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Transmittal

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

From: Katrin Schliewen

Date: January 14, 2004

Proj. No.: BNC103

Copies	Description	Sent by:
2	Fourth Quarter 2003 Groundwater Monitoring Results, B&C Gas Mini Mart, 2008 First Street, Livermore, California (Station ID 1689)	☒ *Regular Mail* ☐ *FedEx* ☐ *Courier* ☐ *Other*

Comments:

Alameda County
JAN 15 2004
Environmental Health

cc:

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(1)	SWRCB, UST Fund (sent to Mr. Angle for submittal to UST Fund)	☐ *Other*

FOURTH QUARTER 2003
GROUNDWATER MONITORING RESULTS
B&C Gas Mini Mart
Livermore, California

Prepared by

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

January 2004

Project BNC 103

Conor Pacific

January 15, 2004
Project No. BNC103

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

Re: Fourth Quarter 2003 Groundwater Monitoring Results, B&C Gas Mini Mart, 2008 First Street, Livermore, California (Station ID 1689)

Dear Mr. Angle:

Conor Pacific has compiled fourth quarter 2003 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.

All of the sixteen on- and off-site monitoring wells were scheduled for sampling during this quarter, as requested by the Alameda County Environmental Health (ACEH).[1] Well MW-6 was not sampled, because of an obstruction in the well casing.

Four newly installed multi-level groundwater monitoring wells were sampled as part of the fourth quarter 2003 routine monitoring event; analytical results are presented herein.

In addition to the routine groundwater monitoring conducted in on- and off-site wells, a one-time sampling of well 8K2 was conducted during fourth quarter 2003. Well 8K2 is a California Water Service Company water level monitoring well located on P Street, approximately 740 feet north of the Union Pacific Railroad, and approximately 2,300 feet downgradient of the B&C site. Well 8K2 was sampled to verify the quality of groundwater at a point further downgradient of the existing monitoring well network.

Additional Subsurface Investigations

Additional subsurface investigations were conducted during July and August 2003, including the drilling and installation of four new multi-level groundwater monitoring wells (CMT-1 through CMT-4). A March 2003 workplan proposing the additional work outlined that the additional subsurface investigations would help to (1) better define the source area, (2) better characterize the geologic and hydrogeologic environment controlling the contaminant fate and transport, (3) improve the delineation of the

[1] Alameda County Environmental Health Services (ACEHS), 2003. Fuel Leak Case No. R0278, Desert Petroleum/BP Oil, 2008 1st Street, Livermore, CA. Letter prepared by Donna Drogos and dated January 22, 2003.

downgradient, lateral and vertical extent of the plume, (4) estimate the mass flux of MTBE to water supply well CWS#8, and (5) evaluate the potential for vertical migration of the plume to the water supply aquifer.[2]

A well installation report describing the rationale of the new well locations and depths, the methods used to drill and construct the wells, and presenting the analytical results from the first sampling event (August 2003), will be submitted separately. This report also will include a discussion of the ongoing site characterization based on previous and current investigations and analytical results. As part of the site characterization work, four groundwater samples were analyzed for attenuation parameters; analytical results are included in this report as a separate table but will be discussed further in the pending well installation and site characterization report.

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 and is 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.[3]

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[2] Conor Pacific, *Workplan for Additional Site Characterization and Downgradient Investigation, B&C Gas Mini Mart, 2008 First Street, Livermore, California*, March 5, 2003

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

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).[4]

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.[5] 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 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 a 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).[6] 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-

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

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

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

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 on July 30, 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.

Over the time period monitored, the absorbent socks have removed sufficient product to reduce the free product thickness to a 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 so the absorbent sock was replaced 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 re-installed and lowered to intersect the water table. During the last four monitoring events, including the current one, product sheen continues to be observed in the purge water 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

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 all site wells. No measurable free product was observed. However, sheen was observed during the purging

of wells MW-1, MW-2, and MW-5, and during the purging of well (MS)MW-1, sheen and the presence of small brown globules (approximately 1 to 2 millimeters in diameter) of free product were observed. There was insufficient free product present to measure the product thickness using the product probe which can measure a minimum thickness of 0.01 feet of product.

Groundwater Elevations

On November 24, 2003, 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,[7] and 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 2a and 2b 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 shown in Figure 3. Water levels measured in zone 2 of the multi-level wells were used to complete the equipotential contours presented on Figure 3. Compared to the previous quarter groundwater level measurements conducted in August 2003, current groundwater elevations are approximately 0.4 to 1.3 feet lower in on-site wells and up to 0.9 feet higher in downgradient wells. Groundwater elevations measured in the two deep zone monitoring wells (D-1 and D-2) are approximately 4 feet higher than were measured during the previous quarter. 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.

A vertically upward gradient was observed between the upper water-bearing zone (MW-11 and MW-12) and the semi-confined aquifer (D-1 and D-2) this quarter. Normally, a vertically downward gradient is observed between these wells.

Sampling Methods

Conor Pacific sampled 15 of the 16 single-screen monitoring wells on November 24 through 26, 2003 (MW-1, MW-2, MW-3, MW-4, MW-5, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, D-1, D-2, and (MS)MW-1), and 27 of the 28 zones in the multi-level monitoring wells. Well MW-6 was not sampled because of an obstruction in the well casing. Zone 1 in CMT-4 was not sampled because it was dry. Zone 2 of CMT-4 was sampled but only for TPH-G because there was insufficient water present for the BTEX and oxygenate analyses.

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

All single-screen wells sampled during fourth quarter, except for well MW-4, were purged with a one-use weighted disposable polyethylene bailer. Well MW-4 was purged using an electric submersible pump. One casing volume was purged from each single-screen well prior to collecting a groundwater sample. Samples were collected from each well, including MW-4, using a disposable bailer.

Each zone in the multi-level wells was purged and sampled using inertial lift methods where a 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.

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 fourth quarter 2003 groundwater sampling event was completed, a composite sample was collected from the drummed purge water on December 9, 2003 (PW 120903). The purge water will be discharge into a sewer clean-out line in accordance with City of Livermore Water Resources Division discharge permit no. 1502G (2002-2003) which expires July 2004. 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, composite purge water sample PW 120903 contained a total organic compound concentration of 59 µg/L, well within the permit conditions.

Analytical Program

Sequoia Analytical of Petaluma, California, a state-certified laboratory, performed all groundwater analyses. Groundwater samples were analyzed for TPH-G, benzene, toluene, ethylbenzene, and total xylenes (BTEX) by U.S. Environmental Protection Agency (EPA) Method 8015B, and for oxygenates (methyl tertiary-butyl ether [MTBE], 1,2-dibromoethane [EDB], 1,2-dichloroethane [EDC], di-isopropyl ether [DIPE], ethanol [EtOH], ethyl tert-butyl ether [ETBE], tert-amyl methyl ether [TAME], and tert-butyl alcohol [TBA]) by EPA Method 8260B.[8]

Four groundwater samples also were analyzed for natural attenuation parameters as part of the ongoing site characterization effort. The attenuation parameters were: dissolved iron, dissolved manganese, alkalinity (total, carbonate, bicarbonate, hydroxide), carbon dioxide, nitrate and nitrite as nitrogen, and sulfate.

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[8] Alameda County Environmental Health (ACEH). 2003. Fuel Leak Case No. R0278, Desert Petroleum/BP Oil, 2008 1st Street, Livermore, CA. Letter dated January 22, 2003 prepared by Donna Drogos.

Laboratory analyses occurred within specified holding times, and with few exceptions, within laboratory quality control standards. The following quality control issues were noted in the certified analytical reports regarding quality control. The sample collected for TPH-G analysis from well (MS)MW-1 contained free product floating on the surface, the laboratory analyzed a sampled collected from beneath that surface. The laboratory reported that TBA and ethanol in the samples from wells MW-2 and MW-3 could not be accurately quantified because of a coeluting organic compound. However, neither compound was expected to be detected or was detected. The certified analytical reports are located in Appendix B.

Analytical Results

Analytical results for fourth quarter 2003 are summarized in Table 3a for single-screen wells and in Table 3b for multi-level wells. Table 4 summarizes analytical results for natural attenuation parameters. Benzene and MTBE concentrations are presented on Figure 4, and used to define the greater than 1 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 nine 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. Seasonal changes in hydrocarbon concentrations are evident, probably a reflection of seasonal water level fluctuations.

During the fourth quarter 2003, other than MTBE and two instances of low concentration TAME detections, no fuel oxygenates were detected in any of the monitoring wells sampled. No hydrocarbons or fuel oxygenates were detected in upgradient monitoring well MW-4, and none were detected in downgradient monitoring wells MW-9, MW-10, MW-11, MW-12, D-1, and D-2. The newly installed downgradient multi-level wells (CMT-1, CMT-2, and CMT-3) showed that no hydrocarbons or fuel oxygenates were detected in any of the deeper zones (3 through 7), indicating that contaminant migration is limited to the upper water bearing zone above the aquitard. Also, no hydrocarbons or fuel oxygenates were detected in downgradient off-site well 8K2.

Detections in On-Site Wells

Site wells MW-1, MW-2, and MW-5 continue to have the highest hydrocarbon and MTBE concentrations. Newly installed site well CMT-4 had an elevated hydrocarbon concentration (TPH-G) in the sample collected from zone 2. TPH-G, BTEX, and MTBE were detected in zone 3 of CMT-4. Zones 4, 5, and 6 had low or trace BTEX or MTBE concentrations. As will be discussed further in the well installation report (pending), these low concentrations likely are a result of mixing of contaminated groundwater from upper zones within the borehole during drilling and well installation. These detections are expected to disappear over time.

Detections in Downgradient Wells

Downgradient of the site, TPH-G, BTEX compounds, MTBE, and/or TAME were detected in single-screen monitoring wells (MS)MW-1, MW-7, MW-8, and MW-13 (Table 3a), and MTBE was detected in zones 1 and 2 of the three multi-level monitoring wells (CMT-1, CMT-2, and CMT-3) (Tables 3b).

TPH-G concentrations of 170 µg/L, 1,400 µg/L, and 3,000 µg/L were detected in wells MW-13, MW-7, and (MS)MW-1, respectively. BTEX concentrations ranged from 1.6 to 61 µg/L in wells MW-7, MW-13, and (MS)MW-1, and MTBE was detected in these same wells and also in well MW-8, at concentrations ranging from 1.7 to 67 µg/L. The oxygenate TAME was detected for the first time in groundwater from the site, at concentrations at or just above the reporting limit (1.0 µg/L), in wells MW-7 (1.1 µg/L) and MW-13 (1.0 µg/L). The TAME detections likely are a results of lower laboratory detection limits during this monitoring event.

The newly installed multi-level wells CMT-1, CMT-2, and CMT-3 help to better define the downgradient extent and direction of the MTBE plume, now shown to be a few degrees north of west (approximately W15°N) rather than more directly west as was indicated by past information (approximately W5°N toward California Water Supply well #8). MTBE was detected in zones 1 and 2 of each of the three new multi-level wells, at concentrations ranging from 1.1 to 49 µg/L, with the highest concentration detected in the sample from zone 2 of the center well CMT-2 (approximately 1,600 feet downgradient of the site). The trace toluene concentration detected in zone 1 of CMT-1 is considered a false positive result, likely due to laboratory or field contamination.

SUMMARY

Fourth quarter 2003 groundwater monitoring results from the single-screen wells are consistent with previous monitoring results. The analytical results from the new multi-level well installed on-site (CMT-4) agree with other on-site monitoring wells. The low concentration and trace detections in samples from zones beneath the aquitard in well CMT-4 are considered to be caused by groundwater mixing during the drilling and well installation process and are expected to disappear over time. These results will be discussed in greater detail in the pending well installation report.

The three multi-level wells newly installed downgradient of the site help to better define the extent and direction of the MTBE plume. The MTBE plume appears to be migrating in a direction approximately W15°N downgradient of the site. The highest MTBE concentration detected in the downgradient CMT wells (49 µg/L in zone 2 of CMT-2) is approximately 1,600 feet downgradient of the site.

A one-time sample collected from off-site well 8K2 located further downgradient from all site wells did not contain any hydrocarbons or oxygenates.

A proposal to reduce the number of wells sampled will be presented in the site characterization report. Pending approval for a reduction in the monitoring program, first quarter 2004 groundwater monitoring, including the four newly installed multi-level wells, currently is scheduled for February 16 through 20, 2004.

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

Sincerely,
Conor Pacific

Katrin Schliewen
Project Hydrogeologist

Kris H. Johnson, C.E.G. 1763
Senior Engineering Geologist

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 Constructions
Table 1b - Multi-Level Monitoring Well Constructions
Table 2a - Groundwater Elevations in Single-Screen Wells - Fourth Quarter 2003
Table 2b - Groundwater Elevations in Multi-Level Wells - Fourth Quarter 2003
Table 3a - Groundwater Analytical Results in Single-Screen Wells - Fourth Quarter 2003
Table 3b - Groundwater Analytical Results in Multi-Level Wells - Fourth Quarter 2003
Table 4 - Natural Attenuation Parameters - Fourth Quarter 2003

Figures

Figure 1 - Site Location
Figure 2 - Site Plan
Figure 3 - Well Locations and Groundwater Contours (November 2003)
Figure 4 - Groundwater Chemistry (November and December 2003)

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.

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
Mulit-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 Elevations in Single-Screen Wells - Fourth Quarter 2003
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
		November 24, 2003		November 24, 2003	
MW-1	484.07	34.49	449.58	NM	NM
MW-2	483.86	34.29	449.57	NM	NM
MW-3	484.24	33.32	450.92	NM	NM
MW-4	485.04	34.04	451.00	NM	NM
MW-5	481.97	34.31	447.66	NM	NM
MW-6	483.93	NM*	NM*	NM*	NM*
MW-7	478.14	33.98	444.16	NM	NM
MW-8	473.23	39.85	433.38	NM	NM
MW-9	477.08	36.03	441.05	NM	NM
MW-10	471.42	40.18	431.24	NM	NM
MW-11	464.93	36.29	428.64	NM	NM
MW-12	458.34	30.68	427.66	NM	NM
MW-13	474.79	35.60	439.19	NM	NM
D-1	464.70	35.13	429.57	NM	NM
D-2	457.61	28.23	429.38	NM	NM
(MS)MW-1	477.79	38.01	439.78	NM	NM

Notes:

MSL = mean sea level

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

MS = Mill Springs Park

* Obstruction in well MW-6 at approximately 28.5 feet below top of casing

Table 2b
Groundwater Elevations in Multi-Level Wells - Fourth Quarter 2003
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 Free product (feet)	Product Thickness (feet)
			November 24, 2003		November 24, 2003	
CMT-1	Z1	469.51	41.77	427.74	NM	NM
	Z2		41.89	427.62	NM	NM
	Z3		41.84	427.67	NM	NM
	Z4		39.27	430.24	NM	NM
	Z5		39.20	430.31	NM	NM
	Z6		39.25	430.26	NM	NM
	Z7		40.85	428.66	NM	NM
CMT-2	Z1	470.14	41.45	428.69	NM	NM
	Z2		41.62	428.52	NM	NM
	Z3		41.60	428.54	NM	NM
	Z4		39.71	430.43	NM	NM
	Z5		39.89	430.25	NM	NM
	Z6		39.59	430.55	NM	NM
	Z7		39.68	430.46	NM	NM
CMT-3	Z1	473.44	40.92	432.52	NM	NM
	Z2		40.88	432.56	NM	NM
	Z3		41.99	431.45	NM	NM
	Z4		42.21	431.23	NM	NM
	Z5		43.03	430.41	NM	NM
	Z6		42.64	430.80	NM	NM
	Z7		43.53	429.91	NM	NM
CMT-4	Z1	483.38	Dry	Dry	Dry	Dry
	Z2		33.92	449.46	NM	NM
	Z3		33.64	449.74	NM	NM
	Z4		33.55	449.83	NM	NM
	Z5		33.64	449.74	NM	NM
	Z6		38.44	444.94	NM	NM
	Z7		40.82	442.56	NM	NM

Notes:

MSL = mean sea level

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

MS = Mill Springs Park

Table 3a
Groundwater Analytical Results in Single-Screen Wells - Fourth Quarter 2003
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl benzene (µg/L)	Xylenes (total) (µg/L)	Methyl tert-butyl ether (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloroethane (µg/L)	Di-isopropyl ether (µg/L)	Ethanol (µg/L)	Ethyl tert-butyl ether (µg/L)	tert-Amyl methyl ether (µg/L)	tert-Butyl alcohol (µg/L)
MW-1	11/25/2003	**11,000**	**27**	**17**	**29**	**140**	**4.2**	<0.5	<0.5	<1	<5,000	<1	<1	<1,000
MW-2	11/25/2003	**6,500**	**310**	**63**	**520**	**180**	**47**	<0.5	<0.5	<1	<100	<1	<1	<20
MW-3	11/26/2003	**970**	**33**	<2.5	**7.2**	**5.7**	**190**	<2.5	<2.5	<5	<500	<5	<5	<100
MW-4	11/26/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
MW-5	11/24/2003	**18,000**	**1,300**	**120**	**1,300**	**420**	**690**	<50	<50	<100	<10,000	<100	<100	<2,000
MW-6	11/24/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	11/25/2003	**1400**	**18**	**1.6**	**17**	**1.3**	**43**	<0.5	<0.5	<1	<100	<1	**1.1**	<20
MW-8	11/25/2003	<50	<0.5	<0.5	<0.5	<0.5	**1.7**	<0.5	<0.5	<1	<100	<1	<1	<20
MW-9	11/25/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
MW-10	11/25/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
MW-11	11/25/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
MW-12	11/24/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
MW-13	11/25/2003	**170**	**5.6**	<0.5	<0.5	<0.5	**67**	<0.5	<0.5	<1	<100	<1	**1.0**	<20
D-1	11/25/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
D-2	11/24/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
(MS)MW-1	11/24/2003	**3,000**	**31**	**2.6**	**61**	**7.4**	**8.7**	<2.5	<2.5	<5	<500	<5	<5	<100

Notes:

µg/L = micrograms per liter

TPH-G = total petroleum hydrocarbons as gasoline

MS = Mill Springs Park Apartments

NA = nat analyzed

NS = not sampled

< = less than the laboratory reporting limit

* Obstruction in well MW-6 at approximately 28.5 feet below top of casing

Table 3a
Additional Sampling Locations - Fourth Quarter 2003 Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl benzene (µg/L)	Xylenes (total) (µg/L)	Methyl tert-butyl ether (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloroethane (µg/L)	Di-isopropyl ether (µg/L)	Ethanol (µg/L)	Ethyl tert-butyl ether (µg/L)	tert-Amyl methyl ether (µg/L)	tert-Butyl alcohol (µg/L)
8K2	12/3/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
PW 120903	12/9/2003	**NA**	**10**	<10	<10	<10	**49**	<10	<10	<10	<10	<10	<10	<10

Notes:
µg/L = micrograms per liter
TPH-G = total petroleum hydrocarbons as gasoline
NA = nat analyzed
< = less than the laboratory reporting limit

Where
PW 120903?
Why benzene

Table 3b
Groundwater Analytical Results in Multi-Level Wells - Fourth Quarter 2003
B&C Gas Mini Mart
Livermore, California

Well No.	Zone No.	Sample Date	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl benzene (µg/L)	Xylenes (total) (µg/L)	Methyl tert-butyl ether (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloroethane (µg/L)	Di-isopropyl ether (µg/L)	Ethanol (µg/L)	Ethyl tert-butyl ether (µg/L)	tert-Amyl methyl ether (µg/L)	tert-Butyl alcohol (µg/L)
CMT-1	Z1	12/3/2003	<50	<0.5	**0.56**	<0.5	<0.5	**7.5**	<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
	Z3	12/3/2003	<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
	Z5	12/4/2003	<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
	Z7	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
CMT-2	Z1	12/2/2003	<50	<0.5	<0.5	<0.5	<0.5	**1.1**	<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
	Z3	12/2/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
	Z4	12/2/2003	<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
	Z6	12/2/2003	<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
CMT-3	Z1	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	**7.6**	<0.5	<0.5					
	Z2	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	**2.3**	<0.5	<0.5					
	Z3	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
	Z4	12/4/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
	Z5	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
	Z6	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
	Z7	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
CMT-4	Z1	12/1/2003	NS	NS	NS	NS	NS	NS	NS	NS					
	Z2	12/2/2003	**32,000**	NA	NA	NA	NA	NA	NA	NA					
	Z3	12/1/2003	**110**	**15**	**11**	**3.9**	**6.6**	**1.6**	<0.5	<0.5					
	Z4	12/1/2003	<50	**2.8**	**3.5**	<0.5	**0.84**	<0.5	<0.5	<0.5					
	Z5	12/1/2003	<50	<0.5	**0.52**	<0.5	<0.5	<0.5	<0.5	<0.5					
	Z6	12/1/2003	<50	<0.5	<0.5	<0.5	**0.59**	**0.57**	<0.5	<0.5					
	Z7	12/1/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					

Need Electronic For chem & ∇ should also have previous results for comparison

CMT-4 Z2: why no BTEX + MTBE results?

Notes on page 2.

Table 3b
Groundwater Analytical Results in Multi-Level Wells - Fourth Quarter 2003
B&C Gas Mini Mart
Livermore, California

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

Notes:

CMT = continuous multi-channel tubing

µg/L = micrograms per liter

TPH-G = total petroleum hydrocarbons as gasoline

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

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

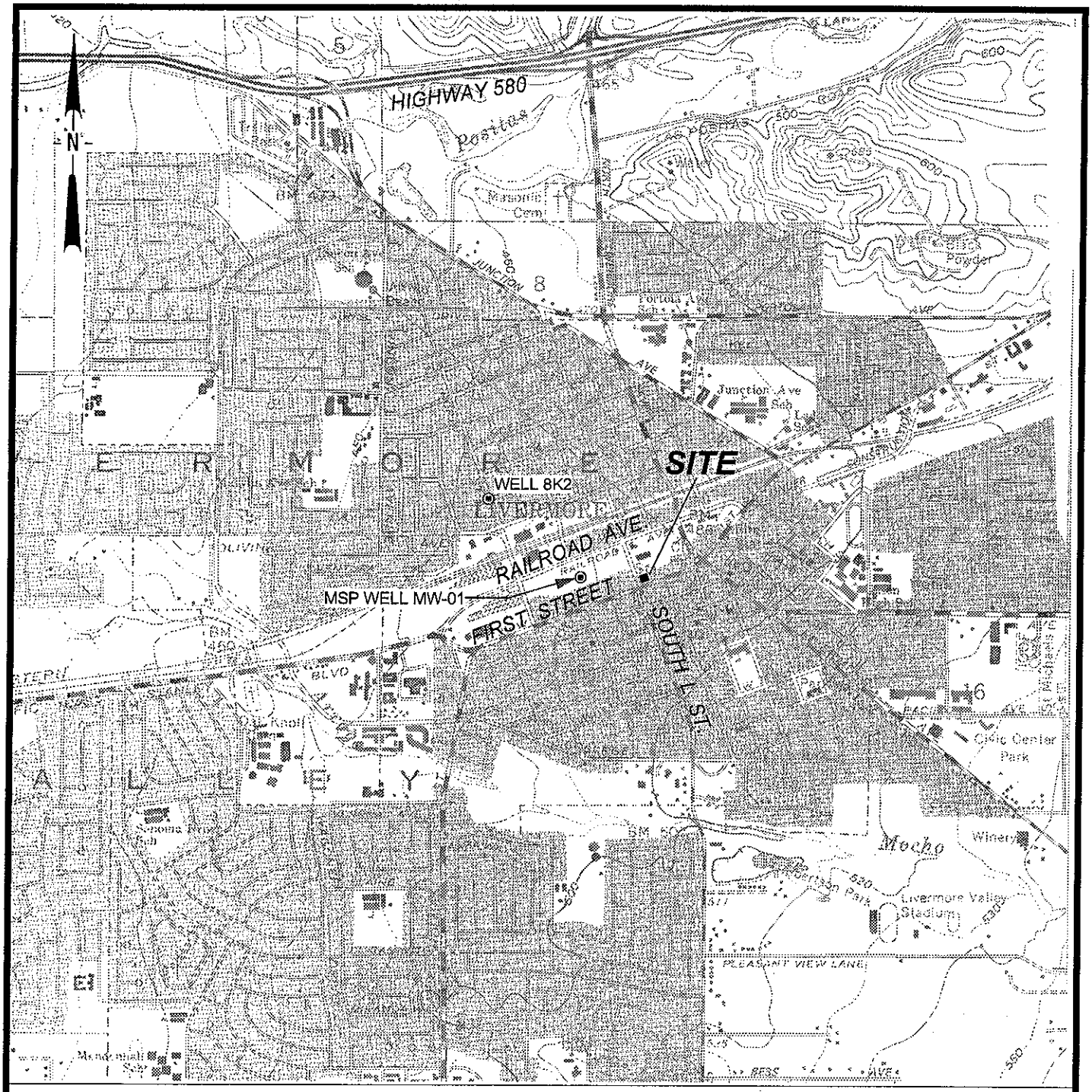
< = less than the laboratory reporting limit

Table 4
Natural Attenuation Parameters - Fourth Quarter 2003
B&C Gas Mini Mart
Livermore, California

Well No.	Zone No.	Sample Date	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Alkalinity (total) (mg/L)	Alkalinity (carbonate) (mg/L)	Alkalinity (bicarbonate) (mg/L)	Alkalinity (hydroxide) (mg/L)	Carbon dioxide (mg/L)	Nitrate/Nitrite as N (mg/L)	Sulfate as SO4 (mg/L)
MW-2	NA	11/25/2003	**350**	**730**	**370**	<20	**370**	<20	**52**	**0.46**	**9,400**
MW-4	NA	11/26/2003	<100	<10	**320**	<20	**320**	<20	**46**	**8.0**	**9,800**
MW-13	NA	11/25/2003	<100	**470**	**370**	<20	**370**	<20	**61**	**0.10**	**9,800**
CMT-2	Z2	12/2/2003	<300	**1,600**	**320**	<20	**320**	<20	**8.0**	**1.6**	**320**

Notes:
µg/L = micrograms per liter
mg/L = milligrams per liter
< = less than the laboratory reporting limit
CMT = continuous multi-channel tubing
NA = not applicable

where's D.O. Data ?
{Biodegradation discussion}



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

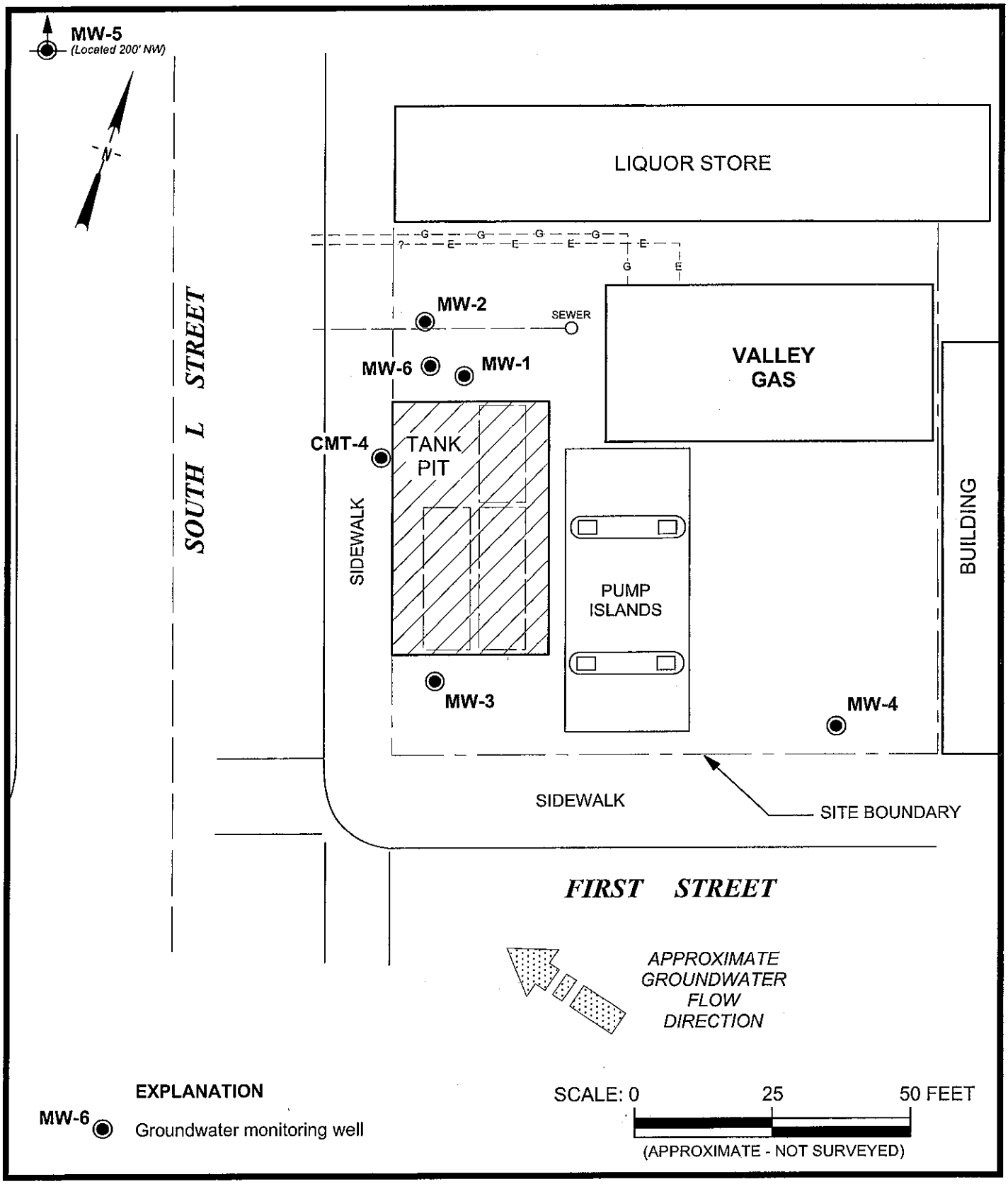
Conor Pacific | EFW

GROUNDWATER MONITORING
B & C GAS MINI MART
LIVERMORE, CALIFORINA

SITE LOCATION MAP

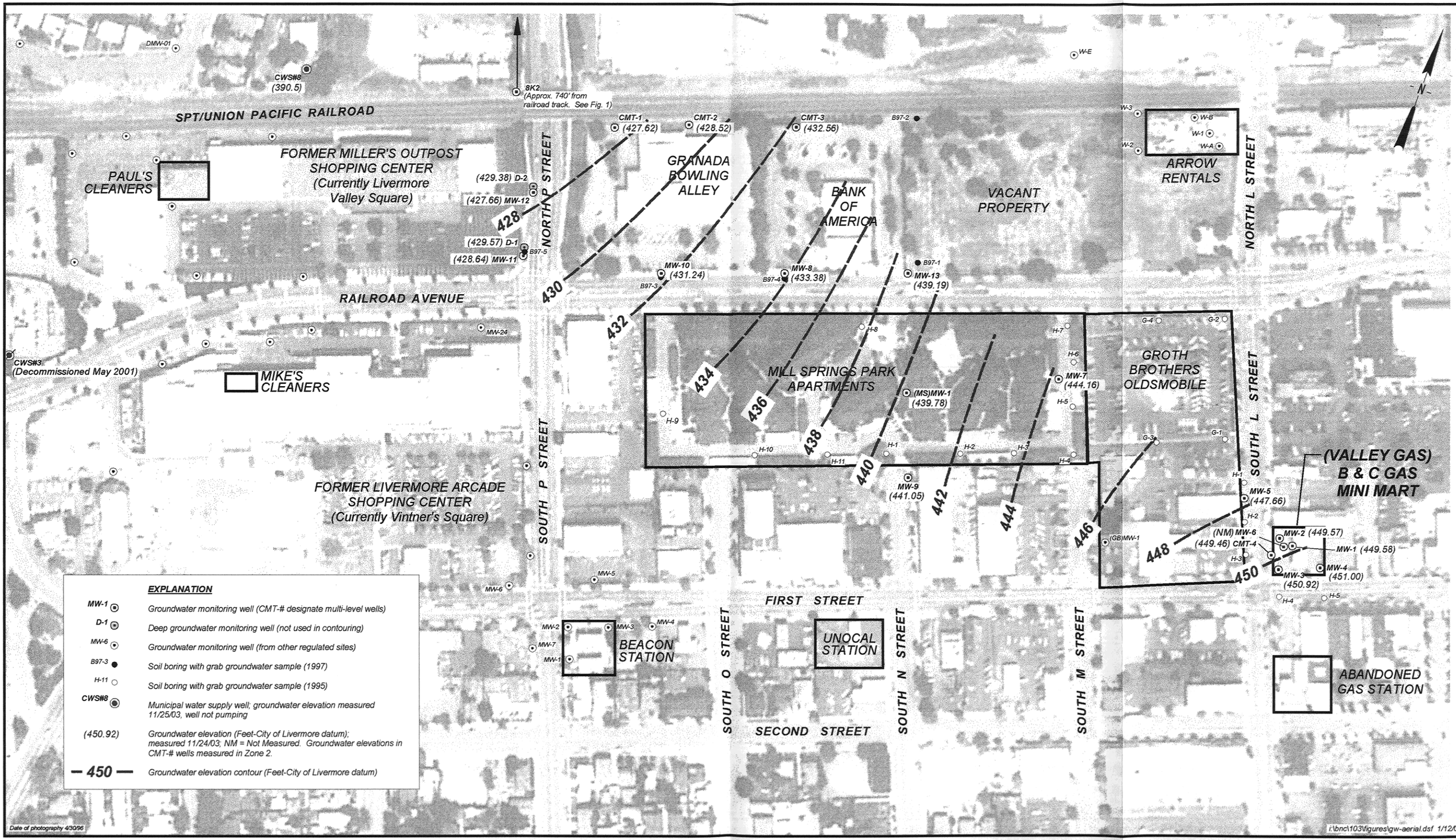
FIGURE 1

PROJECT NO. BNC103



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

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



Conor Pacific | EFW

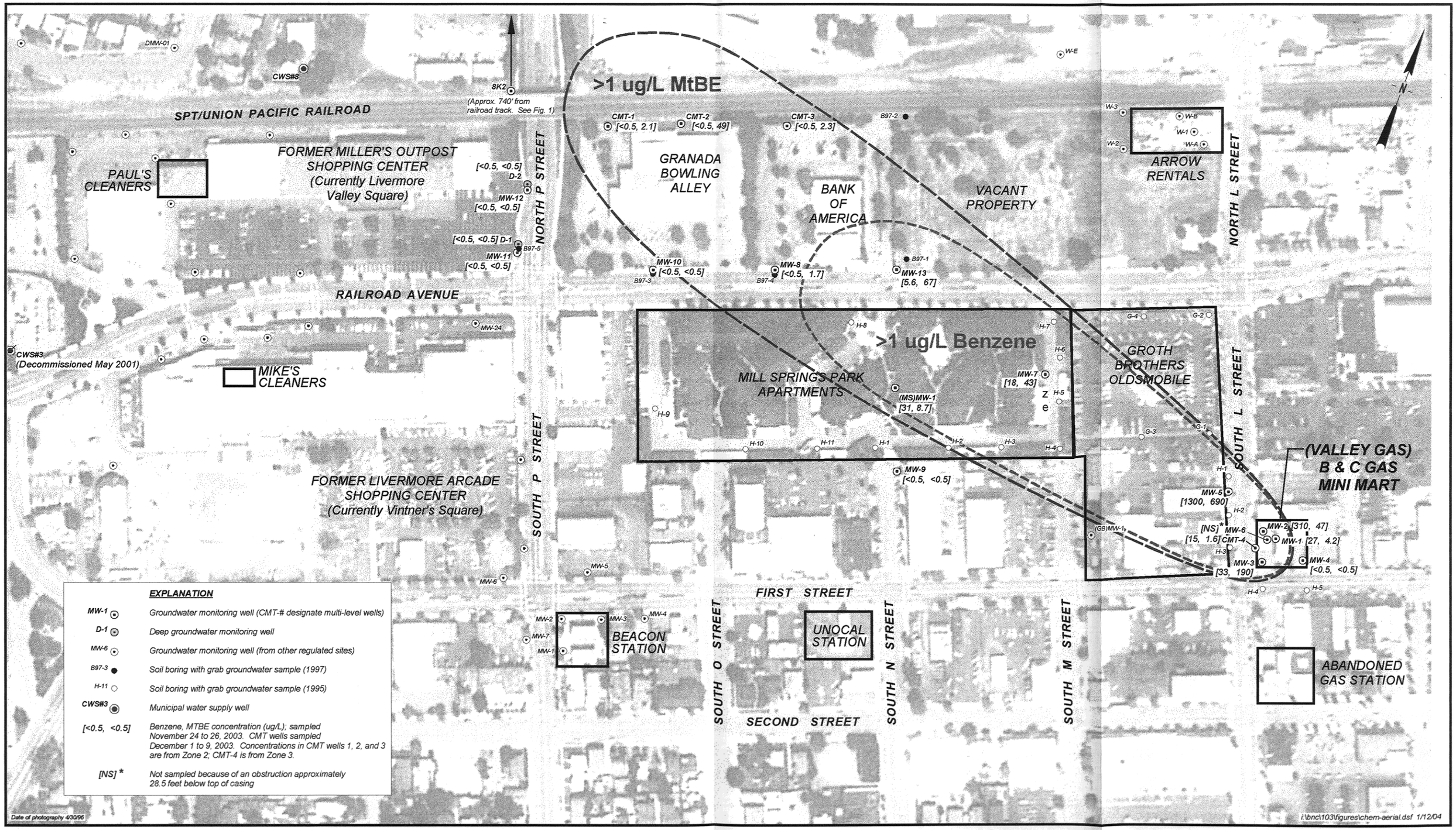
SCALE: 0 200 400 FEET
(APPROXIMATE)

GROUNDWATER MONITORING
B & C GAS MINI MART
LIVERMORE, CALIFORNIA

WELL LOCATIONS AND GROUNDWATER CONTOURS (NOVEMBER 2003)

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 (NOVEMBER AND DECEMBER 2003)

FIGURE
4

PROJECT NO.
BNC103

APPENDIX A

Water Sample Field Data Sheets

WATER LEVEL DATA SHEET
Conor Pacific

Project: B&C Gas Mini Mart
Project No.: BNC103
Date(s): 11/24/03
Name: C. MUIR — SOLINST SN: 30950
Weather: HIGH FOG - OVERCAST. — Sounder #: SLOPE SN: 16071; KECK SN: 1351

Well	Date	Time	DTW (TOC)	Total Depth	Meas. By	Comments
MW-1	11/24/03	1051	34.49	NM	CM	~~SLOPE~~, KECK.
MW-2		1045	34.29			KECK.
MW-3		1105	33.32			SLOPE.
MW-4		1109	34.04			SLOPE.
MW-5		1452	34.31			KECK.
MW-6		———	NM			SLOPE: OBSTRUCTED AT 28.6'
MW-7		1356	33.98			KECK
MW-8		1343	39.85			
MW-9		1152	36.03			
MW-10		1349	40.18			
MW-11		1202	36.29			
MW-12		1208	30.68			
MW-13		1340	35.60			
D-1		1205	35.13			
D-2		1212	28.23			
MS MW01		1403	38.01			KECK.
CMT1-Z1		1229	41.77	NM		~~SOLINST~~ CM. SLOPE. WATER INSIDE
CMT1-Z2		1232	41.89			VAULT. RECOMMEND RUBBER
CMT1-Z3		1235	41.84			CAPS.
CMT1-Z4		1236	39.27			
CMT1-Z5		1238	39.20			
CMT1-Z6		1240	39.25			
CMT1-Z7		1242	40.85			
CMT2-Z1		1254	41.45			
CMT2-Z2		1258	41.62			
CMT2-Z3		1259	41.60			
CMT2-Z4		1301	39.71			
CMT2-Z5		1303	39.89			
CMT2-Z6		1304	39.59			
CMT2-Z7		1306	39.68			
CMT3-Z1		1319	40.92			
CMT3-Z2		1320	40.88			
CMT3-Z3		1322	41.99			
CMT3-Z4		1324	42.21			
CMT3-Z5		1325	43.03			
CMT3-Z6		1327	42.64			
CMT3-Z7		1329	43.53			
CMT4-Z1		1123	DRY			WATER INSIDE VAULT CM ~~MONUMENT~~. RECOMMEND
CMT4-Z2		1130	33.92			RUBBER CAPS.
CMT4-Z3		1136	33.64			
CMT4-Z4		1140	33.55			
CMT4-Z5		1142	33.64			
CMT4-Z6		1145	38.44			
CMT4-Z7		1146	40.82			

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-1
PROJECT NO: BNC103
SAMPLED BY: C. Mun
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): 75.0	Volume in Casing (gal): 6.92
Depth to Water (ft): 34.33	Calculated Purge (volumes / gal.): 6.92
Height of Water Column (ft): 40.67	Actual Pre-Sampling Purge (gal): 7.0

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: 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
1619	2.5	19.4	687	7.10	LT. BROWN	MODERATE	STRONG ODOR	LIGHT SHEEN
1623	5.0	18.9	690	7.21	↓	↓	↓	↓
1628	7.0	19.4	687	7.18	↓	↓	↓	↓

Purge Date: 11/25/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer 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
1635	17.9	697	7.32	2.48	LT. BROWN	265	

Sheen: LIGHT SHEEN Odor: STRONG ODOR Sample Date: 11/25/03

Field Measurement Devices: Horiba ____ Omega ____ QuickCheck ____ D.O. Test Kit ____
0.22 RENTAL SN: 927348
REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Chuck Mun DATE: 11/25/03

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-2
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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 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): 56.0
Depth to Water (ft): 34.15
Height of Water Column (ft): 21.85
Volume in Casing (gal): 14.43
Calculated Purge (volumes / gal.): 14.43
Actual Pre-Sampling Purge (gal): 14.5

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: 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
1439	5.0	19.6	653	7.11	LT. BROWN	LOW	STRONG ODOR	~~MODERATE~~ LOW SHEEN
1443	10.0	19.6	646	7.13	↓	↓	↓	MODERATE SHEEN
1449	14.5	19.7	653	7.15	↓	↓	↓	↓

Purge Date: 11/25/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 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
1455	19.5	668	7.20	2.36	LT. BROWN	22	ORP (mV) -55

Sheen: MODERATE SHEEN Odor: STRONG Sample Date: 11/25/03

0.22 RENTAL SN: 9273478

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

REMARKS: 1 CASING VOLUME PURGE.
11/26/03 AT 1106 DTW WAS 34.26'. COLLECTED GRAB SAMPLE AT 53' AFTER DISCARDING 1ST BAILER FULL OF WATER. COLLECTED DEGRADATION PARAMETER SAMPLES - 1X 250mL PE/HNO_3 FILTERED FOR METALS; 2X 500mL PE/NON FOR INORGANIC PARAMETERS; AND 1X 125mL PE/H_2SO_4 FOR NITRATE AS N. FIELD MEASUREMENTS SIMILAR TO 11/25/03 VALUES. 11/26/03 PH WAS 7.15.

SIGNATURE: Chuck Muir DATE: 11/25/03

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-3
PROJECT NO: BNC103
SAMPLED BY: C. Mein
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 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): 16.10
Depth to Water (ft): 33.32	Calculated Purge (volumes / gal.): 16.10
Height of Water Column (ft): 24.38	Actual Pre-Sampling Purge (gal): 16.5

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: 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
1149	5.5	19.3	673	7.15	LT. BROWN	LOW	SLIGHT ODOR	LT. BROWN PARTICULATES
1154	11.0	19.6	674	7.18	↓	↓	↓	↓
1200	16.5	19.6	659	7.23	↓	MODERATE	↓	↓

Purge Date: 11/26/03

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer 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
1205	19.2	648	7.25	3.14	LT. BROWN	119	LT. BROWN PARTICULATES

Sheen: NONE Odor: MODERATE Sample Date: 11/26/03

0.22 RENTAL SN: 927348

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

REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Chris Mein DATE: 11/26/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-4
PROJECT NO: BNC103
SAMPLED BY: C. Muir
CLIENT: B-N-C GAS MINI MART
REGULATORY AGENCY: ACEHC
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): 17.09
Depth to Water (ft): 34.02	Calculated Purge (volumes / gal.): 17.09
Height of Water Column (ft): 25.88	Actual Pre-Sampling Purge (gal): 17.5

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 67' Dedicated ____ Other ____
Purge Water Containment: DRUMMED ES 60
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
1250	6.0	19.1	~~680~~ 647 cm	~~6.97~~ 7.35 cm	LT. BROWN	LOW	SLIGHT ODOR	
1313	12.0	19.8	685	7.13	↓	↓	↓	
1317	17.5	19.8	688	7.14	↓	↓	↓	

Purge Date: 11/26/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer 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 ORP (mV)
1325	19.9	679	7.15	5.45	LT. BROWN	29	120

Sheen: NONE Odor: SLIGHT Sample Date: 11/26/03

V.22 RENTAL SN: 92734Y

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

REMARKS: CASING VOLUME PURGE. AT 1300 PUMP STOPPED WORKING. HAD TO PULL PUMP AND REATTACH TUBING.

CALIBRATION ON 11/26/03 AT 1245. DO: AMB; PH: 7.05, 10.15; TEMP: 15°C; COND: 0,2060; TURB: 0;

SIGNATURE: C. Muir DATE: 11/26/03

Conor Pacific | EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-5
PROJECT NO: BNC103
SAMPLED BY: C. min
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 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): 39.6	Volume in Casing (gal): 3.5
Depth to Water (ft): 34.31	Calculated Purge (volumes / gal.): 3.5
Height of Water Column (ft): 5.29	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: 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
1457	1.5	18.6	627	6.85	LT. GREY	LOW		LT. SHEEN/STRONG ODOR
1500	3.0	19.8	639	6.93	↓	MODERATE		↓
1503	4.0	20.0	633	6.93	↓	↓		↓

Purge Date: 11/24/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 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
1510	18.8	632	6.98	3.34	LT. GREY	58	

Sheen: LIGHT SHEEN Odor: MODERATE ODOR Sample Date: 11/24/03

U.22 RENTAL SN: 927348

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

REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Chuck Min **DATE:** 11/24/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B&C Gas Mini Mart
PROJECT NO: BNC103
CLIENT: B&C Gas Mini Mart

SAMPLE ID: MW-6
SAMPLED BY: C Muir
REGULATORY AGENCY: ACEHS

SAMPLE TYPE: Groundwater ✓ 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): NM
Depth to Water (ft): ↓
Height of Water Column (ft): /

Volume in Casing (gal): ___
Calculated Purge (volumes / gal.): ___
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-___ EB-___ 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___ Omega___ QuickCheck___ D.O. Test Kit___

REMARKS: Well obstructed at 20.6'. No depth measurements, no samples collected.

SIGNATURE: [signature] for C Muir

DATE: 11/24/03

Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-7
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 49.2	Volume in Casing (gal): 2.60
Depth to Water (ft): 33.92	Calculated Purge (volumes / gal.): 2.60
Height of Water Column (ft): 15.28	Actual Pre-Sampling Purge (gal): 3.0

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: 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
1309	1.0	18.8	606	7.30	LT. BROWN	MODERATE	SLIGHT ODOR	PARTICULATES
1312	2.0	18.8	613	7.29	↓	↓	↓	↓
1316	3.0	19.0	607	7.28	↓	↓	↓	↓

Purge Date: 11/25/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 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
1322	18.3	611	7.29	2.51	LT. BROWN	241	

Sheen: NONE Odor: MODERATE Sample Date: 11/25/03

V.22 RENTAL SN: 927348

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

REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Chuck Muir DATE: 11/25/03

Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-8
PROJECT NO: BNC103
SAMPLED BY: C. Mein
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): 53.2	Volume in Casing (gal): 2.30
Depth to Water (ft): 39.70	Calculated Purge (volumes / gal.): 2.30
Height of Water Column (ft): 13.50	Actual Pre-Sampling Purge (gal): 2.5

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: 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
1153	1.0	18.9	633	7.17	LT. BROWN	LOW		
1156	2.0	19.1	634	7.13	↓	MODERATE		
1159	2.5	19.1	634	7.11	↓	↓		

Purge Date: 11/25/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 50'
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
1205	18.6	635	7.15	3.06	LT. BROWN	123	

Sheen: NONE Odor: NONE Sample Date: 11/25/03

0.22 RENTAL SN: 927348

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

SIGNATURE: Chuck Mein DATE: 11/25/03

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-9
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 44.1	Volume in Casing (gal): 1.42
Depth to Water (ft): 35.79	Calculated Purge (volumes / gal.): 1.42
Height of Water Column (ft): 8.31	Actual Pre-Sampling Purge (gal): 1.5

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: 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
1351	0.5	19.9	573	7.26	LT. BROWN	MODERATE		
1353	1.0	19.7	587	7.28	↓	HIGH		
1355	1.5	19.6	589	7.28	↓	↓		

Purge Date: 11/25/03

SAMPLE:

Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer 41'
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
1400	19.4	593	7.28	3.90	LT. BROWN	567	

Sheen: NONE Odor: NONE Sample Date: 11/25/03

0.22 RENTAL SN: 927348

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

REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Chuck Muir DATE: 11/25/03

Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-10
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 53.8	Volume in Casing (gal): 2.34
Depth to Water (ft): 40.07	Calculated Purge (volumes / gal.): 2.34
Height of Water Column (ft): 13.73	Actual Pre-Sampling Purge (gal): 2.5

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: 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
1234	1.0	18.4	616	7.10	LT. BROWN	HIGH		
1236	2.0	19.3	607	7.10	↓	↓		
1239	2.5	19.3	611	7.09	↓	↓		

Purge Date: 11/25/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 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
1243	19.0	615	7.10	4.17	LT. BROWN	596	

Sheen: NONE Odor: NONE Sample Date: 11/25/03

0.22 RENTAL SN: 927348

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

REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Chuck Muir **DATE:** 11/25/03

Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-11
PROJECT NO: BNC103
SAMPLED BY: C. Mun
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): 48.7	Volume in Casing (gal): 2.13
Depth to Water (ft): 36.19	Calculated Purge (volumes / gal.): 2.13
Height of Water Column (ft): 12.51	Actual Pre-Sampling Purge (gal): 2.5

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: 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
1041	1.0	19.3	631	7.15	LT. BROWN	MODERATE		
1046	2.0	19.5	645	7.15	↓	↓		
1049	2.5	20.1	640	7.16	↓	↓		

Purge Date: 11/25/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 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
1053	19.6	645	7.16	3.70	LT. BROWN	562	

Sheen: NONE Odor: NONE Sample Date: 11/25/03

0.22 RENTAL SN: 927348

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

REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Chuck Mun DATE: 11/25/03

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-12
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 43.2	Volume in Casing (gal): 2.13
Depth to Water (ft): 30.68	Calculated Purge (volumes / gal.): 2.13
Height of Water Column (ft): 12.52	Actual Pre-Sampling Purge (gal): 2.5

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: 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
CM 1627	1.0	18.9	582	7.11	LT. BROWN	MODERATE		
1629	2.0	19.3	572	7.10	↓	HIGH		
1631	2.5	19.4	581	7.10	↓	↓		

Purge Date: 11/24/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 40'
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
1638	18.0	588	7.13	4.15	LT. BROWN	339	

Sheen: NONE Odor: NONE Sample Date: 11/24/03

0.22 RENTAL SN: 927348

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

SIGNATURE: Chuck Muir DATE: 11/24/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MW-13
PROJECT NO: BNC103
SAMPLED BY: C. Mun
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): 54.3	Volume in Casing (gal): 3.19
Depth to Water (ft): 35.55	Calculated Purge (volumes / gal.): 3.19
Height of Water Column (ft): 18.75	Actual Pre-Sampling Purge (gal): 3.25

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: 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
1119	1.25	18.3	642	7.08	LT. BROWN	MODERATE		LT. BROWN PARTICULATES
1121	2.50	19.4	637	7.07	↓	↓		↓
1124	3.25	19.4	644	7.05	↓	↓		

Purge Date: 11/25/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer 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
1129	19.5	644	7.09	4.01	LT. BROWN	53	LT. BROWN PARTICULATES

Sheen: NONE Odor: SLIGHT Sample Date: 11/25/03

U-22 RENTAL SN: 927348
Field Measurement Devices: Horiba ____ Omega ____ QuickCheck ____ D.O. Test Kit ____
ORP (mV) 46

REMARKS: 1 CASING VOLUME PURGE, ~~11/24/03 DTW IN WELL WAS 35.63'~~ cm
11/26/03 AT 1031 DTW WAS 35.63'. COLLECTED GRAB SAMPLE AT 51' AFTER DISCARDING 1ST BAILER FULL OF WATER. COLLECTED DEGRADATION PARAMETERS SAMPLES - 1 X 250mL PE/HNO3/FILTERED FOR METALS, 2 X 500mL PE/NON FOR INORGANIC PARAMETERS, AND 1 X 125mL PE/H2SO4 FOR NITRATE AS N. FIELD MEASUREMENTS SIMILAR TO 11/25/03 VALUES. 11/26/03 PH WAS 7.09.

SIGNATURE: [signature] DATE: 11/25/03

Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: D-1
PROJECT NO: BNC103
SAMPLED BY: C. Mun
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): 124.0	Volume in Casing (gal): 15.12
Depth to Water (ft): 35.09	Calculated Purge (volumes / gal.): 15.12
Height of Water Column (ft): 88.91	Actual Pre-Sampling Purge (gal): 15.5

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: 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
953	5.0	18.0	601	7.45	LT BROWN	LOW		
1000	10.0	18.4	611	7.49	↓	↓		
1009	15.5	18.4	621	7.48	↓	HIGH		

Purge Date: 11/25/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer ____ Teflon Bailer ____ PVC Bailer ____ Disp. Bailer 121'
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
1016	17.6	618	7.48	5.21	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 11/25/03

0.22 RENTAL SN: 927348

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

REMARKS: 1 CASING VOLUME PURGE.

CALIBRATION ON 11/25/03 AT 858. DO: AUTO; PH: 7.07, 10.2, TEMP: 7°C, COND: 0.2060; TURB: 0;

SIGNATURE: Chuck Mun DATE: 11/25/03

Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART SAMPLE ID: D-2
PROJECT NO: BNC103 SAMPLED BY: C. Mun
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): 111.1	Volume in Casing (gal): 14.1
Depth to Water (ft): 28.23	Calculated Purge (volumes / gal.): 14.1
Height of Water Column (ft): 82.87	Actual Pre-Sampling Purge (gal): 14.5

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: 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
1550	5.0	18.0	575	7.40	LT. BROWN	LOW		
1556	10.0	18.2	583	7.47	↓	↓		
1602	14.5	18.7	577	7.47	↓	MODERATE		

Purge Date: 11/24/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 108'
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
1610	17.7	579	7.48	4.63	LT. BROWN	> 999	

Sheen: NONE Odor: NONE Sample Date: 11/24/03

0.22 RENTAL SN: 927348

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

REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Chuck Mun DATE: 11/24/03

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: MSMW01
PROJECT NO: BNC103
SAMPLED BY: C. Irwin
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): 61.1	Volume in Casing (gal): 3.93
Depth to Water (ft): 38.01	Calculated Purge (volumes / gal.): 3.93
Height of Water Column (ft): 23.09	Actual Pre-Sampling Purge (gal): 0.70

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: 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
1419	0.70							PRODUCT PRESENT

Purge Date: 11/24/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 58'
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
1422							

Sheen: ____ Odor: ____ Sample Date: 11/24/03

0.22 RENTAL SN: 921349

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

REMARKS: PURGED 0.7 gal, PRODUCT PRESENT AT 1419, STOPPED PURGE. COLLECTED GRAB SAMPLE AT A DEPTH OF 58'. NO FIELD PARAMETERS TAKEN. PRODUCT DESCRIPTION- 1-2mm IN DIAMETER, BROWN GLOBULES, STRONG ODOR, STRONG SHEEN.

CALIBRATION ON 11/24/03 AT 1406: DO: AUTO; PH: 7.05, 10.15; TEMP: 12°C; COND: 0.2060; TURB: 0;

SIGNATURE: Chuck Irwin DATE: 11/24/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: 8K2
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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 2.5 X
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6) (0.21)

Well Total Depth (ft): 75.0
Volume in Casing (gal): 8.6
Depth to Water (ft): 34.28
Calculated Purge (volumes / gal.): 8.6
Height of Water Column (ft): 40.72
Actual Pre-Sampling Purge (gal): 9.0

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: 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)	DO Other (mg/L)	ORP Observation (mV)
1323	3.0	19.2	987	7.42	MODER	LOW	2.27	118
1330	6.0	19.1	1040	7.47	LT. BROWN	↓	4.79	114
1338	9.0	19.3	1050	7.44	↓	↓	5.64	111

Purge Date: 12/3/03

SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 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)	ORP Other (mV)
1350	19.2	1050	7.45	6.35	LT. BROWN	29	100

Sheen: NONE Odor: NONE Sample Date: 12/3/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 1 CASING VOLUME PURGE. COLLECTED 6X 40mL VOA/HCl AND FIELD PARAMETERS FOR CONOR PACIFIC. COLLECTED 6 in 3X 40mL VOA/HCl FOR COLLEEN PLUS 1X 1L PE NON AND 1X 500 ML PE NON FILTERED 0.45uM. FOR ____.

SIGNATURE: Chuck Muir DATE: 12/3/03

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-L GAS MINI MART
SAMPLE ID: PW 120903
PROJECT NO: BNL103
SAMPLED BY: C. Muir
CLIENT: B-N-L 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 BEAKER

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1639	9.7	1060	7.84	6.47	LT. BROWN	892	

Sheen: NONE Odor: NONE Sample Date: 12/9/03

Field Measurement Devices: Horiba U-4 Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: COLLECTED GRAB SAMPLE OF GROUNDWATER PURGE WATER FROM STORAGE DRUMS. THREE DISCRETE SAMPLES COLLECTED FROM THREE 55 gal DRUMS (112503-A, 112503-B + 120903-A). SAMPLES MIXED IN BUCKET. COMPOSITE SAMPLE COLLECTED FROM BUCKET USING A DECONTAMINATED PLASTIC CUP.

SIGNATURE: Chuck Muir **DATE:** 12/9/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT1-21
PROJECT NO: BNC403
SAMPLED BY: C. Murin
CLIENT: B-N-C GAS MINI MART
REGULATORY AGENCY: ACEH
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): 45.6	Volume in Casing (gal): 179
Depth to Water (ft): 41.14	Calculated Purge (volumes/gal.): 358
Height of Water Column (ft): 4.46	Actual Pre-Sampling Purge (gal): 160

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 FEP 1/4" @ 44' Other INERTIAL LIFT
Purge Water Containment: DRUM LED
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
1536	160							WELL DRY

Purge Date: 12/3/03

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 FEP 1/4" @ 44' Other INERTIAL LIFT

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1536					BROWN	VERY HIGH	WELL DRY

Sheen: ____ Odor: ____ Sample Date: 12/3/03

Field Measurement Devices: Horiba ____ Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: ~~2 CASH~~ COLLECTED GRAB SAMPLE FROM WELL DUE TO INSUFFICIENT VOLUME. HAD TO SWITCH TUBING FROM LDPE 1/4" TO FEP 1/4". 12/4/03 DTW WAS 41.09' AT 951.

SIGNATURE: Chuck Murin DATE: 12/3/03

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Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT1-Z2
PROJECT NO: BNC103
SAMPLED BY: C. Mun
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): 60.6
Depth to Water (ft): 41.38
Height of Water Column (ft): 19.22
Volume in Casing ~~(gal)~~ ml: 769
Calculated Purge (volumes / ~~gal~~ ml): 1538
Actual Pre-Sampling Purge ~~(gal)~~ ml: 1305

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" @ 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)	DO ~~Other~~ (mg/L)	Observation
1554	770	18.2	1190	8.26	DARK BROWN	VERY HIGH	1.00	
1601	1155	17.4	1150	8.20	↓	↓	1.56	
1612	1305							WELL DRY

Purge Date: 12/3/03

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" @ 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
~~1615~~ 1015	17.3	1080	7.71	1.57	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/4/03

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

REMARKS: 2 CASING VOLUME PURGE. DTW AT 1612 WAS 57.53'. PURGED 1305ml, WELL DRY AT 1612. WELL ALLOWED TO RECHARGE. 12/4/03 DTW WAS 41.27' AT 949. SAMPLE COLLECTED AT 1015.

CALIBRATION ON 12/4/03 AT 1004.80: ATD; PH: 7.06, ~~10.00~~ 10.16, TEMP: 11°C; COND: 0, 2060; TURB: 0

SIGNATURE: [signature] DATE: 12/4/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT1-23
PROJECT NO: BNC103
SAMPLED BY: C. Murin
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): 69.0	Volume in Casing (gal): 1109
Depth to Water (ft): 41.28	Calculated Purge (volumes / gal.): 2218
Height of Water Column (ft): 27.72	Actual Pre-Sampling Purge (gal): 2300

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" @ 68' 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)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	DO Other (mg/L)	Observation
1652	1200	17.8	940	7.54	LT. BROWN	VERY HIGH	3.84	
1654	1750	17.7	930	7.53	↓	↓	4.11	
CM 1656	2300	18.6	930	7.50	↓	HIGH	3.89	

Purge Date: 12/3/03

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 HDPE 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
1705	18.4	920	7.52	3.14	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/3/03

Field Measurement Devices: Horiba HY ____ Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. HAD TO REPLACE OLD HDPE TUBING WITH STIFFER HDPE TUBING. NEW TUBING WORKS GOOD. NO PROBLEMS.

SIGNATURE: Chuck Murin DATE: CM 12/3/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT1-24
PROJECT NO: BNC103
SAMPLED BY: C. Mui
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
Depth to Water (ft): 38.78
Height of Water Column (ft): 51.92
Volume in Casing (~~gal~~ ml): 2077
Calculated Purge (volumes / ~~gal.~~ ml): 4154
Actual Pre-Sampling Purge (~~gal~~ ml): 4200

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 @ 89' Other INERTIAL LIFT
Purge Water Containment: DRUM LED
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 DO (mg/L)	Observation
1818	2100	14.4	~~980~~ 960 CM	7.75	LT. BROWN	NEED HIGH	5.78	
1848	3139	15.8	950	7.74	↓	↓	5.20	
1854	4200	16.6	1000	7.64	↓	↓	5.09	

Purge Date: 12/3/03

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 HDPE 1/4 @ 89' Other INERTIAL LIFT

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1902	15.1	970	7.66	6.20	LT. BROWN	7999	

Sheen: NONE Odor: NONE Sample Date: 12/3/03

Field Measurement Devices: Horiba M4 Omega ____ QuickCheck ____ D.O. Test Kit ____

REMARKS: 2 CASING VOLUME PURGE. HAD TO REPLACE HDPE TUBING WITH NEW STIFFER HDPE. HAVING DIFFICULTY WITH BALL INSIDE CHECK VALVE STICKING. FOUND THAT CHECK VALVE WAS FLAWED. REPLACED CHECK VALVE.

SIGNATURE: Chuck Mui DATE: 12/3/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT/-25
PROJECT NO: BNC103
SAMPLED BY: C. Muir
CLIENT: B-N-C GAS MINI MART
REGULATORY AGENCY: ACEMS
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: 2683
Depth to Water (ft): 38.64	Calculated Purge (volumes / ~~gal~~) ml: 5366
Height of Water Column (ft): 67.06	Actual Pre-Sampling Purge (~~gal~~) ml: 5390

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" @ 104' 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)	DO ~~Other~~ (mg/L)	Observation
1109	2690	18.2	990	7.67	LT. BROWN	VERY HIGH	5.20	
1115	4090	18.6	970	7.67	↓	MODERATE	5.30	
1122	5390	19.0	970	7.61	↓	↓	5.20	

Purge Date: 12/4/03

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" @ 104' Other INERTIAL LIFT

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1127	18.0	992	7.64	3.84	LT. BROWN	706	

Sheen: NONE Odor: NONE Sample Date: 12/4/03

Field Measurement Devices: Horiba U-4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. HDPE TUBING STICKING. REPLACED TUBING WITH PVDF TUBING. PVDF TUBING WORKS GOOD. NO PROBLEMS.

SIGNATURE: Chuck Muir DATE: 12/4/03

Conor Pacific | EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT1-Z6
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 122.0
Depth to Water (ft): 38.74
Height of Water Column (ft): 83.26
Volume in Casing (gal) mL: 3331
Calculated Purge (volumes / gal) mL: 6662
Actual Pre-Sampling Purge (gal) mL: 6690

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 PDF 1/4" @ 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)	DO Other (mg/L)	Observation
1204	3350	18.7	980	7.71	LT. BROWN	HIGH	5.18	
1211	5020	18.9	1010	7.63	↓	↓	4.30	
1217	6690	19.1	1000	7.65	↓	↓	4.76	

Purge Date: 12/4/03

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 PDF 1/4" @ 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
1225	16.8	910	7.65	3.52	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/4/03

Field Measurement Devices: Horiba U-44 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. TEFLON TUBING TOO SHORT REPLACED WITH PDF TUBING. TUBING WORKS GOOD. NO PROBLEMS.

SIGNATURE: Chuck Muir DATE: 12/4/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT1-27
PROJECT NO: BNC103
SAMPLED BY: C. Mun
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): 4112
Depth to Water (ft): 40.22	Calculated Purge (volumes / gal): 8224
Height of Water Column (ft): 102.78	Actual Pre-Sampling Purge (gal): 8300

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 FEP 1/4" @142' 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)	DO (mg/l)	Observation
1350	4150	17.9	930	7.69	LT. BROWN	VERY HIGH	3.82	
1401	6225	18.4	930	7.69	↓	↓	3.94	
1412	8300	18.7	920	7.68	↓	↓	3.90	

Purge Date: 12/4/03

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 FEP 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
1419	15.4	930	7.74	3.88	LT. BROWN	HIGH >999	

Sheen: NONE Odor: NONE Sample Date: 12/4/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. RECOMMEND REPLACING FEP TUBING WITH PVDF TUBING. FEP IS RELEASING MARKER AND MARKER TO MOVE. ~~RECOMMEND REPLACING~~ cm

SIGNATURE: Chuck Mun DATE: 12/4/03

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 2 - Z 1
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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
Depth to Water (ft): 40.92
Height of Water Column (ft): 7.98
Volume in Casing (gal): 320
Calculated Purge (volumes / gal): 640
Actual Pre-Sampling Purge (gal): 640

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" @ 48' 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)	DO (mg/L) Other	Observation
1105 CM 320	320	17.3	1180	7.24	BROWN	VERY HIGH	1.86	
1113	480	17.6	1140	7.45	LT. BROWN	↓	NM	NO ENOUGH VOLUME TO MEASURE DO
1116	640	17.8	1150	7.46	↓	↓	NM	

Purge Date: 12/2/03

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" @ 48' 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
1122	18.0	1000	7.41	NM	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/2/03

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

REMARKS: DTW AT 1107 WAS 42.4', COLLECTED BY DA/HCl. NOT ENOUGH VOLUME TO MEASURE DO FOR FIELD PARAMETERS. 2 CASING VOLUME PURGE.

CALIBRATION ON 12/2/03 AT 938.SD: ANTI, PH: 7.04, 10.13, TEMP: 14°C; COND: 0, 2060; TURB:

SIGNATURE: Chuck Muir DATE: 12/2/03

4 X 500mL NON-PE
1 X 250mL HNO_3 PE / FILTERED
1 X 125mL H_2SO_4 PE

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: 7-N-C GAS MINI MART
SAMPLE ID: CMT2-22
PROJECT NO: BNC 103
SAMPLED BY: C. Min
CLIENT: 7-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 ____
GALLONS PER LINEAR FOOT : (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 58.9	Volume in Casing (~~gal~~) mL: 703
Depth to Water (ft): 41.33	Calculated Purge (volumes / ~~gal.~~) mL: 1406
Height of Water Column (ft): 17.57	Actual Pre-Sampling Purge (~~gal~~) mL: 1410

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" @ 58' 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)	DO (mg/L) ~~Other~~	ORP (mV) ~~Other~~ Observation
1150	710	18.7	1450	8.45	BROWN	VERY HIGH	1.25	-210
1158 1200	1065	18.2	1710	8.17	↓	↓	2.09	-183
1205	1410	18.1	1710	8.13	↓	↓	2.36	-163

Purge Date: 12/2/03

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 HDPE 1/4" @ 58' Other INERTIAL LIFT PUMP

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	ORP (mV) ~~Other~~
1220	17.3	1430	7.90	4.16	LT. BROWN	>999	-79

Sheen: NONE Odor: SLIGHT Sample Date: 12/2/03

Field Measurement Devices: Horiba U-44 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. HAD TROUBLE WITH BAIL STICKING INSIDE CHECK VALVE. HAD TO PULL TUBING OFTEN. FILLED EXTRA SAMPLE CONTAINERS FOR DEGRADATION ANALYSIS.

SIGNATURE: Chuck Min DATE: 12/2/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT2-33
PROJECT NO: BNC103
SAMPLED BY: C. Mui
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): 68.0
Depth to Water (ft): 41.26
Height of Water Column (ft): 26.74
Volume in Casing (~~gal.~~ mL): 1070
Calculated Purge (volumes / ~~gal.~~): 2140
Actual Pre-Sampling Purge (gal): 2140

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" @ 67' 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)	DO (mg/L) Other:	Observation
1313	1070	18.7	1010	7.82	LT. BROWN	VERY HIGH	1.83	
1316	1610	18.6	980	7.55	↓	↓	2.14	DO: 2.14
1321	2140	18.7	994	7.55	↓	↓	3.22	

Purge Date: 12/2/03

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" @ 67' 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
1326	18.2	990	7.54	2.26	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/2/03

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

REMARKS: 2 CASING VOLUME PURGE. TUBING + CHECK VALVE WORK GREAT. NO PROBLEMS.

SIGNATURE: Chuck Mui DATE: 12/2/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 2-24
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 1949
Depth to Water (ft): 39.30	Calculated Purge (volumes / ~~gal~~ ml): 3898
Height of Water Column (ft): 48.70	Actual Pre-Sampling Purge (~~gal~~ ml): 3900

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" @ 87' 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)	DO (mg/L) Other	Observation
1407	1950	17.8	960	7.73	LT. BROWN	VERY HIGH	3.67	
1414	2925	18.6	1080	7.66	↓	↓	3.83	
1421	3900	18.8	1050	7.66	↓	↓	4.44	

Purge Date: 12/2/03

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 HDPE 1/4" @ 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
1426	18.2	1040	7.70	3.84	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/2/03

Field Measurement Devices: Horiba MY Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. MODERATE FRICTION IN Z4 CHAMBER WITH HDPE TUBING. TUBING NEEDS TO BE STRAIGHT AS POSSIBLE OTHERWISE MORE DIFFICULT TO MOVE UP & DOWN. ALSO SOME STICKING OF BALL INSIDE CHECK VALVE.

SIGNATURE: Chuck Muir DATE: 12/2/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 2 - 25
PROJECT NO: BNC103
SAMPLED BY: C. Min
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): 106.0
Depth to Water (ft): 39.39
Height of Water Column (ft): 66.61
Volume in Casing (~~gal~~): 2665
Calculated Purge (volumes / ~~gal~~): 5330
Actual Pre-Sampling Purge (~~gal~~): 5340

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" @ 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)	DO ~~Other~~ (mg/L)	Observation
1500	2670	18.4	1000	7.66	LT. BROWN	VERY HIGH	5.11	
1509	4005	18.2	996	7.69	↓	HIGH	5.85	
1519	5340	18.9	970	7.66	↓	↓	5.90	

Purge Date: 12/2/03

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 HDPE 1/4" @ 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
1524	17.1	960	7.70	4.91	LT. BROWN	766	

Sheen: NONE Odor: NONE Sample Date: 12/2/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. HDPE TUBING WORKED GOOD. JUST NEED TO KEEP TUBING STRAIGHT WHEN LOWERING INTO CHAMBER.

SIGNATURE: Chuck Min DATE: 12/2/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMTZ-36
PROJECT NO: BNC103
SAMPLED BY: C. Min
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): 124.0	Volume in Casing (gal): 3389
Depth to Water (ft): 39.29	Calculated Purge (volumes / gal): 6778
Height of Water Column (ft): 84.71	Actual Pre-Sampling Purge (gal): 6780

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" @ 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)	DO (mg/L)	Observation
1615	3390	18.2	960	7.70	LT. BROWN	MODERATE	4.98	
1622	5085	18.5	980	7.70	↓	↓	5.51	
1628	6780	19.0	970	7.67	↓	↓	5.77	

Purge Date: 12/2/03

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" @ 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
1635	17.6	980	7.70	4.98	LT. BROWN	534	

Sheen: NONE Odor: NONE Sample Date: 12/2/03

Field Measurement Devices: Horiba U-14 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. TURBIDITY WORKS GOOD.

SIGNATURE: Chuck Min DATE: 12/2/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 2 - Z7
PROJECT NO: BNC103
SAMPLED BY: C. Mein
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): 143.3	Volume in Casing (gal): 4161
Depth to Water (ft): ~~39.43~~ 39.30	Calculated Purge (volumes / gal): 8322
Height of Water Column (ft): 104.00	Actual Pre-Sampling Purge (gal): 8340

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" @ 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)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	~~Other~~ DO (mg/L)	Observation
1048	4170	18.3	940	7.35	LT. BROWN	MODERATE	6.43	
1056	6255	18.7	930	7.52	↓	↓	5.14	
1104	8340	19.1	930	7.49	↓	↓	5.50	

Purge Date: 12/3/03

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" @ 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
1109	17.1	950	7.66	4.74	LT. BROWN	253	

Sheen: NONE Odor: NONE Sample Date: 12/3/03

Field Measurement Devices: Horiba U4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. PVDF TUBING WORKS GOOD. NO PROBLEMS.

CALIBRATION ON 12/3/03 AT 950. DO: AUTO; PH: 7.05, 10.15; TEMP: 13°C; COND: 0, 2060; TURB: 0;

SIGNATURE: Chuck Mein DATE: 12/3/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT3-21
PROJECT NO: BNC103
SAMPLED BY: C. Murin
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): 44.0	Volume in Casing (gal): 145
Depth to Water (ft): 40.39	Calculated Purge (volumes / gal): 290
Height of Water Column (ft): 3.61	Actual Pre-Sampling Purge (gal): 160

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 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
1528	160							WELL DRY

Purge Date: 12/4/03

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 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
1528							WELL DRY

Sheen: ____ Odor: ____ Sample Date: 12/4/03

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

REMARKS: COLLECTED GRAB SAMPLE, INSUFFICIENT VOLUME FOR 2 CASING PURGE. COLLECTED 4 x 40 mL VOA/HCL SAMPLES. NO FIELD PARAMETERS TAKEN. HAD TO SWITCH FROM THE LDPE TUBING TO FEP. LDPE WOULD NOT PUSH DOWN TO BOTTOM OF WELL.

SIGNATURE: Chuck Murin DATE: 12/4/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 3 - 22
PROJECT NO: BNC103
SAMPLED BY: C. Mein
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): 55.0	Volume in Casing (gal): 608
Depth to Water (ft): 39.81	Calculated Purge (volumes / gal): 1216
Height of Water Column (ft): 15.19	Actual Pre-Sampling Purge (gal): 1525

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" @ 54' 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)	DO (mg/L) Other	Observation
1103	610	16.9	1580	7.50	LT. BROWN	VERY HIGH	3.38	MODERATE ODOR
1114	915	17.0	2090	7.48	↓	↓	3.39	↓
1120	1220	17.4	1010	7.65	↓	↓	5.08	↓
1126	1525	17.6	940	7.58	↓	↓	4.81	↓

Purge Date: 12/9/03

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" @ 54' Other INERTIAL LIFT

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1135	16.9	960	7.46	2.79	LT. BROWN	> 999	

Sheen: NONE Odor: MODERATE Sample Date: 12/9/03

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

REMARKS: 2 CASING VOLUME PURGE, REPLACED OLD LDPE WITH NEW LDPE TUBING. EXTRA PURGE VOLUME REQUIRED FOR EC + PH STABILITY. RECOMMEND SWITCHING TUBING TO PVDF OR STIFF HDPE.

CALIBRATION ON 12/9/03 AT 10:24. DO: AUTO; PH: 7.06, 10.18; TEMP: 10°C; COND: 0, 2060; TURB: 0;

SIGNATURE: Chuck Mein DATE: 12/9/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: BN-C GAS MINI MART
SAMPLE ID: CMT3-23
PROJECT NO: BNC103
SAMPLED BY: C. Munin
CLIENT: BN-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): 65.0	Volume in Casing (gal): 947
Depth to Water (ft): 41.34	Calculated Purge (volumes / gal): 1894
Height of Water Column (ft): 23.66	Actual Pre-Sampling Purge (gal): 1900

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" @ 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)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	DO Other (mg/L)	Observation
1600	950	18.2	950	7.70	LT. BROWN	VERY HIGH	2.49	
1606	1425	18.1	950	7.59	↓	↓	2.97	
1610	1900	18.9	960	7.56	↓	↓	3.41	

Purge Date: 12/4/03

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 HDPE 1/4" @ 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
1614	18.0	960	7.54	3.43	LT. BROWN	7999	

Sheen: NONE Odor: NONE Sample Date: 12/4/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. HDPE TUBING WORKED GOOD. NO PROBLEMS.

SIGNATURE: Chuck Munin DATE: 12/4/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT3-Z4
PROJECT NO: BNC103
SAMPLED BY: C. Mein
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): 1857
Depth to Water (ft): 41.59	Calculated Purge (volumes / ~~gal~~ mL): 3714
Height of Water Column (ft): 46.41	Actual Pre-Sampling Purge (~~gal~~ mL): 375

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" @ 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 (mL)	Temp. (°C)	Elec. Conductivity (µmhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	DO ~~Other~~ (mg/L)	Observation
1702	1875	16.8	1040	7.73	LT. BROWN	VERY HIGH	3.18	
1715	2825	16.6	1030	7.73	↓	↓	4.02	
1727	3775	16.9	1030	7.68	↓	↓	4.06	

Purge Date: 12/4/03

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" @ 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
1733	16.9	1030	7.71	3.47	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/4/03

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

REMARKS: 2 CASING VOLUME PURGE. HAD TO SWITCH TUBING FROM HDPE TO PVDF DUE TO EXCESSIVE FRICTION, BAD CHECK VALVE HAD TO REPLACE. CHECK VALVE STILL STICKING. PROBLEMS WITH VALVES.

SIGNATURE: Chuck Mein DATE: 12/4/03

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 23 - 25
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 108.0	Volume in Casing (~~gal~~) ml: 2645
Depth to Water (ft): 41.88	Calculated Purge (volumes / ~~gal~~) ml: 5290
Height of Water Column (ft): 66.12	Actual Pre-Sampling Purge (~~gal~~) ml: 5295

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" @ 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 DO (mg/L)	Observation
CMT 1504	2645	17.8	940	8.13	LT. BROWN	VERY HIGH	1.70	
1510	3970	17.7	960	8.19	↓	↓	2.92	
1520	5295	18.4	960	8.11	↓	↓	3.14	

Purge Date: 12/9/03

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" @ 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
1530	15.0	970	8.07	2.07	LT. BROWN	>999	

Sheen: NONE Odor: SLIGHT Sample Date: 12/9/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. REPLACED FEP TUBING WITH PVDF TUBING. THE PVDF TUBING WORKS GOOD. NO PROBLEMS.

SIGNATURE: Chuck Muir **DATE:** 12/9/03

Conor Pacific EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 3 - 26
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 132.0	Volume in Casing (~~gal~~ ml): 3618
Depth to Water (ft): 41.56	Calculated Purge (volumes / ~~gal~~ ml): 7236
Height of Water Column (ft): 90.44	Actual Pre-Sampling Purge (~~gal~~ ml): 7240

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" @ 131' 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)	DO (mg/L) (~~Other~~)	Observation
1335	3620	18.9	900	8.17	LT. BROWN	VERY HIGH	2.45	MODERATE ODOR
1341	5430	19.3	920	8.05	↓	↓	1.61	SLIGHT ODOR
1348	7240	19.6	920	8.01	↓	↓	2.04	

Purge Date: 12/9/03

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" @ 131' Other INERTIAL LIFT

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1353	16.0	900	8.00	1.89	LT. BROWN	>999	

Sheen: NONE Odor: MODERATE Sample Date: 12/9/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. REPLACED TEF TUBING WITH PVDF TUBING. PVDF TUBING WORKS GOOD, NO PROBLEMS.

SIGNATURE: Chuck Muir DATE: 12/9/03

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EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 3-Z7
PROJECT NO: BNC103
SAMPLED BY: C-Min
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): 155.0	Volume in Casing (gal): CM 113 4509
Depth to Water (ft): 42.28	Calculated Purge (volumes / gal): 9018
Height of Water Column (ft): 112.72	Actual Pre-Sampling Purge (gal): 9020

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 LIFT @ 154'
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)	DO (mg/L) Other	Observation
1238	4520	18.2	910	8.09	BROWN	VERY HIGH	2.06	SLIGHT ODOR
1242	6770	19.2	900	8.04	↓	↓	2.08	↓
1249	9020	19.4	900	7.99	↓	↓	2.80	↓

Purge Date: 12/9/03

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 LIFT @ 154'

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1254	16.9	910	8.08	2.51	LT. BROWN	7999	

Sheen: NONE Odor: MODERATE Sample Date: 12/9/03

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

REMARKS: 2 CASING VOLUME PURGE. REPLACED TEF TUBING WITH PVDF TUBING. NO PROBLEMS. TUBING WORKS GREAT

SIGNATURE: Chuck Min DATE: 12/9/03

Conor Pacific | EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT4-Z1
PROJECT NO: BNC103
SAMPLED BY: C. Min
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): 25.9
Depth to Water (ft): DRY
Height of Water Column (ft): —
Volume in Casing (gal): —
Calculated Purge (volumes / gal.): —
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
		WELL DRY 12/1/03						

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
							WELL DRY

Sheen: ____ Odor: ____ Sample Date: ____

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

REMARKS: MEASURED DTW AT 1000. WELL DRY. NO SAMPLES COLLECTED

SIGNATURE: Chuck Min **DATE:** 12/1/03

Conor Pacific | EFW

3 x VOA/HCl ONLY.

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT4-22
PROJECT NO: BNC03
SAMPLED BY: C. Mun
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): 37.7	Volume in Casing (~~gal~~ ml): 169
Depth to Water (ft): 33.50	Calculated Purge (volumes / ~~gal~~ ml): 336
Height of Water Column (ft): 4.20	Actual Pre-Sampling Purge (~~gal~~ ml): 280

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: 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 (DO mg/L)	Observation
1036	200	18.7	1300	7.37	LT. BROWN	HIGH	4.21	
1042	280							WELL DRY

Purge Date: 12/1/03

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
917							WELL DRY

Sheen: ____ Odor: ____ Sample Date: 12/2/03

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

REMARKS: 40ml/ft. DTW AT 1043 WAS 37.43'. PURGED 280mL, WELL DRY AT 1042. WELL ALLOWED TO RECHARGE. 2 CASING VOLUME PURGE. DTW AT 1643 WAS 35.13, WELL ALLOWED TO RECHARGE OVER NIGHT. 12/2/03 DTW AT 912 WAS 33.86'. COLLECTED SAMPLES AT 917. COLLECTED 3 x 40mL VOA/HCl BEFORE WELL WENT DRY. CALIBRATION ON 12/1/03 AT 1000. DO: AUTO, PH: 7.04, 10.11, TEMP: 15°C, COND: 0, 2060, TURB: 0;

SIGNATURE: Chris Mun DATE: 12/2/03

23 & 28

Conor Pacific | **EFW**

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT4-Z3
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 51.7	Volume in Casing (~~gal~~) mL: 740
Depth to Water (ft): 33.22	Calculated Purge (volumes / ~~gal~~) mL: 1480
Height of Water Column (ft): 18.48	Actual Pre-Sampling Purge (~~gal~~) mL: 1480

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: DRUMS
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)	DO mg/L (~~Other~~)	Observation
1055	740	20.3	1080	8.12	BROWN	VERY HIGH	0.28	
1105	1110	19.7	1040	7.88	↓	HIGH	3.84	
1111	1480	20.0	1040	7.85	↓	↓	4.65	

Purge Date: 12/1/03

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
1120	19.4	1050	7.90	3.51	LT. BROWN	>999	

Sheen: NONE Odor: SLIGHT Sample Date: 12/1/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: TUBING STICKS BETWEEN 49-51'. 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Muir DATE: 12/1/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT4-24
PROJECT NO: BNC103
SAMPLED BY: C. Muir
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): 61.7	Volume in Casing (~~gal~~ ml): 1134
Depth to Water (ft): 33.37	Calculated Purge (volumes / ~~gal~~ ml): 2268
Height of Water Column (ft): 28.33	Actual Pre-Sampling Purge (~~gal~~ ml): 2270

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)	DO (mg/L) ~~Other~~	Observation
1207	1140	21.6	1050	7.71	LT. BROWN	HIGH	9.60	
1216	1710	19.8	1040	7.57	↓	VERY HIGH	4.25	
1224	2270	19.8	994	7.50	↓	↓	3.49	

Purge Date: 12/1/03

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
1230	20.2	1040	7.51	4.34	LT. BROWN	7999	

Sheen: NONE Odor: SLIGHT Sample Date: 12/1/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: LDPE TUBING 1/4" DIFFICULT PUSHING TUBING TO BOTTOM OF WELL. TUBING GETS STUCK THEN BENDS. 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Muir DATE: 12/1/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT4-Z5
PROJECT NO: BNC103
SAMPLED BY: C. min
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): 71.8
Depth to Water (ft): 33.42
Height of Water Column (ft): 38.38
Volume in Casing ~~(gal)~~ mL: 1536
Calculated Purge (volumes / ~~gal.~~ mL: 3072
Actual Pre-Sampling Purge ~~(gal)~~ mL: 3075

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" @ 70' 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~~ DO (mg/L)	Observation
1310	1540	20.3	1050	7.46	LT. BROWN	VERY HIGH	3.36	
1315	2310	20.5	1070	7.41	↓	↓	2.53	
1318	3075	20.5	1050	7.42	↓	↓	2.22	

Purge Date: 12/1/03

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" @ 70' 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
1326	20.2	997	7.41	2.11	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/1/03

Field Measurement Devices: Horiba U-10 . Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Min **DATE:** 12/1/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT 4-26
PROJECT NO: BNC103
SAMPLED BY: C. Murin
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): 106.7	Volume in Casing (~~gal~~) ml: 2743
Depth to Water (ft): 38.13	Calculated Purge (volumes / ~~gal.~~) ml: 5486
Height of Water Column (ft): 68.57	Actual Pre-Sampling Purge (~~gal~~) ml: 5490

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" @ 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)	DO (mg/L) ~~Other~~	Observation
1430	2750	19.9	984	8.03	BROWN	VERY HIGH	1.63	
1440	4125	20.1	993	7.88	↓	↓	1.58	
1450	5490	20.2	1040	7.84	↓	↓	1.72	

Purge Date: 12/1/03

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" @ 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
1455	19.3	970	7.86	2.68	LT. BROWN	>999	

Sheen: NONE Odor: SLIGHT Sample Date: 12/1/03

Field Measurement Devices: Horiba U-44 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: ORIGINALLY TUBING WAS PVDF 1/4" 80' IN LENGTH. HAD TO CUT NEW LONGER PIECE TO REACH CLOSER TO BOTTOM OF WELL (TD). 2 CASING VOLUME PURGE.

SIGNATURE: Chuck Murin DATE: 12/1/03

Conor Pacific

EFW

WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART
SAMPLE ID: CMT4-27
PROJECT NO: BNC103
SAMPLED BY: C. Min
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): 136.0
Depth to Water (ft): 40.27
Height of Water Column (ft): 95.73
Volume in Casing ~~(gal)~~ mL: 5830
Calculated Purge (volumes / ~~gal~~ mL): 7660
Actual Pre-Sampling Purge ~~(gal)~~ mL: 7700

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" @ 133' 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)	DO ~~Other~~ mg/L	Observation
1602	3850	19.1	850	7.65	LT. BROWN	VERY HIGH	3.62	
1615	5775	18.6	825	7.76 7.95 cm	BROWN	↓	1.36	BROWN COLOR
1621	7700	19.5	837	7.66	LT. BROWN	↓	4.12	LT. BROWN COLOR

Purge Date: 12/1/03

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" @ 133' 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
1630	18.4	847	7.73	4.23	LT. BROWN	>999	

Sheen: NONE Odor: NONE Sample Date: 12/1/03

Field Measurement Devices: Horiba H4 Omega ____ QuickCheck ____ D.O. Test Kit ____
REMARKS: 2 CASING VOLUME PURGE. ORIGINAL TUBING WAS PVDF 1/4" 80' IN LENGTH. HAD TO CUT NEW LOWER PIECE OF TUBING TO REACH CLOSER TO BOTTOM OF WELL(TD). CHECK VALVE KEPT GETTING CLOGGED WITH SAND ADJUSTING PURGE AND SAMPLING DEPTH TO ~133'.

SIGNATURE: Chuck Min DATE: 12/1/03

APPENDIX B

Laboratory Certified Analytical Reports

4403 gw 1/2

Sequoia Analytical

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

19 December, 2003

Kris Johnson
Conor Pacific / EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043

RE: B&C Gas Mini Mart
Work Order: P312061

Enclosed are the results of analyses for samples received by the laboratory on 11/26/03 13:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari For Mark Shipman
Project Manager

CA ELAP Certificate #2374

Sequoia Analytical

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

Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	P312061-01	Water	11/25/03 16:35	11/26/03 13:35
MW-5	P312061-02	Water	11/24/03 15:10	11/26/03 13:35
MW-7	P312061-03	Water	11/25/03 13:22	11/26/03 13:35
MW-8	P312061-04	Water	11/25/03 12:05	11/26/03 13:35
MW-9	P312061-05	Water	11/25/03 14:00	11/26/03 13:35
MW-10	P312061-06	Water	11/25/03 12:43	11/26/03 13:35
MW-11	P312061-07	Water	11/25/03 10:53	11/26/03 13:35
MW-12	P312061-08	Water	11/24/03 16:38	11/26/03 13:35
D-1	P312061-09	Water	11/25/03 10:16	11/26/03 13:35
D-2	P312061-10	Water	11/24/03 16:10	11/26/03 13:35
MSMW01	P312061-11	Water	11/24/03 14:22	11/26/03 13:35

Sequoia Analytical

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (P312061-01) Water Sampled: 11/25/03 16:35 Received: 11/26/03 13:35									
Gasoline Range Organics	**11000**	250	ug/l	5	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
MW-5 (P312061-02) Water Sampled: 11/24/03 15:10 Received: 11/26/03 13:35									
Gasoline Range Organics	**18000**	1000	ug/l	20	3120133	12/05/03	12/05/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*96 %*	*65-135*		"	"	"	"	
MW-7 (P312061-03) Water Sampled: 11/25/03 13:22 Received: 11/26/03 13:35									
Gasoline Range Organics	**1400**	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*93 %*	*65-135*		"	"	"	"	
MW-8 (P312061-04) Water Sampled: 11/25/03 12:05 Received: 11/26/03 13:35									
Gasoline Range Organics	ND	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*93 %*	*65-135*		"	"	"	"	
MW-9 (P312061-05) Water Sampled: 11/25/03 14:00 Received: 11/26/03 13:35									
Gasoline Range Organics	ND	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*93 %*	*65-135*		"	"	"	"	
MW-10 (P312061-06) Water Sampled: 11/25/03 12:43 Received: 11/26/03 13:35									
Gasoline Range Organics	ND	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*92 %*	*65-135*		"	"	"	"	
MW-11 (P312061-07) Water Sampled: 11/25/03 10:53 Received: 11/26/03 13:35									
Gasoline Range Organics	ND	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*90 %*	*65-135*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12 (P312061-08) Water Sampled: 11/24/03 16:38 Received: 11/26/03 13:35									
Gasoline Range Organics	ND	50	ug/l	1	3120133	12/05/03	12/05/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*93 %*	*65-135*		"	"	"	"	
D-1 (P312061-09) Water Sampled: 11/25/03 10:16 Received: 11/26/03 13:35									
Gasoline Range Organics	ND	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*91 %*	*65-135*		"	"	"	"	
D-2 (P312061-10) Water Sampled: 11/24/03 16:10 Received: 11/26/03 13:35									
Gasoline Range Organics	ND	50	ug/l	1	3120133	12/05/03	12/05/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*95 %*	*65-135*		"	"	"	"	
MSMW01 (P312061-11) Water Sampled: 11/24/03 14:22 Received: 11/26/03 13:35									
Gasoline Range Organics	**3000**	100	ug/l	2	3120158	12/06/03	12/06/03	EPA 8015B-VOA	A-01
Surrogate: 4-Bromofluorobenzene		*100 %*	*65-135*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (P312061-01) Water Sampled: 11/25/03 16:35 Received: 11/26/03 13:35									
Tert-butyl alcohol	ND	1000	ug/l	50	3120190	12/08/03	12/08/03	EPA 8260B	
Ethanol	ND	5000	"	"	"	"	"	"	
Ethylbenzene	**29**	25	"	"	"	"	"	"	
Xylenes (total)	**140**	25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*89 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*84-119*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*86-119*		"	"	"	"	
MW-1 (P312061-01RE1) Water Sampled: 11/25/03 16:35 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120234	12/09/03	12/09/03	EPA 8260B	
Benzene	**27**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.2**	0.50	"	"	"	"	"	"	
Toluene	**17**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*120 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*128 %*	*84-119*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*127 %*	*86-119*		"	"	"	"	*S-04*
MW-5 (P312061-02) Water Sampled: 11/24/03 15:10 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	100	ug/l	100	3120143	12/05/03	12/05/03	EPA 8260B	
Benzene	**1300**	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	2000	"	"	"	"	"	"	
Di-isopropyl ether	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Ethanol	ND	10000	"	"	"	"	"	"	
Ethylbenzene	**1300**	50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**690**	50	"	"	"	"	"	"	
Toluene	**120**	50	"	"	"	"	"	"	
Xylenes (total)	**420**	50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*92 %*	*84-122*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (P312061-02) Water Sampled: 11/24/03 15:10 Received: 11/26/03 13:35									
Surrogate: 1,2-Dichloroethane-d4		*92 %*		*74-135*	*3120143*	*12/05/03*	*12/05/03*	*EPA 8260B*	
Surrogate: Toluene-d8		*95 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*		*86-119*	"	"	"	"	
MW-7 (P312061-03) Water Sampled: 11/25/03 13:22 Received: 11/26/03 13:35									
Benzene	**18**	1.2	ug/l	2.5	3120190	12/08/03	12/08/03	EPA 8260B	
Ethylbenzene	**17**	1.2	"	"	"	"	"	"	
Methyl tert-butyl ether	**43**	1.2	"	"	"	"	"	"	
Xylenes (total)	**1.3**	1.2	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*95 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*		*86-119*	"	"	"	"	
MW-7 (P312061-03RE1) Water Sampled: 11/25/03 13:22 Received: 11/26/03 13:35									
Tert-amyl methyl ether	**1.1**	1.0	ug/l	1	3120240	12/09/03	12/09/03	EPA 8260B	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Toluene	**1.6**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (P312061-04) Water Sampled: 11/25/03 12:05 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120143	12/05/03	12/05/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	1.7	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*94 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*		*86-119*	"	"	"	"	
MW-9 (P312061-05) Water Sampled: 11/25/03 14:00 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120143	12/05/03	12/05/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*94 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (P312061-06) Water Sampled: 11/25/03 12:43 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120190	12/08/03	12/08/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*99 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*		*86-119*	"	"	"	"	
MW-11 (P312061-07) Water Sampled: 11/25/03 10:53 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120190	12/08/03	12/08/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*96 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12 (P312061-08) Water Sampled: 11/24/03 16:38 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120143	12/05/03	12/05/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*		*84-122*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*		*74-135*		"	"	"	
Surrogate: Toluene-d8		*96 %*		*84-119*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*		*86-119*		"	"	"	
D-1 (P312061-09) Water Sampled: 11/25/03 10:16 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120190	12/08/03	12/08/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*		*84-122*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*		*74-135*		"	"	"	
Surrogate: Toluene-d8		*98 %*		*84-119*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*		*86-119*		"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
D-2 (P312061-10) Water Sampled: 11/24/03 16:10 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120143	12/05/03	12/05/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*94 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*		*86-119*	"	"	"	"	
MSMW01 (P312061-11) Water Sampled: 11/24/03 14:22 Received: 11/26/03 13:35									
Tert-amyl methyl ether	ND	5.0	ug/l	5	3120143	12/05/03	12/05/03	EPA 8260B	
Benzene	**31**	2.5	"	"	"	"	"	"	
Tert-butyl alcohol	ND	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
Ethylbenzene	**61**	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**8.7**	2.5	"	"	"	"	"	"	
Toluene	**2.6**	2.5	"	"	"	"	"	"	
Xylenes (total)	**7.4**	2.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*96 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120133 - EPA 5030B, waters										
Blank (3120133-BLK1)				Prepared & Analyzed: 12/05/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*278*		"	*300*		*93*	*65-135*			
Laboratory Control Sample (3120133-BS1)				Prepared & Analyzed: 12/05/03						
Gasoline Range Organics	2190	50	ug/l	2750		80	65-135			
Surrogate: 4-Bromofluorobenzene	*296*		"	*300*		*99*	*65-135*			
Matrix Spike (3120133-MS1)	**Source: P311552-13**			Prepared & Analyzed: 12/05/03						
Gasoline Range Organics	2520	50	ug/l	2750	340	79	65-135			
Surrogate: 4-Bromofluorobenzene	*298*		"	*300*		*99*	*65-135*			
Matrix Spike Dup (3120133-MSD1)	**Source: P311552-13**			Prepared & Analyzed: 12/05/03						
Gasoline Range Organics	2380	50	ug/l	2750	340	74	65-135	6	20	
Surrogate: 4-Bromofluorobenzene	*285*		"	*300*		*95*	*65-135*			
Batch 3120158 - EPA 5030B, waters										
Blank (3120158-BLK1)				Prepared & Analyzed: 12/06/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*276*		"	*300*		*92*	*65-135*			
Laboratory Control Sample (3120158-BS1)				Prepared & Analyzed: 12/06/03						
Gasoline Range Organics	2210	50	ug/l	2750		80	65-135			
Surrogate: 4-Bromofluorobenzene	*319*		"	*300*		*106*	*65-135*			
Matrix Spike (3120158-MS1)	**Source: P311494-03**			Prepared & Analyzed: 12/06/03						
Gasoline Range Organics	2920	50	ug/l	2750	320	95	65-135			
Surrogate: 4-Bromofluorobenzene	*302*		"	*300*		*101*	*65-135*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120158 - EPA 5030B, waters										
Matrix Spike Dup (3120158-MSD1)	**Source: P311494-03**			Prepared & Analyzed: 12/06/03						
Gasoline Range Organics	2860	50	ug/l	2750	320	92	65-135	2	20	
Surrogate: 4-Bromofluorobenzene	*306*		"	*300*		*102*	*65-135*			
Batch 3120174 - EPA 5030B, waters										
Blank (3120174-BLK1)				Prepared & Analyzed: 12/07/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*284*		"	*300*		*95*	*65-135*			
Laboratory Control Sample (3120174-BS1)				Prepared & Analyzed: 12/07/03						
Gasoline Range Organics	2050	50	ug/l	2750		75	65-135			
Surrogate: 4-Bromofluorobenzene	*296*		"	*300*		*99*	*65-135*			
Matrix Spike (3120174-MS1)	**Source: P312014-01**			Prepared & Analyzed: 12/07/03						
Gasoline Range Organics	2080	50	ug/l	2750	29	75	65-135			
Surrogate: 4-Bromofluorobenzene	*298*		"	*300*		*99*	*65-135*			
Matrix Spike Dup (3120174-MSD1)	**Source: P312014-01**			Prepared & Analyzed: 12/07/03						
Gasoline Range Organics	2110	50	ug/l	2750	29	76	65-135	1	20	
Surrogate: 4-Bromofluorobenzene	*304*		"	*300*		*101*	*65-135*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120143 - EPA 5030B waters										
Blank (3120143-BLK1)				Prepared & Analyzed: 12/05/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.62*		"	*6.00*		*94*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.54*		"	*6.00*		*92*	*74-135*			
Surrogate: Toluene-d8	*5.73*		"	*6.00*		*96*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.69*		"	*6.00*		*95*	*86-119*			
Laboratory Control Sample (3120143-BS1)				Prepared & Analyzed: 12/05/03						
Tert-amyl methyl ether	4.77	1.0	ug/l	5.00		95	70-116			
Benzene	4.85	0.50	"	5.00		97	81-118			
Tert-butyl alcohol	115	20	"	100		115	62-142			
Di-isopropyl ether	5.13	1.0	"	5.00		103	71-121			
1,2-Dibromoethane (EDB)	5.10	0.50	"	5.00		102	92-117			
1,2-Dichloroethane	5.07	0.50	"	5.00		101	79-126			
Ethanol	183	100	"	100		183	65-135			Q-29
Ethylbenzene	4.88	0.50	"	5.00		98	89-122			
Ethyl tert-butyl ether	5.10	1.0	"	5.00		102	71-110			
Methyl tert-butyl ether	5.15	0.50	"	5.00		103	77-123			
Toluene	4.86	0.50	"	5.00		97	84-119			
Xylenes (total)	15.1	0.50	"	15.0		101	86-132			
Surrogate: Dibromofluoromethane	*6.04*		"	*6.00*		*101*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.72*		"	*6.00*		*95*	*74-135*			
Surrogate: Toluene-d8	*5.72*		"	*6.00*		*95*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.68*		"	*6.00*		*95*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120143 - EPA 5030B waters										
Laboratory Control Sample Dup (3120143-BSD1)				Prepared & Analyzed: 12/05/03						
Tert-amyl methyl ether	4.92	1.0	ug/l	5.00		98	70-116	3	20	
Benzene	4.80	0.50	"	5.00		96	81-118	1	20	
Tert-butyl alcohol	96.1	20	"	100		96	62-142	18	20	
Di-isopropyl ether	4.76	1.0	"	5.00		95	71-121	7	20	
1,2-Dibromoethane (EDB)	5.47	0.50	"	5.00		109	92-117	7	20	
1,2-Dichloroethane	5.09	0.50	"	5.00		102	79-126	0.4	20	
Ethanol	124	100	"	100		124	65-135	38	20	QR-07
Ethylbenzene	4.74	0.50	"	5.00		95	89-122	3	20	
Ethyl tert-butyl ether	4.87	1.0	"	5.00		97	71-110	5	20	
Methyl tert-butyl ether	4.82	0.50	"	5.00		96	77-123	7	20	
Toluene	4.86	0.50	"	5.00		97	84-119	0	20	
Xylenes (total)	15.1	0.50	"	15.0		101	86-132	0	20	
Surrogate: Dibromofluoromethane	*5.75*		"	*6.00*		*96*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.81*		"	*6.00*		*97*	*74-135*			
Surrogate: Toluene-d8	*5.82*		"	*6.00*		*97*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.68*		"	*6.00*		*95*	*86-119*			
Batch 3120190 - EPA 5030B waters										
Blank (3120190-BLK1)				Prepared & Analyzed: 12/08/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.48*		"	*6.00*		*91*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.65*		"	*6.00*		*94*	*74-135*			
Surrogate: Toluene-d8	*5.85*		"	*6.00*		*98*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.68*		"	*6.00*		*95*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120190 - EPA 5030B waters										
Laboratory Control Sample (3120190-BS1)				Prepared & Analyzed: 12/08/03						
Tert-amyl methyl ether	4.95	1.0	ug/l	5.00		99	70-116			
Benzene	5.23	0.50	"	5.00		105	81-118			
Tert-butyl alcohol	75.7	20	"	100		76	62-142			
Di-isopropyl ether	5.30	1.0	"	5.00		106	71-121			
1,2-Dibromoethane (EDB)	5.11	0.50	"	5.00		102	92-117			
1,2-Dichloroethane	5.36	0.50	"	5.00		107	79-126			
Ethanol	68.4	100	"	100		68	65-135			
Ethylbenzene	5.30	0.50	"	5.00		106	89-122			
Ethyl tert-butyl ether	4.98	1.0	"	5.00		100	71-110			
Methyl tert-butyl ether	4.84	0.50	"	5.00		97	77-123			
Toluene	5.36	0.50	"	5.00		107	84-119			
Xylenes (total)	15.7	0.50	"	15.0		105	86-132			
Surrogate: Dibromofluoromethane	*5.80*		"	*6.00*		*97*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.80*		"	*6.00*		*97*	*74-135*			
Surrogate: Toluene-d8	*5.92*		"	*6.00*		*99*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.79*		"	*6.00*		*96*	*86-119*			
Laboratory Control Sample Dup (3120190-BSD1)				Prepared & Analyzed: 12/08/03						
Tert-amyl methyl ether	4.82	1.0	ug/l	5.00		96	70-116	3	20	
Benzene	4.82	0.50	"	5.00		96	81-118	8	20	
Tert-butyl alcohol	98.3	20	"	100		98	62-142	26	20	QR-02
Di-isopropyl ether	5.04	1.0	"	5.00		101	71-121	5	20	
1,2-Dibromoethane (EDB)	4.75	0.50	"	5.00		95	92-117	7	20	
1,2-Dichloroethane	5.02	0.50	"	5.00		100	79-126	7	20	
Ethanol	112	100	"	100		112	65-135	48	20	QR-02
Ethylbenzene	4.73	0.50	"	5.00		95	89-122	11	20	
Ethyl tert-butyl ether	4.86	1.0	"	5.00		97	71-110	2	20	
Methyl tert-butyl ether	4.76	0.50	"	5.00		95	77-123	2	20	
Toluene	4.87	0.50	"	5.00		97	84-119	10	20	
Xylenes (total)	14.3	0.50	"	15.0		95	86-132	9	20	
Surrogate: Dibromofluoromethane	*6.01*		"	*6.00*		*100*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.65*		"	*6.00*		*94*	*74-135*			
Surrogate: Toluene-d8	*5.88*		"	*6.00*		*98*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.82*		"	*6.00*		*97*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120234 - EPA 5030B waters										
Blank (3120234-BLK1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
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	*6.12*		"	*5.00*		*122*	*74-135*			
Surrogate: Toluene-d8	*4.99*		"	*5.00*		*100*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.03*		"	*5.00*		*101*	*86-119*			
Laboratory Control Sample (3120234-BS1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	5.34	1.0	ug/l	5.00		107	70-116			
Benzene	4.68	0.50	"	5.00		94	81-118			
Tert-butyl alcohol	112	20	"	100		112	62-142			
Di-isopropyl ether	4.69	1.0	"	5.00		94	71-121			
1,2-Dibromoethane (EDB)	5.72	0.50	"	5.00		114	92-117			
1,2-Dichloroethane	5.71	0.50	"	5.00		114	79-126			
Ethanol	87.3	100	"	100		87	65-135			
Ethylbenzene	5.31	0.50	"	5.00		106	89-122			
Ethyl tert-butyl ether	5.08	1.0	"	5.00		102	71-110			
Methyl tert-butyl ether	4.97	0.50	"	5.00		99	77-123			
Toluene	4.92	0.50	"	5.00		98	84-119			
Xylenes (total)	15.6	0.50	"	15.0		104	86-132			
Surrogate: Dibromofluoromethane	*5.33*		"	*5.00*		*107*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.49*		"	*5.00*		*110*	*74-135*			
Surrogate: Toluene-d8	*5.09*		"	*5.00*		*102*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.58*		"	*5.00*		*112*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120234 - EPA 5030B waters										
Matrix Spike (3120234-MS1)	**Source: P312062-04RE1**			Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	51.5	10	ug/l	50.0	ND	103	70-116			
Benzene	44.7	5.0	"	50.0	ND	89	81-118			
Tert-butyl alcohol	1180	200	"	1000	ND	118	62-142			
Di-isopropyl ether	45.8	10	"	50.0	ND	92	71-121			
1,2-Dibromoethane (EDB)	56.2	5.0	"	50.0	ND	112	92-117			
1,2-Dichloroethane	57.9	5.0	"	50.0	ND	116	79-126			
Ethanol	873	1000	"	1000	ND	87	65-135			
Ethylbenzene	49.6	5.0	"	50.0	ND	99	89-122			
Ethyl tert-butyl ether	49.4	10	"	50.0	ND	99	71-110			
Methyl tert-butyl ether	50.4	5.0	"	50.0	ND	101	77-123			
Toluene	46.3	5.0	"	50.0	ND	93	84-119			
Xylenes (total)	149	5.0	"	150	ND	99	86-132			
Surrogate: Dibromofluoromethane	*5.17*		"	*5.00*		*103*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.53*		"	*5.00*		*111*	*74-135*			
Surrogate: Toluene-d8	*4.79*		"	*5.00*		*96*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.25*		"	*5.00*		*105*	*86-119*			
Matrix Spike Dup (3120234-MSD1)	**Source: P312062-04RE1**			Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	49.0	10	ug/l	50.0	ND	98	70-116	5	20	
Benzene	43.4	5.0	"	50.0	ND	87	81-118	3	20	
Tert-butyl alcohol	1070	200	"	1000	ND	107	62-142	10	20	
Di-isopropyl ether	43.1	10	"	50.0	ND	86	71-121	6	20	
1,2-Dibromoethane (EDB)	52.6	5.0	"	50.0	ND	105	92-117	7	20	
1,2-Dichloroethane	56.1	5.0	"	50.0	ND	112	79-126	3	20	
Ethanol	782	1000	"	1000	ND	78	65-135	11	20	
Ethylbenzene	47.2	5.0	"	50.0	ND	94	89-122	5	20	
Ethyl tert-butyl ether	47.6	10	"	50.0	ND	95	71-110	4	20	
Methyl tert-butyl ether	48.6	5.0	"	50.0	ND	97	77-123	4	20	
Toluene	43.4	5.0	"	50.0	ND	87	84-119	6	20	
Xylenes (total)	143	5.0	"	150	ND	95	86-132	4	20	
Surrogate: Dibromofluoromethane	*5.24*		"	*5.00*		*105*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.81*		"	*5.00*		*116*	*74-135*			
Surrogate: Toluene-d8	*4.87*		"	*5.00*		*97*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.29*		"	*5.00*		*106*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120240 - EPA 5030B waters										
Blank (3120240-BLK1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.96*		"	*6.00*		*99*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.63*		"	*6.00*		*94*	*74-135*			
Surrogate: Toluene-d8	*6.10*		"	*6.00*		*102*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.84*		"	*6.00*		*97*	*86-119*			
Laboratory Control Sample (3120240-BS1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	5.27	1.0	ug/l	5.00		105	70-116			
Benzene	5.33	0.50	"	5.00		107	81-118			
Tert-butyl alcohol	110	20	"	100		110	62-142			
Di-isopropyl ether	5.21	1.0	"	5.00		104	71-121			
1,2-Dibromoethane (EDB)	5.55	0.50	"	5.00		111	92-117			
1,2-Dichloroethane	5.16	0.50	"	5.00		103	79-126			
Ethanol	150	100	"	100		150	65-135			Q-29
Ethylbenzene	5.57	0.50	"	5.00		111	89-122			
Ethyl tert-butyl ether	5.01	1.0	"	5.00		100	71-110			
Methyl tert-butyl ether	5.14	0.50	"	5.00		103	77-123			
Toluene	5.29	0.50	"	5.00		106	84-119			
Xylenes (total)	17.2	0.50	"	15.0		115	86-132			
Surrogate: Dibromofluoromethane	*5.82*		"	*6.00*		*97*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.79*		"	*6.00*		*96*	*74-135*			
Surrogate: Toluene-d8	*6.19*		"	*6.00*		*103*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.94*		"	*6.00*		*99*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

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 3120240 - EPA 5030B waters										
Laboratory Control Sample Dup (3120240-BSD1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	5.72	1.0	ug/l	5.00		114	70-116	8	20	
Benzene	5.80	0.50	"	5.00		116	81-118	8	20	
Tert-butyl alcohol	135	20	"	100		135	62-142	20	20	
Di-isopropyl ether	5.74	1.0	"	5.00		115	71-121	10	20	
1,2-Dibromoethane (EDB)	5.85	0.50	"	5.00		117	92-117	5	20	
1,2-Dichloroethane	5.69	0.50	"	5.00		114	79-126	10	20	
Ethanol	163	100	"	100		163	65-135	8	20	Q-29
Ethylbenzene	6.05	0.50	"	5.00		121	89-122	8	20	
Ethyl tert-butyl ether	5.52	1.0	"	5.00		110	71-110	10	20	
Methyl tert-butyl ether	5.68	0.50	"	5.00		114	77-123	10	20	
Toluene	5.59	0.50	"	5.00		112	84-119	6	20	
Xylenes (total)	18.5	0.50	"	15.0		123	86-132	7	20	
Surrogate: Dibromofluoromethane	*5.92*		"	*6.00*		*99*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.78*		"	*6.00*		*96*	*74-135*			
Surrogate: Toluene-d8	*6.27*		"	*6.00*		*104*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*6.03*		"	*6.00*		*100*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312061
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/19/03 15:41

Notes and Definitions

A-01	This sample had free product floating on the surface. This result is from below that surface.
Q-29	The percent recovery in the quality control analyte exceeded the upper control limit. Because there was no detectable amount of this compound in the associated sample, the result has been reported.
QR-02	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.
QR-07	The RPD was outside control limits. The results may still be useful for their intended purpose.
S-04	The surrogate recovery for this sample is outside control limits due to interference from the sample matrix.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Conor Pacific | EFW

CHAIN OF CUSTODY

Pet

Page 1 of 1

Quotation No. X

PROJECT NO.:	SITE NAME:
BNC103	B-N-C GAS MINI MART
SAMPLER(S): C. MUIR (printed)	C. Muir (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	ANALYSES: TPH-GAS	ANALYSES: BTEX, OXY-8 BY EPA 8260	Cont. Qty.	Remarks
						Type/Vol.	VOA 40	VOA 40		
						Filter	N	N		
						Preserv.	HCl	HCl		
MW-1		11/25/03	1635	WATER			3	3	6	~~HOLD~~ RUN CLOSE TO
MW-5		11/24/03	1510				3	3	6	NEAT.
MW-7		11/25/03	1322				3	3	6	
MW-8		↓	1205				3	3	6	REPORT MDL's, PQL's +
MW-9		↓	1400				3	3	6	TRACE.
MW-10		↓	1243				3	3	6	
MW-11		↓	1053				3	3	6	
MW-12		11/24/03	1638				3	3	6	
D-1		11/25/03	1016				3	3	6	
D-2		11/24/03	1610				3	3	6	
MSMW01		11/24/03	1422	↓			3	3	6	

Relinquished by: (signature)	Received by: (signature)	Date/Time:
C. Muir	S Brodrick	11/26/03 1335
S Brodrick	Cindy Johnson Seq MH	11/26/03 1710
Cindy Johnson Seq MH		12/1 11:15

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

P31206 1

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: C/P
REC. BY (PRINT) KCI
WORKORDER: 312061

DATE Received at Lab: 12-2-03
TIME Received at Lab: 1615-20
LOG IN DATE: 12-3-03

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent			MW-1	1 EXPV	W	11-25	
	Intact / Broken*			5			11-24	
2. Chain-of-Custody	Present / Absent*			7			11-25	
3. Traffic Reports or Packing List:	Present / Absent			8				
4. Airbill:	Airbill / Sticker			9				
	Present / Absent			10				
5. Airbill #:				11				
6. Sample Labels:	Present / Absent			12			11-24	
7. Sample IDs:	Listed / Not Listed			D-1			11-25	
	on Chain-of-Custody			D-2			11-24	
8. Sample Condition:	Intact / Broken* / Leaking*			MSMW01				
9. Does information on custody reports, traffic reports and sample labels agree?	Yes / No*							
10. Sample received within hold time:	Yes / No*							
11. Proper Preservatives used:	Yes / No*							
12. Temp Rec. at Lab: 3.5 (Acceptance range for samples requiring thermal pres.:4+/-2°C)	Yes / No*							

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

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20 December, 2003

Kris Johnson
Conor Pacific / EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043

RE: B&C Gas Mini Mart
Work Order: P312065

Enclosed are the results of analyses for samples received by the laboratory on 12/01/03 17:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mark Shipman
Project Manager

CA ELAP Certificate #2374

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	P312065-01	Water	11/25/03 14:55	12/01/03 17:10
MW-4	P312065-02	Water	11/26/03 13:25	12/01/03 17:10
MW-13	P312065-03	Water	11/25/03 11:29	12/01/03 17:10
MW-3	P312065-04	Water	11/26/03 12:05	12/01/03 17:10

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (P312065-01) Water Sampled: 11/25/03 14:55 Received: 12/01/03 17:10									
Gasoline Range Organics	**6500**	100	ug/l	2	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*95 %*	*65-135*		"	"	"	"	
MW-4 (P312065-02) Water Sampled: 11/26/03 13:25 Received: 12/01/03 17:10									
Gasoline Range Organics	ND	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*92 %*	*65-135*		"	"	"	"	
MW-13 (P312065-03) Water Sampled: 11/25/03 11:29 Received: 12/01/03 17:10									
Gasoline Range Organics	**170**	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*93 %*	*65-135*		"	"	"	"	
MW-3 (P312065-04) Water Sampled: 11/26/03 12:05 Received: 12/01/03 17:10									
Gasoline Range Organics	**970**	50	ug/l	1	3120174	12/07/03	12/07/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*94 %*	*65-135*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Total Metals by EPA 200 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (P312065-01) Water Sampled: 11/25/03 14:55 Received: 12/01/03 17:10									
Iron	**350**	100	ug/l	1	3120319	12/11/03	12/17/03	EPA 200.7	
Manganese	**730**	10	"	"	"	"	"	"	
MW-4 (P312065-02) Water Sampled: 11/26/03 13:25 Received: 12/01/03 17:10									
Iron	ND	100	ug/l	1	3120319	12/11/03	12/17/03	EPA 200.7	
Manganese	ND	10	"	"	"	"	"	"	
MW-13 (P312065-03) Water Sampled: 11/25/03 11:29 Received: 12/01/03 17:10									
Iron	ND	100	ug/l	1	3120319	12/11/03	12/17/03	EPA 200.7	
Manganese	**470**	10	"	"	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (P312065-01) Water Sampled: 11/25/03 14:55 Received: 12/01/03 17:10									
Benzene	**310**	10	ug/l	20	3120190	12/08/03	12/08/03	EPA 8260B	
Ethylbenzene	**520**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**47**	10	"	"	"	"	"	"	
Toluene	**63**	10	"	"	"	"	"	"	
Xylenes (total)	**180**	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*		*84-122*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96 %*		*74-135*		"	"	"	
Surrogate: Toluene-d8		*96 %*		*84-119*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*		*86-119*		"	"	"	
MW-2 (P312065-01RE1) Water Sampled: 11/25/03 14:55 Received: 12/01/03 17:10									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120240	12/09/03	12/09/03	EPA 8260B	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	A-01
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	A-01
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*84-122*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*74-135*		"	"	"	
Surrogate: Toluene-d8		*106 %*		*84-119*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*		*86-119*		"	"	"	
MW-4 (P312065-02) Water Sampled: 11/26/03 13:25 Received: 12/01/03 17:10									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120234	12/09/03	12/09/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*121 %*		*84-122*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*133 %*		*74-135*		"	"	"	
Surrogate: Toluene-d8		*103 %*		*84-119*		"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (P312065-02) Water Sampled: 11/26/03 13:25 Received: 12/01/03 17:10									
Surrogate: 4-Bromofluorobenzene		*106 %*	*86-119*		*3120234*	*12/09/03*	*12/09/03*	*EPA 8260B*	
MW-13 (P312065-03) Water Sampled: 11/25/03 11:29 Received: 12/01/03 17:10									
Tert-amyl methyl ether	**1.0**	1.0	ug/l	1	3120190	12/08/03	12/08/03	EPA 8260B	
Benzene	**5.6**	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*84-119*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*86-119*		"	"	"	"	
MW-13 (P312065-03RE1) Water Sampled: 11/25/03 11:29 Received: 12/01/03 17:10									
Methyl tert-butyl ether	67	1.0	ug/l	2	3120234	12/09/03	12/09/03	EPA 8260B	
Surrogate: Dibromofluoromethane		*107 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*84-119*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-119*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (P312065-04) Water Sampled: 11/26/03 12:05 Received: 12/01/03 17:10									
Tert-amyl methyl ether	ND	5.0	ug/l	5	3120234	12/09/03	12/09/03	EPA 8260B	
Benzene	**33**	2.5	"	"	"	"	"	"	
Tert-butyl alcohol	ND	100	"	"	"	"	"	"	A-01a
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	A-01a
Ethylbenzene	**7.2**	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**190**	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	**5.7**	2.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*122 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (P312065-01) Water Sampled: 11/25/03 14:55 Received: 12/01/03 17:10									
Total Alkalinity as CaCO3	**370**	20	mg/l	1	3120219	12/08/03	12/08/03	EPA 310.1	
Carbonate Alkalinity as CaCO3	ND	20	"	"	"	"	"	"	
Bicarbonate Alkalinity as CaCO3	**370**	20	"	"	"	"	"	"	
Hydroxide Alkalinity as CaCO3	ND	20	"	"	"	"	"	"	
Carbon dioxide, free	**52**	5.0	"	"	"	"	"	SM 4500 CO2 D	
Nitrate/Nitrite as Nitrogen	**0.46**	0.050	"	"	3120337	12/11/03	12/11/03	EPA 353.2	
MW-4 (P312065-02) Water Sampled: 11/26/03 13:25 Received: 12/01/03 17:10									
Total Alkalinity as CaCO3	**320**	20	mg/l	1	3120219	12/08/03	12/08/03	EPA 310.1	
Carbonate Alkalinity as CaCO3	ND	20	"	"	"	"	"	"	
Bicarbonate Alkalinity as CaCO3	**320**	20	"	"	"	"	"	"	
Hydroxide Alkalinity as CaCO3	ND	20	"	"	"	"	"	"	
Carbon dioxide, free	**46**	5.0	"	"	"	"	"	SM 4500 CO2 D	
Nitrate/Nitrite as Nitrogen	**8.0**	0.10	"	2	3120337	12/11/03	12/12/03	EPA 353.2	
MW-13 (P312065-03) Water Sampled: 11/25/03 11:29 Received: 12/01/03 17:10									
Total Alkalinity as CaCO3	**370**	20	mg/l	1	3120219	12/08/03	12/08/03	EPA 310.1	
Carbonate Alkalinity as CaCO3	ND	20	"	"	"	"	"	"	
Bicarbonate Alkalinity as CaCO3	**370**	20	"	"	"	"	"	"	
Hydroxide Alkalinity as CaCO3	ND	20	"	"	"	"	"	"	
Carbon dioxide, free	**61**	5.0	"	"	"	"	"	SM 4500 CO2 D	
Nitrate/Nitrite as Nitrogen	**0.10**	0.050	"	"	3120337	12/11/03	12/11/03	EPA 353.2	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Anions by EPA Method 300.0

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (P312065-01) Water Sampled: 11/25/03 14:55 Received: 12/01/03 17:10									
Sulfate as SO4	**9400**	20	mg/l	100	3120278	12/18/03	12/18/03	EPA 300.0	
MW-4 (P312065-02) Water Sampled: 11/26/03 13:25 Received: 12/01/03 17:10									
Sulfate as SO4	**9800**	20	mg/l	100	3120278	12/18/03	12/18/03	EPA 300.0	
MW-13 (P312065-03) Water Sampled: 11/25/03 11:29 Received: 12/01/03 17:10									
Sulfate as SO4	**9800**	20	mg/l	100	3120278	12/18/03	12/18/03	EPA 300.0	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

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 3120174 - EPA 5030B, waters										
Blank (3120174-BLK1)				Prepared & Analyzed: 12/07/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*284*		"	*300*		*95*	*65-135*			
Laboratory Control Sample (3120174-BS1)				Prepared & Analyzed: 12/07/03						
Gasoline Range Organics	2050	50	ug/l	2750		75	65-135			
Surrogate: 4-Bromofluorobenzene	*296*		"	*300*		*99*	*65-135*			
Matrix Spike (3120174-MS1)	**Source: P312014-01**			Prepared & Analyzed: 12/07/03						
Gasoline Range Organics	2080	50	ug/l	2750	29	75	65-135			
Surrogate: 4-Bromofluorobenzene	*298*		"	*300*		*99*	*65-135*			
Matrix Spike Dup (3120174-MSD1)	**Source: P312014-01**			Prepared & Analyzed: 12/07/03						
Gasoline Range Organics	2110	50	ug/l	2750	29	76	65-135	1	20	
Surrogate: 4-Bromofluorobenzene	*304*		"	*300*		*101*	*65-135*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Total Metals by EPA 200 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120319 - EPA 3010A										
Blank (3120319-BLK1)				Prepared: 12/11/03 Analyzed: 12/17/03						
Manganese	ND	10	ug/l							
Iron	ND	100	"							
Laboratory Control Sample (3120319-BS1)				Prepared: 12/11/03 Analyzed: 12/17/03						
Manganese	504	10	ug/l	500		101	80-120			
Iron	5210	100	"	5000		104	80-120			
Matrix Spike (3120319-MS1)	**Source: P312007-01**			Prepared: 12/11/03 Analyzed: 12/17/03						
Manganese	503	10	ug/l	500	ND	101	75-125			
Iron	5240	100	"	5000	ND	105	75-125			
Matrix Spike Dup (3120319-MSD1)	**Source: P312007-01**			Prepared: 12/11/03 Analyzed: 12/17/03						
Manganese	491	10	ug/l	500	ND	98	75-125	2	20	
Iron	5100	100	"	5000	ND	102	75-125	3	20	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

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 3120190 - EPA 5030B waters										
Blank (3120190-BLK1)				Prepared & Analyzed: 12/08/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.48*		"	*6.00*		*91*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.65*		"	*6.00*		*94*	*74-135*			
Surrogate: Toluene-d8	*5.85*		"	*6.00*		*98*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.68*		"	*6.00*		*95*	*86-119*			
Laboratory Control Sample (3120190-BS1)				Prepared & Analyzed: 12/08/03						
Tert-amyl methyl ether	4.95	1.0	ug/l	5.00		99	70-116			
Benzene	5.23	0.50	"	5.00		105	81-118			
Tert-butyl alcohol	75.7	20	"	100		76	62-142			
Di-isopropyl ether	5.30	1.0	"	5.00		106	71-121			
1,2-Dibromoethane (EDB)	5.11	0.50	"	5.00		102	92-117			
1,2-Dichloroethane	5.36	0.50	"	5.00		107	79-126			
Ethanol	68.4	100	"	100		68	65-135			
Ethylbenzene	5.30	0.50	"	5.00		106	89-122			
Ethyl tert-butyl ether	4.98	1.0	"	5.00		100	71-110			
Methyl tert-butyl ether	4.84	0.50	"	5.00		97	77-123			
Toluene	5.36	0.50	"	5.00		107	84-119			
Xylenes (total)	15.7	0.50	"	15.0		105	86-132			
Surrogate: Dibromofluoromethane	*5.80*		"	*6.00*		*97*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.80*		"	*6.00*		*97*	*74-135*			
Surrogate: Toluene-d8	*5.92*		"	*6.00*		*99*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.79*		"	*6.00*		*96*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

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 3120190 - EPA 5030B waters										
Laboratory Control Sample Dup (3120190-BSD1)				Prepared & Analyzed: 12/08/03						
Tert-amyl methyl ether	4.82	1.0	ug/l	5.00		96	70-116	3	20	
Benzene	4.82	0.50	"	5.00		96	81-118	8	20	
Tert-butyl alcohol	98.3	20	"	100		98	62-142	26	20	QR-02
Di-isopropyl ether	5.04	1.0	"	5.00		101	71-121	5	20	
1,2-Dibromoethane (EDB)	4.75	0.50	"	5.00		95	92-117	7	20	
1,2-Dichloroethane	5.02	0.50	"	5.00		100	79-126	7	20	
Ethanol	112	100	"	100		112	65-135	48	20	QR-02
Ethylbenzene	4.73	0.50	"	5.00		95	89-122	11	20	
Ethyl tert-butyl ether	4.86	1.0	"	5.00		97	71-110	2	20	
Methyl tert-butyl ether	4.76	0.50	"	5.00		95	77-123	2	20	
Toluene	4.87	0.50	"	5.00		97	84-119	10	20	
Xylenes (total)	14.3	0.50	"	15.0		95	86-132	9	20	
Surrogate: Dibromofluoromethane	*6.01*		"	*6.00*		*100*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.65*		"	*6.00*		*94*	*74-135*			
Surrogate: Toluene-d8	*5.88*		"	*6.00*		*98*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.82*		"	*6.00*		*97*	*86-119*			
Batch 3120234 - EPA 5030B waters										
Blank (3120234-BLK1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
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	*6.12*		"	*5.00*		*122*	*74-135*			
Surrogate: Toluene-d8	*4.99*		"	*5.00*		*100*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.03*		"	*5.00*		*101*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

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 3120234 - EPA 5030B waters										
Laboratory Control Sample (3120234-BS1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	5.34	1.0	ug/l	5.00		107	70-116			
Benzene	4.68	0.50	"	5.00		94	81-118			
Tert-butyl alcohol	112	20	"	100		112	62-142			
Di-isopropyl ether	4.69	1.0	"	5.00		94	71-121			
1,2-Dibromoethane (EDB)	5.72	0.50	"	5.00		114	92-117			
1,2-Dichloroethane	5.71	0.50	"	5.00		114	79-126			
Ethanol	87.3	100	"	100		87	65-135			
Ethylbenzene	5.31	0.50	"	5.00		106	89-122			
Ethyl tert-butyl ether	5.08	1.0	"	5.00		102	71-110			
Methyl tert-butyl ether	4.97	0.50	"	5.00		99	77-123			
Toluene	4.92	0.50	"	5.00		98	84-119			
Xylenes (total)	15.6	0.50	"	15.0		104	86-132			
Surrogate: Dibromofluoromethane	*5.33*		"	*5.00*		*107*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.49*		"	*5.00*		*110*	*74-135*			
Surrogate: Toluene-d8	*5.09*		"	*5.00*		*102*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.58*		"	*5.00*		*112*	*86-119*			
Matrix Spike (3120234-MS1)	**Source: P312062-04RE1**			Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	51.5	10	ug/l	50.0	ND	103	70-116			
Benzene	44.7	5.0	"	50.0	ND	89	81-118			
Tert-butyl alcohol	1180	200	"	1000	ND	118	62-142			
Di-isopropyl ether	45.8	10	"	50.0	ND	92	71-121			
1,2-Dibromoethane (EDB)	56.2	5.0	"	50.0	ND	112	92-117			
1,2-Dichloroethane	57.9	5.0	"	50.0	ND	116	79-126			
Ethanol	873	1000	"	1000	ND	87	65-135			
Ethylbenzene	49.6	5.0	"	50.0	ND	99	89-122			
Ethyl tert-butyl ether	49.4	10	"	50.0	ND	99	71-110			
Methyl tert-butyl ether	50.4	5.0	"	50.0	ND	101	77-123			
Toluene	46.3	5.0	"	50.0	ND	93	84-119			
Xylenes (total)	149	5.0	"	150	ND	99	86-132			
Surrogate: Dibromofluoromethane	*5.17*		"	*5.00*		*103*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.53*		"	*5.00*		*111*	*74-135*			
Surrogate: Toluene-d8	*4.79*		"	*5.00*		*96*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.25*		"	*5.00*		*105*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

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 3120234 - EPA 5030B waters										
Matrix Spike Dup (3120234-MSD1)	**Source: P312062-04RE1**			Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	49.0	10	ug/l	50.0	ND	98	70-116	5	20	
Benzene	43.4	5.0	"	50.0	ND	87	81-118	3	20	
Tert-butyl alcohol	1070	200	"	1000	ND	107	62-142	10	20	
Di-isopropyl ether	43.1	10	"	50.0	ND	86	71-121	6	20	
1,2-Dibromoethane (EDB)	52.6	5.0	"	50.0	ND	105	92-117	7	20	
1,2-Dichloroethane	56.1	5.0	"	50.0	ND	112	79-126	3	20	
Ethanol	782	1000	"	1000	ND	78	65-135	11	20	
Ethylbenzene	47.2	5.0	"	50.0	ND	94	89-122	5	20	
Ethyl tert-butyl ether	47.6	10	"	50.0	ND	95	71-110	4	20	
Methyl tert-butyl ether	48.6	5.0	"	50.0	ND	97	77-123	4	20	
Toluene	43.4	5.0	"	50.0	ND	87	84-119	6	20	
Xylenes (total)	143	5.0	"	150	ND	95	86-132	4	20	
Surrogate: Dibromofluoromethane	*5.24*		"	*5.00*		*105*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.81*		"	*5.00*		*116*	*74-135*			
Surrogate: Toluene-d8	*4.87*		"	*5.00*		*97*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.29*		"	*5.00*		*106*	*86-119*			
Batch 3120240 - EPA 5030B waters										
Blank (3120240-BLK1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.96*		"	*6.00*		*99*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.63*		"	*6.00*		*94*	*74-135*			
Surrogate: Toluene-d8	*6.10*		"	*6.00*		*102*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.84*		"	*6.00*		*97*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

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 3120240 - EPA 5030B waters										
Laboratory Control Sample (3120240-BS1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	5.27	1.0	ug/l	5.00		105	70-116			
Benzene	5.33	0.50	"	5.00		107	81-118			
Tert-butyl alcohol	110	20	"	100		110	62-142			
Di-isopropyl ether	5.21	1.0	"	5.00		104	71-121			
1,2-Dibromoethane (EDB)	5.55	0.50	"	5.00		111	92-117			
1,2-Dichloroethane	5.16	0.50	"	5.00		103	79-126			
Ethanol	150	100	"	100		150	65-135			Q-29
Ethylbenzene	5.57	0.50	"	5.00		111	89-122			
Ethyl tert-butyl ether	5.01	1.0	"	5.00		100	71-110			
Methyl tert-butyl ether	5.14	0.50	"	5.00		103	77-123			
Toluene	5.29	0.50	"	5.00		106	84-119			
Xylenes (total)	17.2	0.50	"	15.0		115	86-132			
Surrogate: Dibromofluoromethane	*5.82*		"	*6.00*		*97*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.79*		"	*6.00*		*96*	*74-135*			
Surrogate: Toluene-d8	*6.19*		"	*6.00*		*103*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.94*		"	*6.00*		*99*	*86-119*			
Laboratory Control Sample Dup (3120240-BSD1)				Prepared & Analyzed: 12/09/03						
Tert-amyl methyl ether	5.72	1.0	ug/l	5.00		114	70-116	8	20	
Benzene	5.80	0.50	"	5.00		116	81-118	8	20	
Tert-butyl alcohol	135	20	"	100		135	62-142	20	20	
Di-isopropyl ether	5.74	1.0	"	5.00		115	71-121	10	20	
1,2-Dibromoethane (EDB)	5.85	0.50	"	5.00		117	92-117	5	20	
1,2-Dichloroethane	5.69	0.50	"	5.00		114	79-126	10	20	
Ethanol	163	100	"	100		163	65-135	8	20	Q-29
Ethylbenzene	6.05	0.50	"	5.00		121	89-122	8	20	
Ethyl tert-butyl ether	5.52	1.0	"	5.00		110	71-110	10	20	
Methyl tert-butyl ether	5.68	0.50	"	5.00		114	77-123	10	20	
Toluene	5.59	0.50	"	5.00		112	84-119	6	20	
Xylenes (total)	18.5	0.50	"	15.0		123	86-132	7	20	
Surrogate: Dibromofluoromethane	*5.92*		"	*6.00*		*99*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.78*		"	*6.00*		*96*	*74-135*			
Surrogate: Toluene-d8	*6.27*		"	*6.00*		*104*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*6.03*		"	*6.00*		*100*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120219 - General Preparation										
Blank (3120219-BLK1)				Prepared & Analyzed: 12/08/03						
Total Alkalinity as CaCO3	ND	20	mg/l							
Carbon dioxide, free	ND	5.0	"							
Carbonate Alkalinity as CaCO3	ND	20	"							
Bicarbonate Alkalinity as CaCO3	ND	20	"							
Hydroxide Alkalinity as CaCO3	ND	20	"							
Laboratory Control Sample (3120219-BS1)				Prepared & Analyzed: 12/08/03						
Total Alkalinity as CaCO3	252	20	mg/l	250		101	80-120			
Duplicate (3120219-DUP1)	**Source: P311552-01**			Prepared & Analyzed: 12/08/03						
Carbon dioxide, free	198	5.0	mg/l		200			1	20	
Total Alkalinity as CaCO3	394	20	"		400			2	20	
Batch 3120337 - General Preparation										
Blank (3120337-BLK1)				Prepared & Analyzed: 12/11/03						
Nitrate/Nitrite as Nitrogen	ND	0.050	mg/l							
Laboratory Control Sample (3120337-BS1)				Prepared & Analyzed: 12/11/03						
Nitrate/Nitrite as Nitrogen	1.91	0.050	mg/l	2.00		96	80-120			
Matrix Spike (3120337-MS1)	**Source: P311552-07**			Prepared & Analyzed: 12/11/03						
Nitrate/Nitrite as Nitrogen	4.59	0.10	mg/l	4.00	0.073	113	75-125			
Matrix Spike Dup (3120337-MSD1)	**Source: P311552-07**			Prepared & Analyzed: 12/11/03						
Nitrate/Nitrite as Nitrogen	4.53	0.10	mg/l	4.00	0.073	111	75-125	1	20	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Anions by EPA Method 300.0 - Quality Control

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120278 - General Preparation										
Blank (3120278-BLK1)				Prepared & Analyzed: 12/18/03						
Sulfate as SO4	ND	0.20	mg/l							
Laboratory Control Sample (3120278-BS1)				Prepared & Analyzed: 12/18/03						
Sulfate as SO4	10.4	0.20	mg/l	10.0		104	80-120			
Laboratory Control Sample Dup (3120278-BSD1)				Prepared & Analyzed: 12/18/03						
Sulfate as SO4	10.4	0.20	mg/l	10.0		104	80-120	0	200	
Matrix Spike (3120278-MS1)	**Source: S312493-01**			Prepared & Analyzed: 12/18/03						
Sulfate as SO4	140	2.0	mg/l	100	34	106	75-125			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312065
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/20/03 18:51

Notes and Definitions

QR-02	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.
Q-29	The percent recovery in the quality control analyte exceeded the upper control limit. Because there was no detectable amount of this compound in the associated sample, the result has been reported.
A-01a	The internal standard associated with this compound exceeded the upper control limit due to a coeluting unknown hydrocarbon. The analyte could not be properly quantitated.
A-01	The internal standard associated with this compound can not be acurately quantified do to coeluting organic compounds.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
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. X

PROJECT NO.:	SITE NAME:
BNC 103	B-N-C GAS MINI MART
SAMPLER(S): C. MUIR (printed)	C. Muir (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, OXY-5 by EPA 8260	ALKALINITY CHROMIUM OXIDE SULFATE	Fe, Mn	NITRATE AS N BY EPA 353.2	Cont. Qty.	Remarks	TEMP(oC)
						Type/Vol.	NOA 40	VOA 40	PE 500	PE 250	PE 125			
						Filter	N	N	N	Y	N			
						Preserv.	HCl	HCl	NONE	HNO_3	H_2SO_4			
MW-2	P3 12065-01	11/25/03	1455	WATER			3	3	2	1	1	10	PH PROVIDED FOR ALKALINITY DETERMINATION. PH	7.15
MW-4	-02	11/26/03	1325				3	3	2	1	1	10		7.15
MW-13	-03	11/25/03	1129				3	3	2	1	1	10		7.09
MW-3	-04	11/26/03	1205				3	3				6		

COOLER CUSTODY SEALS INTACT	[ ]
NOT INTACT	[ ]
COOLER TEMPERATURE	3.3 °c

FOR VOA'S: RUN CLOSE TO NEAT.

REPORT MDL'S AND PQL'S AND TRACE.

NO SAMPLE FOR MW-6.

Relinquished by: (signature)	Received by: (signature)	Date/Time:	SEND RESULTS TO:
C. Muir	Allorenz	12-1-03 1330	Attn: KRIS JOHNSON
Relinquished by: (signature)	Received by: (signature)	Date/Time:	Conor Pacific/EFW
			2580 Wyandotte St., Suite G
Relinquished by: (signature)	Received by: (signature)	Date/Time:	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: P312065

DATE Received at Lab: 12-1-03
TIME Received at Lab: 1710
LOG IN DATE: 12/4/03

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s)	Present / (Absent)	P312065	01	MW-2	exp, Diss	W	11-25	
	Intact / Broken*	↓	↓	↓	1250 H2SO4	↓	↓	
2. Chain-of-Custody	(Present) / Absent*				2x500P			
3. Traffic Reports or Packing List:	Present / (Absent)		02	4	↓		11-26	
			03	13				
4. Airbill:	Airbill / Sticker Present / (Absent)	↓	04	3	6 exp	↓	↓	
5. Airbill #:								
6. Sample Labels:	(Present) / Absent							
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody							
8. Sample Condition:	(Intact) / Broken* / Leaking*							
9. Does information on custody reports, traffic reports and sample labels agree?	(Yes) / No*							
10. Sample received within hold time:	(Yes) / No*							
11. Proper Preservatives used:	(Yes) / No*							
12. Temp Rec. at Lab:	3.3							
(Acceptance range for samples requiring thermal pres.:4+/-2°C)	(Yes) / No*							

(Diagonal line through unused rows, initialed/dated: 12-1-03)

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

9008 CMT Y4, 8k

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24 December, 2003

Kris Johnson
Conor Pacific / EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043

RE: B&C Gas Mini Mart
Work Order: P312168

Enclosed are the results of analyses for samples received by the laboratory on 12/04/03 15:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mark Shipman
Project Manager

CA ELAP Certificate #2374

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CMT2-Z7	P312168-01	Water	12/03/03 11:09	12/04/03 15:15
CMT1-Z1	P312168-02	Water	12/03/03 15:36	12/04/03 15:15
CMT1-Z3	P312168-03	Water	12/03/03 17:05	12/04/03 15:15
CMT1-Z4	P312168-04	Water	12/03/03 19:02	12/04/03 15:15
8K2	P312168-05	Water	12/03/03 13:50	12/04/03 15:15

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z7 (P312168-01) Water Sampled: 12/03/03 11:09 Received: 12/04/03 15:15									
Gasoline Range Organics	ND	50	ug/l	1	3120416	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
CMT1-Z1 (P312168-02) Water Sampled: 12/03/03 15:36 Received: 12/04/03 15:15									
Gasoline Range Organics	ND	50	ug/l	1	3120416	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
CMT1-Z3 (P312168-03) Water Sampled: 12/03/03 17:05 Received: 12/04/03 15:15									
Gasoline Range Organics	ND	50	ug/l	1	3120416	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
CMT1-Z4 (P312168-04) Water Sampled: 12/03/03 19:02 Received: 12/04/03 15:15									
Gasoline Range Organics	ND	50	ug/l	1	3120416	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
8K2 (P312168-05) Water Sampled: 12/03/03 13:50 Received: 12/04/03 15:15									
Gasoline Range Organics	ND	50	ug/l	1	3120416	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z7 (P312168-01) Water Sampled: 12/03/03 11:09 Received: 12/04/03 15:15									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120474	12/16/03	12/17/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*118 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*		*86-119*	"	"	"	"	
CMT1-Z1 (P312168-02) Water Sampled: 12/03/03 15:36 Received: 12/04/03 15:15									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120474	12/16/03	12/17/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**7.5**	0.50	"	"	"	"	"	"	
Toluene	**0.56**	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*117 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z3 (P312168-03) Water Sampled: 12/03/03 17:05 Received: 12/04/03 15:15									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120474	12/16/03	12/17/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*118 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*		*86-119*	"	"	"	"	
CMT1-Z4 (P312168-04) Water Sampled: 12/03/03 19:02 Received: 12/04/03 15:15									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120480	12/17/03	12/17/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
8K2 (P312168-05) Water Sampled: 12/03/03 13:50 Received: 12/04/03 15:15									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120480	12/17/03	12/17/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

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 3120416 - EPA 5030B, waters										
Blank (3120416-BLK1)				Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*312*		"	*300*		*104*	*65-135*			
Laboratory Control Sample (3120416-BS1)				Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2390	50	ug/l	2750		87	65-135			
Surrogate: 4-Bromofluorobenzene	*340*		"	*300*		*113*	*65-135*			
Matrix Spike (3120416-MS1)	**Source: P312245-08**			Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2410	50	ug/l	2750	ND	88	65-135			
Surrogate: 4-Bromofluorobenzene	*340*		"	*300*		*113*	*65-135*			
Matrix Spike Dup (3120416-MSD1)	**Source: P312245-08**			Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2420	50	ug/l	2750	ND	88	65-135	0.4	20	
Surrogate: 4-Bromofluorobenzene	*336*		"	*300*		*112*	*65-135*			

Sequoia Analytical

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

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 3120474 - EPA 5030B waters										
Blank (3120474-BLK1)				Prepared & Analyzed: 12/16/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.16*		"	*4.50*		*115*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.78*		"	*4.50*		*106*	*74-135*			
Surrogate: Toluene-d8	*5.25*		"	*4.50*		*117*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.10*		"	*4.50*		*113*	*86-119*			
Laboratory Control Sample (3120474-BS1)				Prepared & Analyzed: 12/16/03						
Tert-amyl methyl ether	5.05	1.0	ug/l	5.00		101	78-117			
Benzene	5.50	0.50	"	5.00		110	81-118			
Tert-butyl alcohol	96.0	20	"	100		96	60-147			
Di-isopropyl ether	5.39	1.0	"	5.00		108	70-125			
1,2-Dibromoethane (EDB)	5.31	0.50	"	5.00		106	85-125			
1,2-Dichloroethane	5.04	0.50	"	5.00		101	77-126			
Ethanol	150	100	"	100		150	55-200			
Ethylbenzene	5.30	0.50	"	5.00		106	89-122			
Ethyl tert-butyl ether	5.06	1.0	"	5.00		101	71-120			
Methyl tert-butyl ether	4.94	0.50	"	5.00		99	70-122			
Toluene	5.42	0.50	"	5.00		108	84-119			
Xylenes (total)	16.5	0.50	"	15.0		110	86-132			
Surrogate: Dibromofluoromethane	*5.02*		"	*4.50*		*112*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.70*		"	*4.50*		*104*	*74-135*			
Surrogate: Toluene-d8	*5.30*		"	*4.50*		*118*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.24*		"	*4.50*		*116*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

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 3120474 - EPA 5030B waters										
Laboratory Control Sample Dup (3120474-BSD1)				Prepared & Analyzed: 12/16/03						
Tert-amyl methyl ether	5.25	1.0	ug/l	5.00		105	78-117	4	20	
Benzene	5.66	0.50	"	5.00		113	81-118	3	20	
Tert-butyl alcohol	113	20	"	100		113	60-147	16	20	
Di-isopropyl ether	5.54	1.0	"	5.00		111	70-125	3	20	
1,2-Dibromoethane (EDB)	5.39	0.50	"	5.00		108	85-125	1	20	
1,2-Dichloroethane	5.21	0.50	"	5.00		104	77-126	3	20	
Ethanol	142	100	"	100		142	55-200	5	20	
Ethylbenzene	5.42	0.50	"	5.00		108	89-122	2	20	
Ethyl tert-butyl ether	5.20	1.0	"	5.00		104	71-120	3	20	
Methyl tert-butyl ether	5.15	0.50	"	5.00		103	70-122	4	20	
Toluene	5.53	0.50	"	5.00		111	84-119	2	20	
Xylenes (total)	16.9	0.50	"	15.0		113	86-132	2	20	
Surrogate: Dibromofluoromethane	*5.11*		"	*4.50*		*114*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.84*		"	*4.50*		*108*	*74-135*			
Surrogate: Toluene-d8	*5.32*		"	*4.50*		*118*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.28*		"	*4.50*		*117*	*86-119*			
Batch 3120480 - EPA 5030B waters										
Blank (3120480-BLK1)				Prepared & Analyzed: 12/17/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*5.92*		"	*6.00*		*99*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.83*		"	*6.00*		*97*	*74-135*			
Surrogate: Toluene-d8	*6.18*		"	*6.00*		*103*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*6.21*		"	*6.00*		*104*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

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 3120480 - EPA 5030B waters										
Laboratory Control Sample (3120480-BS1)				Prepared & Analyzed: 12/17/03						
Tert-amyl methyl ether	4.57	1.0	ug/l	5.00		91	78-117			
Benzene	4.80	0.50	"	5.00		96	81-118			
Tert-butyl alcohol	89.4	20	"	100		89	60-147			
Di-isopropyl ether	4.97	1.0	"	5.00		99	70-125			
1,2-Dibromoethane (EDB)	4.66	0.50	"	5.00		93	85-125			
1,2-Dichloroethane	4.92	0.50	"	5.00		98	77-126			
Ethanol	176	100	"	100		176	55-200			
Ethylbenzene	5.05	0.50	"	5.00		101	89-122			
Ethyl tert-butyl ether	4.64	1.0	"	5.00		93	71-120			
Methyl tert-butyl ether	4.42	0.50	"	5.00		88	70-122			
Toluene	4.66	0.50	"	5.00		93	84-119			
Xylenes (total)	15.6	0.50	"	15.0		104	86-132			
Surrogate: Dibromofluoromethane	*5.97*		"	*6.00*		*100*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*6.05*		"	*6.00*		*101*	*74-135*			
Surrogate: Toluene-d8	*6.28*		"	*6.00*		*105*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*6.14*		"	*6.00*		*102*	*86-119*			
Laboratory Control Sample Dup (3120480-BSD1)				Prepared & Analyzed: 12/17/03						
Tert-amyl methyl ether	4.81	1.0	ug/l	5.00		96	78-117	5	20	
Benzene	4.96	0.50	"	5.00		99	81-118	3	20	
Tert-butyl alcohol	104	20	"	100		104	60-147	15	20	
Di-isopropyl ether	5.02	1.0	"	5.00		100	70-125	1	20	
1,2-Dibromoethane (EDB)	4.89	0.50	"	5.00		98	85-125	5	20	
1,2-Dichloroethane	5.14	0.50	"	5.00		103	77-126	4	20	
Ethanol	129	100	"	100		129	55-200	31	20	Q-29
Ethylbenzene	5.22	0.50	"	5.00		104	89-122	3	20	
Ethyl tert-butyl ether	4.79	1.0	"	5.00		96	71-120	3	20	
Methyl tert-butyl ether	4.57	0.50	"	5.00		91	70-122	3	20	
Toluene	4.94	0.50	"	5.00		99	84-119	6	20	
Xylenes (total)	15.9	0.50	"	15.0		106	86-132	2	20	
Surrogate: Dibromofluoromethane	*5.98*		"	*6.00*		*100*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.95*		"	*6.00*		*99*	*74-135*			
Surrogate: Toluene-d8	*6.27*		"	*6.00*		*104*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.97*		"	*6.00*		*100*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312168
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 17:12

Notes and Definitions

Q-29	The percent recovery in the quality control analyte exceeded the upper control limit. Because there was no detectable amount of this compound in the associated sample, the result has been reported.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
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. X

PROJECT NO.:	SITE NAME:
BNC103	B-N-C GAS MINI MART

SAMPLER(S): C. MUIR (printed) — C. Muir (signature)

CONTRACT LABORATORY: SEQUOIA - PETALUMA

TURN-AROUND TIME: STANDARD

EDD required? [X] Yes [ ] No

ANALYSES: TPH-GAS; BTEX, OXY-8 BY EPA 8260

Sample I.D.	Lab I.D.	Collection Date	Collection Time	Matrix	Depth	Container Info: Type/Vol.	Filter	Preserv.	TPH-GAS	BTEX, OXY-8 BY EPA 8260	Cont. Qty.	Remarks
									VOA 40	VOA 40		
									N	N		
									HCl	HCl		
CMT2-Z7		12/3/03	1109	WATER					3	3	6	FOR VOA'S - RUN CLOSE TO NEAT.
CMT1-Z1		↓	1536	↓					2	2	4	
~~CMT1-Z2~~												
CMT1-Z3		12/3/03	1705						3	3	6	REPORT: MDL'S, PQL'S, AND TRACE.
CMT1-Z4		↓	1902						3	3	6	
8KZ		↓	1350	↓					3	3	6	

P312168-01
-02
-03
-04
-05

NO SAMPLE FOR CMT1-Z2.

COOLER CUSTODY SEALS INTACT [ ]
NOT INTACT [ ]
COOLER TEMPERATURE 3.6, 4.1 °C

Relinquished by: (signature)	Received by: (signature)	Date/Time:
C. Muir		12/4/03 9:27
	Received by: (signature)	Date/Time:
Relinquished by: (signature)	Cindy Johnson Seq MH	12/4/03 1515
Cindy Johnson Seq MH	Received by: (signature)	Date/Time:
		12/5 10:30

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

lab co[illegible] yellow [illegible] file

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT)
WORKORDER: 9312169

DATE Received at Lab: 12-5-93
TIME Received at Lab: 1645
LOG IN DATE: 12/6/93

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent			CMT-Z7	XGRV	W	12-3	
	Intact / Broken*			Z1	XGPL			
2. Chain-of-Custody	Present / Absent*			Z3	XGRV			
3. Traffic Reports or				Z4	Sand			
Packing List:	Present / Absent			SK2	L	-V	V	
4. Airbill:	Airbill / Sticker							
	Present / Absent							
5. Airbill #:								
6. Sample Labels:	Present / Absent							
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody							
8. Sample Condition:	Intact / Broken* / Leaking*							
9. Does information on custody reports, traffic reports and sample labels agree?	Yes / No*							
10. Sample received within hold time:	Yes / No*							
11. Proper Preservatives used:	Yes / No*							
12. Temp Rec. at Lab: 3.6 4.1 (Acceptance range for samples requiring thermal pres.:4+/-2°C)	Yes / No*							

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

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24 December, 2003

Kris Johnson
Conor Pacific / EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043

RE: B&C Gas Mini Mart
Work Order: P312264

Enclosed are the results of analyses for samples received by the laboratory on 12/05/03 12:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stacy P. Hoch

Stacy P. Hoch For Mark Shipman
Project Manager

CA ELAP Certificate #2374

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CMT1-Z5	P312264-01	Water	12/04/03 11:27	12/05/03 12:30
CMT1-Z6	P312264-02	Water	12/04/03 12:25	12/05/03 12:30
CMT1-Z7	P312264-03	Water	12/04/03 14:19	12/05/03 12:30
CMT3-Z1	P312264-04	Water	12/04/03 15:28	12/05/03 12:30
CMT3-Z3	P312264-05	Water	12/04/03 16:18	12/05/03 12:30
CMT3-Z4	P312264-06	Water	12/04/03 17:33	12/05/03 12:30
CMT1-Z2	P312264-07	Water	12/04/03 10:15	12/05/03 12:30

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z5 (P312264-01) Water Sampled: 12/04/03 11:27 Received: 12/05/03 12:30									
Gasoline Range Organics	ND	50	ug/l	1	3120416	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
CMT1-Z6 (P312264-02) Water Sampled: 12/04/03 12:25 Received: 12/05/03 12:30									
Gasoline Range Organics	ND	50	ug/l	1	3120416	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
CMT1-Z7 (P312264-03) Water Sampled: 12/04/03 14:19 Received: 12/05/03 12:30									
Gasoline Range Organics	ND	50	ug/l	1	3120416	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
CMT3-Z1 (P312264-04) Water Sampled: 12/04/03 15:28 Received: 12/05/03 12:30									
Gasoline Range Organics	ND	50	ug/l	1	3120414	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*89 %*	*65-135*		"	"	"	"	
CMT3-Z3 (P312264-05) Water Sampled: 12/04/03 16:18 Received: 12/05/03 12:30									
Gasoline Range Organics	ND	50	ug/l	1	3120414	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*90 %*	*65-135*		"	"	"	"	
CMT3-Z4 (P312264-06) Water Sampled: 12/04/03 17:33 Received: 12/05/03 12:30									
Gasoline Range Organics	ND	50	ug/l	1	3120414	12/15/03	12/15/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*89 %*	*65-135*		"	"	"	"	
CMT1-Z2 (P312264-07) Water Sampled: 12/04/03 10:15 Received: 12/05/03 12:30									
Gasoline Range Organics	ND	50	ug/l	1	3120452	12/16/03	12/16/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z5 (P312264-01) Water Sampled: 12/04/03 11:27 Received: 12/05/03 12:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120517	12/18/03	12/18/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*86-119*	"	"	"	"	
CMT1-Z6 (P312264-02) Water Sampled: 12/04/03 12:25 Received: 12/05/03 12:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120517	12/18/03	12/18/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z7 (P312264-03) Water Sampled: 12/04/03 14:19 Received: 12/05/03 12:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120517	12/18/03	12/18/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*86-119*	"	"	"	"	
CMT3-Z1 (P312264-04) Water Sampled: 12/04/03 15:28 Received: 12/05/03 12:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120517	12/18/03	12/18/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**7.6**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*86-119*	"	"	"	"	

Sequoia Analytical

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3-Z3 (P312264-05) Water Sampled: 12/04/03 16:18 Received: 12/05/03 12:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120517	12/18/03	12/18/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
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		*108 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*84-119*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*86-119*		"	"	"	"	
CMT3-Z4 (P312264-06) Water Sampled: 12/04/03 17:33 Received: 12/05/03 12:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120517	12/18/03	12/18/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*84-119*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-119*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z2 (P312264-07) Water Sampled: 12/04/03 10:15 Received: 12/05/03 12:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120517	12/18/03	12/18/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**2.1**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW 2580 Wyandotte St., Suite G Mountain View CA, 94043	Project: B&C Gas Mini Mart Project Number: BNC103 Project Manager: Kris Johnson	P312264 **Reported:** 12/24/03 15:28

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 3120414 - EPA 5030B, waters										
Blank (3120414-BLK1)				Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*274*		"	*300*		*91*	*65-135*			
Laboratory Control Sample (3120414-BS1)				Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2250	50	ug/l	2750		82	65-135			
Surrogate: 4-Bromofluorobenzene	*292*		"	*300*		*97*	*65-135*			
Matrix Spike (3120414-MS1)	**Source: P312145-04**			Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2280	50	ug/l	2750	34	82	65-135			
Surrogate: 4-Bromofluorobenzene	*289*		"	*300*		*96*	*65-135*			
Matrix Spike Dup (3120414-MSD1)	**Source: P312145-04**			Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2260	50	ug/l	2750	34	81	65-135	0.9	20	
Surrogate: 4-Bromofluorobenzene	*289*		"	*300*		*96*	*65-135*			
Batch 3120416 - EPA 5030B, waters										
Blank (3120416-BLK1)				Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*312*		"	*300*		*104*	*65-135*			
Laboratory Control Sample (3120416-BS1)				Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2390	50	ug/l	2750		87	65-135			
Surrogate: 4-Bromofluorobenzene	*340*		"	*300*		*113*	*65-135*			
Matrix Spike (3120416-MS1)	**Source: P312245-08**			Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2410	50	ug/l	2750	ND	88	65-135			
Surrogate: 4-Bromofluorobenzene	*340*		"	*300*		*113*	*65-135*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

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 3120416 - EPA 5030B, waters										
Matrix Spike Dup (3120416-MSD1)	**Source: P312245-08**			Prepared & Analyzed: 12/15/03						
Gasoline Range Organics	2420	50	ug/l	2750	ND	88	65-135	0.4	20	
Surrogate: 4-Bromofluorobenzene	*336*		"	*300*		*112*	*65-135*			
Batch 3120452 - EPA 5030B, waters										
Blank (3120452-BLK1)				Prepared & Analyzed: 12/16/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*308*		"	*300*		*103*	*65-135*			
Laboratory Control Sample (3120452-BS1)				Prepared & Analyzed: 12/16/03						
Gasoline Range Organics	2370	50	ug/l	2750		86	65-135			
Surrogate: 4-Bromofluorobenzene	*329*		"	*300*		*110*	*65-135*			
Matrix Spike (3120452-MS1)	**Source: P312239-01**			Prepared & Analyzed: 12/16/03						
Gasoline Range Organics	2330	50	ug/l	2750	11	84	65-135			
Surrogate: 4-Bromofluorobenzene	*329*		"	*300*		*110*	*65-135*			
Matrix Spike Dup (3120452-MSD1)	**Source: P312239-01**			Prepared & Analyzed: 12/16/03						
Gasoline Range Organics	2300	50	ug/l	2750	11	83	65-135	1	20	
Surrogate: 4-Bromofluorobenzene	*331*		"	*300*		*110*	*65-135*			

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Conor Pacific / EFW 2580 Wyandotte St., Suite G Mountain View CA, 94043	Project: B&C Gas Mini Mart Project Number: BNC103 Project Manager: Kris Johnson	P312264 **Reported:** 12/24/03 15:28

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 3120517 - EPA 5030B waters										
Blank (3120517-BLK1)				Prepared & Analyzed: 12/18/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*6.34*		"	*6.00*		*106*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*6.52*		"	*6.00*		*109*	*74-135*			
Surrogate: Toluene-d8	*6.14*		"	*6.00*		*102*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*6.15*		"	*6.00*		*102*	*86-119*			
Laboratory Control Sample (3120517-BS1)				Prepared & Analyzed: 12/18/03						
Tert-amyl methyl ether	4.69	1.0	ug/l	5.00		94	78-117			
Benzene	4.89	0.50	"	5.00		98	81-118			
Tert-butyl alcohol	106	20	"	100		106	60-147			
Di-isopropyl ether	5.18	1.0	"	5.00		104	70-125			
1,2-Dibromoethane (EDB)	4.98	0.50	"	5.00		100	85-125			
1,2-Dichloroethane	4.98	0.50	"	5.00		100	77-126			
Ethanol	167	100	"	100		167	55-200			
Ethylbenzene	5.11	0.50	"	5.00		102	89-122			
Ethyl tert-butyl ether	4.94	1.0	"	5.00		99	71-120			
Methyl tert-butyl ether	4.78	0.50	"	5.00		96	70-122			
Toluene	4.76	0.50	"	5.00		95	84-119			
Xylenes (total)	15.8	0.50	"	15.0		105	86-132			
Surrogate: Dibromofluoromethane	*6.30*		"	*6.00*		*105*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*6.45*		"	*6.00*		*108*	*74-135*			
Surrogate: Toluene-d8	*6.18*		"	*6.00*		*103*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*6.04*		"	*6.00*		*101*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

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 3120517 - EPA 5030B waters										
Laboratory Control Sample Dup (3120517-BSD1)				Prepared & Analyzed: 12/18/03						
Tert-amyl methyl ether	4.56	1.0	ug/l	5.00		91	78-117	3	20	
Benzene	4.50	0.50	"	5.00		90	81-118	8	20	
Tert-butyl alcohol	99.6	20	"	100		100	60-147	6	20	
Di-isopropyl ether	4.70	1.0	"	5.00		94	70-125	10	20	
1,2-Dibromoethane (EDB)	4.87	0.50	"	5.00		97	85-125	2	20	
1,2-Dichloroethane	4.89	0.50	"	5.00		98	77-126	2	20	
Ethanol	101	100	"	100		101	55-200	49	20	Q-LIM
Ethylbenzene	4.78	0.50	"	5.00		96	89-122	7	20	
Ethyl tert-butyl ether	4.62	1.0	"	5.00		92	71-120	7	20	
Methyl tert-butyl ether	4.62	0.50	"	5.00		92	70-122	3	20	
Toluene	4.41	0.50	"	5.00		88	84-119	8	20	
Xylenes (total)	14.2	0.50	"	15.0		95	86-132	11	20	
Surrogate: Dibromofluoromethane	*6.35*		"	*6.00*		*106*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*6.58*		"	*6.00*		*110*	*74-135*			
Surrogate: Toluene-d8	*6.29*		"	*6.00*		*105*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*6.10*		"	*6.00*		*102*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312264
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/24/03 15:28

Notes and Definitions

Q-LIM	The percent recovery was outside of the control limits. The samples results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
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. X

PROJECT NO.:	SITE NAME:
BNC103	B-N-C GAS MINI MART
SAMPLER(S): C. MUIR (printed)	C. Muir (signature)
CONTRACT LABORATORY: SEQUOIA - RETA WIMA	
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 8X4-8 BY EPA 8260	Cont. Qty.	Remarks
						Type/Vol.	VOA 40	VOA 40		
						Filter	N	N		
						Preserv.	HCl	HCl		
CMT1-Z5	P312264-1	12/4/03	1127	WATER	✓		3	3	6	FOR VOA'S: RUN
CMT1-Z6	-2		1225				3	3	6	CLOSE TO HEAT.
CMT1-Z7	-3		1419				3	3	6	
CMT3-Z1	-4		1528				2	2	4	~~REPORT MDL'S~~ CM
CMT3-Z3	-5		1618				3	3	6	~~MDL'S~~
CMT3-Z4	CMT1 -6		1733				3	3	6	
CMT2-Z2	-7	↓	1015	↓			3	3	6	

COOLER CUSTODY SEALS INTACT [ ]
NOT INTACT [ ]
COOLER TEMPERATURE 3.2 °C

Relinquished by: (signature)	Received by: (signature)	Date/Time:
C. Muir	S-Broderick	12/5/03 1230
S-Broderick 12/5/03 1730		12/8 10:40
		12/8 13:30

SEND RESULTS TO:
Attn: KRIS JOHNSON
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

(R) Madrigal 12-8-03 11:20

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: C/P
REC. BY (PRINT) KCL
WORKORDER: P312264

DATE Received at Lab: 12-8-03
TIME Received at Lab: 1632
LOG IN DATE: 12/8/03

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*			CMT1-Z5 Z6 Z7 CMT3-Z1 Z3 Z4 CMT1-Z2	6xpv 4xpv 6xpv	W	12-4	
2. Chain-of-Custody	Present / Absent*							
3. Traffic Reports or Packing List:	Present / Absent							
4. Airbill:	Airbill / Sticker Present / Absent							
5. Airbill #:								
6. Sample Labels:	Present / Absent							
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody							
8. Sample Condition:	Intact / Broken* / Leaking*							
9. Does information on custody reports, traffic reports and sample labels agree?	Yes / No*							
10. Sample received within hold time:	Yes / No*							
11. Proper Preservatives used:	Yes / No*							
12. Temp Rec. at Lab: 3.2 (Acceptance range for samples requiring thermal pres.:4+/-2°C)	Yes / No*							

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

4003 CMT 3/4

Sequoia Analytical

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30 December, 2003

Kris Johnson
Conor Pacific / EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043

RE: B&C Gas Mini Mart
Work Order: P312135

Enclosed are the results of analyses for samples received by the laboratory on 12/03/03 15:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mark Shipman
Project Manager

CA ELAP Certificate #2374

Sequoia Analytical

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Conor Pacific / EFW 2580 Wyandotte St., Suite G Mountain View CA, 94043	Project: B&C Gas Mini Mart Project Number: BNC103 Project Manager: Kris Johnson	P312135 **Reported:** 12/30/03 10:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CMT2-Z1	P312135-01	Water	12/02/03 11:20	12/03/03 15:55
CMT2-Z3	P312135-02	Water	12/02/03 13:26	12/03/03 15:55
CMT2-Z4	P312135-03	Water	12/02/03 14:26	12/03/03 15:55
CMT2-Z5	P312135-04	Water	12/02/03 15:24	12/03/03 15:55
CMT2-Z6	P312135-05	Water	12/02/03 16:33	12/03/03 15:55
CMT4-Z2	P312135-06	Water	12/02/03 09:17	12/03/03 15:55
CMT4-Z3	P312135-07	Water	12/01/03 11:20	12/03/03 15:55
CMT4-Z4	P312135-08	Water	12/01/03 12:30	12/03/03 15:55
CMT4-Z5	P312135-09	Water	12/01/03 13:26	12/03/03 15:55
CMT4-Z6	P312135-10	Water	12/01/03 14:55	12/03/03 15:55
CMT4-Z7	P312135-11	Water	12/01/03 16:30	12/03/03 15:55
CMT2-Z2	P312135-12	Water	12/02/03 12:20	12/03/03 15:55

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z1 (P312135-01) Water	**Sampled: 12/02/03 11:20**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
CMT2-Z3 (P312135-02) Water	**Sampled: 12/02/03 13:26**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
CMT2-Z4 (P312135-03) Water	**Sampled: 12/02/03 14:26**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
CMT2-Z5 (P312135-04) Water	**Sampled: 12/02/03 15:24**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	
CMT2-Z6 (P312135-05) Water	**Sampled: 12/02/03 16:33**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
CMT4-Z2 (P312135-06) Water	**Sampled: 12/02/03 09:17**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	**32000**	500	ug/l	10	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	
CMT4-Z3 (P312135-07) Water	**Sampled: 12/01/03 11:20**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	**110**	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT4-Z4 (P312135-08) Water	**Sampled: 12/01/03 12:30**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
CMT4-Z5 (P312135-09) Water	**Sampled: 12/01/03 13:26**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
CMT4-Z6 (P312135-10) Water	**Sampled: 12/01/03 14:55**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
CMT4-Z7 (P312135-11) Water	**Sampled: 12/01/03 16:30**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
CMT2-Z2 (P312135-12) Water	**Sampled: 12/02/03 12:20**	**Received: 12/03/03 15:55**							
Gasoline Range Organics	ND	50	ug/l	1	3120277	12/10/03	12/10/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Dissolved Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z2 (P312135-12) Water Sampled: 12/02/03 12:20 Received: 12/03/03 15:55									
Iron	ND	300	ug/l	1	3120499	12/18/03	12/18/03	EPA 6010B	
Manganese	**1600**	10	"	"	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z1 (P312135-01) Water Sampled: 12/02/03 11:20 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120399	12/13/03	12/13/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.1**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*116 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*		*86-119*	"	"	"	"	
CMT2-Z3 (P312135-02) Water Sampled: 12/02/03 13:26 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120399	12/13/03	12/13/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
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		*111 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*116 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z4 (P312135-03) Water Sampled: 12/02/03 14:26 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120399	12/13/03	12/14/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*116 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*		*86-119*	"	"	"	"	
CMT2-Z5 (P312135-04) Water Sampled: 12/02/03 15:24 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120399	12/13/03	12/14/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
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		*110 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*115 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z6 (P312135-05) Water Sampled: 12/02/03 16:33 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120399	12/13/03	12/13/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*118 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*86-119*	"	"	"	"	
CMT4-Z3 (P312135-07) Water Sampled: 12/01/03 11:20 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120365	12/12/03	12/12/03	EPA 8260B	
Benzene	**15**	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	**3.9**	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.6**	0.50	"	"	"	"	"	"	
Toluene	**11**	0.50	"	"	"	"	"	"	
Xylenes (total)	**6.6**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*115 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW 2580 Wyandotte St., Suite G Mountain View CA, 94043	Project: B&C Gas Mini Mart Project Number: BNC103 Project Manager: Kris Johnson	P312135 **Reported:** 12/30/03 10:50

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT4-Z4 (P312135-08) Water Sampled: 12/01/03 12:30 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120365	12/12/03	12/12/03	EPA 8260B	
Benzene	**2.8**	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	**3.5**	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.84**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*		*86-119*	"	"	"	"	
CMT4-Z5 (P312135-09) Water Sampled: 12/01/03 13:26 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120365	12/12/03	12/12/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	**0.52**	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*114 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT4-Z6 (P312135-10) Water Sampled: 12/01/03 14:55 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120381	12/12/03	12/12/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.57**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.59**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*86-119*	"	"	"	"	
CMT4-Z7 (P312135-11) Water Sampled: 12/01/03 16:30 Received: 12/03/03 15:55									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120399	12/13/03	12/14/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*113 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*116 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z2 (P312135-12) Water	**Sampled: 12/02/03 12:20**	**Received: 12/03/03 15:55**							
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120399	12/13/03	12/14/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**49**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*116 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z2 (P312135-12) Water	**Sampled: 12/02/03 12:20**		**Received: 12/03/03 15:55**						
Total Alkalinity as CaCO3	**320**	20	mg/l	1	3120470	12/16/03	12/16/03	EPA 310.1	
Carbonate Alkalinity as CaCO3	ND	20	"	"	"	"	"	"	
Bicarbonate Alkalinity as CaCO3	**320**	20	"	"	"	"	"	"	
Hydroxide Alkalinity as CaCO3	ND	20	"	"	"	"	"	"	
Carbon dioxide, free	**8.0**	5.0	"	"	"	"	"	SM 4500 CO2 D	
Nitrate/Nitrite as Nitrogen	**1.6**	0.050	"	"	3120337	12/11/03	12/11/03	EPA 353.2	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Anions by EPA Method 300.0

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT2-Z2 (P312135-12) Water Sampled: 12/02/03 12:20 Received: 12/03/03 15:55									
Sulfate as SO4	**320**	2.0	mg/l	10	3120379	12/23/03	12/23/03	EPA 300.0	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

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 3120277 - EPA 5030B, waters										
Blank (3120277-BLK1)				Prepared & Analyzed: 12/10/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*307*		"	*300*		*102*	*65-135*			
Laboratory Control Sample (3120277-BS1)				Prepared & Analyzed: 12/10/03						
Gasoline Range Organics	2510	50	ug/l	2750		91	65-135			
Surrogate: 4-Bromofluorobenzene	*337*		"	*300*		*112*	*65-135*			
Matrix Spike (3120277-MS1)	**Source: P312135-01**			Prepared & Analyzed: 12/10/03						
Gasoline Range Organics	2520	50	ug/l	2750	13	91	65-135			
Surrogate: 4-Bromofluorobenzene	*336*		"	*300*		*112*	*65-135*			
Matrix Spike Dup (3120277-MSD1)	**Source: P312135-01**			Prepared & Analyzed: 12/10/03						
Gasoline Range Organics	2510	50	ug/l	2750	13	91	65-135	0.4	20	
Surrogate: 4-Bromofluorobenzene	*336*		"	*300*		*112*	*65-135*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Dissolved Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120499 - EPA 3010A										
Blank (3120499-BLK1)				Prepared & Analyzed: 12/18/03						
Manganese	ND	10	ug/l							
Iron	ND	300	"							
Laboratory Control Sample (3120499-BS1)				Prepared & Analyzed: 12/18/03						
Manganese	506	10	ug/l	500		101	80-120			
Iron	5290	300	"	5000		106	80-120			
Duplicate (3120499-DUP1)	**Source: P312169-02**			Prepared & Analyzed: 12/18/03						
Manganese	209	50	ug/l		200			4	10	
Iron	ND	1500	"		ND				10	
Matrix Spike (3120499-MS1)	**Source: P312169-02**			Prepared & Analyzed: 12/18/03						
Iron	4880	300	ug/l	5000	ND	98	75-125			
Manganese	670	10	"	500	200	94	75-125			
Matrix Spike Dup (3120499-MSD1)	**Source: P312169-02**			Prepared & Analyzed: 12/18/03						
Iron	4930	300	ug/l	5000	ND	99	75-125	1	20	
Manganese	678	10	"	500	200	96	75-125	1	20	
Post Spike (3120499-PS1)	**Source: P312169-02**			Prepared & Analyzed: 12/18/03						
Manganese	647	10	ug/l	500	200	89	75-125			
Iron	4660	300	"	5000	ND	93	75-125			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

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 3120365 - EPA 5030B waters										
Blank (3120365-BLK1)				Prepared & Analyzed: 12/12/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*4.91*		"	*4.50*		*109*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.85*		"	*4.50*		*108*	*74-135*			
Surrogate: Toluene-d8	*5.22*		"	*4.50*		*116*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.91*		"	*4.50*		*109*	*86-119*			
Laboratory Control Sample (3120365-BS1)				Prepared & Analyzed: 12/12/03						
Tert-amyl methyl ether	4.52	1.0	ug/l	5.00		90	78-117			
Benzene	4.99	0.50	"	5.00		100	81-118			
Tert-butyl alcohol	83.0	20	"	100		83	60-147			
Di-isopropyl ether	4.82	1.0	"	5.00		96	70-125			
1,2-Dibromoethane (EDB)	4.82	0.50	"	5.00		96	85-125			
1,2-Dichloroethane	4.65	0.50	"	5.00		93	77-126			
Ethanol	136	100	"	100		136	55-200			
Ethylbenzene	4.82	0.50	"	5.00		96	89-122			
Ethyl tert-butyl ether	4.49	1.0	"	5.00		90	71-120			
Methyl tert-butyl ether	4.50	0.50	"	5.00		90	70-122			
Toluene	5.01	0.50	"	5.00		100	84-119			
Xylenes (total)	14.9	0.50	"	15.0		99	86-132			
Surrogate: Dibromofluoromethane	*4.93*		"	*4.50*		*110*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.73*		"	*4.50*		*105*	*74-135*			
Surrogate: Toluene-d8	*5.22*		"	*4.50*		*116*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.98*		"	*4.50*		*111*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

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 3120365 - EPA 5030B waters										
Laboratory Control Sample Dup (3120365-BSD1)				Prepared & Analyzed: 12/12/03						
Tert-amyl methyl ether	4.71	1.0	ug/l	5.00		94	78-117	4	20	
Benzene	5.04	0.50	"	5.00		101	81-118	1	20	
Tert-butyl alcohol	86.8	20	"	100		87	60-147	4	20	
Di-isopropyl ether	4.86	1.0	"	5.00		97	70-125	0.8	20	
1,2-Dibromoethane (EDB)	4.97	0.50	"	5.00		99	85-125	3	20	
1,2-Dichloroethane	4.65	0.50	"	5.00		93	77-126	0	20	
Ethanol	116	100	"	100		116	55-200	16	20	
Ethylbenzene	4.89	0.50	"	5.00		98	89-122	1	20	
Ethyl tert-butyl ether	4.58	1.0	"	5.00		92	71-120	2	20	
Methyl tert-butyl ether	4.61	0.50	"	5.00		92	70-122	2	20	
Toluene	4.99	0.50	"	5.00		100	84-119	0.4	20	
Xylenes (total)	14.9	0.50	"	15.0		99	86-132	0	20	
Surrogate: Dibromofluoromethane	*4.86*		"	*4.50*		*108*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.69*		"	*4.50*		*104*	*74-135*			
Surrogate: Toluene-d8	*5.18*		"	*4.50*		*115*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.05*		"	*4.50*		*112*	*86-119*			
Batch 3120381 - EPA 5030B waters										
Blank (3120381-BLK1)				Prepared & Analyzed: 12/12/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*6.17*		"	*6.00*		*103*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*6.39*		"	*6.00*		*106*	*74-135*			
Surrogate: Toluene-d8	*6.44*		"	*6.00*		*107*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*6.10*		"	*6.00*		*102*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

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 3120381 - EPA 5030B waters										
Laboratory Control Sample (3120381-BS1)				Prepared & Analyzed: 12/12/03						
Tert-amyl methyl ether	5.25	1.0	ug/l	5.00		105	78-117			
Benzene	5.65	0.50	"	5.00		113	81-118			
Tert-butyl alcohol	123	20	"	100		123	60-147			
Di-isopropyl ether	5.48	1.0	"	5.00		110	70-125			
1,2-Dibromoethane (EDB)	5.17	0.50	"	5.00		103	85-125			
1,2-Dichloroethane	5.57	0.50	"	5.00		111	77-126			
Ethanol	194	100	"	100		194	55-200			
Ethylbenzene	5.72	0.50	"	5.00		114	89-122			
Ethyl tert-butyl ether	5.09	1.0	"	5.00		102	71-120			
Methyl tert-butyl ether	5.08	0.50	"	5.00		102	70-122			
Toluene	5.56	0.50	"	5.00		111	84-119			
Xylenes (total)	17.4	0.50	"	15.0		116	86-132			
Surrogate: Dibromofluoromethane	*6.23*		"	*6.00*		*104*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*5.98*		"	*6.00*		*100*	*74-135*			
Surrogate: Toluene-d8	*6.29*		"	*6.00*		*105*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.91*		"	*6.00*		*98*	*86-119*			
Laboratory Control Sample Dup (3120381-BSD1)				Prepared & Analyzed: 12/12/03						
Tert-amyl methyl ether	5.57	1.0	ug/l	5.00		111	78-117	6	20	
Benzene	5.76	0.50	"	5.00		115	81-118	2	20	
Tert-butyl alcohol	129	20	"	100		129	60-147	5	20	
Di-isopropyl ether	5.60	1.0	"	5.00		112	70-125	2	20	
1,2-Dibromoethane (EDB)	5.79	0.50	"	5.00		116	85-125	11	20	
1,2-Dichloroethane	5.68	0.50	"	5.00		114	77-126	2	20	
Ethanol	161	100	"	100		161	55-200	19	20	
Ethylbenzene	5.97	0.50	"	5.00		119	89-122	4	20	
Ethyl tert-butyl ether	5.28	1.0	"	5.00		106	71-120	4	20	
Methyl tert-butyl ether	5.25	0.50	"	5.00		105	70-122	3	20	
Toluene	5.82	0.50	"	5.00		116	84-119	5	20	
Xylenes (total)	18.2	0.50	"	15.0		121	86-132	4	20	
Surrogate: Dibromofluoromethane	*6.11*		"	*6.00*		*102*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*6.02*		"	*6.00*		*100*	*74-135*			
Surrogate: Toluene-d8	*6.42*		"	*6.00*		*107*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.92*		"	*6.00*		*99*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

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 3120399 - EPA 5030B waters										
Blank (3120399-BLK1)				Prepared & Analyzed: 12/13/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*4.87*		"	*4.50*		*108*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.78*		"	*4.50*		*106*	*74-135*			
Surrogate: Toluene-d8	*5.22*		"	*4.50*		*116*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.87*		"	*4.50*		*108*	*86-119*			
Laboratory Control Sample (3120399-BS1)				Prepared & Analyzed: 12/13/03						
Tert-amyl methyl ether	4.71	1.0	ug/l	5.00		94	78-117			
Benzene	4.84	0.50	"	5.00		97	81-118			
Tert-butyl alcohol	88.8	20	"	100		89	60-147			
Di-isopropyl ether	4.75	1.0	"	5.00		95	70-125			
1,2-Dibromoethane (EDB)	4.83	0.50	"	5.00		97	85-125			
1,2-Dichloroethane	4.35	0.50	"	5.00		87	77-126			
Ethanol	103	100	"	100		103	55-200			
Ethylbenzene	4.77	0.50	"	5.00		95	89-122			
Ethyl tert-butyl ether	4.57	1.0	"	5.00		91	71-120			
Methyl tert-butyl ether	4.67	0.50	"	5.00		93	70-122			
Toluene	4.88	0.50	"	5.00		98	84-119			
Xylenes (total)	14.6	0.50	"	15.0		97	86-132			
Surrogate: Dibromofluoromethane	*4.87*		"	*4.50*		*108*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.50*		"	*4.50*		*100*	*74-135*			
Surrogate: Toluene-d8	*5.17*		"	*4.50*		*115*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.07*		"	*4.50*		*113*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

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 3120399 - EPA 5030B waters										
Laboratory Control Sample Dup (3120399-BSD1)				Prepared & Analyzed: 12/13/03						
Tert-amyl methyl ether	4.95	1.0	ug/l	5.00		99	78-117	5	20	
Benzene	5.31	0.50	"	5.00		106	81-118	9	20	
Tert-butyl alcohol	108	20	"	100		108	60-147	20	20	
Di-isopropyl ether	5.19	1.0	"	5.00		104	70-125	9	20	
1,2-Dibromoethane (EDB)	5.22	0.50	"	5.00		104	85-125	8	20	
1,2-Dichloroethane	4.84	0.50	"	5.00		97	77-126	11	20	
Ethanol	151	100	"	100		151	55-200	38	20	QR-02
Ethylbenzene	5.27	0.50	"	5.00		105	89-122	10	20	
Ethyl tert-butyl ether	4.96	1.0	"	5.00		99	71-120	8	20	
Methyl tert-butyl ether	4.98	0.50	"	5.00		100	70-122	6	20	
Toluene	5.36	0.50	"	5.00		107	84-119	9	20	
Xylenes (total)	16.0	0.50	"	15.0		107	86-132	9	20	
Surrogate: Dibromofluoromethane	*4.85*		"	*4.50*		*108*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.61*		"	*4.50*		*102*	*74-135*			
Surrogate: Toluene-d8	*5.13*		"	*4.50*		*114*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.01*		"	*4.50*		*111*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120337 - General Preparation										
Blank (3120337-BLK1)				Prepared & Analyzed: 12/11/03						
Nitrate/Nitrite as Nitrogen	ND	0.050	mg/l							
Laboratory Control Sample (3120337-BS1)				Prepared & Analyzed: 12/11/03						
Nitrate/Nitrite as Nitrogen	1.91	0.050	mg/l	2.00		96	80-120			
Matrix Spike (3120337-MS1)	**Source: P311552-07**			Prepared & Analyzed: 12/11/03						
Nitrate/Nitrite as Nitrogen	4.59	0.10	mg/l	4.00	0.073	113	75-125			
Matrix Spike Dup (3120337-MSD1)	**Source: P311552-07**			Prepared & Analyzed: 12/11/03						
Nitrate/Nitrite as Nitrogen	4.53	0.10	mg/l	4.00	0.073	111	75-125	1	20	
Batch 3120470 - General Preparation										
Blank (3120470-BLK1)				Prepared & Analyzed: 12/16/03						
Total Alkalinity as CaCO3	ND	20	mg/l							
Carbon dioxide, free	ND	5.0	"							
Carbonate Alkalinity as CaCO3	ND	20	"							
Bicarbonate Alkalinity as CaCO3	ND	20	"							
Hydroxide Alkalinity as CaCO3	ND	20	"							
Laboratory Control Sample (3120470-BS1)				Prepared & Analyzed: 12/16/03						
Total Alkalinity as CaCO3	248	20	mg/l	250		99	80-120			
Duplicate (3120470-DUP1)	**Source: P312169-01**			Prepared & Analyzed: 12/16/03						
Total Alkalinity as CaCO3	420	20	mg/l		420			0	20	
Carbon dioxide, free	31.1	5.0	"		31			0.3	20	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Anions by EPA Method 300.0 - Quality Control

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120379 - General Preparation										
Blank (3120379-BLK1)				Prepared & Analyzed: 12/23/03						
Sulfate as SO4	ND	0.20	mg/l							
Laboratory Control Sample (3120379-BS1)				Prepared & Analyzed: 12/23/03						
Sulfate as SO4	9.91	0.20	mg/l	10.0		99	80-120			
Laboratory Control Sample Dup (3120379-BSD1)				Prepared & Analyzed: 12/23/03						
Sulfate as SO4	9.99	0.20	mg/l	10.0		100	80-120	0.8	200	
Matrix Spike (3120379-MS1)	**Source: S312288-01**			Prepared & Analyzed: 12/23/03						
Sulfate as SO4	182	2.0	mg/l	100	83	99	75-125			
Matrix Spike (3120379-MS2)	**Source: S312290-07**			Prepared & Analyzed: 12/23/03						
Sulfate as SO4	181	2.0	mg/l	100	82	99	75-125			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312135
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	12/30/03 10:50

Notes and Definitions

QR-02	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.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
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. X

PROJECT NO.:	SITE NAME:
BNC103	BN-C GAS MINI MART
SAMPLER(S): C. MUIR (printed)	C. Muir (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/OXY-B BY EPA 8260	TOTAL ALKALINITY, CARBON DIOXIDE, SOLUBLE Fe, Mn	NITRATE AS N BY EPA 353.2	Cont. Qty.	Remarks
						Type/Vol.	VOA 40	VOA 40	PE 500	PE 250	PE 125	
						Filter	N	N	N	Y	N	
						Preserv.	HCl	HCl	NONE	HNO_3	H_2SO_4	
CMT2-Z1	P312135-1	12/2/03	1122				3	3				6 FOR VOA'S: RUN CLOSE
CMT2-Z3	-2		1326				3	3				6 TO NEAT.
CMT2-Z4	-3		1426				3	3				6
CMT2-Z5	-4		1524				3	3				6 REPORT: MDL'S, PQL'S,
CMT2-Z6	-5	✓	1633				3	3				6 AND TRACE.
~~CMT2-Z7~~												
CMT4-Z2	-6	12/2/03	917				3	X				3 NO SAMPLE FOR
CMT4-Z3	-7	12/1/03	1120				3	3				6 CMT4-Z1.
CMT4-Z4	-8		1230				3	3				6
CMT4-Z5	-9		1326				3	3				6
CMT4-Z6	-10		1455				3	3				6 NO SAMPLE FOR
CMT4-Z7	-11	✓	1630				3	3				6 CMT4-Z2 - Z7.
												6
CMT2-Z2	-12	12/2/03	1220				3	3	1	1	1	9 CMT2-Z2 PH: 7.90

COOLER CUSTODY SEALS INTACT [ ]
NOT INTACT [ ]
COOLER TEMPERATURE 3.0 °C

INCLUDED FOR TOTAL ALKALINITY DETERMINATION.

Relinquished by: (signature)	Received by: (signature)	Date/Time:
C. Muir		12/3/03 1245
Relinquished by: (signature)	Received by: (signature)	Date/Time:
		12/3/03 1555
Relinquished by: (signature) SeqMH	Received by: (signature)	Date/Time: 12-4-03 11:10

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

lab d... yello... ct file

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: C/P
REC. BY (PRINT) AC1
WORKORDER: P 312135

DATE Received at Lab: 12-4-03
TIME Received at Lab: 1630
LOG IN DATE: 12/5/03

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent			CMT2-Z1	6xpv	W	12-2	
	Intact / Broken*			Z3				
2. Chain-of-Custody	Present / Absent*			Z4				
3. Traffic Reports or				Z5				
Packing List:	Present / Absent			Z6				
4. Airbill:	Airbill / Sticker			CMT4-Z2	4xpv		12-2	
	Present / Absent			Z3	6xpv		12-1	
5. Airbill #:				Z4				
6. Sample Labels:	Present / Absent			Z5				
7. Sample IDs:	Listed / Not Listed			Z6				
	on Chain-of-Custody			Z7				
8. Sample Condition:	Intact / Broken* /			CMT2-Z2	6xpv, RSD H2SO4		12-2	
	Leaking*				Diss, 500p			
9. Does information on custody reports, traffic reports and sample labels agree?	Yes / No*							
10. Sample received within hold time:	Yes / No*							
11. Proper Preservatives used:	Yes / No*							
12. Temp Rec. at Lab: 5.0 (Acceptance range for samples requiring thermal pres.:4+/-2°C)	Yes / No*							

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

4Q03 CMT 4/4, PW 1Q

Sequoia Analytical

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7 January, 2004

Kris Johnson
Conor Pacific / EFW
2580 Wyandotte St., Suite G
Mountain View, CA 94043

RE: B&C Gas Mini Mart
Work Order: P312367

Enclosed are the results of analyses for samples received by the laboratory on 12/11/03 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mark Shipman
Project Manager

CA ELAP Certificate #2374

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CMT3-Z2	P312367-01	Water	12/09/03 11:35	12/11/03 16:30
CMT3-Z5	P312367-02	Water	12/09/03 15:30	12/11/03 16:30
CMT3-Z6	P312367-03	Water	12/09/03 13:53	12/11/03 16:30
CMT3-Z7	P312367-04	Water	12/09/03 16:39	12/11/03 16:30
PW120903	P312367-05	Water	12/09/03 16:39	12/11/03 16:30

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3-Z2 (P312367-01) Water Sampled: 12/09/03 11:35 Received: 12/11/03 16:30									
Gasoline Range Organics	ND	50	ug/l	1	3120548	12/19/03	12/19/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*90 %*		*65-135*	"	"	"	"	
CMT3-Z5 (P312367-02) Water Sampled: 12/09/03 15:30 Received: 12/11/03 16:30									
Gasoline Range Organics	ND	50	ug/l	1	3120548	12/19/03	12/19/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*92 %*		*65-135*	"	"	"	"	
CMT3-Z6 (P312367-03) Water Sampled: 12/09/03 13:53 Received: 12/11/03 16:30									
Gasoline Range Organics	ND	50	ug/l	1	3120548	12/19/03	12/19/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*92 %*		*65-135*	"	"	"	"	
CMT3-Z7 (P312367-04) Water Sampled: 12/09/03 16:39 Received: 12/11/03 16:30									
Gasoline Range Organics	ND	50	ug/l	1	3120548	12/19/03	12/19/03	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		*92 %*		*65-135*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Purgeables by EPA Method 624

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PW120903 (P312367-05) Water	**Sampled: 12/09/03 16:39**	**Received: 12/11/03 16:30**							**R-05**
Freon 113	ND	5.0	ug/l	10	3120451	12/16/03	12/16/03	EPA 624	
Benzene	**10**	10	"	"	"	"	"	"	
Bromodichloromethane	ND	10	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	"	"	"	"	"	"	
Chlorobenzene	ND	10	"	"	"	"	"	"	
Chloroethane	ND	10	"	"	"	"	"	"	
Chloroform	ND	10	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
Dibromochloromethane	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	10	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	10	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**49**	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	10	"	"	"	"	"	"	
Tetrachloroethene	ND	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	10	"	"	"	"	"	"	
Trichloroethene	ND	10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	10	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*112 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*117 %*	*84-119*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*	*86-119*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3-Z2 (P312367-01) Water Sampled: 12/09/03 11:35 Received: 12/11/03 16:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120639	12/23/03	12/23/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**2.3**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*86-119*	"	"	"	"	
CMT3-Z5 (P312367-02) Water Sampled: 12/09/03 15:30 Received: 12/11/03 16:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120639	12/23/03	12/23/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*84-122*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*		*74-135*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*84-119*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*86-119*	"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3-Z6 (P312367-03) Water Sampled: 12/09/03 13:53 Received: 12/11/03 16:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120639	12/23/03	12/23/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*84-119*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*86-119*		"	"	"	"	
CMT3-Z7 (P312367-04) Water Sampled: 12/09/03 16:39 Received: 12/11/03 16:30									
Tert-amyl methyl ether	ND	1.0	ug/l	1	3120639	12/23/03	12/23/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*84-122*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*74-135*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*84-119*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*86-119*		"	"	"	"	

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

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 3120548 - EPA 5030B, waters										
Blank (3120548-BLK1)				Prepared & Analyzed: 12/19/03						
Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*273*		*"*	*300*		*91*	*65-135*			
Laboratory Control Sample (3120548-BS1)				Prepared & Analyzed: 12/19/03						
Gasoline Range Organics	2120	50	ug/l	2750		77	65-135			
Surrogate: 4-Bromofluorobenzene	*304*		*"*	*300*		*101*	*65-135*			
Matrix Spike (3120548-MS1)	**Source: P312406-01**			Prepared & Analyzed: 12/19/03						
Gasoline Range Organics	33900	500	ug/l	27500	13000	76	65-135			
Surrogate: 4-Bromofluorobenzene	*292*		*"*	*300*		*97*	*65-135*			
Matrix Spike Dup (3120548-MSD1)	**Source: P312406-01**			Prepared & Analyzed: 12/19/03						
Gasoline Range Organics	34100	500	ug/l	27500	13000	77	65-135	0.6	20	
Surrogate: 4-Bromofluorobenzene	*287*		*"*	*300*		*96*	*65-135*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Purgeables by EPA Method 624 - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120451 - EPA 5030B waters										
Blank (3120451-BLK1)				Prepared & Analyzed: 12/16/03						
Freon 113	ND	0.50	ug/l							
Benzene	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Toluene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: Dibromofluoromethane	*5.00*		"	*4.50*		*111*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.81*		"	*4.50*		*107*	*74-135*			
Surrogate: Toluene-d8	*5.27*		"	*4.50*		*117*	*84-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Purgeables by EPA Method 624 - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120451 - EPA 5030B waters										
Blank (3120451-BLK1)				Prepared & Analyzed: 12/16/03						
Surrogate: 4-Bromofluorobenzene	*5.00*		"	*4.50*		*111*	*86-119*			
Laboratory Control Sample (3120451-BS1)				Prepared & Analyzed: 12/16/03						
Benzene	21.9	1.0	ug/l	20.0		110	37-151			
Bromodichloromethane	22.8	1.0	"	20.0		114	35-155			
Bromoform	21.4	1.0	"	20.0		107	45-169			
Bromomethane	18.5	1.0	"	20.0		92	0.1-242			
Carbon tetrachloride	22.1	1.0	"	20.0		110	70-140			
Chlorobenzene	21.2	1.0	"	20.0		106	37-160			
Chloroethane	16.8	1.0	"	20.0		84	14-230			
2-Chloroethylvinyl ether	49.9	10	"	20.0		250	0.1-305			
Chloroform	19.7	1.0	"	20.0		98	51-138			
Chloromethane	20.5	1.0	"	20.0		102	0.1-273			
Dibromochloromethane	22.2	1.0	"	20.0		111	53-149			
1,2-Dichlorobenzene	21.2	1.0	"	20.0		106	18-190			
1,3-Dichlorobenzene	22.0	1.0	"	20.0		110	59-156			
1,4-Dichlorobenzene	20.6	1.0	"	20.0		103	18-190			
1,1-Dichloroethane	21.5	1.0	"	20.0		108	59-155			
1,2-Dichloroethane	18.6	1.0	"	20.0		93	49-155			
1,1-Dichloroethene	20.6	1.0	"	20.0		103	0.1-234			
trans-1,2-Dichloroethene	21.4	1.0	"	20.0		107	54-156			
1,2-Dichloropropane	20.9	1.0	"	20.0		104	0.1-210			
cis-1,3-Dichloropropene	23.2	1.0	"	20.0		116	0.1-227			
trans-1,3-Dichloropropene	22.0	1.0	"	20.0		110	17-183			
Ethylbenzene	21.4	1.0	"	20.0		107	37-162			
Methylene chloride	20.2	1.0	"	20.0		101	0.1-221			
1,1,2,2-Tetrachloroethane	17.9	1.0	"	20.0		90	46-157			
Tetrachloroethene	20.8	1.0	"	20.0		104	64-148			
Toluene	21.8	1.0	"	20.0		109	47-150			
1,1,2-Trichloroethane	19.9	1.0	"	20.0		100	52-150			
1,1,1-Trichloroethane	21.1	1.0	"	20.0		106	52-162			
Trichloroethene	21.1	1.0	"	20.0		106	71-157			
Trichlorofluoromethane	20.9	1.0	"	20.0		104	17-181			
Vinyl chloride	18.2	1.0	"	20.0		91	0.1-251			
Surrogate: Dibromofluoromethane	*5.00*		"	*4.50*		*111*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.64*		"	*4.50*		*103*	*74-135*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Purgeables by EPA Method 624 - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120451 - EPA 5030B waters										
Laboratory Control Sample (3120451-BS1)				Prepared & Analyzed: 12/16/03						
Surrogate: Toluene-d8	*5.41*		*ug/l*	*4.50*		*120*	*84-119*			*S-LIM*
Surrogate: 4-Bromofluorobenzene	*5.29*		*"*	*4.50*		*118*	*86-119*			
Matrix Spike (3120451-MS1)	**Source: P312227-01**			Prepared & Analyzed: 12/16/03						
Benzene	102000	5000	ug/l	100000	ND	102	37-151			
Bromodichloromethane	110000	5000	"	100000	ND	110	35-155			
Bromoform	112000	5000	"	100000	ND	112	45-169			
Bromomethane	87900	5000	"	100000	ND	88	0.1-242			
Carbon tetrachloride	105000	5000	"	100000	ND	105	70-140			
Chlorobenzene	101000	5000	"	100000	ND	101	37-160			
Chloroethane	82000	5000	"	100000	ND	82	14-230			
2-Chloroethylvinyl ether	144000	50000	"	100000	ND	144	0.1-305			
Chloroform	93500	5000	"	100000	450	93	51-138			
Chloromethane	89200	5000	"	100000	ND	89	0.1-273			
Dibromochloromethane	112000	5000	"	100000	ND	112	53-149			
1,2-Dichlorobenzene	101000	5000	"	100000	ND	101	18-190			
1,3-Dichlorobenzene	101000	5000	"	100000	ND	101	59-156			
1,4-Dichlorobenzene	96200	5000	"	100000	ND	96	18-190			
1,1-Dichloroethane	101000	5000	"	100000	ND	101	59-155			
1,2-Dichloroethane	93600	5000	"	100000	ND	94	49-155			
1,1-Dichloroethene	95800	5000	"	100000	ND	96	0.1-234			
trans-1,2-Dichloroethene	101000	5000	"	100000	ND	101	54-156			
1,2-Dichloropropane	99800	5000	"	100000	ND	100	0.1-210			
cis-1,3-Dichloropropene	112000	5000	"	100000	ND	112	0.1-227			
trans-1,3-Dichloropropene	110000	5000	"	100000	ND	110	17-183			
Ethylbenzene	101000	5000	"	100000	ND	101	37-162			
Methylene chloride	95800	5000	"	100000	1500	94	0.1-221			
1,1,2,2-Tetrachloroethane	94200	5000	"	100000	ND	94	46-157			
Tetrachloroethene	98100	5000	"	100000	ND	98	64-148			
Toluene	101000	5000	"	100000	500	100	47-150			
1,1,2-Trichloroethane	103000	5000	"	100000	ND	103	52-150			
1,1,1-Trichloroethane	101000	5000	"	100000	ND	101	52-162			
Trichloroethene	99700	5000	"	100000	ND	100	71-157			
Trichlorofluoromethane	92800	5000	"	100000	ND	93	17-181			
Vinyl chloride	83400	5000	"	100000	ND	83	0.1-251			
Surrogate: Dibromofluoromethane	*5.15*		*"*	*4.50*		*114*	*84-122*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Purgeables by EPA Method 624 - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3120451 - EPA 5030B waters										
Matrix Spike (3120451-MS1)	**Source: P312227-01**			Prepared & Analyzed: 12/16/03						
Surrogate: 1,2-Dichloroethane-d4	*4.78*		*ug/l*	*4.50*		*106*	*74-135*			
Surrogate: Toluene-d8	*5.26*		*"*	*4.50*		*117*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*5.31*		*"*	*4.50*		*118*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

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 3120639 - EPA 5030B waters										
Blank (3120639-BLK1)				Prepared & Analyzed: 12/23/03						
Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*4.47*		"	*4.50*		*99*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.24*		"	*4.50*		*94*	*74-135*			
Surrogate: Toluene-d8	*4.58*		"	*4.50*		*102*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.41*		"	*4.50*		*98*	*86-119*			
Laboratory Control Sample (3120639-BS1)				Prepared & Analyzed: 12/23/03						
Tert-amyl methyl ether	4.97	1.0	ug/l	5.00		99	78-117			
Benzene	5.16	0.50	"	5.00		103	81-118			
Tert-butyl alcohol	94.2	20	"	100		94	60-147			
Di-isopropyl ether	5.04	1.0	"	5.00		101	70-125			
1,2-Dibromoethane (EDB)	5.09	0.50	"	5.00		102	85-125			
1,2-Dichloroethane	4.67	0.50	"	5.00		93	77-126			
Ethanol	145	100	"	100		145	55-200			
Ethylbenzene	5.29	0.50	"	5.00		106	89-122			
Ethyl tert-butyl ether	4.59	1.0	"	5.00		92	71-120			
Methyl tert-butyl ether	4.80	0.50	"	5.00		96	70-122			
Toluene	4.87	0.50	"	5.00		97	84-119			
Xylenes (total)	16.1	0.50	"	15.0		107	86-132			
Surrogate: Dibromofluoromethane	*4.36*		"	*4.50*		*97*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.04*		"	*4.50*		*90*	*74-135*			
Surrogate: Toluene-d8	*4.69*		"	*4.50*		*104*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.55*		"	*4.50*		*101*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

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 3120639 - EPA 5030B waters										
Laboratory Control Sample Dup (3120639-BSD1)				Prepared & Analyzed: 12/23/03						
Tert-amyl methyl ether	5.02	1.0	ug/l	5.00		100	78-117	1	20	
Benzene	4.99	0.50	"	5.00		100	81-118	3	20	
Tert-butyl alcohol	104	20	"	100		104	60-147	10	20	
Di-isopropyl ether	5.01	1.0	"	5.00		100	70-125	0.6	20	
1,2-Dibromoethane (EDB)	5.20	0.50	"	5.00		104	85-125	2	20	
1,2-Dichloroethane	4.76	0.50	"	5.00		95	77-126	2	20	
Ethanol	133	100	"	100		133	55-200	9	20	
Ethylbenzene	5.03	0.50	"	5.00		101	89-122	5	20	
Ethyl tert-butyl ether	4.71	1.0	"	5.00		94	71-120	3	20	
Methyl tert-butyl ether	4.88	0.50	"	5.00		98	70-122	2	20	
Toluene	4.71	0.50	"	5.00		94	84-119	3	20	
Xylenes (total)	15.5	0.50	"	15.0		103	86-132	4	20	
Surrogate: Dibromofluoromethane	*4.45*		"	*4.50*		*99*	*84-122*			
Surrogate: 1,2-Dichloroethane-d4	*4.19*		"	*4.50*		*93*	*74-135*			
Surrogate: Toluene-d8	*4.64*		"	*4.50*		*103*	*84-119*			
Surrogate: 4-Bromofluorobenzene	*4.55*		"	*4.50*		*101*	*86-119*			

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Conor Pacific / EFW	Project: B&C Gas Mini Mart	P312367
2580 Wyandotte St., Suite G	Project Number: BNC103	**Reported:**
Mountain View CA, 94043	Project Manager: Kris Johnson	01/07/04 07:29

Notes and Definitions

S-LIM	The surrogate recovery was outside control limits. The result may still be useful for its intended purpose.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Conor Pacific | **EFW**

CHAIN OF CUSTODY

Quotation No. X

P312340 1

PROJECT NO.:	SITE NAME:
BNC103	B-N-C GAS MINI MART
SAMPLER(S): C. Muir (printed)	C. Muir (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, OXY-8 BY EPA 8260	EPA 601/602	Cont. Qty.	Remarks
						Type/Vol.	VOA 40	VOA 40	VOA 40		
						Filter	N	N	N		
						Preserv.	HCl	HCl	HCl		
CMT3-22		12/9/03	1135	WATER	✓		3	3		6	FOR VOA'S: RUN
CMT3-25			1530				3	3		6	CLOSE TO NEAT.
CMT3-26			1353				3	3		6	
CMT3-27			1254				3	3		6	
TRIP BLANK 120903		↓	1639	↓					3	3	

P312367-01
-02
-03
-04
-05

4/1

Relinquished by: (signature)	Received by: (signature)	Date/Time:
C. Muir	S. Broderick	12/10/03 1245
S. Broderick 12/10/03 1720	Cindy Johnson Seq MH	12-10-03 1720
Cindy Johnson Seq MH		12/11 11:25
		12/11 12:55

SEND RESULTS TO:

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

(R) 12-11-03 1630

white: lab copy yellow: project file

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: CLP
REC. BY (PRINT) RCP
WORKORDER: B312367

DATE Received at Lab: 12-4-03
TIME Received at Lab: 1630
LOG IN DATE: 12/3/03

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*			CMT3-Z2 Z5 Z6 Z7	6x1V	W	12-9	
2. Chain-of-Custody	Present / Absent*							
3. Traffic Reports or Packing List:	Present / Absent			PW120903	3x1V			
4. Airbill:	Airbill / Sticker Present / Absent							
5. Airbill #:								
6. Sample Labels:	Present / Absent							
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody							
8. Sample Condition:	Intact / Broken* / Leaking*							
9. Does information on custody reports, traffic reports and sample labels agree?	Yes / No*							
10. Sample received within hold time:	Yes / No*							
11. Proper Preservatives used:	Yes / No*							
12. Temp Rec. at Lab: (Acceptance range for samples requiring thermal pres.:4+/-2°C)	4.1 Yes / No*							

*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		

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		

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-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		

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		

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-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		
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		

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-7	478.14	7/12/1999	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		
MW-8	473.23	7/12/1999	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		
MW-9	477.08	7/12/1999	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		

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	7/12/1999	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		
MW-11	464.93	7/12/1999	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		
MW-12	458.34	7/12/1999	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		

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-13	474.79	7/12/1999	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		
D-1	464.70	7/12/1999	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		
D-2	457.61	7/12/1999	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		

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	477.79	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		

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

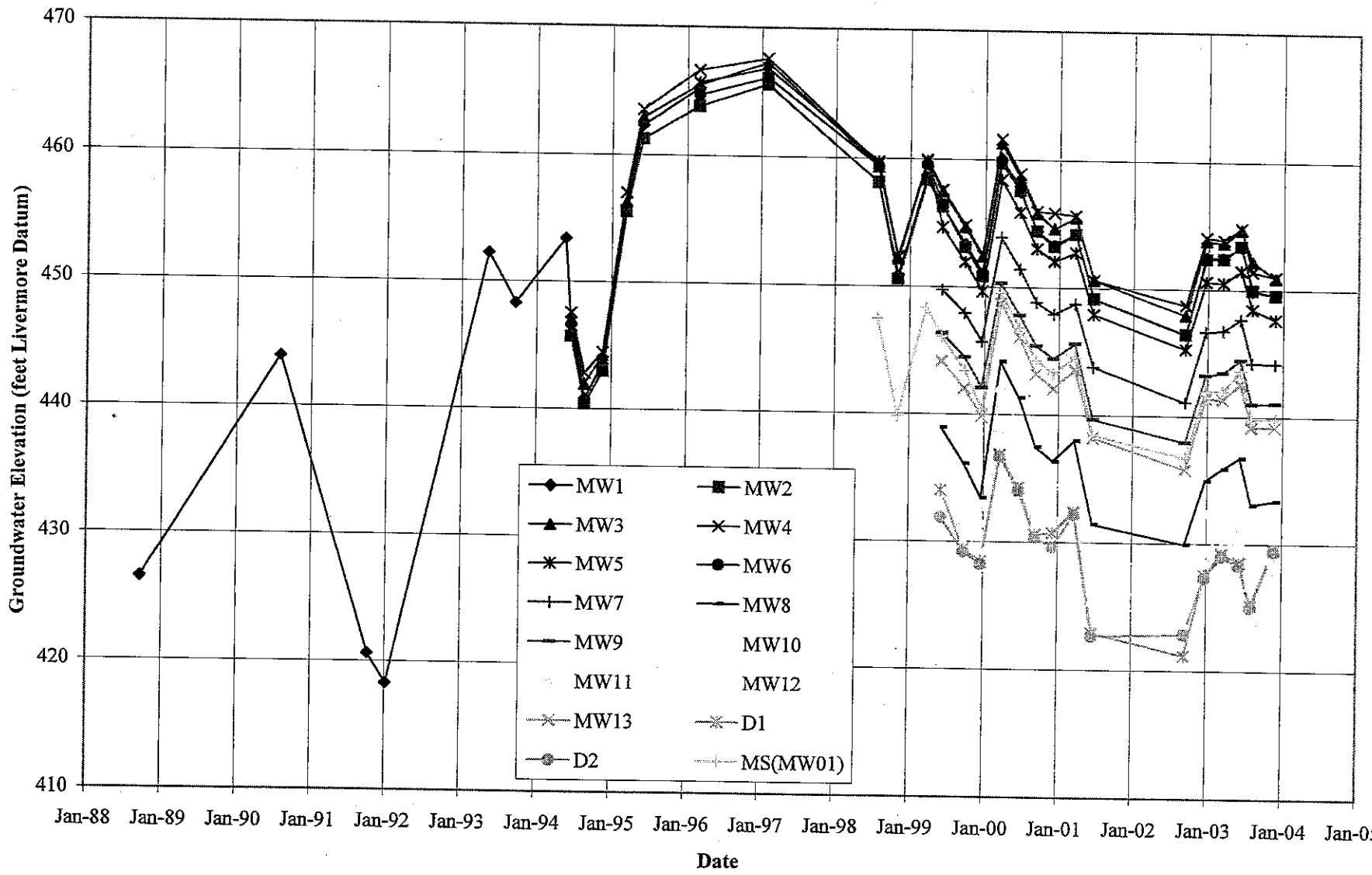

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Table C-2
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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	6/9/2003	6,700	52	32	110	460	4.7	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
MW-1	11/25/2003	11,000	27	17	29	140	4	<0.5	<0.5	<1	<5,000	<1	<1	<1,000	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
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

Table C-2
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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	11/25/2003	6,500	310	63	520	180	47	<0.5	<0.5	<1	<100	<1	<1	<20	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
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	13	10	180	<5	<5	<10	<1,000	<10	<10	<200	NA	NA
MW-3	11/26/2003	970	33	<2.5	7.2	6	190	<2.5	<2.5	<5	<500	<5	<5	<100	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

Table C-2
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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	**1**	<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	**1**	<0.3	**1**	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	11/05/98	<50	**1**	<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	11/26/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	NA	NA
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	11/24/2003	**18,000**	**1,300**	**120**	**1,300**	**420**	**690**	<50	<50	<100	<10,000	<100	<100	<2,000	NA	NA

Table C-2
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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	02/01/97	**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*	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	06/09/03	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*	NS*
MW-6	11/24/2003	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**	<1	**1.8**	<1	**4.7**	<1	<1	<2	<200	<2	<2	<40	NA	NA
MW-7	11/25/2003	**1,400**	**18.0**	2	**17.0**	1	**43**	<0.5	<0.5	<1	<100	<1	1	<20	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

Table C-2
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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
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	11/25/2003	<50	<0.5	<0.5	<0.5	<0.5	**2**	<0.5	<0.5	<1	<100	<1	<1	<20	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	11/25/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	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	11/25/2003	<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
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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	11/25/2003	<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	11/24/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	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
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

Table C-2
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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	11/25/2003	**170**	**5.6**	<0.5	<0.5	<0.5	**67**	<0.5	<0.5	<1	<100	<1	1	<20	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	11/25/2003	<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
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	11/24/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20	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

Table C-2
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
(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**	NA	NA	NA	NA	NA	NA	NA	NA	NA
(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	11/24/2003	**3,000**	**31**	3	**61**	7	9	<2.5	<2.5	<5	<500	<5	<5	<100	NA	NA

Notes on page 10.

Table C-2
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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	10/11/1995	**380**	**61**	**1**	<0.5	**2**	**80**	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-2	10/11/1995	**14**	**3**	<0.5	<0.5	<0.5	**9**	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3	10/11/1995	**92,000**	**11,000**	**18,000**	**2,200**	**11,000**	**18,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-4	10/11/1995	**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
B&C Gas Mini Mart
Livermore, California

Well No.	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)	EDB (ug/l)	EDC (ug/l)	DIPE (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	m,p-Xylene (ug/l)	o-Xylene (ug/l)
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
** = 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
Historical Groundwater Analytical Results for Multi-Level Wells
B&C Gas Mini Mart
Livermore, California

Well No.	Zone No.	Sample Date	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (total) (µg/L)	Methyl tert-butyl ether (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloroethane (µg/L)	Di-isopropyl ether (µg/L)	Ethanol (µg/L)	Ethyl tert-butyl ether (µg/L)	tert-Amyl methyl ether (µg/L)	tert-Butyl alcohol (µg/L)
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
	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
	Z3	8/11/2003	<50	<0.5	<0.5	<0.5	<0.5	**0.59**	<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
	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
	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
	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
	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
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
	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

Table C-3
Historical Groundwater Analytical Results for Multi-Level Wells
B&C Gas Mini Mart
Livermore, California

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

Table C-3
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B&C Gas Mini Mart
Livermore, California

Well No.	Zone No.	Sample Date	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (total) (µg/L)	Methyl tert-butyl ether (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloroethane (µg/L)	Di-isopropyl ether (µg/L)	Ethanol (µg/L)	Ethyl tert-butyl ether (µg/L)	tert-Amyl methyl ether (µg/L)	tert-Butyl alcohol (µg/L)
	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
	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
	Z7	8/21/2003	<50	<0.5	<0.5	<0.5	<0.5	**1.0**	<0.5	<0.5	<1	<100	<1	<1	<20
	Z7	12/9/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<100	<1	<1	<20
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
	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
	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
	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
	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

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

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

Notes on page 2.

Notes:

µg/L = micrograms per liter

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

< = less than the laboratory reporting limit