-135	1	20	
Surrogate: 4-Bromofluorobenzene	*269*		"	*300*		*90*	*80.4-110*			
Batch 5030171 - EPA 5030B, waters / EPA 8015B-VOA										
Blank (5030171-BLK1)				Prepared & Analyzed: 03/16/05						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*255*		"	*300*		*85*	*80.4-110*			
Laboratory Control Sample (5030171-BS1)				Prepared & Analyzed: 03/16/05						
Gasoline Range Organics (C6-C10)	2250	50	ug/l	2750		82	65-135			
Surrogate: 4-Bromofluorobenzene	*276*		"	*300*		*92*	*80.4-110*			
Matrix Spike (5030171-MS1)	**Source: P503079-03**			Prepared & Analyzed: 03/16/05						
Gasoline Range Organics (C6-C10)	2300	50	ug/l	2750	49	82	65-135			
Surrogate: 4-Bromofluorobenzene	*274*		"	*300*		*91*	*80.4-110*			

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Purgeable Hydrocarbons by EPA 8015B - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5030171 - EPA 5030B, waters / EPA 8015B-VOA										
Matrix Spike Dup (5030171-MSD1)	**Source: P503079-03**			Prepared & Analyzed: 03/16/05						
Gasoline Range Organics (C6-C10)	2280	50	ug/l	2750	49	81	65-135	0.9	20	
Surrogate: 4-Bromofluorobenzene	*276*		"	*300*		*92*	*80.4-110*			

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	Reported:
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5030155 - EPA 5030B waters / EPA 8260B										
Blank (5030155-BLK1)				Prepared & Analyzed: 03/15/05						
Tert-amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.20*		"	*5.00*		*104*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.77*		"	*5.00*		*95*	*74-135*			
Surrogate: Toluene-d8	*5.12*		"	*5.00*		*102*	*84-119*			
Laboratory Control Sample (5030155-BS1)				Prepared & Analyzed: 03/15/05						
Benzene	4.85	0.50	ug/l	5.00		97	81-118			
Ethylbenzene	5.18	0.50	"	5.00		104	89-122			
Methyl tert-butyl ether	4.75	0.50	"	5.00		95	77-123			
Toluene	5.24	0.50	"	5.00		105	84-119			
Xylenes (total)	15.3	0.50	"	15.0		102	86-132			
Surrogate: Dibromofluoromethane	*4.86*		"	*5.00*		*97*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.60*		"	*5.00*		*92*	*74-135*			
Surrogate: Toluene-d8	*4.93*		"	*5.00*		*99*	*84-119*			
Matrix Spike (5030155-MS1)	**Source: P503060-02**			Prepared & Analyzed: 03/15/05						
Benzene	53.6	5.0	ug/l	50.0	3.1	101	81-118			
Ethylbenzene	55.3	5.0	"	50.0	ND	111	89-122			
Methyl tert-butyl ether	138	5.0	"	50.0	85	106	77-123			
Toluene	55.1	5.0	"	50.0	1.1	108	84-119			
Xylenes (total)	327	5.0	"	150	150	118	86-132			
Surrogate: Dibromofluoromethane	*5.08*		"	*5.00*		*102*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.68*		"	*5.00*		*94*	*74-135*			
Surrogate: Toluene-d8	*5.16*		"	*5.00*		*103*	*84-119*			

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5030155 - EPA 5030B waters / EPA 8260B										
Matrix Spike Dup (5030155-MSD1)	**Source: P503060-02**			Prepared & Analyzed: 03/15/05						
Benzene	53.6	5.0	ug/l	50.0	3.1	101	81-118	0	20	
Ethylbenzene	53.3	5.0	"	50.0	ND	107	89-122	4	20	
Methyl tert-butyl ether	137	5.0	"	50.0	85	104	77-123	0.7	20	
Toluene	55.2	5.0	"	50.0	1.1	108	84-119	0.2	20	
Xylenes (total)	309	5.0	"	150	150	106	86-132	6	20	
Surrogate: Dibromofluoromethane	*5.14*		"	*5.00*		*103*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.92*		"	*5.00*		*98*	*74-135*			
Surrogate: Toluene-d8	*5.17*		"	*5.00*		*103*	*84-119*			
Batch 5030180 - EPA 5030B waters / EPA 8260B										
Blank (5030180-BLK1)				Prepared & Analyzed: 03/17/05						
Tert-amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*4.24*		"	*5.00*		*85*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.25*		"	*5.00*		*85*	*74-135*			
Surrogate: Toluene-d8	*4.22*		"	*5.00*		*84*	*84-119*			
Laboratory Control Sample (5030180-BS1)				Prepared & Analyzed: 03/17/05						
Benzene	4.80	0.50	ug/l	5.00		96	81-118			
Ethylbenzene	4.90	0.50	"	5.00		98	89-122			
Methyl tert-butyl ether	4.95	0.50	"	5.00		99	77-123			
Toluene	4.78	0.50	"	5.00		96	84-119			
Xylenes (total)	14.8	0.50	"	15.0		99	86-132			
Surrogate: Dibromofluoromethane	*4.28*		"	*5.00*		*86*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.39*		"	*5.00*		*88*	*74-135*			
Surrogate: Toluene-d8	*4.27*		"	*5.00*		*85*	*84-119*			

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5030180 - EPA 5030B waters / EPA 8260B										
Matrix Spike (5030180-MS1)	**Source: P503140-03**			Prepared & Analyzed: 03/17/05						
Benzene	4.88	0.50	ug/l	5.00	0.088	96	81-118			
Ethylbenzene	4.84	0.50	"	5.00	ND	97	89-122			
Methyl tert-butyl ether	5.20	0.50	"	5.00	ND	104	77-123			
Toluene	4.96	0.50	"	5.00	ND	99	84-119			
Xylenes (total)	14.6	0.50	"	15.0	ND	97	86-132			
Surrogate: Dibromofluoromethane	*4.51*		"	*5.00*		*90*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.69*		"	*5.00*		*94*	*74-135*			
Surrogate: Toluene-d8	*4.34*		"	*5.00*		*87*	*84-119*			
Matrix Spike Dup (5030180-MSD1)	**Source: P503140-03**			Prepared & Analyzed: 03/17/05						
Benzene	4.79	0.50	ug/l	5.00	0.088	94	81-118	2	20	
Ethylbenzene	4.74	0.50	"	5.00	ND	95	89-122	2	20	
Methyl tert-butyl ether	5.20	0.50	"	5.00	ND	104	77-123	0	20	
Toluene	4.87	0.50	"	5.00	ND	97	84-119	2	20	
Xylenes (total)	14.0	0.50	"	15.0	ND	93	86-132	4	20	
Surrogate: Dibromofluoromethane	*4.63*		"	*5.00*		*93*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.84*		"	*5.00*		*97*	*74-135*			
Surrogate: Toluene-d8	*4.31*		"	*5.00*		*86*	*84-119*			
Batch 5030182 - EPA 5030B waters / EPA 8260B										
Blank (5030182-BLK1)				Prepared & Analyzed: 03/17/05						
Tert-amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.84*		"	*5.00*		*117*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*6.14*		"	*5.00*		*123*	*74-135*			
Surrogate: Toluene-d8	*5.48*		"	*5.00*		*110*	*84-119*			

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5030182 - EPA 5030B waters / EPA 8260B										
Laboratory Control Sample (5030182-BS1)				Prepared & Analyzed: 03/17/05						
Benzene	5.38	0.50	ug/l	5.00		108	81-118			
Ethylbenzene	5.59	0.50	"	5.00		112	89-122			
Methyl tert-butyl ether	5.05	0.50	"	5.00		101	77-123			
Toluene	5.54	0.50	"	5.00		111	84-119			
Xylenes (total)	16.7	0.50	"	15.0		111	86-132			
Surrogate: Dibromofluoromethane	*5.63*		"	*5.00*		*113*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.53*		"	*5.00*		*111*	*74-135*			
Surrogate: Toluene-d8	*5.43*		"	*5.00*		*109*	*84-119*			
Matrix Spike (5030182-MS1)	**Source: P503131-15**			Prepared & Analyzed: 03/17/05						
Benzene	4.93	0.50	ug/l	5.00	ND	99	81-118			
Ethylbenzene	5.37	0.50	"	5.00	ND	107	89-122			
Methyl tert-butyl ether	4.90	0.50	"	5.00	ND	98	77-123			
Toluene	5.09	0.50	"	5.00	ND	102	84-119			
Xylenes (total)	15.6	0.50	"	15.0	ND	104	86-132			
Surrogate: Dibromofluoromethane	*5.53*		"	*5.00*		*111*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.49*		"	*5.00*		*110*	*74-135*			
Surrogate: Toluene-d8	*5.39*		"	*5.00*		*108*	*84-119*			
Matrix Spike Dup (5030182-MSD1)	**Source: P503131-15**			Prepared & Analyzed: 03/17/05						
Benzene	4.77	0.50	ug/l	5.00	ND	95	81-118	3	20	
Ethylbenzene	5.07	0.50	"	5.00	ND	101	89-122	6	20	
Methyl tert-butyl ether	4.70	0.50	"	5.00	ND	94	77-123	4	20	
Toluene	4.86	0.50	"	5.00	ND	97	84-119	5	20	
Xylenes (total)	15.0	0.50	"	15.0	ND	100	86-132	4	20	
Surrogate: Dibromofluoromethane	*5.68*		"	*5.00*		*114*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.52*		"	*5.00*		*110*	*74-135*			
Surrogate: Toluene-d8	*5.30*		"	*5.00*		*106*	*84-119*			

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Conor Pacific	Project:B&C Gas Mini Mart	P503088
2580 Wyandotte St., Suite G	Project Number:BNC103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	03/23/05 16:58

Notes and Definitions

R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
HDSP	The sample aliquot was taken from a VOA vial with headspace (air bubble greater than 6 mm diameter) which may have resulted in the loss of volatile analytes.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Conor Pacific EFW

CHAIN OF CUSTODY

Page 1 of 1

Quotation No. ____

PROJECT NO.:	SITE NAME:
BNC 103	BNC GAS MINI-MART

SAMPLER(S): S. GIACOMINI (printed) [signature] (signature)

CONTRACT LABORATORY: SEQUOIA - Petaluma

TURN-AROUND TIME: STANDARD

EDD required? ☒ Yes ☐ No

ANALYSES: TPH GAS; BTEX by 8260; MTBE by 8260

Sample I.D.	Lab I.D.	Collection Date	Collection Time	Matrix	Depth	Container Info	TPH GAS	BTEX by 8260 / MTBE by 8260		Cont. Qty.	Remarks
						Type/Vol.	Voa 40	Voa 40			
						Filter	N	N			
						Preserv.	HCl	HCl			
MW-1		3/2/05	1543	WATER			X	3	P503088-1	3	
MW-2		3/2/05	1515	↓			X	3	2	3	
MW-3		3/3/05	1333	↓			X	3	3	3	
MW-4		3/3/05		↓			X	3	4	3	
MW-5		3/2/05		↓			X	3	5	3	
MW-7		3/3/05		↓			X	6	6	~~3~~ 6	
MW-8		3/3/05		↓			X	3	7	3	
D-2		3/3/05		↓			X	3	8	3	

7.2°

COOLER CUSTODY SEALS INTACT ☐

NOT INTACT ☐

COOLER TEMPERATURE 4.0 °C

Remarks: PROVIDE EDF. Add The LOCID (WELL ID) to the EDF SENT TO the State.

Relinquished by: (signature)	Received by: (signature)	Date/Time:
[signature]	Denise L Headley	3/4/05 1328
[signature] 3/4/05 1348	[signature]	3/5/05 1000

SEND RESULTS TO:

Attn: Joseph Cotton
Conor Pacific/EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043
Phone (650) 386-3828
Fax (650) 386-3815

white: lab copy yellow: project file

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: C/P
REC. BY (PRINT): ACL
WORKORDER: P5C0088

DATE Received at Lab: 3/5/05
TIME Received at Lab: 1000
LOG IN DATE: 3/7/05

(Drinking water) for regulatory purposes: YES/NO (NO circled)
(Wastewater) for regulatory purposes: YES/NO (NO circled)

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	Dash #	CLIENT ID	CONTAINER DESCRIPTION	pH	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
				MW-1	3xDV		W	3-2	
1. Custody Seal(s)	Present / Absent (Absent circled)			2					
	Intact / Broken*			3				3-3	
2. Chain-of-Custody	Present / Absent* (Present circled)			4					
3. Airbill:	Airbill / Sticker (Airbill circled)			5					
	Present / Absent (Present circled)			7	6xDV				
4. Airbill #: D100100489165875				13	3xDV				
5. Sample Labels:	Present / Absent (Present circled)			D-2					
6. Sample IDs:	Listed / Not Listed on Chain-of-Custody (Listed circled)								
7. Sample Condition:	Intact / Broken* / Leaking* (Intact circled)								
8. Does information on custody reports, traffic reports, and sample labels agree?	Yes / No* (Yes circled)								
9. Sample received within hold time:	Yes / No* (Yes circled)								
10. Proper Preservatives used:	Yes / No* (Yes circled)								
11. Temperature Blank Received?	Yes / No* (No circled)								
12. Temp Rec. at Lab:	4.0 degrees C								
(Acceptance range for samples requiring thermal pres.:4+/-2°C)	Yes / No* (Yes circled)								
13. Samples collected more than 4 days ago?	Yes * / No (No circled)								

3/5/05 [handwritten initials]

*If Circled, contact Project Manager and attach record of resolution.

Sample Receipt Log
Revision 2.2 (8/30/04)
Replaces Revision 2.1 (11/10/00)

FIGURE 6b

Page _____ of _____

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4 April, 2005

Joseph Cotton
Conor Pacific/EFW
2580 Wyandotte St., Unit G
Mountain View, CA 94043

RE: B-N-C Gas Mini Mart
Work Order: MOC0735

Enclosed are the results of analyses for samples received by the laboratory on 03/24/05 08:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CMT3 -Z1	MOC0735-01	Water	03/15/05 15:50	03/24/05 08:30
CMT3 -Z2	MOC0735-02	Water	03/15/05 12:00	03/24/05 08:30
CMT3- Z3	MOC0735-03	Water	03/15/05 13:00	03/24/05 08:30
CMT3 - Z4	MOC0735-04	Water	03/15/05 13:40	03/24/05 08:30
CMT3 - Z5	MOC0735-05	Water	03/15/05 14:40	03/24/05 08:30
CMT3 - Z6	MOC0735-06	Water	03/15/05 15:30	03/24/05 08:30
CMT3 - Z7	MOC0735-07	Water	03/16/05 11:15	03/24/05 08:30
CMT4-2	MOC0735-08	Water	03/17/05 10:28	03/24/05 08:30
CMT4-3	MOC0735-09	Water	03/17/05 11:19	03/24/05 08:30
CMT4-4	MOC0735-10	Water	03/17/05 12:06	03/24/05 08:30
CMT4-5	MOC0735-11	Water	03/17/05 12:50	03/24/05 08:30
CMT4-6	MOC0735-12	Water	03/17/05 13:48	03/24/05 08:30
CMT4-7	MOC0735-13	Water	03/17/05 14:46	03/24/05 08:30
PW031705	MOC0735-14	Water	03/17/05 14:46	03/24/05 08:30
CMT1-Z1	MOC0735-15	Water	03/17/05 11:00	03/24/05 08:30
CMT1-Z2	MOC0735-16	Water	03/17/05 11:50	03/24/05 08:30
CMT1-Z3	MOC0735-17	Water	03/17/05 12:25	03/24/05 08:30
CMT1-Z4	MOC0735-18	Water	03/17/05 13:05	03/24/05 08:30
CMT1-Z5	MOC0735-19	Water	03/17/05 13:40	03/24/05 08:30
CMT1-Z6	MOC0735-20	Water	03/17/05 14:18	03/24/05 08:30
CMT1-Z7	MOC0735-21	Water	03/17/05 15:10	03/24/05 08:30
CMT2- Z1	MOC0735-22	Water	03/16/05 12:20	03/24/05 08:30
CMT2- Z2	MOC0735-23	Water	03/16/05 12:55	03/24/05 08:30
CMT2- Z3	MOC0735-24	Water	03/16/05 13:35	03/24/05 08:30
CMT2- Z4	MOC0735-25	Water	03/16/05 14:20	03/24/05 08:30
CMT2- Z5	MOC0735-26	Water	03/16/05 15:10	03/24/05 08:30
CMT2- Z6	MOC0735-27	Water	03/16/05 15:50	03/24/05 08:30
CMT2- Z7	MOC0735-28	Water	03/17/05 10:05	03/24/05 08:30

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

Sequoia Analytical

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3 -Z1 (MOC0735-01) Water	**Sampled: 03/15/05 15:50**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	**58**	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	HC-11
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
CMT3 -Z2 (MOC0735-02) Water	**Sampled: 03/15/05 12:00**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		"	"	"	"	
CMT3- Z3 (MOC0735-03) Water	**Sampled: 03/15/05 13:00**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
CMT3 - Z4 (MOC0735-04) Water	**Sampled: 03/15/05 13:40**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
CMT3 - Z5 (MOC0735-05) Water	**Sampled: 03/15/05 14:40**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		"	"	"	"	
CMT3 - Z6 (MOC0735-06) Water	**Sampled: 03/15/05 15:30**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		"	"	"	"	
CMT3 - Z7 (MOC0735-07) Water	**Sampled: 03/16/05 11:15**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	

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Conor Pacific/EFW	Project: B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number: BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager: Joseph Cotton	04/04/05 16:08

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT4-2 (MOC0735-08) Water Sampled: 03/17/05 10:28 Received: 03/24/05 08:30									
Gasoline Range Organics (C4-C12)	**15000**	2500	ug/l	50	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-120*		"	"	"	"	
CMT4-3 (MOC0735-09) Water Sampled: 03/17/05 11:19 Received: 03/24/05 08:30									
Gasoline Range Organics (C4-C12)	**180**	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-120*		"	"	"	"	
CMT4-4 (MOC0735-10) Water Sampled: 03/17/05 12:06 Received: 03/24/05 08:30									
Gasoline Range Organics (C4-C12)	**54**	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
CMT4-5 (MOC0735-11) Water Sampled: 03/17/05 12:50 Received: 03/24/05 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		"	"	"	"	
CMT4-6 (MOC0735-12) Water Sampled: 03/17/05 13:48 Received: 03/24/05 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		"	"	"	"	
CMT4-7 (MOC0735-13) Water Sampled: 03/17/05 14:46 Received: 03/24/05 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
CMT1-Z1 (MOC0735-15) Water Sampled: 03/17/05 11:00 Received: 03/24/05 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	

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Conor Pacific/EFW 2580 Wyandotte St., Unit G Mountain View CA, 94043	Project:B-N-C Gas Mini Mart Project Number:BNC 103 Project Manager:Joseph Cotton	MOC0735 **Reported:** 04/04/05 16:08

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z2 (MOC0735-16) Water	**Sampled: 03/17/05 11:50**	**Received: 03/24/05 08:30**							
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		"	"	"	"	
CMT1-Z3 (MOC0735-17) Water	**Sampled: 03/17/05 12:25**	**Received: 03/24/05 08:30**							
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
CMT1-Z4 (MOC0735-18) Water	**Sampled: 03/17/05 13:05**	**Received: 03/24/05 08:30**							
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		"	"	"	"	
CMT1-Z5 (MOC0735-19) Water	**Sampled: 03/17/05 13:40**	**Received: 03/24/05 08:30**							
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		"	"	"	"	
CMT1-Z6 (MOC0735-20) Water	**Sampled: 03/17/05 14:18**	**Received: 03/24/05 08:30**							
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
CMT1-Z7 (MOC0735-21) Water	**Sampled: 03/17/05 15:10**	**Received: 03/24/05 08:30**							
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29023	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		"	"	"	"	
CMT2- Z1 (MOC0735-22) Water	**Sampled: 03/16/05 12:20**	**Received: 03/24/05 08:30**							
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29025	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2- Z2 (MOC0735-23) Water	**Sampled: 03/16/05 12:55**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29025	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		"	"	"	"	
CMT2- Z3 (MOC0735-24) Water	**Sampled: 03/16/05 13:35**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29025	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		"	"	"	"	
CMT2- Z4 (MOC0735-25) Water	**Sampled: 03/16/05 14:20**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29025	03/29/05	03/29/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		"	"	"	"	
CMT2- Z5 (MOC0735-26) Water	**Sampled: 03/16/05 15:10**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29025	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		"	"	"	"	
CMT2- Z6 (MOC0735-27) Water	**Sampled: 03/16/05 15:50**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29025	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		"	"	"	"	
CMT2- Z7 (MOC0735-28) Water	**Sampled: 03/17/05 10:05**		**Received: 03/24/05 08:30**						
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	5C29025	03/29/05	03/30/05	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

MTBE by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3 -Z1 (MOC0735-01) Water	**Sampled: 03/15/05 15:50**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	**69**	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*60-135*		"	"	"	"	
CMT3 -Z2 (MOC0735-02) Water	**Sampled: 03/15/05 12:00**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	**3.5**	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*60-135*		"	"	"	"	
CMT3- Z3 (MOC0735-03) Water	**Sampled: 03/15/05 13:00**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-135*		"	"	"	"	
CMT3 - Z4 (MOC0735-04) Water	**Sampled: 03/15/05 13:40**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-135*		"	"	"	"	
CMT3 - Z5 (MOC0735-05) Water	**Sampled: 03/15/05 14:40**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-135*		"	"	"	"	
CMT3 - Z6 (MOC0735-06) Water	**Sampled: 03/15/05 15:30**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*83 %*	*60-135*		"	"	"	"	
CMT3 - Z7 (MOC0735-07) Water	**Sampled: 03/16/05 11:15**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

MTBE by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT4-2 (MOC0735-08) Water Sampled: 03/17/05 10:28 Received: 03/24/05 08:30									
Methyl tert-butyl ether	**4200**	50	ug/l	100	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*89 %*	*60-135*		"	"	"	"	
CMT4-3 (MOC0735-09) Water Sampled: 03/17/05 11:19 Received: 03/24/05 08:30									
Methyl tert-butyl ether	**1.6**	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-135*		"	"	"	"	
CMT4-4 (MOC0735-10) Water Sampled: 03/17/05 12:06 Received: 03/24/05 08:30									
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*93 %*	*60-135*		"	"	"	"	
CMT4-5 (MOC0735-11) Water Sampled: 03/17/05 12:50 Received: 03/24/05 08:30									
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
CMT4-6 (MOC0735-12) Water Sampled: 03/17/05 13:48 Received: 03/24/05 08:30									
Methyl tert-butyl ether	**0.62**	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*60-135*		"	"	"	"	
CMT4-7 (MOC0735-13) Water Sampled: 03/17/05 14:46 Received: 03/24/05 08:30									
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
PW031705 (MOC0735-14) Water Sampled: 03/17/05 14:46 Received: 03/24/05 08:30									
Methyl tert-butyl ether	**31**	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW 2580 Wyandotte St., Unit G Mountain View CA, 94043	Project:B-N-C Gas Mini Mart Project Number:BNC 103 Project Manager:Joseph Cotton	MOC0735 **Reported:** 04/04/05 16:08

MTBE by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z1 (MOC0735-15) Water	**Sampled: 03/17/05 11:00**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*60-135*		"	"	"	"	
CMT1-Z2 (MOC0735-16) Water	**Sampled: 03/17/05 11:50**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*60-135*		"	"	"	"	
CMT1-Z3 (MOC0735-17) Water	**Sampled: 03/17/05 12:25**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29008	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
CMT1-Z4 (MOC0735-18) Water	**Sampled: 03/17/05 13:05**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29008	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-135*		"	"	"	"	
CMT1-Z5 (MOC0735-19) Water	**Sampled: 03/17/05 13:40**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29008	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
CMT1-Z6 (MOC0735-20) Water	**Sampled: 03/17/05 14:18**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29008	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*60-135*		"	"	"	"	
CMT1-Z7 (MOC0735-21) Water	**Sampled: 03/17/05 15:10**	**Received: 03/24/05 08:30**							
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

MTBE by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2- Z1 (MOC0735-22) Water	**Sampled: 03/16/05 12:20 Received: 03/24/05 08:30**								
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		"	"	"	"	
CMT2- Z2 (MOC0735-23) Water	**Sampled: 03/16/05 12:55 Received: 03/24/05 08:30**								
Methyl tert-butyl ether	**0.50**	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		"	"	"	"	
CMT2- Z3 (MOC0735-24) Water	**Sampled: 03/16/05 13:35 Received: 03/24/05 08:30**								
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		"	"	"	"	
CMT2- Z4 (MOC0735-25) Water	**Sampled: 03/16/05 14:20 Received: 03/24/05 08:30**								
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-135*		"	"	"	"	
CMT2- Z5 (MOC0735-26) Water	**Sampled: 03/16/05 15:10 Received: 03/24/05 08:30**								
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*60-135*		"	"	"	"	
CMT2- Z6 (MOC0735-27) Water	**Sampled: 03/16/05 15:50 Received: 03/24/05 08:30**								
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*60-135*		"	"	"	"	
CMT2- Z7 (MOC0735-28) Water	**Sampled: 03/17/05 10:05 Received: 03/24/05 08:30**								
Methyl tert-butyl ether	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

BTEX by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3 -Z1 (MOC0735-01) Water Sampled: 03/15/05 15:50 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*60-135*		"	"	"	"	
CMT3 -Z2 (MOC0735-02) Water Sampled: 03/15/05 12:00 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*60-135*		"	"	"	"	
CMT3- Z3 (MOC0735-03) Water Sampled: 03/15/05 13:00 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-135*		"	"	"	"	
CMT3 - Z4 (MOC0735-04) Water Sampled: 03/15/05 13:40 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

BTEX by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3 - Z5 (MOC0735-05) Water Sampled: 03/15/05 14:40 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-135*		"	"	"	"	
CMT3 - Z6 (MOC0735-06) Water Sampled: 03/15/05 15:30 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*83 %*	*60-135*		"	"	"	"	
CMT3 - Z7 (MOC0735-07) Water Sampled: 03/16/05 11:15 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29006	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-135*		"	"	"	"	
CMT4-2 (MOC0735-08) Water Sampled: 03/17/05 10:28 Received: 03/24/05 08:30									
Benzene	**5600**	50	ug/l	100	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	**720**	50	"	"	"	"	"	"	
Toluene	**690**	50	"	"	"	"	"	"	
Xylenes (total)	**1300**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*89 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

BTEX by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT4-3 (MOC0735-09) Water	**Sampled: 03/17/05 11:19**	**Received: 03/24/05 08:30**							
Benzene	**52**	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	**3.2**	0.50	"	"	"	"	"	"	
Toluene	**24**	0.50	"	"	"	"	"	"	
Xylenes (total)	**9.4**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-135*		"	"	"	"	
CMT4-4 (MOC0735-10) Water	**Sampled: 03/17/05 12:06**	**Received: 03/24/05 08:30**							
Benzene	**13**	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	**1.5**	0.50	"	"	"	"	"	"	
Toluene	**14**	0.50	"	"	"	"	"	"	
Xylenes (total)	**5.8**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93 %*	*60-135*		"	"	"	"	
CMT4-5 (MOC0735-11) Water	**Sampled: 03/17/05 12:50**	**Received: 03/24/05 08:30**							
Benzene	**3.0**	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	**0.53**	0.50	"	"	"	"	"	"	
Toluene	**3.6**	0.50	"	"	"	"	"	"	
Xylenes (total)	**2.3**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
CMT4-6 (MOC0735-12) Water	**Sampled: 03/17/05 13:48**	**Received: 03/24/05 08:30**							
Benzene	**0.52**	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	**0.62**	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.61**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

BTEX by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT4-7 (MOC0735-13) Water Sampled: 03/17/05 14:46 Received: 03/24/05 08:30									
Benzene	**0.69**	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	**0.96**	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.78**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
PW031705 (MOC0735-14) Water Sampled: 03/17/05 14:46 Received: 03/24/05 08:30									
Benzene	**8.0**	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	**0.70**	0.50	"	"	"	"	"	"	
Toluene	**2.2**	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.5**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-135*		"	"	"	"	
CMT1-Z1 (MOC0735-15) Water Sampled: 03/17/05 11:00 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*60-135*		"	"	"	"	
CMT1-Z2 (MOC0735-16) Water Sampled: 03/17/05 11:50 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29008	03/29/05	03/29/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

BTEX by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z3 (MOC0735-17) Water	**Sampled: 03/17/05 12:25**	**Received: 03/24/05 08:30**							
Benzene	ND	0.50	ug/l	1	5C29008	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
CMT1-Z4 (MOC0735-18) Water	**Sampled: 03/17/05 13:05**	**Received: 03/24/05 08:30**							
Benzene	ND	0.50	ug/l	1	5C29008	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-135*		"	"	"	"	
CMT1-Z5 (MOC0735-19) Water	**Sampled: 03/17/05 13:40**	**Received: 03/24/05 08:30**							
Benzene	ND	0.50	ug/l	1	5C29008	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
CMT1-Z6 (MOC0735-20) Water	**Sampled: 03/17/05 14:18**	**Received: 03/24/05 08:30**							
Benzene	ND	0.50	ug/l	1	5C29008	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

BTEX by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z7 (MOC0735-21) Water Sampled: 03/17/05 15:10 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*60-135*		"	"	"	"	
CMT2- Z1 (MOC0735-22) Water Sampled: 03/16/05 12:20 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		"	"	"	"	
CMT2- Z2 (MOC0735-23) Water Sampled: 03/16/05 12:55 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-135*		"	"	"	"	
CMT2- Z3 (MOC0735-24) Water Sampled: 03/16/05 13:35 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project: B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number: BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager: Joseph Cotton	04/04/05 16:08

BTEX by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2- Z4 (MOC0735-25) Water Sampled: 03/16/05 14:20 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*60-135*		"	"	"	"	
CMT2- Z5 (MOC0735-26) Water Sampled: 03/16/05 15:10 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*60-135*		"	"	"	"	
CMT2- Z6 (MOC0735-27) Water Sampled: 03/16/05 15:50 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*60-135*		"	"	"	"	
CMT2- Z7 (MOC0735-28) Water Sampled: 03/17/05 10:05 Received: 03/24/05 08:30									
Benzene	ND	0.50	ug/l	1	5C29022	03/29/05	03/30/05	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*60-135*		"	"	"	"	

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Conor Pacific/EFW	Project: B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number: BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager: Joseph Cotton	04/04/05 16:08

Purgeable Hydrocarbons by EPA 8015B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C29023 - EPA 5030B [P/T] / EPA 8015B-VOA										
Blank (5C29023-BLK1)				Prepared & Analyzed: 03/29/05						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*42.3*		"	*40.0*		*106*	*80-120*			
Laboratory Control Sample (5C29023-BS1)				Prepared & Analyzed: 03/29/05						
Gasoline Range Organics (C4-C12)	294	50	ug/l	275		107	55-130			
Surrogate: 4-Bromofluorobenzene	*44.9*		"	*40.0*		*112*	*80-120*			
Matrix Spike (5C29023-MS1)	**Source: MOC0735-02**			Prepared & Analyzed: 03/29/05						
Gasoline Range Organics (C4-C12)	248	50	ug/l	275	ND	90	55-130			
Surrogate: 4-Bromofluorobenzene	*45.2*		"	*40.0*		*113*	*80-120*			
Matrix Spike Dup (5C29023-MSD1)	**Source: MOC0735-02**			Prepared & Analyzed: 03/29/05						
Gasoline Range Organics (C4-C12)	226	50	ug/l	275	ND	82	55-130	9	35	
Surrogate: 4-Bromofluorobenzene	*44.5*		"	*40.0*		*111*	*80-120*			
Batch 5C29025 - EPA 5030B [P/T] / EPA 8015B-VOA										
Blank (5C29025-BLK1)				Prepared & Analyzed: 03/29/05						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*42.4*		"	*40.0*		*106*	*80-120*			
Laboratory Control Sample (5C29025-BS1)				Prepared & Analyzed: 03/29/05						
Gasoline Range Organics (C4-C12)	276	50	ug/l	275		100	55-130			
Surrogate: 4-Bromofluorobenzene	*45.9*		"	*40.0*		*115*	*80-120*			
Matrix Spike (5C29025-MS1)	**Source: MOC0714-02**			Prepared & Analyzed: 03/29/05						
Gasoline Range Organics (C4-C12)	281	50	ug/l	275	ND	102	55-130			
Surrogate: 4-Bromofluorobenzene	*47.3*		"	*40.0*		*118*	*80-120*			

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	Reported:
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

Purgeable Hydrocarbons by EPA 8015B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C29025 - EPA 5030B [P/T] / EPA 8015B-VOA										
Matrix Spike Dup (5C29025-MSD1)	**Source: MOC0714-02**			Prepared & Analyzed: 03/29/05						
Gasoline Range Organics (C4-C12)	270	50	ug/l	275	ND	98	55-130	4	35	
Surrogate: 4-Bromofluorobenzene	*48.2*		"	*40.0*		*120*	*80-120*			

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

MTBE by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C29006 - EPA 5030B P/T / EPA 8260B										
Blank (5C29006-BLK1)				Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*4.76*		"	*5.00*		*95*	*60-135*			
Laboratory Control Sample (5C29006-BS1)				Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	11.4	0.50	ug/l	10.0		114	65-125			
Surrogate: 1,2-Dichloroethane-d4	*5.23*		"	*5.00*		*105*	*60-135*			
Laboratory Control Sample (5C29006-BS2)				Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	9.50	0.50	ug/l	9.92		96	65-125			
Surrogate: 1,2-Dichloroethane-d4	*5.30*		"	*5.00*		*106*	*60-135*			
Laboratory Control Sample Dup (5C29006-BSD1)				Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	11.3	0.50	ug/l	10.0		113	65-125	0.9	20	
Surrogate: 1,2-Dichloroethane-d4	*5.42*		"	*5.00*		*108*	*60-135*			
Matrix Spike (5C29006-MS1)	**Source: MOC0479-08**			Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	24900	100	ug/l	1980	23000	96	65-125			E
Surrogate: 1,2-Dichloroethane-d4	*5.30*		"	*5.00*		*106*	*60-135*			
Matrix Spike Dup (5C29006-MSD1)	**Source: MOC0479-08**			Prepared: 03/29/05 Analyzed: 03/30/05						
Methyl tert-butyl ether	24500	100	ug/l	1980	23000	76	65-125	2	20	E
Surrogate: 1,2-Dichloroethane-d4	*5.28*		"	*5.00*		*106*	*60-135*			
Batch 5C29008 - EPA 5030B P/T / EPA 8260B										
Blank (5C29008-BLK1)				Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*5.73*		"	*5.00*		*115*	*60-135*			

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Conor Pacific/EFW 2580 Wyandotte St., Unit G Mountain View CA, 94043	Project:B-N-C Gas Mini Mart Project Number:BNC 103 Project Manager:Joseph Cotton	MOC0735 **Reported:** 04/04/05 16:08

MTBE by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C29008 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5C29008-BS1)				Prepared: 03/29/05 Analyzed: 03/30/05						
Methyl tert-butyl ether	10.9	0.50	ug/l	10.0		109	65-125			
Surrogate: 1,2-Dichloroethane-d4	*5.83*		"	*5.00*		*117*	*60-135*			
Laboratory Control Sample Dup (5C29008-BSD1)				Prepared: 03/29/05 Analyzed: 03/30/05						
Methyl tert-butyl ether	8.31	0.50	ug/l	10.0		83	65-125	27	20	QC21
Surrogate: 1,2-Dichloroethane-d4	*5.67*		"	*5.00*		*113*	*60-135*			
Batch 5C29022 - EPA 5030B P/T / EPA 8260B										
Blank (5C29022-BLK1)				Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.19*		"	*2.50*		*88*	*60-135*			
Laboratory Control Sample (5C29022-BS1)				Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	11.9	0.50	ug/l	10.0		119	65-125			
Surrogate: 1,2-Dichloroethane-d4	*2.36*		"	*2.50*		*94*	*60-135*			
Matrix Spike (5C29022-MS1)	**Source: MOC0735-08**			Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	5410	50	ug/l	1000	4200	121	65-125			
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-135*			
Matrix Spike Dup (5C29022-MSD1)	**Source: MOC0735-08**			Prepared & Analyzed: 03/29/05						
Methyl tert-butyl ether	5260	50	ug/l	1000	4200	106	65-125	3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.19*		"	*2.50*		*88*	*60-135*			

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	**Reported:**
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

BTEX by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C29006 - EPA 5030B P/T / EPA 8260B										
Blank (5C29006-BLK1)				Prepared & Analyzed: 03/29/05						
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.76*		"	*5.00*		*95*	*60-135*			
Laboratory Control Sample (5C29006-BS1)				Prepared & Analyzed: 03/29/05						
Benzene	9.45	0.50	ug/l	10.0		94	65-115			
Ethylbenzene	9.22	0.50	"	10.0		92	75-135			
Toluene	9.33	0.50	"	10.0		93	85-120			
Xylenes (total)	29.2	0.50	"	30.0		97	85-125			
Surrogate: 1,2-Dichloroethane-d4	*5.23*		"	*5.00*		*105*	*60-135*			
Laboratory Control Sample (5C29006-BS2)				Prepared & Analyzed: 03/29/05						
Benzene	5.40	0.50	ug/l	6.40		84	65-115			
Ethylbenzene	8.13	0.50	"	7.52		108	75-135			
Toluene	32.5	0.50	"	31.9		102	85-120			
Xylenes (total)	41.2	0.50	"	36.6		113	85-125			
Surrogate: 1,2-Dichloroethane-d4	*5.30*		"	*5.00*		*106*	*60-135*			
Laboratory Control Sample Dup (5C29006-BSD1)				Prepared & Analyzed: 03/29/05						
Benzene	10.0	0.50	ug/l	10.0		100	65-115	6	20	
Ethylbenzene	9.87	0.50	"	10.0		99	75-135	7	15	
Toluene	9.56	0.50	"	10.0		96	85-120	2	20	
Xylenes (total)	32.0	0.50	"	30.0		107	85-125	9	20	
Surrogate: 1,2-Dichloroethane-d4	*5.42*		"	*5.00*		*108*	*60-135*			
Matrix Spike (5C29006-MS1)	**Source: MOC0479-08**			Prepared & Analyzed: 03/29/05						
Benzene	1790	100	ug/l	1280	600	93	65-115			
Ethylbenzene	1650	100	"	1500	ND	110	75-135			
Toluene	6520	100	"	6380	ND	102	85-120			
Xylenes (total)	8670	100	"	7310	ND	119	85-125			
Surrogate: 1,2-Dichloroethane-d4	*5.30*		"	*5.00*		*106*	*60-135*			

Sequoia Analytical

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Morgan Hill, CA 95037
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Conor Pacific/EFW 2580 Wyandotte St., Unit G Mountain View CA, 94043	Project:B-N-C Gas Mini Mart Project Number:BNC 103 Project Manager:Joseph Cotton	MOC0735 **Reported:** 04/04/05 16:08

BTEX by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C29006 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (5C29006-MSD1)	**Source: MOC0479-08**			Prepared: 03/29/05 Analyzed: 03/30/05						
Benzene	1780	100	ug/l	1280	600	92	65-115	0.6	20	
Ethylbenzene	1600	100	"	1500	ND	107	75-135	3	15	
Toluene	6390	100	"	6380	ND	100	85-120	2	20	
Xylenes (total)	8140	100	"	7310	ND	111	85-125	6	20	
Surrogate: 1,2-Dichloroethane-d4	*5.28*		"	*5.00*		*106*	*60-135*			
Batch 5C29008 - EPA 5030B P/T / EPA 8260B										
Blank (5C29008-BLK1)				Prepared & Analyzed: 03/29/05						
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.73*		"	*5.00*		*115*	*60-135*			
Laboratory Control Sample (5C29008-BS1)				Prepared: 03/29/05 Analyzed: 03/30/05						
Benzene	10.8	0.50	ug/l	10.0		108	65-115			
Ethylbenzene	10.9	0.50	"	10.0		109	75-135			
Toluene	9.62	0.50	"	10.0		96	85-120			
Xylenes (total)	29.8	0.50	"	30.0		99	85-125			
Surrogate: 1,2-Dichloroethane-d4	*5.83*		"	*5.00*		*117*	*60-135*			
Laboratory Control Sample Dup (5C29008-BSD1)				Prepared: 03/29/05 Analyzed: 03/30/05						
Benzene	10.8	0.50	ug/l	10.0		108	65-115	0	20	
Ethylbenzene	10.9	0.50	"	10.0		109	75-135	0	15	
Toluene	9.76	0.50	"	10.0		98	85-120	1	20	
Xylenes (total)	30.0	0.50	"	30.0		100	85-125	0.7	20	
Surrogate: 1,2-Dichloroethane-d4	*5.67*		"	*5.00*		*113*	*60-135*			

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Conor Pacific/EFW 2580 Wyandotte St., Unit G Mountain View CA, 94043	Project:B-N-C Gas Mini Mart Project Number:BNC 103 Project Manager:Joseph Cotton	MOC0735 **Reported:** 04/04/05 16:08

BTEX by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C29022 - EPA 5030B P/T / EPA 8260B										
Blank (5C29022-BLK1)				Prepared & Analyzed: 03/29/05						
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.19*		"	*2.50*		*88*	*60-135*			
Laboratory Control Sample (5C29022-BS1)				Prepared & Analyzed: 03/29/05						
Benzene	11.9	0.50	ug/l	10.0		119	65-115			QC01
Ethylbenzene	10.5	0.50	"	10.0		105	75-135			
Toluene	11.8	0.50	"	10.0		118	85-120			
Xylenes (total)	31.7	0.50	"	30.0		106	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.36*		"	*2.50*		*94*	*60-135*			
Matrix Spike (5C29022-MS1)	**Source: MOC0735-08**			Prepared & Analyzed: 03/29/05						
Benzene	6560	50	ug/l	1000	5600	96	65-115			
Ethylbenzene	1700	50	"	1000	720	98	75-135			
Toluene	1830	50	"	1000	690	114	85-120			
Xylenes (total)	4140	50	"	3000	1300	95	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.41*		"	*2.50*		*96*	*60-135*			
Matrix Spike Dup (5C29022-MSD1)	**Source: MOC0735-08**			Prepared & Analyzed: 03/29/05						
Benzene	6240	50	ug/l	1000	5600	64	65-115	5	20	QC02
Ethylbenzene	1710	50	"	1000	720	99	75-135	0.6	15	
Toluene	1760	50	"	1000	690	107	85-120	4	20	
Xylenes (total)	4220	50	"	3000	1300	97	85-125	2	20	
Surrogate: 1,2-Dichloroethane-d4	*2.19*		"	*2.50*		*88*	*60-135*			

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Conor Pacific/EFW	Project:B-N-C Gas Mini Mart	MOC0735
2580 Wyandotte St., Unit G	Project Number:BNC 103	Reported:
Mountain View CA, 94043	Project Manager:Joseph Cotton	04/04/05 16:08

Notes and Definitions

QC21	The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QC02	The percent recovery was below the control limits.
QC01	The percent recovery was above the control limits.
HC-11	The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Conor Pacific EFW

CHAIN OF CUSTODY

Quotation No.

PROJECT NO.: BNC 103

SITE NAME: B-N-C gas mini mart

SAMPLER(S): S. Gonzalez / C. Mur (printed) (signature)

CONTRACT LABORATORY: SEQUOIA-PETALUMA

TURN-AROUND TIME: STANDARD

EDD required? [X] Yes [ ] No

MOC 0735

ANALYSES: TPH GAS; BTEX (8260) MTBE (8260)

Sample I.D.	Lab I.D.	Collection Date	Collection Time	Matrix	Depth	Container Info	TPH GAS (Type/Vol. VOA 40; Filter N; Preserv. HCl)	BTEX (8260) MTBE (8260) (Type/Vol. VOA 40; Filter N; Preserv. HCl)	Cont. Qty.	Remarks
CMT3-Z1	01	3/15/05	1550	WATER	✓		3	3	6	
CMT3-Z2	02	↓	1200	↓			3	3	6	
CMT3-Z3	03	↓	1300	↓			3	3	6	
CMT3-Z4	04	↓	1340	↓			3	3	6	
CMT3-Z5	05	↓	1440	↓			3	3	6	
CMT3-Z6	06	↓	1530	↓			3	3	6	
CMT3-Z7	07	3/16/05	1115	↓			3	3	6	
CMT4-2	08	3/17/05	1028	↓			3	3	6	
CMT4-3	09	↓	1119	↓			3	3	6	
CMT4-4	10	↓	1206	↓			3	3	6	
CMT4-5	11	↓	1250	↓			3	3	6	
CMT4-6	12	↓	1348	↓			3	3	6	
CMT4-7	13	↓	1446	↓			3	3	6	
RW031705	14		1504				~~3~~	3	3	

Relinquished by: (signature)	Received by: (signature)	Date/Time
[signature]	[signature]	3/21/05 / 1120
Relinquished by: (signature) [signature]	Received by: (signature) [signature]	3-24-05 08:30
Relinquished by: (signature)	Received by: (signature)	Date/Time:

SEND RESULTS TO:
Attn: Joseph Cotton
Conor Pacific/EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043
Phone (650) 386-3828
Fax (650) 386-3815

6°C

... project file

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Conor Pacific
REC. BY (PRINT): J. Pawlak
WORKORDER: MOC 6735

DATE REC'D AT LAB: 3-24-05
TIME REC'D AT LAB: 0830
DATE LOGGED IN: 3-28-05

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*			CMT 3-Z	VOA-6	HCL	—	L	3-15-05	
2. Chain-of-Custody (Present) / Absent*			2						
3. Traffic Reports or Packing List: Present / Absent			3						
4. Airbill: Airbill / (Sticker) Present / Absent			4						
5. Airbill #: Pat - CON			5						
6. Sample Labels: (Present) / Absent			6						
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody			7					↓	
8. Sample Condition: (Intact) / Broken* / Leaking*			CMT 4-Z					3-16-05	
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*			3					3-17-05	
10. Sample received within hold time? (Yes) / No*			4						
11. Adequate sample volume received? (Yes) / No*			5						
12. Proper Preservatives used? (Yes) / No*			6						
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*			7					↓	
14. Temp Rec. at Lab: 3.4 C			BROOS 105	VOA-3				3-16-05	
Is temp 4 +/-2°C? (Yes) / No**			CMT 1-Z	VOA-6					
(Acceptance range for samples requiring thermal pres.)			2						
**Exception (if any): METALS / DFF ON ICE or Problem COC			3						
			4						
			5						
			6						
			7	↓	↓	↓	↓	3-17-05	

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

APPENDIX C

Historical Groundwater Elevations and Analytical Results

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-1	487.00	09/22/88	60.50	426.50		
		08/02/90	43.10	443.90		
		10/10/91	66.39	420.61		
		01/08/92	68.72	418.28		
		05/11/93	34.76	452.24		
		09/21/93	38.70	448.30		
		05/22/94	33.57	453.43		
	484.07	06/19/94	37.51	446.56		
		08/25/94	43.27	440.80		
		11/22/94	40.58	443.49		
		03/13/95	28.06	456.01		
		06/01/95	21.76	462.31		
		02/29/96	18.86	465.21		
		02/01/97	NM	NM		
		07/30/98	25.90	458.17		
		11/05/98	33.23	450.84		
		03/23/99	25.49	458.58		
		06/08/99	27.78	456.29		
		09/27/99	30.65	453.42		
		12/20/99	32.99	451.08		
		03/21/00	23.95	460.12		
		06/21/00	26.55	457.52		
		09/12/00	29.58	454.49		
		12/07/00	30.70	453.37		
		03/21/01	29.80	454.27		
		06/20/01	34.91	449.16		
		09/16/02	37.64	446.43		
		12/23/02	31.54	452.53		
		03/18/03	31.57	452.50		
		06/09/03	30.66	453.41		
		08/04/03	34.15	449.92		
		11/24/03	34.49	449.58		
	483.68	02/16/04	27.54	456.14		
		06/21/04	32.26	451.42		
		09/07/04	36.53	447.15		
		12/13/04	34.12	449.56		
		03/02/05	25.59	458.09		

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-2	483.86	06/19/94	38.15	445.71		
		08/25/94	44.13	-	43.47	0.66
		11/22/94	40.96	-	40.92	0.04
		03/09/95	29.28	-	28.47	0.81
		03/13/95	28.71	-	28.29	0.42
		06/01/95	22.61	461.25		
		02/29/96	20.05	463.81		
		02/01/97	18.30	465.56		
		07/30/98	25.75	-	25.74	0.01
		11/05/98	33.31	450.55		
		03/23/99	25.51	458.35		
		06/08/99	27.54	456.32		
		09/27/99	30.73	453.13		
		12/20/99	33.02	450.84		
		03/21/00	24.13	459.73		
		06/21/00	26.26	457.60		
		09/12/00	29.40	454.46		
		12/08/00	30.60	453.26		
		03/21/01	29.63	454.23		
		06/20/01	34.68	449.18		
		09/16/02	37.42	446.44	37.41	0.01
		12/23/02	31.46	452.40	FP	
		03/18/03	31.42	452.44	FP	
		06/09/03	30.41	453.45		
		08/04/03	33.87	449.99		
		11/24/03	34.29	449.57		
		02/16/04	27.77	456.09		
		06/21/04	32.48	451.38		
		09/07/04	36.69	447.17		
		12/13/04	34.29	449.57		
		03/02/05	25.93	457.93		
MW-3	484.24	06/19/94	37.15	447.09		
		08/25/94	42.31	441.93		
		11/22/94	40.07	444.17		
		03/13/95	27.94	456.30		
		06/01/95	21.31	462.93		
		02/29/96	18.78	465.46		
		02/01/97	16.97	467.27		
		07/30/98	24.88	459.36		
		11/05/98	32.09	452.15		
		03/23/99	24.49	459.75		
		06/08/99	26.77	457.47		
		09/27/99	29.52	454.72		
		12/20/99	31.85	452.39		
		03/21/00	22.95	461.29		
		06/21/00	25.60	458.64		
		09/12/00	28.40	455.84		
		12/07/00	29.56	454.68		
		03/21/01	28.69	455.55		
		06/20/01	33.61	450.63		
		09/16/02	36.30	447.94		
		12/23/02	30.38	453.86		
		03/18/03	30.56	453.68		
		06/09/03	29.51	454.73		
		08/04/03	32.02	452.22		
		11/24/03	33.32	450.92		
		02/16/04	26.93	457.31		
		06/21/04	31.78	452.46		
		09/07/04	35.83	448.41		
		12/13/04	33.44	450.80		
		03/02/05	27.03	457.21		

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-4	485.04	06/19/94	37.49	447.55		
		08/25/94	42.25	442.79		
		11/22/94	40.59	444.45		
		03/13/95	28.00	457.04		
		06/01/95	21.51	463.53		
		02/29/96	18.42	466.62		
		02/01/97	17.47	467.57		
		07/30/98	25.47	459.57		
		11/05/98	32.67	452.37		
		03/23/99	25.09	459.95		
		06/08/99	27.43	457.61		
		09/27/99	30.16	454.88		
		12/20/99	32.52	452.52		
		03/21/00	23.43	461.61		
		06/21/00	26.14	458.90		
		09/12/00	29.03	456.01		
		12/07/00	29.15	455.89		
		03/21/01	29.35	455.69		
		06/20/01	34.40	450.64		
		09/16/02	36.30	448.74		
		12/23/02	30.93	454.11		
		03/18/03	31.11	453.93		
		06/09/03	30.21	454.83		
		08/04/03	33.60	451.44		
		11/24/03	34.04	451.00		
		02/16/04	27.75	457.29		
		06/21/04	32.39	452.65		
		09/07/04	36.51	448.53		
		12/13/04	34.14	450.90		
		03/02/05	25.59	459.45		
MW-5	481.97	02/29/96	19.35	462.62		
		02/01/97	18.19	463.78		
		07/30/98	25.25	456.72	25.24	0.01
		11/05/98	32.70	449.27	32.48	0.22
		03/23/99	25.15	456.82		
		06/08/99	27.27	454.70		
		09/27/99	30.00	451.97		
		12/20/99	32.30	449.67	32.23	0.07
		03/21/00	23.55	458.42		
		06/21/00	26.04	455.93		
		09/12/00	28.90	453.07		
		12/07/00	29.89	452.08		
		03/21/01	29.16	452.81	29.15	0.01
		06/20/01	34.04	447.93	33.89	0.15
		09/16/02	36.70	445.27	36.69	0.01
		12/23/02	31.36	450.61	FP	
		03/18/03	31.45	450.52		
		06/09/03	30.48	451.49		
		08/04/03	33.51	448.46		
		11/24/03	34.31	447.66		
		02/16/04	27.47	454.50		
		06/21/04	31.91	450.06		
		09/07/04	35.83	446.14		
		12/13/04	34.23	447.74		
		03/02/05	25.52	456.45		

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-6	483.93	02/29/96	20.32	463.61		
		02/01/97	18.92	465.01		
		07/30/98	25.59	458.34	25.58	0.01
		11/05/98	NM >28.4	NM		
		03/23/99	25.43	458.50		
		06/08/99	27.43	456.50		
		09/27/99	NM >28.6	NM		
		12/20/99	NM >28.7	NM		
		03/21/00	24.02 *	459.91		
		06/21/00	26.04 *	457.89		
		09/12/00	NM >28.7	NM		
		12/07/00	NM >28.6	NM		
		03/21/01	NM >28.7	NM		
		06/20/01	NM >28.7	NM		
		09/16/02	NM*	NM		
		12/23/02	NM*	NM		
		03/18/03	NM*	NM		
		06/09/03	NM*	NM		
		08/04/03	NM*	NM		
		11/24/03	NM*	NM		
		02/16/04	27.61	456.32		
		06/21/04	NM*	NM		
		09/07/04	NM*	NM		
		12/13/04	NM*	NM		
		03/02/05	NM*	NM		
MW-7	478.14	07/12/99	28.37	449.77		
		09/27/99	30.20	447.94		
		12/20/99	32.44	445.70		
		03/21/00	24.18	453.96		
		06/21/00	26.70	451.44		
		09/12/00	29.28	448.86		
		12/07/00	30.23	447.91		
		03/21/01	29.39	448.75		
		06/02/01	34.38	443.76		
		09/16/02	37.05	441.09		
		12/23/02	31.47	446.67		
		03/18/03	31.39	446.75		
		06/09/03	30.48	447.66		
		08/04/03	33.95	444.19		
		11/24/03	33.98	444.16		
		02/16/04	27.76	450.38		
		06/21/04	32.68	445.46		
		09/07/04	36.77	441.37		
		12/13/04	33.90	444.24		
		03/02/05	26.09	452.05		

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-8	473.23	07/12/99	34.29	438.94		
		09/27/99	37.11	436.12		
		12/20/99	39.79	433.44		
		03/21/00	29.10	444.13		
		06/21/00	31.90	441.33		
		09/12/00	35.75	437.48		
		12/07/00	36.88	436.35		
		03/21/01	35.25	437.98		
		06/02/01	41.78	431.45		
		09/16/02	43.32	429.91		
		12/23/02	38.28	434.95		
		03/18/03	38.28	434.95		
		06/09/03	36.49	436.74		
		08/04/03	40.15	433.08		
		11/24/03	39.85	433.38		
		02/16/04	31.82	441.41		
		06/21/04	39.04	434.19		
		09/07/04	42.92	430.31		
		12/13/04	39.43	433.80		
		03/02/05	30.04	443.19		
MW-9	477.08	07/12/99	30.71	446.37		
		09/27/99	32.61	444.47		
		12/20/99	34.99	442.09		
		03/21/00	26.75	450.33		
		06/21/00	29.28	447.80		
		09/12/00	31.65	445.43		
		12/07/00	32.67	444.41		
		03/21/01	31.47	445.61		
		06/02/01	37.40	439.68		
		09/16/02	39.13	437.95		
		12/23/02	33.89	443.19		
		03/18/03	33.66	443.42		
		06/09/03	32.65	444.43		
		08/04/03	36.09	440.99		
		11/24/03	36.03	441.05		
		02/16/04	29.61	447.47		
		06/21/04	34.97	442.11		
		09/07/04	38.82	438.26		
		12/13/04	35.76	441.32		
		03/02/05	27.91	449.17		

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-10	471.42	07/12/99	34.60	436.82		
		09/27/99	37.62	433.80		
		12/20/99	40.04	431.38		
		03/21/00	29.50	441.92		
		06/21/00	32.19	439.23		
		09/12/00	36.19	435.23		
		12/07/00	37.24	434.18		
		03/21/01	35.77	435.65		
		06/02/01	42.25	429.17		
		09/16/02	44.03	427.39		
		12/23/02	39.02	432.40		
		03/18/03	38.40	433.02		
		06/09/03	37.34	434.08		
		08/04/03	40.78	430.64		
		11/24/03	40.18	431.24		
		02/16/04	32.19	439.23		
		06/21/04	39.45	431.97		
		09/07/04	43.43	427.99		
		12/13/04	39.84	431.58		
		03/02/05	30.36	441.06		
MW-11	464.93	07/12/99	31.00	433.93		
		09/27/99	33.83	431.10		
		12/20/99	35.91	429.02		
		03/21/00	26.41	438.52		
		06/21/00	28.79	436.14		
		09/12/00	32.56	432.37		
		12/07/00	33.40	431.53		
		03/21/01	31.92	433.01		
		06/20/01	38.24	426.69		
		09/16/02	39.87	425.06		
		12/23/02	35.54	429.39		
		03/18/03	34.32	430.61		
		06/09/03	33.65	431.28		
		08/04/03	37.05	427.88		
		11/24/03	36.29	428.64		
		02/16/04	28.75	436.18		
		06/21/04	35.60	429.33		
		09/07/04	39.87	425.06		
		12/13/04	35.88	429.05		
		03/02/05	27.09	437.84		

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-12	458.34	07/12/99	25.50	432.84		
		09/27/99	28.28	430.06		
		12/20/99	30.26	428.08		
		03/21/00	20.70	437.64		
		06/21/00	23.11	435.23		
		09/12/00	27.04	431.30		
		12/07/00	27.67	430.67		
		03/21/01	26.24	432.10		
		06/20/01	32.89	425.45		
		09/16/02	34.63	423.71		
		12/23/02	29.84	428.50		
		03/18/03	28.64	429.70		
		06/09/03	28.06	430.28		
		08/04/03	31.58	426.76		
		11/24/03	30.68	427.66		
		02/16/04	22.98	435.36		
		06/21/04	30.14	428.20		
		09/07/04	34.56	423.78		
		12/13/04	30.39	427.95		
		03/02/05	21.28	437.06		
MW-13	474.79	07/12/99	30.65	444.14		
		09/27/99	32.74	442.05		
		12/20/99	34.98	439.81		
		03/21/00	26.03	448.76		
		06/21/00	28.74	446.05		
		09/12/00	31.62	443.17		
		12/07/00	32.71	442.08		
		03/21/01	31.25	443.54		
		06/20/01	36.55	438.24		
		09/16/02	38.98	435.81		
		12/23/02	33.39	441.40		
		03/18/03	33.44	441.35		
		06/09/03	32.24	442.55		
		08/04/03	35.60	439.19		
		11/24/03	35.60	439.19		
		02/16/04	29.25	445.54		
		06/21/04	34.90	439.89		
		09/07/04	38.75	436.04		
		12/13/04	35.53	439.26		
		03/02/05	27.40	447.39		

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
D-1	464.70	07/12/99	30.67	434.03		
		09/27/99	35.32	429.38		
		12/20/99	36.32	428.38		
		03/21/00	27.84	436.86		
		06/21/00	30.40	434.30		
		09/12/00	34.11	430.59		
		12/07/00	33.97	430.73		
		03/21/01	32.32	432.38		
		06/20/01	41.80	422.90		
		09/16/02	43.53	421.17		
		12/23/02	37.23	427.47		
		03/18/03	35.50	429.20		
		06/09/03	36.20	428.50		
		08/04/03	39.53	425.17		
		11/24/03	35.13	429.57		
		02/16/04	29.36	435.34		
		06/21/04	38.28	426.42		
		09/07/04	42.30	422.40		
		12/13/04	35.82	428.88		
		03/02/05	29.30	435.40		
D-2	457.61	07/12/99	25.72	431.89		
		09/27/99	28.44	429.17		
		12/20/99	29.40	428.21		
		03/21/00	20.91	436.70		
		06/21/00	23.56	434.05		
		09/12/00	27.23	430.38		
		12/07/00	27.98	429.63		
		03/21/01	25.42	432.19		
		06/20/01	34.97	422.64		
		09/16/02	34.80	422.81		
		12/23/02	30.34	427.27		
		03/18/03	28.63	428.98		
		06/09/03	29.35	428.26		
		08/04/03	32.65	424.96		
		11/24/03	28.23	429.38		
		02/16/04	22.53	435.08		
		06/21/04	31.46	426.15		
		09/07/04	35.42	422.19		
		12/13/04	28.96	428.65		
		03/02/05	22.45	435.16		

Table C-1
Historical Groundwater Elevations in Single-Screen Wells
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
(MS)MW-1	477.08	04/19/89	43.50	433.58		
		05/01/89	42.74	434.34		
		08/01/89	43.86	433.22		
		09/01/89	45.35	431.73		
		11/02/89	46.39	430.69		
		02/02/90	45.36	431.72		
		05/02/90	42.58	434.50		
	477.79	03/06/91	41.25	436.54		
		05/02/91	40.05	437.74		
		08/07/91	53.79	424.00		
		11/05/91	59.25	418.54		
		02/21/92	59.27	418.52		
		05/04/92	54.47	423.32		
		02/12/93	52.02	425.77		
		05/04/93	39.42	438.37		
		02/23/95	33.10	444.69		
		04/28/95	26.40	451.39		0.06
		06/02/95	26.16	451.63		0.01
		06/30/95	27.06	450.73		0.01
		07/25/95	28.55	449.24		0.05
		08/07/95	29.49	448.30		0.04
		08/11/95	29.81	447.98		0.03
		08/14/95	29.75	448.04		
		08/16/95	29.95	447.84		
		08/21/96	30.34	447.45		
		08/24/95	30.62	447.17		
		09/13/95	31.92	445.87		
		09/21/95	32.53	445.26		0.18
		07/30/98	30.37	447.42	30.35	0.02
		11/05/98	38.01	439.78	FP	
		03/23/99	29.44	448.35	FP	
		06/08/99	31.70	446.09	FP	
		09/27/99	34.38	443.41		
		12/20/99	37.36	440.43		
		03/21/00	28.22	449.57		
		06/21/00	30.95	446.84		
		09/12/00	33.54	444.25		
		12/07/00	34.56	443.23		
		03/21/01	33.24	444.55	FP	
		06/20/01	39.35	438.44	FP	
		09/16/02	41.07	436.72	41.06	0.01
		12/23/02	35.80	441.99	FP	
		03/18/03	35.82	441.97	FP	
		06/09/03	34.20	443.59		
		08/04/03	38.01	439.78		
		11/24/03	38.01	439.78		
		02/16/04	31.22	446.57		
		06/21/04	37.12	440.67		
		09/07/04	40.92	436.87		
		12/13/04	37.83	439.96		
		03/02/05	29.41	448.38		

Notes:

Data prior to 1998 from RSI quarterly reports. February 1997 date unknown.

MSL = mean sea level

NM = not measured

MS = Mill Springs Park

FP - free product visible in purge or sample water

Some water levels may not be included in this table, as the results were not available when the data was compiled

* Obstruction in well MW-6 at approximately 28.6 feet below top of casing, or as indicated by ">"

** Suspect a measurement error for the water level in well MW-2 on 12/7/00

B&C Gas Mini Mart - Groundwater Hydrograph - Single-Screen Wells

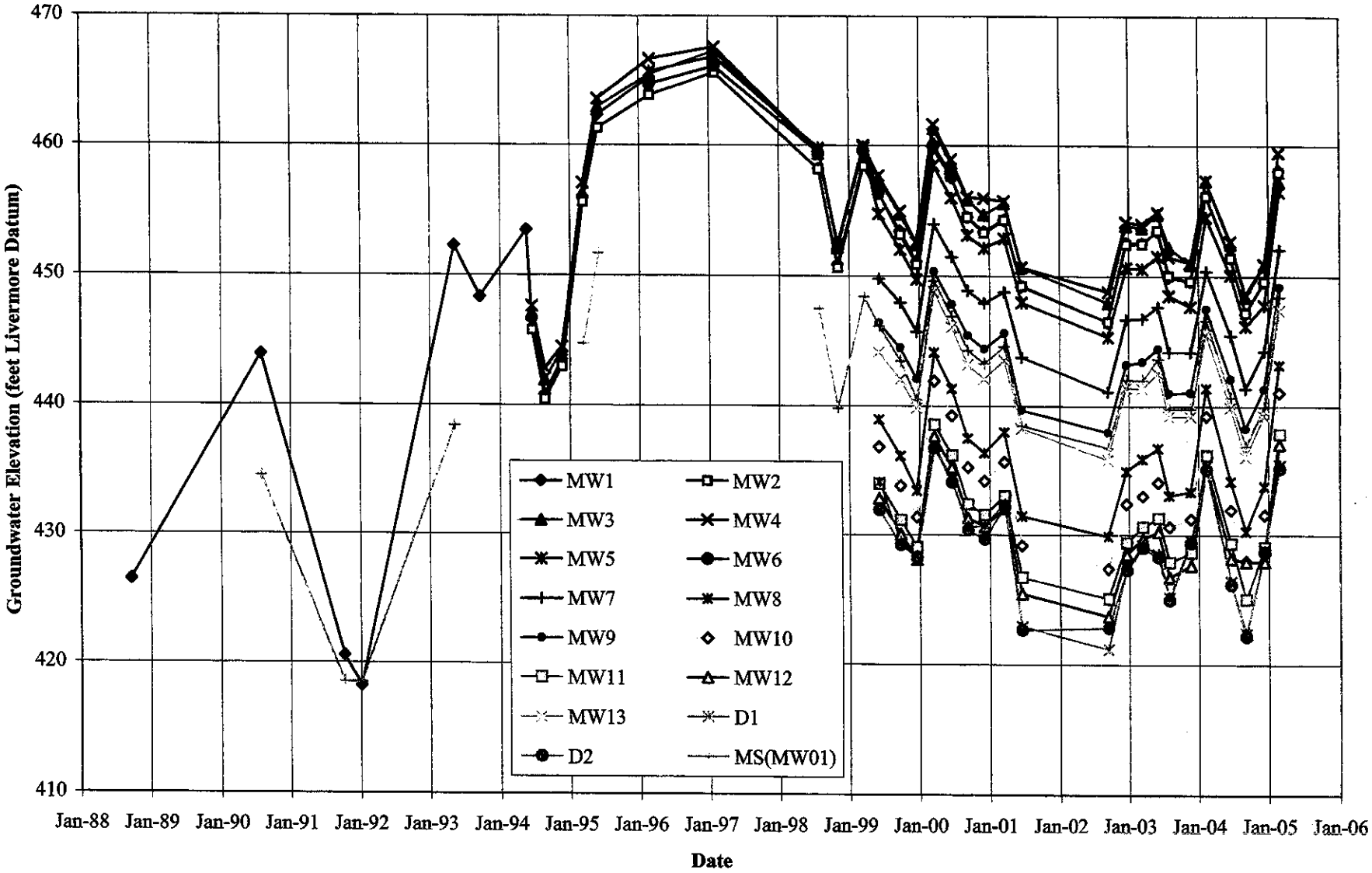

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MW-1	08/02/90	24,000	1,300	1,300	400	2,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	10/10/91	2,000	430	170	100	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	01/08/92	1,000	200	120	30	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	05/11/93	960	66	8	41	90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	09/21/93	1,900	311	118	34	112	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	05/22/94	10,000	690	1,100	340	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	08/26/94	13,000	290	690	120	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	11/22/94	19,000	400	770	230	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	03/13/95	6,000	900	100	980	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	06/21/95	2,400	210	380	53	280	13,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	09/14/95	7,800	69	1,300	220	1,200	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	02/29/96	120	4.2	1.4	4.7	5.6	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	02/01/97	NS*	NS*	NS*	NS*	NS*	NS*	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	07/30/98	1,400	26	110	57	243	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	11/05/98	6,000	230	330	240	1,060	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	03/23/99	6,600	280	420	240	990	60	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	06/08/99	1,630	70.4	51.7	54.6	138	66.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	03/22/00	300	17.6	14.2	9.89	40.7	7.84	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	09/13/00	1,500	105	50.7	46.5	157	45.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	03/19/03	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**
MW-1	06/09/03	6,700	52	32	110	460	4.7	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-1	08/04/03	2,700	150	32	97	450	43	<5	<5	<10	<1,000	<10	<10	<200	NA	NA
MW-1	11/25/03	11,000	27	17	29	140	4.2	<0.5	<0.5	<1	<5,000	<1	<1	<1,000	NA	NA
MW-1	02/17/04	7,200	250	23	210	220	360	<0.5	<0.5	<1	<100	<1	4.6	<20	NA	NA
MW-1	06/22/04	4,800	4.9	1.1	28	110	<0.5	<0.5	<0.5	<0.5	<100	<0.5	<0.5	<20	NA	NA
MW-1	09/07/04	12,000	34.0	5.9	100	510	7.6	<0.5	<0.5	<0.5	<100	<0.5	<0.5	<20	NA	NA
MW-1	12/13/2004	9,600	11	<10	36	190	<10	NA	NA	NA	NA	NA	<10	NA	NA	NA
MW-1	3/12/2005	4,300	<25	<25	<25	160	<25	NA	NA	NA	NA	NA	<25	NA	NA	NA
MW-2	06/19/94	290,000	18,000	36,000	4,600	26,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	08/26/94	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	11/22/94	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	03/13/95	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	06/21/95	25,000	2,300	3,400	720	3,100	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	09/14/95	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	02/29/96	57,000	2,500	650	3,700	3,100	6,500	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MW-2	02/01/97	**20,000**	**860**	**1,500**	**480**	**1,000**	**1,300**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	07/30/98	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	11/05/98	**40,000**	**2,400**	**2,500**	**2,100**	**7,200**	**1,200**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	03/23/99	**22,000**	**780**	**880**	**780**	**1,730**	**300**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	06/08/99	**11,200**	**352**	**454**	**540**	**639**	**343**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	09/28/99	**18,000**	**992**	**331**	**901**	**2,140**	**225**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	12/21/99	**19,200**	**1,340**	**818**	**1,050**	**2,130**	**579**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	03/23/00	**6,340**	**281**	**184**	**233**	**348**	**90.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	06/22/00	**5,820**	**128**	**94.4**	**155**	**161**	**67.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	09/13/00	**18,100**	**981**	**926**	**1,080**	**2,630**	**239**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	12/08/00	**8,010**	**548**	**172**	**453**	**621**	**142**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	03/01/01	**18,800**	**1,300**	**790**	**1,150**	**2,250**	**372**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	06/01/01	**20,000**	**1,800**	**750**	**1,800**	**2,700**	**330**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	09/16/02	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	03/20/03	**10,000**	**608**	**99**	**1,080**	NA	<200	<20	<20	<40	<2000	<40	<40	<2,000	**352**	**27.5**
MW-2	06/10/03	**12,000**	**650**	**94**	**1,100**	**570**	**280**	<50	<50	<100	<10,000	<100	<100	<2,000	NA	NA
MW-2	08/04/03	**12,000**	**300**	**56**	**450**	**230**	**61**	<12	<12	<25	<2,500	<25	<25	<500	NA	NA
MW-2	11/25/03	**6,500**	**310**	**63**	**520**	**180**	**47**	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-2	02/16/04	**8,700**	**590**	**35**	**1,200**	**240**	**640**	<2.5	<2.5	<5	<500	<5	**6.1**	<100	NA	NA
MW-2	06/21/04	**1,200**	**57**	**5.5**	**49**	**15**	**13**	<5	<5	<10	<1,000	<10	<10	<200	NA	NA
MW-2	09/08/04	**4,600**	**300**	**25.0**	**250**	**88**	**41**	<5	<5	<10	<1,000	<10	<10	<200	NA	NA
MW-2	12/13/2004	**3,100**	**120**	**19**	**160**	**120**	**23**	NA	NA	NA	NA	NA	<10	NA	NA	NA
MW-2	3/2/2005	**1,800**	**180**	<25	**210**	**87**	**69**	NA	NA	NA	NA	NA	<100	NA	NA	NA
MW-3	06/19/94	**11,000**	**640**	**580**	**270**	**790**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	08/26/94	**41,000**	**1,600**	**2,300**	**330**	**1,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	11/22/94	**18,000**	**8,000**	**10,000**	**900**	**5,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	03/13/95	**44,000**	**1,600**	**1,300**	**5,000**	**6,600**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	06/21/95	**15,000**	**600**	**1,900**	**490**	**2,600**	**4,200**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	09/14/95	**8,000**	**710**	**1,100**	**180**	**870**	**2,700**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	02/29/96	**13,000**	**230**	**200**	**200**	**1,100**	**1,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	02/01/97	**11,000**	**260**	**550**	**170**	**600**	**900**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	07/30/98	**25,000**	**330**	**1,200**	**490**	**1,860**	**300**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	11/05/98	**26,000**	**400**	**2,100**	**820**	**3,600**	**300**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	03/23/99	**6,900**	**100**	**160**	**110**	**265**	**220**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	06/08/99	**1,210**	**5.4**	**9.0**	**6.9**	**4.3**	**53.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MW-3	03/23/00	**465**	**4.56**	**1.87**	**6.20**	**7.45**	**15.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	09/13/00	**488**	**37.3**	**5.64**	**7.25**	**15.9**	**160**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	03/19/03	**2,300**	**118**	**14.6**	**46.1**	NA	**121**	<0.5	<0.5	<1	<50	<1	<1	<50	**24.1**	**7.57**
MW-3	06/09/03	**870**	**79**	**5.3**	**13**	**10**	**180**	<5	<5	<10	<1,000	<10	<10	<200	NA	NA
MW-3	08/04/03	**530**	**7**	<2.5	**6.8**	**4**	**19**	<2.5	<2.5	<5	<500	<5	<5	<100	NA	NA
MW-3	11/26/03	**970**	**33**	<2.5	**7.2**	**5.7**	**190**	<2.5	<2.5	<5	<500	<5	<5	<100	NA	NA
MW-3	02/18/04	**460**	**8.8**	**0.74**	**4.0**	**2.6**	**32**	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-3	06/22/04	**230**	**1.3**	<0.5	**1.2**	**0.59**	**7.4**	<0.5	<0.5	<0.5	<100	<0.5	<0.5	<20	NA	NA
MW-3	09/08/04	**490**	**4.1**	<0.5	**2.7**	**1.0**	**16**	<0.5	<0.5	<0.5	<100	<0.5	<0.5	<20	NA	NA
MW-3	12/13/2004	**180**	**5.4**	<5.0	<5.0	<5.0	**79**	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-3	3/3/2005	**110**	**2.3**	<1.0	<1.0	<1.0	**3.7**	NA	NA	NA	NA	NA	<1.0	NA	NA	NA
MW-4	06/19/94	**810**	**12**	**25**	<0.5	**22**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	08/26/94	**850**	**37**	**51**	**9.5**	**35**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	11/22/94	**1,700**	**110**	**110**	**5.8**	**58**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	03/13/95	**1,300**	**180**	**8**	**52**	**77**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	06/21/95	ND	**3**	**1**	ND	**1**	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	09/14/95	<50	**0.69**	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	02/29/96	**87**	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	02/01/97	<50	<0.5	<0.5	<0.5	<0.5	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	07/30/98	<50	<0.4	**0.6**	<0.3	**0.8**	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	11/05/98	<50	**0.7**	<0.3	<0.3	<0.8	27	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	03/23/99	<50	<0.4	<0.3	<0.3	<0.8	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	06/08/99	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	03/22/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	09/13/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	03/20/03	<50	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<1	<50	<1	<1	<50	<1	<0.5
MW-4	06/09/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-4	08/04/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-4	11/26/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-4	02/18/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-4	06/23/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	09/08/04	<50	<0.5	<0.5	<0.5	<0.5	**1.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	12/13/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-4	03/03/05	**50**	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	<0.50	NA	NA	NA

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MW-5	10/26/95	**120,000**	**16,000**	**26,000**	**3,100**	**15,000**	**39,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	02/29/96	**47,000**	**3,400**	**4,200**	**860**	**4,100**	**20,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	02/01/97	**28,000**	**1,300**	**1,500**	**480**	**1,000**	**2,200**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	07/30/98	**47,000**	**1,400**	**4,000**	**2,000**	**8,500**	**600**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	11/05/98	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	03/23/99	**36,000**	**1,500**	**2,400**	**1,500**	**5,500**	**900**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	06/08/99	**34,500**	**722**	**1,980**	**1,720**	**7,170**	**765**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	09/28/99	**49,100**	**540**	**2,500**	**1,730**	**8,040**	**255**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	12/21/99	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	03/23/00	**10,700**	**217**	**300**	**332**	**1,480**	**160**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	06/22/00	**23,000**	**537**	**533**	**1,040**	**2,590**	**131*** **	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	09/13/00	**41,300**	**780**	**551**	**1,140**	**3,390**	**243*** **	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	12/08/00	**21,700**	**600**	**328**	**527**	**1,450**	**285*** **	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	03/01/01	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	09/16/02	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	03/20/03	**17,000**	**682**	**36.7**	**936**	NA	**250 - R**	<0.5	<0.5	<1	<50	<1	<1	<50	**620**	**35.2**
MW-5	06/10/03	**23,000**	**770**	<100	**1,000**	**680**	**350**	<100	<100	<200	<20,000	<200	<200	<4,000	NA	NA
MW-5	08/05/03	**17,000**	**1,200**	**100**	**930**	**500**	**980**	<25	<25	<50	<5,000	<50	<50	<1,000	NA	NA
MW-5	11/24/03	**18,000**	**1,300**	**120**	**1,300**	**420**	**690**	<50	<50	<100	<10,000	<100	<100	<2,000	NA	NA
MW-5	02/16/04	**17,000**	**1,000**	**57**	**1,300**	**860**	**360**	<2.5	<2.5	<5	<500	<5	**13**	<100	NA	NA
MW-5	06/21/04	**18,000**	**1,200**	**<50**	**1,300**	**330**	**410**	<50	<50	<100	<10,000	<100	<100	<2,000	NA	NA
MW-5	09/08/04	**18,000**	**1,500**	**130**	**1,600**	**410**	**840**	<50	<50	<100	<10,000	<100	<100	<2,000	NA	NA
MW-5	12/13/2004	**9,600**	**830**	**64**	**1,100**	**190**	**280**	NA	NA	NA	NA	NA	<50	NA	NA	NA
MW-5	3/2/2005	**8,300**	**870**	<100	**1,000**	**890**	**230**	NA	NA	NA	NA	NA	<100	NA	NA	NA
MW-6	10/26/95	**110,000**	**9,900**	**22,000**	**3,200**	**17,000**	**47,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	02/29/96	**23,000**	**2,000**	**460**	**2,900**	**2,600**	**6,300**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	12/01/97	**12,000**	**450**	**780**	**200**	**590**	**790**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	07/30/98	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	11/05/98	NS*	NS*	NS*	NS*	NS*	NS*	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	03/23/99	**5,700**	**240**	**260**	**120**	**440**	**150**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	06/08/99	**7,610**	**259**	**334**	**283**	**567**	**275**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	12/21/99	NS*	NS*	NS*	NS*	NS*	NS*	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	03/22/00	**10,100**	**276**	**170**	**200**	**673**	**159**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	06/22/00	NS*	NS*	NS*	NS*	NS*	NS*	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	03/19/03	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MW-6	06/09/03	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*
MW-6	08/04/03	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*
MW-6	11/24/03	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*
MW-6	02/16/04	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*
MW-7	07/01/99	**5,090**	**31.9**	**4.8**	**60**	**219**	**43.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	09/28/99	**2,160**	**2.8**	**8.2**	**5.9**	**27.3**	**14.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	12/21/99	**2,630**	<2.5	<2.5	**13.8**	**44.9**	**26.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	03/23/00	**624**	<0.5	<0.5	<0.5	**1.61**	**3.87**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	06/22/00	**435**	<0.5	<0.5	**0.875**	**1.28**	**4.87**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	09/13/00	**327**	<0.5	<0.5	**0.602**	**1.56**	**3.77**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	12/08/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	03/01/01	**569**	<0.5	2.05	**0.533**	**0.701**	**4.16**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	06/01/01	**3,900**	**3.5**	**14**	**29**	**55**	**18**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	09/16/02	**4,500**	**47**	**6.8**	**99**	**19**	**120**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	12/23/02	**860**	**12**	**1.3**	**7.6**	**1.9**	**45**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	03/19/03	**500**	**15.1**	**1.22**	**15.8**	NA	**18.8**	<0.5	<0.5	<1	<50	<1	<1	<50	<2	<1
MW-7	06/11/03	**170**	**1.0**	<1	**1.8**	<1	**4.7**	<1	<1	<2	<200	<2	<2	<40	NA	NA
MW-7	08/05/03	**330**	**2.9**	<0.5	**3.9**	<0.5	**11**	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-7	11/25/03	**1,400**	**18**	**1.6**	**17**	**1.3**	**43**	<0.5	<0.5	<1	<100	<1	**1.1**	<20	NA	NA
MW-7	02/17/04	**210**	**1.1**	<0.5	**2.0**	<0.5	**5.1**	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-7	06/23/04	**1,500**	**32**	<10	**35**	<10	**80**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	09/08/04	**2,100**	**20**	<10	**70**	<10	**35**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	12/14/2004	**2,500**	**23**	**1.8**	**43**	**1.4**	**37**	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-7	3/2/2005	**230**	**1.4**	<0.50	**0.76**	<0.50	**7.3**	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-8	06/24/99	<50	<0.5	<0.5	<0.5	<0.5	**88.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	09/28/99	<50	<0.5	<0.5	<0.5	<0.5	**52**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	12/21/99	<50	<0.5	<0.5	<0.5	<0.5	**47.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	03/21/00	<50	<0.5	<0.5	<0.5	<0.5	**4.65**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	06/22/00	<50	<0.5	<0.5	<0.5	<0.5	**5.56**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	09/13/00	<50	<0.5	<0.5	<0.5	<0.5	**14.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	12/07/00	<50	<0.5	<0.5	<0.5	<0.5	**7.83**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	03/01/01	<50	<0.5	<0.5	<0.5	<0.5	**2.93**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	06/01/01	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	09/16/02	<50	**0.52**	<0.5	<0.5	<0.5	**55**	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MW-8	12/23/02	<50	**0.52**	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	03/19/03	<50	<1	<1	<1	NA	**8.81**	<0.5	<0.5	<1	<50	<1	<1	<50	<2	<1
MW-8	06/11/03	<50	<0.5	<0.5	<0.5	<0.5	**5.4**	<0.5	<0.5	<1	<100	<1	<1	<0.5	NA	NA
MW-8	08/05/03	<50	<2.5	<2.5	<2.5	<2.5	**23**	<2.5	<2.5	<5	<500	<5	<5	<100	NA	NA
MW-8	11/25/03	<50	<0.5	<0.5	<0.5	<0.5	**1.7**	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-8	02/17/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-8	12/13/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-9	06/24/99	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	12/21/99	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	03/21/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	09/13/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	09/16/02	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	12/23/02	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	03/20/03	<50	<0.5	<0.5	<0.5	NA	<5	<0.5	<0.5	<1	<50	<1	<1	<50	<1	<0.5
MW-9	06/09/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<0.5	NA	NA
MW-9	08/05/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-9	11/25/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-9	02/17/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-9	12/14/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-10	06/24/99	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	09/28/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	12/21/99	<50	<0.5	<0.5	<0.5	<0.5	**46.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	03/21/00	**52.7**	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	06/21/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	09/13/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	12/07/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	03/01/01	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	06/01/01	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	09/16/02	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	12/23/02	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	03/19/03	<50	<1	<1	<1	NA	<5	<0.5	<0.5	<1	<50	<1	<1	<50	<1	<1
MW-10	06/09/03	<50	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<1	<100	<1	<1	<0.5	NA	NA
MW-10	08/05/03	<50	<0.5	<0.5	<0.5	<0.5	**6.5**	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-10	11/25/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MW-10	02/17/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-10	12/13/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-11	06/28/99	**91**	**0.7**	**2.0**	**1.1**	**2.6**	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	09/28/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	12/21/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	03/22/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	09/13/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	03/18/03	<50	<1	<1	<1	NA	<5	<0.5	<0.5	<1	<50	<1	<1	<50	<1	<1
MW-11	06/10/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<0.5	NA	NA
MW-11	08/05/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-11	11/25/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-11	02/17/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-12	06/28/99	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	09/28/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	12/21/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	03/22/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	06/21/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	09/13/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	12/07/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	03/01/01	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	06/01/01	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	09/16/02	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	12/24/02	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	03/18/03	<50	<1	<1	<1	NA	<5	<0.5	<0.5	<1	<50	<1	<1	<50	<1	<1
MW-12	06/10/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<0.5	NA	NA
MW-12	08/05/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-12	11/24/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-12	02/17/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-12	12/14/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-13	07/12/99	**214**	**42.8**	<0.5	**4.5**	<0.5	**332**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	09/28/99	<100	**5.8**	<1	<1	<1	**160**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	12/21/99	**71**	**6.7**	<0.5	**1.4**	<0.5	**132**	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MW-13	03/21/00	<50	**2.32**	<0.5	<0.5	<0.5	**53.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	06/22/00	<50	**7.83**	<0.5	**0.73**	<0.5	**38.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	09/13/00	<50	**6.01**	<0.5	<0.5	<0.5	**77.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	12/07/00	<50	**1.51**	<0.5	<0.5	<0.5	**25.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	03/01/01	**83.9**	**4.92**	<0.5	<0.5	**1.02**	**64.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	06/01/01	**190**	**14**	<0.5	**4.9**	**0.91**	**100**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	09/16/02	**150**	**7.0**	<0.5	**5.5**	<0.5	**27**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	12/23/02	**210**	**9.3**	<0.5	**5.1**	<0.5	**55**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	03/19/03	**100**	**7.19**	<1	<1	NA	**34.8**	<0.5	<0.5	<1	<50	<1	<1	<50	<1	<1
MW-13	06/11/03	**77**	**4.0**	<0.5	<0.5	<0.5	**28**	<0.5	<0.5	<1	<100	<1	<1	<0.5	NA	NA
MW-13	08/05/03	**240**	**8.4**	<5	<5	<5	**65**	<5	<5	<10	<1,000	<10	<10	<200	NA	NA
MW-13	11/25/03	**170**	**5.6**	<0.5	<0.5	<0.5	**67**	<0.5	<0.5	<1	<100	<1	**1**	<20	NA	NA
MW-13	02/17/04	<50	<0.5	<0.5	<0.5	<0.5	**2.5**	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-13	06/23/04	<50	**0.86**	<0.5	<0.5	<0.5	**12**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	09/08/04	<50	<0.5	<0.5	<0.5	<0.5	**4.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	12/13/04	<50	<0.5	<0.5	<0.5	<0.5	**13**	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
MW-13	03/02/04	<50	<0.5	<0.5	<0.5	<0.5	**1.4**	NA	NA	NA	NA	NA	<0.50	NA	NA	NA
D-1	06/29/99	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1	09/28/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1	12/21/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1	03/22/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1	09/13/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-1	03/18/03	<50	<1	<1	<1	NA	<5	<0.5	<0.5	<1	<50	<1	<1	<50	<1	<1
D-1	06/10/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<0.5	NA	NA
D-1	08/05/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
D-1	11/25/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
D-1	02/17/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
D-2	06/29/99	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	09/28/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	12/21/99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	03/22/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	06/21/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	09/13/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	12/07/00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
D-2	03/01/01	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	06/01/01	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	09/16/02	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	12/24/02	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	03/18/03	<50	<1	<1	<1	NA	<5	<0.5	<0.5	<1	<50	<1	<1	<50	<1	<1
D-2	06/10/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<0.5	NA	NA
D-2	08/05/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
D-2	11/24/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
D-2	02/17/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
D-2	06/23/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	09/08/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-2	12/14/04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	<0.5	NA	NA	NA
D-2	03/03/05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	<0.5	NA	NA	NA
(MS)MW-1	08/01/95	**11,000**	**190**	**260**	**110**	**900**	**210**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	07/30/98	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	11/05/98	**10,000**	**260**	**120**	**500**	**1,100**	**200**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	03/23/99	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	06/08/99	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	12/21/99	**661**	**9.7**	**3.5**	**21.7**	**31.1**	**7.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	03/23/00	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	06/21/00	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	09/13/00	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	12/07/00	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	03/01/01	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	06/01/01	NS**	NS**	NS**	NS**	NS**	NS**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(MS)MW-1	03/19/03	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**
(MS)MW-1	06/11/03	**370**	<1	<1	**1.2**	<1	<1	<1	<1	<2	<200	<2	<2	<40	NA	NA
(MS)MW-1	08/05/03	**1,900**	**25**	<10	**55**	<10	<10	<10	<10	<20	<2,000	<20	<20	<400	NA	NA
(MS)MW-1	11/24/03	**3,000**	**31**	**2.6**	**61**	**7.4**	**8.7**	<2.5	<2.5	<5	<500	<5	<5	<100	NA	NA
(MS)MW-1	02/17/04	**5,700**	**28**	**2.3**	**48**	**4.5**	**8.9**	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA

Notes on last page.

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
SimulProbe Samples																
MW-7-36'	06/16/99	**1,740**	**194**	**18.6**	**103**	<2.5	**593**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7-41'	06/16/99	**45,400**	**524**	**357**	**1,440**	**3,780**	**2,160**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7-46'	06/16/99	**10,800**	**112**	**69.2**	**506**	**1,250**	**527**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7-51'	06/16/99	**24,900**	**173**	**136**	**848**	**2,140**	**1,090**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7-61'	06/17/99	**25,300**	**42.3**	**31.4**	**588**	**1,390**	**271**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8-41'	06/17/99	<50	<0.5	<0.5	**0.979**	<0.5	**32.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8-46'	06/18/99	<50	<0.5	<0.5	<0.5	**1.2**	**137**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8-51'	06/18/99	<50	<0.5	<0.5	**0.514**	**0.611**	**137**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8-56'	06/18/99	<50	<0.5	<0.5	<0.5	<0.5	**7.93**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydropunch Samples																
G-1	08/11/95	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-1	10/11/95	**380**	**61**	**1**	<0.5	**2**	**80**	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-2	10/11/95	**14**	**3**	<0.5	<0.5	<0.5	**9**	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3	10/11/95	**92,000**	**11,000**	**18,000**	**2,200**	**11,000**	**18,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-4	10/11/95	**8,000**	**46**	**24**	**8**	**28**	**150**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-01	08/11/95	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-01	09/13/95	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-02	08/14/95	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-03	08/11/95	<50	**10**	<0.5	<0.5	<0.5	**26**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-04	08/14/95	<50	**9.2**	<0.5	<0.5	**4.8**	**29**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-05	08/11/95	<50	**1,300**	**270**	**43**	**350**	**14,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-05	08/16/95	<50	**340**	<0.5	<0.5	**80**	**4,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-06	08/14/95	<50	**7,700**	**1,100**	**120**	**800**	**67,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-07	08/11/95	<50	**3,200**	**820**	**740**	**1,900**	**14,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-07	09/13/95	<50	**2,800**	**77**	**280**	**510**	**11,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-08	08/11/95	<50	**3,000**	**89**	**140**	**230**	**15,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-08	09/13/95	<50	**2,200**	**61**	**42**	**120**	**8,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-09	08/14/95	<50	<0.5	<0.5	<0.5	**0.8**	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-09	08/16/95	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table C-2
Historical Groundwater Analytical Results - Single Screen Wells, SimulProbe and Hydropunch Samples
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
H-10	08/14/95	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-11	08/14/95	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-4	03/08/95	<50	**57**	**33**	**9**	**42**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-5	03/08/95	<50	**22**	**24**	**8**	**42**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B97-1	09/08/97	<50	**1.2**	<0.50	<0.50	<0.50	**60**	<0.01	<0.50	NA	NA	NA	NA	NA	NA	NA
B97-2	09/09/97	**51**	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
B97-3	09/09/97	**58**	<0.50	<0.50	<0.50	<0.50	**46**	<0.01	<0.50	NA	NA	NA	NA	NA	NA	NA
B97-4	09/10/97	**340**	<0.50	**0.68**	<0.50	<0.50	**470**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B97-5	09/10/97	<50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
ug/l = micrograms per liter
TPH-G = total petroleum hydrocarbons as gasoline
MTBE = methyl tertiary-butyl ether
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert amyl-methyl ether
TBA = Tert-butyl alcohol
MS = Mill Springs Park
NA= not analyzed
NS= not sampled
* = well inaccessible; Well MW-6 not sampled due to an obstruction at approximately 28.6 feet below top of casing
** = free product hydrocarbon present
*** = analytical result from EPA method 8260B
ND = not detected above reporting limit, limit not available
< = less than method reporting limit
R = sample re-analyzed past recommended hold time to correct previous result.
Some analytical results may not be included in this table, as the results were not available when the data was compiled

Table C-3
Groundwater Elevations in Multi-Level Wells - Historical
B & C Gas Mini Mart
Livermore, California

Well No.	Zone No.	Top-of-Casing Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)
			August 11, 2003		August 12, 2003		August 13, 2003		August 18, 2003		August 19, 2003		August 21, 2003	
CMT-1	Z1	469.51	41.81	427.70	42.18	427.33	42.61	426.90	43.03	426.48	43.06	426.45	NM	NM
	Z2		42.75	426.76	43.69	425.82	43.63	425.88	44.05	425.46	43.97	425.54	NM	NM
	Z3		43.34	426.17	43.48	426.03	43.54	425.97	43.81	425.70	43.85	425.66	NM	NM
	Z4		42.76	426.75	43.22	426.29	42.77	426.74	42.93	426.58	43.07	426.44	NM	NM
	Z5		42.79	426.72	42.73	426.78	42.76	426.75	43.04	426.47	43.05	426.46	NM	NM
	Z6		42.94	426.57	42.88	426.63	43.33	426.18	43.29	426.22	43.34	426.17	NM	NM
	Z7		45.38	424.13	45.51	424.00	45.55	423.96	45.90	423.61	45.93	423.58	NM	NM
CMT-2	Z1	470.14	NM	NM	34.48	435.66	34.94	435.20	36.12	434.02	43.33	426.81	NM	NM
	Z2		NM	NM	40.80	429.34	42.37	427.77	43.20	426.94	43.14	427.00	NM	NM
	Z3		NM	NM	NM	NM	43.34	426.80	43.55	426.59	43.67	426.47	NM	NM
	Z4		NM	NM	43.04	427.10	43.06	427.08	43.25	426.89	43.42	426.72	NM	NM
	Z5		NM	NM	43.01	427.13	43.06	427.08	43.23	426.91	43.71	426.43	NM	NM
	Z6		NM	NM	43.10	427.04	43.17	426.97	43.31	426.83	43.52	426.62	NM	NM
	Z7		NM	NM	43.49	426.65	43.54	426.60	43.92	426.22	44.11	426.03	NM	NM
CMT-3	Z1	473.44	NM	NM	NM	NM	NM	NM	40.42	433.02	41.51	431.93	NM	NM
	Z2		NM	NM	NM	NM	NM	NM	42.46	430.98	42.49	430.95	NM	NM
	Z3		NM	NM	NM	NM	NM	NM	43.45	429.99	43.68	429.76	NM	NM
	Z4		NM	NM	NM	NM	NM	NM	45.64	427.80	45.78	427.66	NM	NM
	Z5		NM	NM	NM	NM	NM	NM	45.55	427.89	46.25	427.19	NM	NM
	Z6		NM	NM	NM	NM	NM	NM	45.75	427.69	45.86	427.58	NM	NM
	Z7		NM	NM	NM	NM	NM	NM	46.28	427.16	46.37	427.07	NM	NM
CMT-4	Z1	483.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	24.83	458.55
	Z2		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	33.10	450.28
	Z3		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	33.57	449.81
	Z4		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	33.82	449.56
	Z5		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	33.80	449.58
	Z6		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	39.95	443.43
	Z7		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	41.54	441.84

Notes:
MSL = mean sea level
NM = not measured

Table C-3
Groundwater Elevations in Multi-Level Wells - Historical
B & C Gas Mini Mart
Livermore, California

Well No.	Zone No.	Top-of-Casing Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)
			November 24, 2003		February 16, 2004		June 21, 2004		September 7, 2004		December 13, 2004		March 2, 2005	
CMT-1	Z1	469.51	41.77	427.74	32.97	436.54	40.62	428.89	45.29	424.22	41.18	428.33	31.45	438.06
	Z2		41.89	427.62	34.44	435.07	41.52	427.99	45.89	423.62	41.60	427.91	32.80	436.71
	Z3		41.84	427.67	34.34	435.17	41.55	427.96	45.83	423.68	41.64	427.87	32.88	436.63
	Z4		39.27	430.24	32.89	436.62	41.04	428.47	45.20	424.31	39.77	429.74	31.97	437.54
	Z5		39.20	430.31	32.85	436.66	41.07	428.44	45.46	424.05	39.70	429.81	31.88	437.63
	Z6		39.25	430.26	32.96	436.55	41.17	428.34	45.30	424.21	39.82	429.69	31.99	437.52
	Z7		40.85	428.66	34.18	435.33	43.72	425.79	47.79	421.72	41.13	428.38	33.57	435.94
CMT-2	Z1	470.14	41.45	428.69	31.68	438.46	39.55	430.59	Dry	Dry	40.68	429.46	30.12	440.02
	Z2		41.62	428.52	34.10	436.04	41.37	428.77	44.58	425.56	41.46	428.68	32.57	437.57
	Z3		41.60	428.54	34.13	436.01	41.40	428.74	45.75	424.39	41.50	428.64	32.59	437.55
	Z4		39.71	430.43	33.25	436.89	41.30	428.84	46.60	423.54	40.14	430.00	32.12	438.02
	Z5		39.89	430.25	33.18	436.96	41.29	428.85	47.71	422.43	40.07	430.07	32.12	438.02
	Z6		39.59	430.55	33.27	436.87	41.45	428.69	47.86	422.28	40.16	429.98	32.24	437.90
	Z7		39.68	430.46	33.43	436.71	41.76	428.38	48.33	421.81	40.33	429.81	NM[1]	NM[1]
CMT-3	Z1	473.44	40.92	432.52	32.83	440.61	39.85	433.59	Dry	Dry	40.60	Dry	30.95	Dry
	Z2		40.88	432.56	32.91	440.53	37.65	435.79	44.58	428.86	40.63	432.81	31.04	442.40
	Z3		41.99	431.45	34.20	439.24	41.28	432.16	45.75	427.69	41.71	431.73	32.60	440.84
	Z4		42.21	431.23	35.43	438.01	41.82	431.62	46.60	426.84	42.43	431.01	34.12	439.32
	Z5		43.03	430.41	35.63	437.81	42.52	430.92	47.71	425.73	42.60	430.84	34.78	438.66
	Z6		42.64	430.80	35.63	437.81	43.77	429.67	47.86	425.58	42.68	430.76	34.79	438.65
	Z7		43.53	429.91	35.27	438.17	43.38	430.06	48.33	425.11	42.68	430.76	34.52	438.92
CMT-4	Z1	483.38	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	25.54	Dry	25.40	457.98
	Z2		33.92	449.46	27.45	455.93	31.96	451.42	35.94	447.44	33.74	449.64	25.59	457.79
	Z3		33.64	449.74	27.09	456.29	31.76	451.62	35.88	447.50	33.49	449.89	24.98	458.40
	Z4		33.55	449.83	27.13	456.25	31.87	451.51	36.00	447.38	33.52	449.86	24.96	458.42
	Z5		33.64	449.74	27.11[1]	456.27	31.85	456.27	35.99	456.27	33.52	456.27	24.98	456.27
	Z6		38.44	444.94	31.57	451.81	37.35	446.03	42.13	441.25	38.44	444.94	29.47	453.91
	Z7		40.82	442.56	32.50	450.88	38.00	445.38	42.63	440.75	39.69	443.69	30.48	452.90

Notes:
MSL = mean sea level
NM = not measured

Table C-4
Historical Groundwater Analytical Results for Multi-Level Wells
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl *tert*-butyl ether	1,2-Dibromoethane	1,2-Dichloroethane	Di-isopropyl ether	Ethanol	Ethyl tert-butyl ether	*tert*-Amyl methyl ether	*tert*-Butyl alcohol
CMT-1	Z1	8/18/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Z1	12/3/2003	<50	<0.5	**0.56**	<0.5	<0.5	**7.5**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z1	2/18/2004	<50	<0.5	**0.60**	<0.5	<0.5	**6.3**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z1	6/23/2004	<50	<0.5	<0.5	<0.5	<0.5	**1.8**	NS	NS	NS	NS	NS	NS	NS
	Z1	12/13/2004	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NS	NS	<0.5	NS
	Z1	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NS	NS	NS	NS
	Z2	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	**2.9**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	**2.1**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	2/18/2004	<50	<0.5	<0.5	<0.5	<0.5	**2.2**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	6/22/2004	<50	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<0.5	<100	<0.5	<0.5	<20
	Z2	9/8/2004	<50	<0.5	<0.5	<0.5	<0.5	**0.72**	NS	NS	NS	NS	NS	NS	NS
	Z2	12/14/2004	<50	<0.50	<0.50	<0.50	<0.50	**0.71**	NS	NS	NS	NS	NS	<0.50	NS
	Z2	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NS	NS	NS	NS
	Z3	8/11/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	12/3/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	2/18/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<2	<20
	Z3	12/14/2004	<50	<0.50	<0.50	<0.50	<0.50	<0.5	NS	NS	NS	NS	NS	<0.5	NS
	Z3	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NS	NS	NS	NS
	Z4	8/14/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	12/3/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NS	NS	NS	NS	NS
	Z5	8/12/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z5	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20

Table C-4
Historical Groundwater Analytical Results for Multi-Level Wells
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl *tert*-butyl ether	1,2-Dibromoethane	1,2-Dichloroethane	Di-isopropyl ether	Ethanol	Ethyl tert-butyl ether	*tert*-Amyl methyl ether	*tert*-Butyl alcohol
	Z5	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NS	NS	NS	NS
	Z6	8/12/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NS	NS	NS	NS
	Z7	8/13/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	3/17/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NS	NS	NS	NS
CMT-2	Z1	8/19/2003	<50	<0.5	<0.5	<0.5	<0.5	**2.8**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z1	12/2/2003	<50	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z1	2/18/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z1	12/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z1	3/16/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z2	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	**38**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	12/2/2003	<50	<0.5	<0.5	<0.5	<0.5	**49**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	2/19/2004	<50	<0.5	<0.5	<0.5	<0.5	**2.9**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	6/22/2004	<50	<0.5	<0.5	<0.5	<0.5	**2.7**	<0.5	<0.5	<0.5	<100	<0.5	<0.5	<20
	Z2	9/9/2004	<50	<0.5	<0.5	<0.5	<0.5	**0.83**	NS	NS	NS	NS	NS	NS	NS
	Z2	12/15/2004	<50	<0.5	<0.5	<0.5	<0.5	**0.57**	NS	NS	NS	NS	NS	<0.50	NS
	Z2	3/16/2004	<50	<0.5	<0.5	<0.5	<0.5	**0.50**	NS	NS	NS	NS	NS	NS	NS
	Z3	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	12/2/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	2/19/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20

Table C-4
Historical Groundwater Analytical Results for Multi-Level Wells
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl *tert*-butyl ether	1,2-Dibromoethane	1,2-Dichloroethane	Di-isopropyl ether	Ethanol	Ethyl tert-butyl ether	*tert*-Amyl methyl ether	*tert*-Butyl alcohol
	Z3	12/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	<0.50	NS
	Z3	3/16/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z4	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	12/2/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	12/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	<0.50	NS
	Z4	3/16/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z5	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z5	12/2/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z5	3/16/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z6	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	12/2/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	3/16/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z7	8/19/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	12/3/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	12/3/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	3/17/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
CMT-3	Z1	8/19/2003	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Z1	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	**7.6**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z1	2/18/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z1	12/14/2004	<50	<0.5	<0.5	<0.5	<0.5	**72***	NS	NS	NS	NS	<0.50	NS	NS
	Z1	3/15/2004	**58**	<0.5	<0.5	<0.5	<0.5	**69**	NS	NS	NS	NS	NS	NS	NS

Table C-4
Historical Groundwater Analytical Results for Multi-Level Wells
B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl *tert*-butyl ether	1,2-Dibromoethane	1,2-Dichloroethane	Di-isopropyl ether	Ethanol	Ethyl tert-butyl ether	*tert*-Amyl methyl ether	*tert*-Butyl alcohol
	Z2	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	**34**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	**2.3**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	2/18/2004	<50	<0.5	<0.5	<0.5	<0.5	**4.2**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z2	6/22/2004	<50	<0.5	<0.5	<0.5	<0.5	**2.9**	<0.5	<0.5	<0.5	<100	<0.5	<0.5	<20
	Z2	9/9/2004	<50	<0.5	<0.5	<0.5	<0.5	**1.8**	<0.5	<0.5	<0.5	<100	<0.5	<0.5	<20
	Z2	12/14/2004	<50	<0.5	<0.5	<0.5	<0.5	**0.67**	NS	NS	NS	NS	<0.50	NS	NS
	Z2**	12/14/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	<0.50	NS	NS
	Z2	3/15/2004	<50	<0.5	<0.5	<0.5	<0.5	**3.5**	NS	NS	NS	NS	NS	NS	NS
	Z3	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	**2.6**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	2/18/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	12/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	<0.50	NS	NS
	Z3	3/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z4	8/18/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	3/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z5	8/18/2003	<50	<0.5	**0.56**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z5	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z5	3/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z6	8/19/2003	<50	<0.5	**0.51**	<0.5	<0.5	**0.56**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	3/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS
	Z7	8/21/2003	<50	<0.5	<0.5	<0.5	<0.5	**1.0**	<0.5	<0.5	<1	<100	<1	<1	<20

Table C-4
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B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl *tert*-butyl ether	1,2-Dibromoethane	1,2-Dichloroethane	Di-isopropyl ether	Ethanol	Ethyl tert-butyl ether	*tert*-Amyl methyl ether	*tert*-Butyl alcohol
	Z7	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	3/16/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	NS	NS	NS	NS	NS

Table C-4
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B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl *tert*-butyl ether	1,2-Dibromoethane	1,2-Dichloroethane	Di-isopropyl ether	Ethanol	Ethyl tert-butyl ether	*tert*-Amyl methyl ether	*tert*-Butyl alcohol
CMT-4	Z1	8/18/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Z1	12/1/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Z2	8/21/2003	**430**	**20**	**21**	<2.5	**9.1**	**12**	<2.5	<2.5	<5	<500	<5	<5	<100
	Z2	12/2/2003	**32,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Z2	2/18/2004	**7,100**	**3,000**	**1,200**	**180**	**690**	**3,300**	<5	<5	<10	<1,000	<10	**120**	<200
	Z2	12/15/2004	**12,000**	**2,900**	**660**	**140**	**420**	**4,100**	NS	NS	NS	NS	NS	<50	NS
	Z2	3/17/2004	**15,000**	**5,600**	**690**	**720**	**1300**	**4,200**	NS	NS	NS	NS	NS	NS	NS
	Z3	8/21/2003	**170**	**4.8**	**17**	**7.8**	**35**	**2.0**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	12/1/2003	**110**	**15**	**11**	**3.9**	**6.6**	**1.6**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	2/19/2004	**130**	**23**	**19**	**1.3**	**5.0**	**0.75**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z3	12/14/2004	**320**	**62**	**26**	**3.1**	**9.1**	**6.4**	NS	NS	NS	NS	NS	<1	NS
	Z3	3/17/2004	**180**	**52**	**24**	**3.2**	**9.4**	**1.6**	NS	NS	NS	NS	NS	NS	NS
	Z4	8/21/2003	**94**	**1.6**	**5.0**	**1.6**	**10**	**1.2**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	12/1/2003	<50	**2.8**	**3.5**	<0.5	**0.84**	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	2/18/2004	**93**	**23**	**25**	**2.0**	**7.1**	0.60	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	12/14/2004	**120**	**29**	**13**	**1.3**	**4.7**	**4.2**	NS	NS	NS	NS	NS	<1	NS
	Z4	3/17/2004	**54**	**13**	**14**	**1.5**	**5.8**	<0.50	NS	NS	NS	NS	NS	NS	NS
	Z5	8/21/2003	**130**	**1.3**	**3.9**	**1.3**	**17**	**0.73**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z5	12/1/2003	<50	<0.5	**0.52**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z5	2/19/2004	<50	**0.74**	**1.5**	<0.5	**0.81**	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z5	12/14/2004	**74**	**160(E)**	**230(E)**	**66(E)**	**310(E)**	**100(E)**	NS	NS	NS	NS	NS	<1	NS
	Z5***	12/14/2004	**74**	<2.5	**4.4**	**3.0**	**0.81**	**150**	NS	NS	NS	NS	NS	<1	NS
	Z5	3/17/2004	**<50**	**3.0**	**3.6**	**0.53**	**2.3**	<0.50	NS	NS	NS	NS	NS	NS	NS

Table C-4
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B&C Gas Mini Mart
Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl *tert*-butyl ether	1,2-Dibromoethane	1,2-Dichloroethane	Di-isopropyl ether	Ethanol	Ethyl tert-butyl ether	*tert*-Amyl methyl ether	*tert*-Butyl alcohol
	Z6	8/21/2003	**140**	**6.0**	**8.8**	**0.63**	**41**	**3.7**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	12/1/2003	<50	<0.5	<0.5	<0.5	**0.59**	**0.57**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	2/18/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z6	3/17/2004	<50	**0.52**	**0.62**	<0.50	**0.61**	**0.62**	NS	NS	NS	NS	NS	NS	NS
	Z7	8/21/2003	**220**	**4.7**	**8.0**	**1.2**	**43**	**2.9**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	12/1/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	3/17/2004	<50	**0.69**	**0.96**	<0.5	**0.78**	<0.5	NS	NS	NS	NS	NS	NS	NS

Table C-4
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Livermore, California

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl *tert*-butyl ether	1,2-Dibromoethane	1,2-Dichloroethane	Di-isopropyl ether	Ethanol	Ethyl tert-butyl ether	*tert*-Amyl methyl ether	*tert*-Butyl alcohol

Notes on next page.

Notes:

TPH-G = total petroleum hydrocarbons as gasoline

NA = not analyzed because of insufficient water present to collect required sample

NS = not sampled because of insufficient water present to collect sample

E = Estimated value

< = less than the laboratory reporting limit