

Golder Associates Inc.

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TRANSMITTAL LETTER

TO: DONNA DROGOS
ALAMEDA COUNTY ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY
SUITE 250
ALAMEDA, CA 94502-6577

Date: 22-Nov-05
Reference: 053-7466

ATTN: DONNA DROGOS

SENT BY: Bill Fowler

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ENVIRONMENTAL HEALTH SERVICES

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Quantity	Item	Description
1	Report	Third Quarter 2005 Groundwater Monitoring Results

Remarks:

Golder Associates Inc.

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Mountain View, CA USA 94043
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**THIRD QUARTER 2005
GROUNDWATER MONITORING RESULTS**

ENVIRONMENTAL HEALTH SERVICES

B & C GAS MINI MART

(Station ID 1689)

2008 First Street

Livermore, California

Prepared for Submittal to
Alameda County Environmental Health Services

Prepared by

Golder Associates Inc.
2580 Wyandotte Street, Suite G
Mountain View, California 94043

Distribution:

- (2) Copies – Balaji Angle, B & C Gas Mini Mart
- (1) Copies – Donna Drogos, ACEHS
- (1) Copies – Colleen Winey, Zone 7 Water Agency
- (2) Copies - Golder Associates Inc.

November 15, 2005



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November 15, 2005

Project No. 053-7466

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

RE: THIRD QUARTER 2005 GROUNDWATER MONITORING RESULTS, B&C GAS MINI MART, 2008 FIRST STREET, LIVERMORE, CALIFORNIA (STATION ID 1689)

Dear Mr. Angle:

Golder Associates Inc. has compiled the third quarter 2005 groundwater monitoring results for B&C Gas Mini Mart (B&C) [currently named Valley Gas and Mini Mart], 2008 First Street, Livermore, California (Figure 1). This report includes groundwater elevation data, groundwater sampling methods, and results of groundwater chemical analyses.

Eight of the sixteen on-and off-site single-screen monitoring wells, and all zones (seven zones) of all four multi-level monitoring wells were scheduled for sampling during this quarter. With the exception of well MW-6 (obstructed), and CMT-4 Z-1 (dry), all wells scheduled to be sampled were successfully sampled for field monitoring and laboratory analysis for a total of 35 monitoring points.

SITE INFORMATION

Site Name & Contact

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

Site Description

The B&C property is located on the northeast corner of First and South L Streets in Livermore, California, and currently serves as a gasoline station and mini market called Valley Gas. From at least 1988 until 1994, Desert Petroleum (DP) owned and operated the site. In January 1994, DP sold the site to the current owner, Mr. Balaji Angle. The following site description has been compiled from reports on file with Alameda County Environmental Health Services (ACEHS) and information provided by the site owner.

The site is located in the Livermore Valley groundwater basin, an area of sedimentary deposition containing braided channel systems with complex interfingering. Subsurface investigations conducted to the west of the B&C site have found an upper unconfined water-bearing zone consisting

primarily of gravels with sand and clay. A low-permeability clayey unit is found at depths of approximately 75 to 110 feet below ground surface (bgs). Below the clayey unit, the top of a lower, semi-confined aquifer is found at depths ranging from 110 to 145 feet bgs.¹

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

Previous Work Performed at Site

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

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

One gasoline UST at the B&C site failed an integrity test in September 1995. The tank was immediately taken out of commission and ACEHS was notified. In July 1996, further source removal was conducted. Two more gasoline USTs were removed and new double-walled fiberglass USTs and fiberglass piping with automated leak detection were installed (Figure 2). Other remedial activities included the removal of two hydraulic lifts and approximately 700 cubic yards of impacted soil. Also, one 1,000-gallon UST discovered during excavation activities was closed in place with approval from ACEHS and the Livermore Fire Department by grouting with cement sand slurry. In October 1995, two additional monitoring wells (off-site well MW-5 and well MW-6) were installed for the B&C site (Figure 2).

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

In July and August 2003, four multi-level wells were installed (CMT-1, CMT-2, CMT-3, and CMT-4). Each was constructed using continuous multi-channel tubing (CMT) and completed with seven sampling ports to monitor groundwater both in the upper water-bearing zone and in the semi-

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

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

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

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

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 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 have decreased.

Interim Remedial Action at Well MW-5

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

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

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

GROUNDWATER SAMPLING AND ANALYSIS

The groundwater monitoring program for single screen and multi-level wells is summarized in Tables 2a and 2b. At the request of ACEHS, all zones of all the CMT wells were sampled for routine monitoring parameters.

Sampling activities are summarized 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, Golder personnel checked for free-product in wells (MW-1, MW-2, MW-5, MW-6, and MS MW01) where product has historically been detected. No measurable free product was observed in MW-2 and MS MW01 during this monitoring event. The product probe detected 0.01 foot of product in MW-5, however, this was not confirmed (i.e., no product observed in purge water but a moderate sheen was noted) when the well was sampled; the reading was therefore discounted as an instrument error. The product probe was obstructed in well MW-6 at 28.59 feet

therefore no reading was taken. No sheen was observed in any well this event. Moderate to strong hydrocarbon odor was detected in wells MW-1, MW-2, MW-5, MW-7, and CMT-4- Z2. A faint to light hydrocarbon odor was noted in well MW-13, CMT-1-Z2, CMT-1-Z3, CMT 1-Z4, CMT-2-Z2, CMT-3-Z2, CMT-3-Z7, and CMT-4-Z3 and CMT-4-Z4 during purging. All other wells and zones had no detectable odor.

Groundwater Elevations

On September 15, 2005, Golder personnel measured the depth to water in all groundwater monitoring wells. Water levels were measured to the nearest 0.01-foot using a water level meter, according to standard measuring protocol,⁵ 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 3a and 3b summarize the groundwater elevations from the current monitoring event (historical groundwater elevations are included in Appendix C). A groundwater contour map, based on the current water level measurements, is presented on Figure 3. Water levels measured in Zone 2 of the multi-level wells were used to complete the equipotential contours on Figure 3. Compared to the previous quarter groundwater level measurements conducted in June 2005, current groundwater elevations are on average, approximately five to six feet lower in almost all wells. Groundwater flow is slightly north of west (~N80W) and the hydraulic gradient is approximately 0.014 foot per foot. The flow direction and gradient are in accordance with previous results.

During this quarter, a vertically downward gradient was observed between wells MW-11 and MW-12 in the upper water-bearing zone and wells D-1 and D-2. A slight upward gradient is observed across the known aquiclude in multi-level well CMT-2; downward gradients are observed in CMT-1, 3 and 4, which is somewhat expected at the peak of the dry season.

Sampling Methods

Golder personnel sampled eight single-screen monitoring wells on September 15 and September 16, 2005 (MW-1, MW-2, MW-3, MW-4, MW-5, MW-7, MW-13 and D-2); and all zones in all multi-level monitoring wells from September 16 through 30, 2005.⁶

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

Each zone in the multi-level wells was purged and sampled using inertial lift methods with dedicated 1/4-inch diameter tubing 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

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

⁶ All CMT wells were sampled in the 3rd quarter per a verbal request by Donna Drogos, ACEH.

sampling. Chain-of-custody documentation accompanied the samples through collection and delivery to the analytical laboratory (Appendix B).

Purge water was contained in 55-gallon drums temporarily stored at the B&C site. After the third quarter 2005 monitoring event was completed, a composite sample was collected from the drummed purge water on September 30, 2005 (PW093005). At the beginning of the 4th quarter 2005, monitoring event, purge water will be discharged into a sewer clean-out line in accordance with a City of Livermore Water Resources Division discharge permit (permit renewal in progress). The permit allows the discharge of purge water containing less than 1 milligram per liter (mg/L) of total toxic organics. According to the analytical results from the third quarter 2005, composite purge water sample PW093005 contained a total organic compound concentration <11 µg/L, which is well within the current permit conditions.

Analytical Program

Sequoia Analytical of Morgan Hill, California, a state-certified laboratory, performed all groundwater analyses. Groundwater samples were analyzed for TPH-G, benzene, toluene, ethylbenzene, and total xylenes (collectively referred to as BTEX compounds) and the oxygenates methyl tertiary-butyl ether (MTBE) tert-butyl alcohol (TBA)⁷ by the U.S. Environmental Protection Agency Method 8260B.

Laboratory Quality Control

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

- The quality control samples for PW093005 had spike recoveries above control for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- The quality control samples for PW093005 had percent recovery below control limits for three compounds for the LCS dup and/or MS.
- The quality control samples for PW093005 had RPD's that exceeded control limits for four compounds for the LCS dup. The batch was accepted based on percent recoveries and completeness of QC data.
- The quality control samples from wells CMT-4 and CMT-1-Z5 and Z6 had percent recovery above control limits for ethanol for the LCS.
- The quality control samples for wells MW-1 through MW-5, MW-7, MW-13, D-2, CMT2 all zones, CMT1-Z7, CMT3-Z7, CMT4-Z7, and CMT1-Z1 through Z3 had spike recoveries above control for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- The quality control samples for wells MW-1 through MW-5, MW-7, MW-13, D-2, CMT2 all zones, CMT1-Z7, CMT3-Z7,

⁷ TBA added per request by D. Drogos, ACEH.

CMT4-Z7, and CMT1-Z1 through Z3 had percent recovery above control limits for ethanol for the MSD, LCS and MS.

- The quality control samples for wells CMT3-Z1 through Z6 and CMT1-Z4 had spike recoveries above or below control for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- The TPH-G result for CMT3-Z1 is elevated due to the presence of a single analyte peak in the quantitation range (MTBE).

Analytical Results

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

Over the last ten years of monitoring at the site, concentrations of benzene have steadily decreased in all single-screen site wells (Appendix C). Analysis for MTBE in site groundwater samples began in June 1995. Since then, concentrations of MTBE have decreased significantly; impacted wells from the source area to the distal end of the plume are now showing fairly steady results over time. Seasonal changes in hydrocarbon concentrations are evident in other wells, probably a reflection of seasonal water level fluctuations.

Detections in On-Site Wells

Site wells MW-1, MW-2, MW-5 and CMT-4-Z2 continue to have the highest hydrocarbon concentrations. Of these four wells, Well CMT-4-Z2 has the highest concentration of BTEX and MTBE; however, concentrations are at or near historic lows indicating continued degradation in the source area. (Table 4a and 4b). In general, BTEX and MTBE concentrations are all at or very near historic lows during this most recent sampling event for the single screen wells near the source area. During the current sampling event, no hydrocarbons, BTEX or MTBE were detected in upgradient monitoring well MW-4.

CMT-4 continued to show trace level detections for BTEX components below the aquiclude at the site (i.e., zones 6 and 7). It is believed that these detections are related to either: 1) carry down of contaminated soil as part of the sonic drilling, 2) cross contamination resulting from diffusion of BTEX through chamber walls of the CMT pipe, or 3) cross contamination related to the penetration of the aquiclude by MW-1. The fact that the concentrations have decreased significantly over time indicates that carry down may be the most likely explanation.

Detections in Downgradient Wells

Downgradient of the site, TPH-G, BTEX and MTBE were detected in well MW-7, and MTBE was detected in well MW-13 (Tables 4a). No hydrocarbons, BTEX or MTBE were detected in downgradient monitoring well D-2. The concentrations detected in the samples from well MW-7 and MW-13 are within historic ranges. The historical record of analytical results show fluctuations in the reported concentrations, therefore, the current results likely reflect seasonal fluctuations.

MTBE was detected in zone 2 of the downgradient multi-level wells CMT-2 and zone 1 through 3 of CMT-3. MTBE was not detected in well CMT-1. MTBE in Zone 1 of well CMT-3 was within

historic ranges (72 µg/l). TBA was detected for the first time in Zone 3 of CMT-3. MTBE was detected for the second time in this zone. TPH-G was reported in Zone 1 of CMT-1, however, the QA/QC notes indicate this detection was the result of the MTBE in the sample.

The down-gradient multi-level wells CMT-1, CMT-2, and CMT-3 help to better define the lateral and vertical extent and direction of the MTBE plume. The MTBE plume appears to be migrating in a direction slightly north of west (approximately N75° to N80° W), and not directly toward California Water Supply (CWS) well #8. MTBE continues to be detected at low concentrations in zone 2 of down-gradient multi-level wells CMT-2 and CMT-3. In addition, there has never been a confirmed detection in CMT-2, 3 or 4 in the zones installed below the regional aquiclude (i.e., zones 4 through 7).

SUMMARY

Eight single-screen and all zones in all four multi-level monitoring wells (36 attempted samples) were sampled during the third quarter 2005. Current groundwater monitoring results from the single-screen wells are somewhat lower than or similar to the previous quarters monitoring results in wells in proximity and immediately downgradient of the original source location.

In general, concentrations of BTEX and MTBE have declined throughout the last eight years and show shrinking or stable plume conditions. Declining concentrations appear to be due to natural attenuation based on the shrinking and/or stable BTEX and MTBE plumes, and indicators of natural attenuation (not analyzed this event).

With the exception of multi-level well CMT-4, hydrocarbon concentrations at the source area also appear to declining. However, fluctuations in hydrocarbon concentrations (below historical maximums), are observed on occasion at and near the source area. No free product thickness was measured in any well, however, sheen and odor were detected in several wells.

We are currently awaiting confirmation of a meeting between ACEH, the City of Livermore, and the RWQCB to discuss proposed work going forward to address source zone characterization and remediation activities. Fourth quarter 2005 groundwater monitoring currently is scheduled to commence on November 29, 2005. The fourth quarter monitoring is the annual monitoring event for the site (Tables 2a and 2b). In addition, per ACEH request, all zones of all CMT wells will be sampled as the final quarter of the requested four quarters of monitoring.

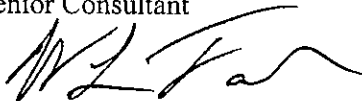
If you have any questions regarding this report, please call us at (650) 386-3828.

Sincerely,

GOLDER ASSOCIATES INC.



Kris H. Johnson C.E.G. 1763
Senior Consultant



William L. Fowler C.E.G. 1401
Senior Consultant

cc: Donna Drogos, Alameda County Environmental Health Services
Colleen Winey, Alameda Co. Flood Control and Water Cons. District Zone 7

Attachments:

Tables

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

Figures

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

Appendices

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

LIMITATIONS

Golder Associates Inc.'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.

TABLES

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

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

Notes:

HAS = Hollow-Stem Auger

T.D. = total depth

ft.-bgs = feet below ground surface

NA = not available

Well construction information for wells MW-2 through MW-6 collected from Remediation Service Int'l boring logs.

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

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

Notes:

T.D. = total depth

ft.-bgs = feet below ground surface

CMT = continuous multi-channel tubing (7 discrete internal channels in a "honeycomb" pattern within the larger tubing)

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

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

Notes:

Q - Quarterly.

A - Annual (during fourth quarter).

I - Inactive (no sampling is proposed for wells MW-11 and D-1).

MNA - Monitored natural attenuation.

Quarterly (Q) and Annual (A) monitoring parameters: TPHg, BTEX compounds, and MTBE. TAME annually only.

Annual sampling for MNA parameters: DO, ORP, dissolved iron and manganese, alkalinity series, CO2, nitrate and sulfate (during second quarter).

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

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

Notes:

Q - Quarterly

A - Annual (during fourth quarter)

I - Inactive (no sampling is proposed for these zones)

MNA - Monitored natural attenuation

Quarterly (Q) and Annual (A) monitoring parameters: TPHg, BTEX compounds, and MTBE. TAME annually only.

Annual sampling for MNA parameters: DO, ORP, dissolved iron and manganese, alkalinity series, CO2, nitrate and sulfate (during second quarter).

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

Well Number	Top-of-Casing Elevation (feet, MSL)	Depth to Water (feet, TOC)	September 15, 2005		Product Thickness (feet)
			Groundwater Elevation (feet, MSL)	Depth to Free product (feet, TOC)	
MW-1*	483.68	31.28	452.40	NM	NM
MW-2	483.86	31.53	452.33	NM	NM
MW-3	484.24	30.62	453.62	NM	NM
MW-4	485.04	31.22	453.82	NM	NM
MW-5	481.97	31.15	450.82	NM	NM
MW-6	483.93	NM	NM	NM	NM
MW-7	478.14	31.47	446.67	NM	NM
MW-8	473.23	37.42	435.81	NM	NM
MW-9	477.08	33.81	443.27	NM	NM
MW-10	471.42	37.79	433.63	NM	NM
MW-11	464.93	34.13	430.80	NM	NM
MW-12	458.34	28.66	429.68	NM	NM
MW-13	474.79	33.55	441.24	NM	NM
D-1	464.70	36.49	428.21	NM	NM
D-2	457.61	29.64	427.97	NM	NM
(MS)MW-1	477.79	35.89	441.90	NM	NM

Notes:

feet, MSL = feet above mean sea level

feet, TOC = feet below top of casing

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

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

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

Well No.	Zone No.	Top-of-Casing Elevation (feet, MSL)	Depth to Water (feet, TOC)	September 15, 2005		Product Thickness (feet)
				Groundwater Elevation (feet, MSL)	Depth to Free product (feet, TOC)	
CMT-1	Z1	469.51	39.09	430.42	NM	NM
	Z2		40.08	429.43	NM	NM
	Z3		40.09	429.42	NM	NM
	Z4		39.32	430.19	NM	NM
	Z5		39.31	430.20	NM	NM
	Z6		39.47	430.04	NM	NM
	Z7		41.86	427.65	NM	NM
CMT-2	Z1	470.14	38.04	432.10	NM	NM
	Z2		39.90	430.24	NM	NM
	Z3		39.96	430.18	NM	NM
	Z4		39.65	430.49	NM	NM
	Z5		39.66	430.48	NM	NM
	Z6		39.85	430.29	NM	NM
	Z7		40.10	430.04	NM	NM
CMT-3	Z1	473.44	38.39	435.05	NM	NM
	Z2		38.40	435.04	NM	NM
	Z3		39.84	433.60	NM	NM
	Z4		41.85	431.59	NM	NM
	Z5		42.11	431.33	NM	NM
	Z6		41.11	432.33	NM	NM
	Z7		41.99	431.45	NM	NM
CMT-4	Z1	483.38	25.7 (dry)	dry	NM	NM
	Z2		31.00	452.38	NM	NM
	Z3		30.72	452.66	NM	NM
	Z4		30.76	452.62	NM	NM
	Z5		30.83	452.55	NM	NM
	Z6		36.17	447.21	NM	NM
	Z7		37.52	445.86	NM	NM

Notes:

feet, MSL = feet above mean sea level

feet, TOC = feet below top of casing

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

MS = Mill Springs Park

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

All concentrations in micrograms per liter (ug/L)

Well No.	Sample Date	TPH-G	Benzene	Toluene	Ethyl benzene	Xylenes (total)	Methyl tert-butyl ether	Tert-butyl alcohol	Tert-amyl methyl ether
MW-1	9/15/05	1,800	13	<5.0	9.0	14	5.5	<200	-
MW-2	9/15/05	1,800	91	9.8	130	12	35	<200	-
MW-3	9/15/05	<500	96	<5.0	<5.0	8.8	210	<200	-
MW-4	9/15/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
MW-5	9/15/05	12,000	760	<50	1,100	110	170	<2000	-
MW-6	NA	-	-	-	-	-	-	-	-
MW-7	9/16/05	1,300	22	<5.0	36	<5.0	54	<200	-
MW-8	NS	-	-	-	-	-	-	-	-
MW-9	NS	-	-	-	-	-	-	-	-
MW-10	NS	-	-	-	-	-	-	-	-
MW-11	NA	-	-	-	-	-	-	-	-
MW-12	NS	-	-	-	-	-	-	-	-
MW-13	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	3.4	<20	-
D-1	NA	-	-	-	-	-	-	-	-
D-2	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
8K2	NS	-	-	-	-	-	-	-	-

Notes:

TPH-G = total petroleum hydrocarbons as gasoline.

< = less than the laboratory reporting limit.

NA = Not applicable; well MW-6 is obstructed at 28.6' below TOC; MW-11 and D-1 are inactive.

NS = Not sampled during Third Quarter 2005 monitoring event.

Tert-amyl methyl ether analyzed annually.

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

All concentrations in micrograms per liter (ug/L)

Well No.	Zone No.	Sample Date	TPH-G	Benzene	Toluene	Ethyl benzene	Xylenes (total)	Methyl tert-butyl ether	Tert-butyl alcohol	Tert-amyl methyl ether
CMT-1	Z1	9/19/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z2	9/19/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z3	9/19/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z4	9/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z5	9/30/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z6	9/30/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z7	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
CMT-2	Z1	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z2	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	0.90	<20	-
	Z3	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z4	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z5	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z6	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z7	9/19/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
CMT-3	Z1	9/20/05	67	<0.50	<0.50	<0.50	<0.50	72	<20	-
	Z2	9/20/05	<50	<0.50	<0.50	<0.50	<0.50	2.1	<20	-
	Z3	9/20/05	<50	<0.50	<0.50	<0.50	<0.50	1.1	20	-
	Z4	9/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z5	9/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z6	9/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
	Z7	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-
CMT-4	Z1	NA	-	-	-	-	-	-	-	-
	Z2	9/30/05	5,700	1,500	470	320	590	2,000	<1000	-
	Z3	9/30/05	400	170	64	9.3	64	22	<40	-
	Z4	9/30/05	81	24	18	1.9	6.8	0.65	<20	-
	Z5	9/30/05	<50	3.2	3.7	<0.50	2.2	<0.50	<20	-
	Z6	9/30/05	<50	0.63	0.52	<0.50	<0.50	<0.50	<20	-
	Z7	9/16/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	-

Notes:

CMT = continuous multi-channel tubing.

TPH-G = total petroleum hydrocarbons as gasoline.

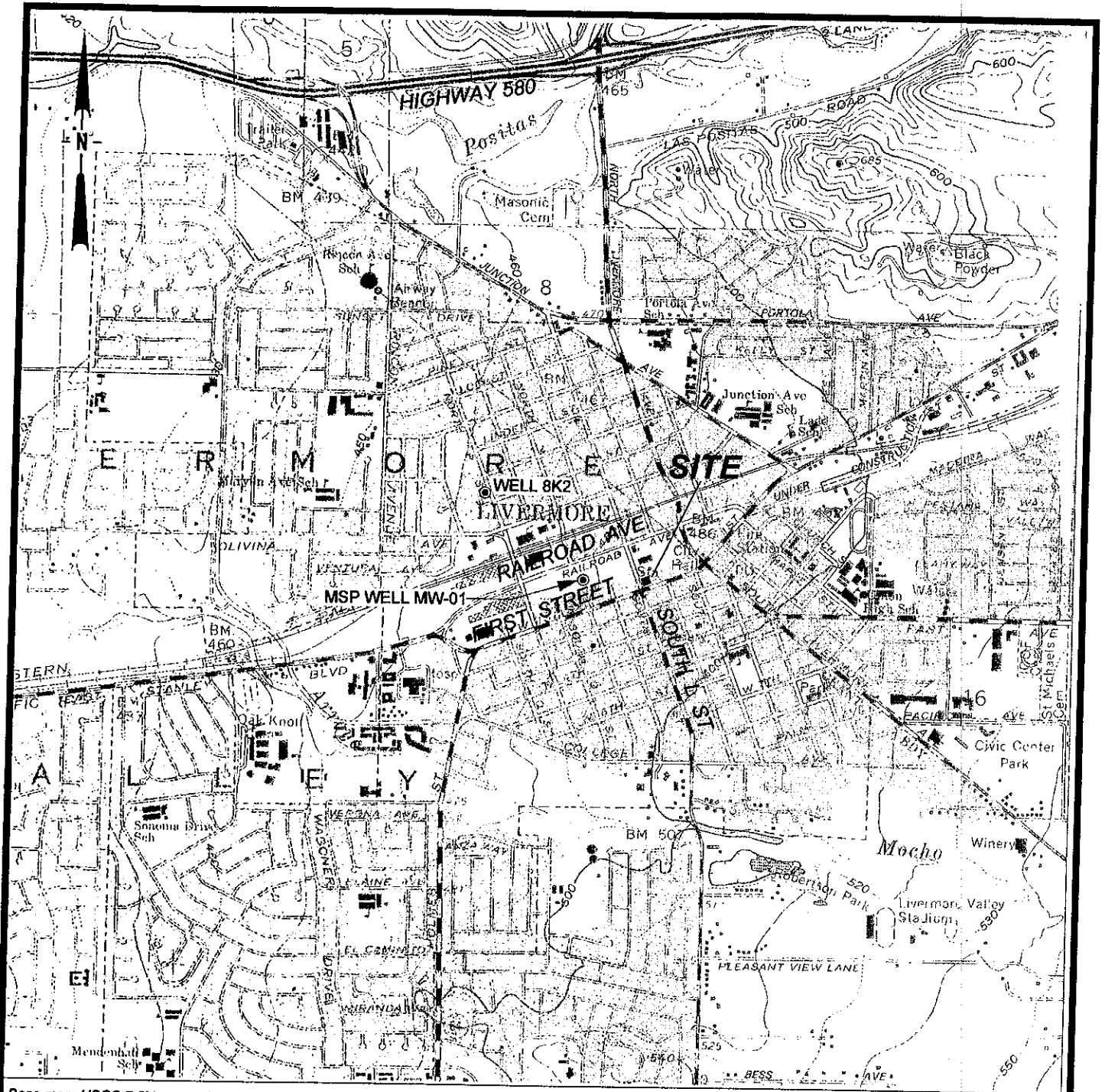
NS = not sampled during the Third Quarter 2005 monitoring event.

NA = Not applicable; well dry.

< = less than the laboratory reporting limit.

Tert-amyl methyl ether analyzed annually.

FIGURES



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

SCALE: 0 2,000 4,000 FEET



G:\053-7466\103\FIGURES\SITELOC.DSF 7/9/05



GROUNDWATER MONITORING
B & C GAS MINI MART
LIVERMORE, CALIFORNIA

SITE LOCATION MAP

FIGURE

1

PROJECT NO.
053-7466

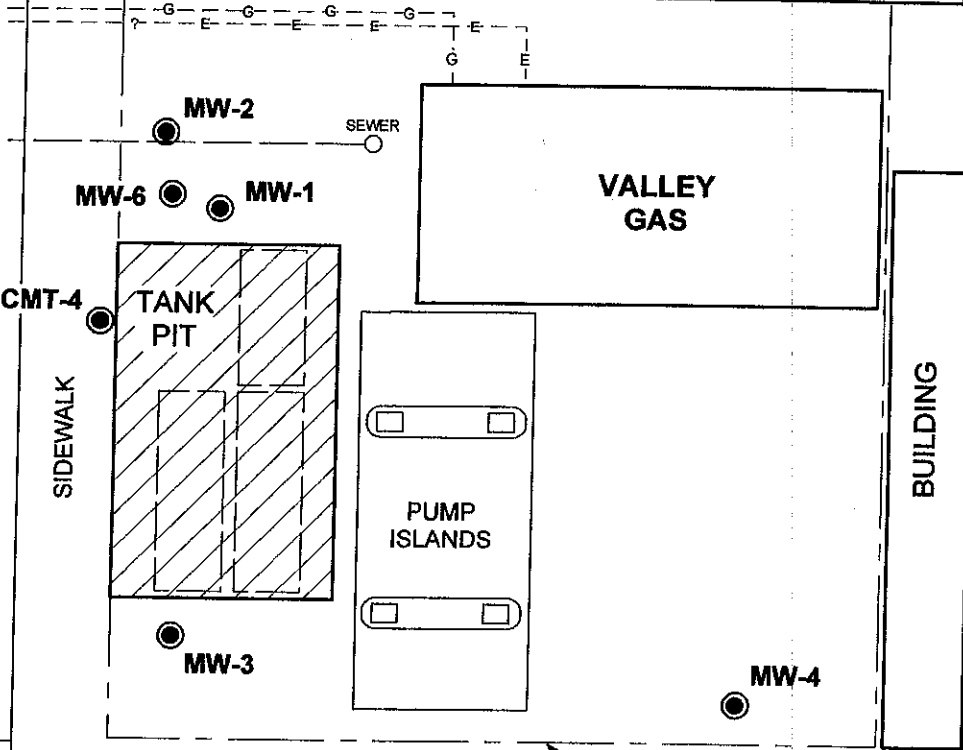
MW-5
(Located 200' NW)



SOUTH L STREET

LIQUOR STORE

LIQUOR STORE



MW-2

SEWER

MW-6

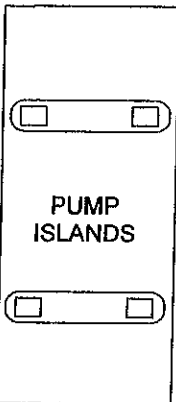
MW-1

VALLEY GAS

CMT-4

TANK PIT

SIDEWALK



PUMP ISLANDS

MW-3

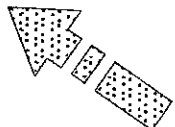
MW-4

BUILDING

SIDEWALK

SITE BOUNDARY

FIRST STREET



APPROXIMATE GROUNDWATER FLOW DIRECTION

EXPLANATION

MW-6 ● Groundwater monitoring well

SCALE: 0 25 50 FEET



(APPROXIMATE - NOT SURVEYED)



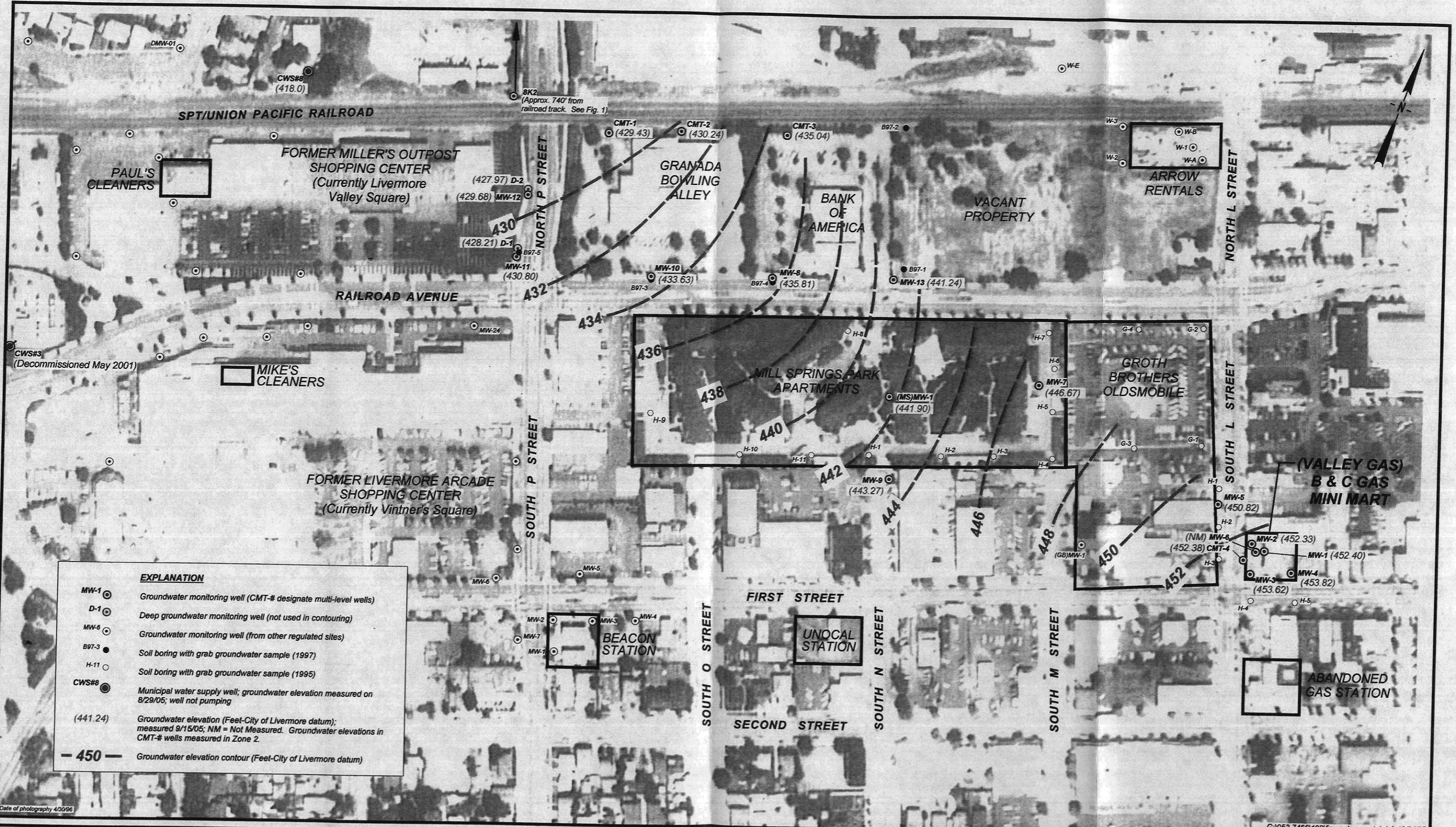
GROUNDWATER MONITORING
B & C GAS MINI MART
LIVERMORE, CALIFORNIA

SITE PLAN

FIGURE

2

PROJECT NO.
053-7466

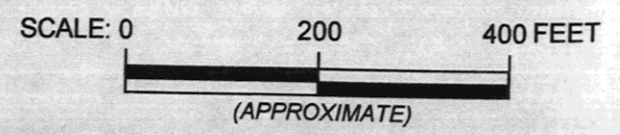


EXPLANATION

- MW-1 (C) Groundwater monitoring well (CMT-# designate multi-level wells)
- D-1 (C) Deep groundwater monitoring well (not used in contouring)
- MW-6 (C) Groundwater monitoring well (from other regulated sites)
- B97-3 (●) Soil boring with grab groundwater sample (1997)
- H-11 (○) Soil boring with grab groundwater sample (1995)
- CWS#8 (C) Municipal water supply well; groundwater elevation measured on 8/29/05; well not pumping
- (441.24) Groundwater elevation (Feet-City of Livermore datum); measured 9/15/05; NM = Not Measured. Groundwater elevations in CMT-# wells measured in Zone 2.
- 450 - Groundwater elevation contour (Feet-City of Livermore datum)

Date of photography 4/30/96

G:\053-7466\103\figures\gw-aerial.dxf 10/24/05

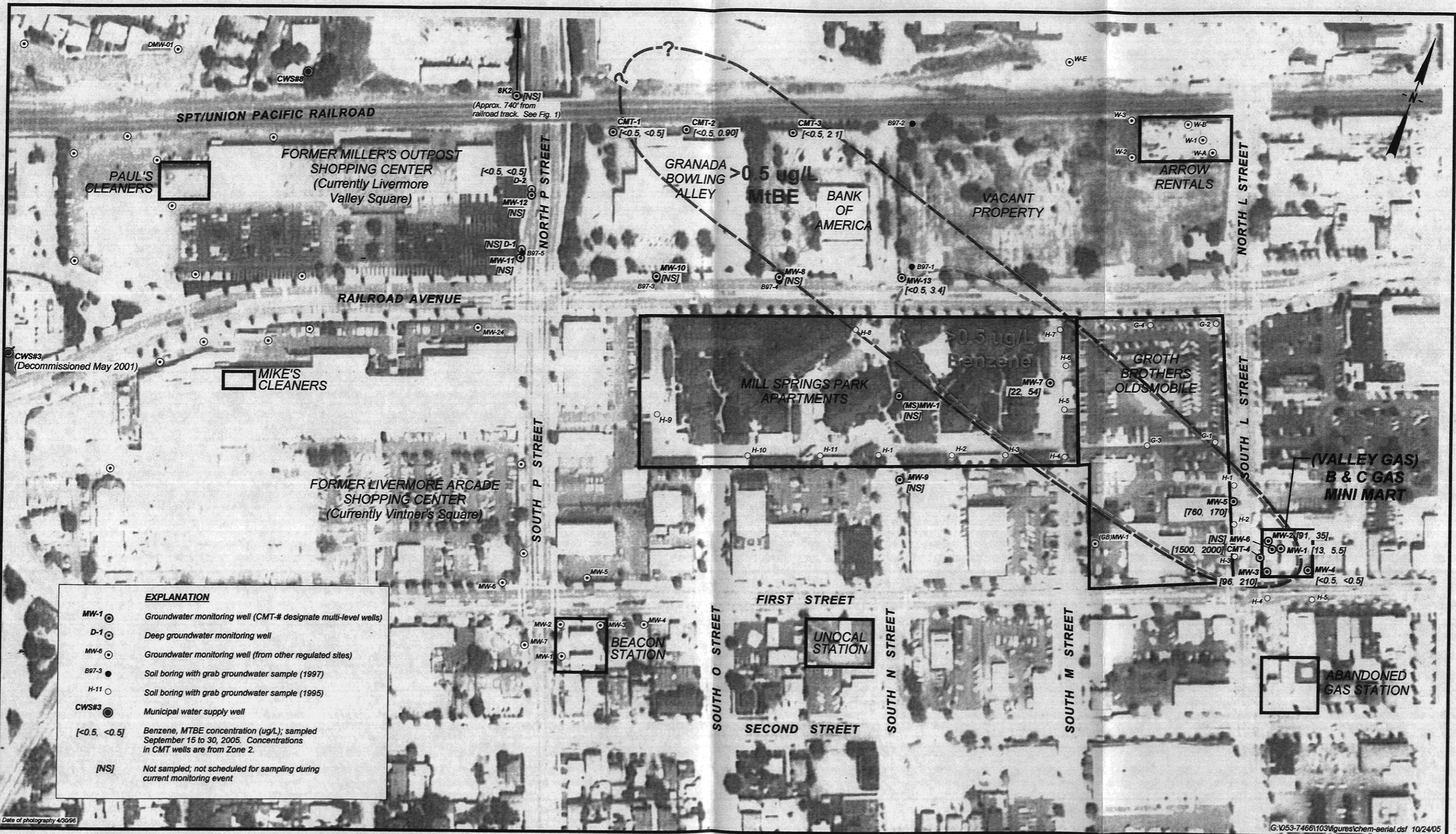


GROUNDWATER MONITORING
 B & C GAS MINI MART
 LIVERMORE, CALIFORNIA

WELL LOCATIONS AND GROUNDWATER CONTOURS (SEPTEMBER 2005)

FIGURE
3

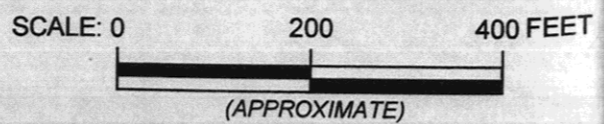
PROJECT NO.
 053-7466



EXPLANATION	
MW-1	Groundwater monitoring well (CMT-# designate multi-level wells)
D-1	Deep groundwater monitoring well
MW-6	Groundwater monitoring well (from other regulated sites)
B97-3	Soil boring with grab groundwater sample (1997)
H-11	Soil boring with grab groundwater sample (1995)
CWS#3	Municipal water supply well
<0.5, <0.5]	Benzene, MTBE concentration (ug/L); sampled September 15 to 30, 2005. Concentrations in CMT wells are from Zone 2.
[NS]	Not sampled; not scheduled for sampling during current monitoring event

Date of photography 4/30/98

G:\053-7466\103\figures\chem-aerial.dsf 10/24/05



GROUNDWATER MONITORING
 B & C GAS MINI MART
 LIVERMORE, CALIFORNIA
 GROUNDWATER CHEMISTRY (SEPTEMBER 2005)

FIGURE
4
 PROJECT NO.
 053-7466

APPENDIX A

Water Sample Field Data Sheets



CITY OF LIVERMORE
 WATER RESOURCES DIVISION
 101 W. Jack London Boulevard
 Livermore, CA 94551
 (925) 960-8100



GROUNDWATER DISCHARGE PERMIT

PERMIT #: 1514G (2005-2006)
 PERMITTEE: Valley Gas and Mini-Mart
 ADDRESS: 2008 First Street
 Livermore, CA 94550

is hereby authorized to discharge wastewater from the above identified facility and through the outfalls identified herein into the City of Livermore sewer system in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable provisions of the City of Livermore Municipal Code or any applicable local, State, or Federal code or regulation, including any such regulations, standards, requirements or laws that may become effective during the term of this permit.

Any violation of any provision of said codes or regulations will be just cause for revoking this permit.

This permit shall become effective on August 1, 2005 and shall expire at midnight on July 31, 2006.

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit in accordance with the requirements contained within the permit conditions of this permit, a minimum of 60 days prior to the expiration date.

The permittee shall report to the City of Livermore Water Reclamation Plant any change, (permanent or temporary) to the premise or operation that significantly change the quality or volume of the wastewater discharge or deviate from the terms and conditions under which this permit is granted.

By: 

Issued this day of August 15, 2005

WATER LEVEL DATA SHEET

Project: B&C Gas Mini Mart
 Project No.: 053-7466
 Date(s): 9/15/05
 Name: C. Mann
 Weather: SUNNY

Sounder #: SLOPE 16071, HERON 01-1888

Well	Date	Time	DTW (TCC)	Total Depth	Meas. By	Comments
MW-1	9/15/05	1049	31.28	NM	LM	HERON
MW-2		1038	31.53	56.1		
MW-3		1053	30.62	57.6		
MW-4		1059	31.22	59.9		
MW-5		1422	31.15	39.6		
MW-6		1043	NM	28.6		DTW: 31.14'
MW-7		1345	31.47	49.1		SLOPE
MW-8		1235	31.42	58.0		
MW-9		1126	33.51	44.0		
MW-10		1231	37.79	53.5		
MW-11		1210	34.13	48.6		
MW-12		1208	28.66	43.6		
MW-13		1241	33.55	53.9		
D-1		1212	36.49	123.6		
D-2		1206	29.64	110.5		
MS MW01		1255	35.89	NM		SLOPE HERON
CMT1-21		1249	39.09	NM		SLOPE
CMT1-22		1251	40.08			
CMT1-23		1253	40.09			
CMT1-24		1255	39.32			
CMT1-25		1256	39.31			
CMT1-26		1257	39.47			
CMT1-27		1258	41.86			
CMT2-21		1319	38.04			
CMT2-22		1320	39.80			
CMT2-23		1321	39.96			
CMT2-24		1322	39.65			
CMT2-25		1324	39.66			
CMT2-26		1325	39.85			
CMT2-27		1326	40.10			
CMT3-21		1332	38.39			
CMT3-22		1334	39.40			
CMT3-23		1335	39.84			
CMT3-24		1336	41.85			
CMT3-25		1337	42.11			
CMT3-26		1339	41.11			
CMT3-27		1341	41.99			
CMT4-21		1106	30.62	NM		WELL DRN. TD: 25.7'
CMT4-22		1110	31.00			
CMT4-23		1111	30.72			
CMT4-24		1112	30.76			
CMT4-25		1113	30.83			
CMT4-26		1118	36.17			
CMT4-27		1120	37.52			



Golder Associates Inc. CHAIN OF CUSTODY

PROJECT AND PHASE NO.: 0537466		SITE NAME: B-N-C Gas Mini Mart		ANALYSES										<input type="checkbox"/> EDD required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
SAMPLER(S): R. HARRISON <small>(printed)</small>		R. HARRISON <small>(signature)</small>		TPA-CAN BTEX MTEE BY EPA 8160 TBA										<input type="checkbox"/> EDF required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
CONTRACT LABORATORY: Sequoia - Morgan Hill		TURN-AROUND TIME: Standard												Container Info			
Sample I.D.	Lab I.D.	Collection		Matrix	Depth	Type/Vol.	Filter	Preserv.				Cont. Qty.	Remarks				
		Date	Time			40	40	40	N	N	HCl			HCl			
CMT3-21		9/20/05	8:35	Water		3	3					6					
CMT3-22			9:42			3	3					6					
CMT3-23			10:42			3	3					6					
CMT3-24			12:26			3	3					6					
CMT3-25			13:20			3	3					6					
CMT3-26			14:30			3	3					6					
CMT1-24			15:25			3	3					6					
Relinquished by: (signature) R. HARRISON		Received by: (signature) R. HARRISON		Date/Time: 9/21/05 11:55		SEND RESULTS TO: Attn: Joseph Cotton Golder Associates Inc. 2580 Wyandotte St., Suite G Mountain View, CA 94043 Phone (650) 386-3828 Fax (650) 386-3815											

white: lab copy yellow: project file



Golder Associates Inc. CHAIN OF CUSTODY

PROJECT AND PHASE NO.: 0537466		SITE NAME: B-N-C Gas Mini Mart		ANALYSES										<input type="checkbox"/> EDD required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
SAMPLER(S): R. HARRISON <small>(printed)</small>		R. HARRISON <small>(signature)</small>		TPA-CAN BTEX MTEE BY EPA 8160 TBA EPA 8160										<input type="checkbox"/> EDF required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
CONTRACT LABORATORY: Sequoia - Morgan Hill		TURN-AROUND TIME: Standard												Container Info			
Sample I.D.	Lab I.D.	Collection		Matrix	Depth	Type/Vol.	Filter	Preserv.				Cont. Qty.	Remarks				
		Date	Time			40	40	40	N	N	HCl			HCl			
CMT1-25		9/20/05	9:30	Water		3	3					6					
CMT1-26			10:55			3	3					6					
CMT4-21			12:40			3	3					6					
CMT4-23			13:15			3	3					6					
CMT4-24			13:50			3	3					6					
CMT4-25			14:35			3	3					6					
CMT4-26			15:30			3	3					6					
PIDOTRES			16:20			3	3					3					
Relinquished by: (signature) R. HARRISON		Received by: (signature) R. HARRISON		Date/Time: 10/13/05 9:50		SEND RESULTS TO: Attn: Joseph Cotton Golder Associates Inc. 2580 Wyandotte St., Suite G Mountain View, CA 94043 Phone (650) 386-3828 Fax (650) 386-3815											

white: lab copy yellow: project file



Golder Associates Inc.
CHAIN OF CUSTODY

PROJECT AND PHASE NO.: <u>053-7466 PHASE</u>		SITE NAME: <u>BMC GAS MINI MARKET</u>		ANALYSES				EDD required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
SAMPLER(S): <u>R. HARRISON</u> <small>(printed)</small>		<u>R. HARRISON</u> <small>(signature)</small>		ANALYSES TPA-GAS REEXAMINE BY EPA 8268 TBA Ethanol				EDF required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
CONTRACT LABORATORY: <u>Seymour - Morgan Hill</u>		Container Info						Date/Time: <u>9/20/05 1420</u>		SEND RESULTS TO: Attn: <u>JOSEPH COTTON</u> Golder Associates Inc. 2580 Wyandotte St., Suite G Mountain View, CA 94043 Phone (650) 386-3828 Fax (650) 386-3815	
TURN-AROUND TIME: <u>Standard</u>		Type/Vol. Filter Preserv.		Type/Vol. N/A N/A		Type/Vol. N/A N/A		Date/Time:			
Sample I.D.	Lab I.D.	Collection		Matrix	Depth	Filter	Preserv.	HCl	HCl	Cont. Qty.	Remarks
		Date	Time								
MW-1		9/15/05	1800	Water				3	3	6	
MW-2			1729					3	3	6	
MW-3			1626					3	3	6	
MW-4			1534					3	3	6	
MW-5			1440					3	3	6	
MW-7		9/16/05	1143					3	3	6	
MW-13			1103					3	3	6	
D-2			1035					3	3	6	
CMT1-27			1319					3	3	6	
CMT3-27			1459					3	3	6	
CMT4-27			1620					3	3	6	
Relinquished by: (signature) <u>R. HARRISON</u>		Received by: (signature) <u>[Signature]</u>		Date/Time: <u>9/20/05 1420</u>							
Relinquished by: (signature)		Received by: (signature)		Date/Time:							
Relinquished by: (signature)		Received by: (signature)		Date/Time:							

white: lab copy yellow: project file



Golder Associates Inc.
CHAIN OF CUSTODY

PROJECT AND PHASE NO.: <u>0537466</u>		SITE NAME: <u>BMC Gas Mini Mart</u>		ANALYSES				EDD required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
SAMPLER(S): <u>R. HARRISON</u> <small>(printed)</small>		<u>R. HARRISON</u> <small>(signature)</small>		ANALYSES TPA-GAS REEXAMINE BY EPA 8268 TBA				EDF required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
CONTRACT LABORATORY: <u>Seymour - Morgan Hill</u>		Container Info						Date/Time: <u>9/20/05 1420</u>		SEND RESULTS TO: Attn: <u>Joseph Cotton</u> Golder Associates Inc. 2580 Wyandotte St., Suite G Mountain View, CA 94043 Phone (650) 386-3828 Fax (650) 386-3815	
TURN-AROUND TIME: <u>Standard</u>		Type/Vol. Filter Preserv.		Type/Vol. N/A N/A		Type/Vol. N/A N/A		Date/Time:			
Sample I.D.	Lab I.D.	Collection		Matrix	Depth	Filter	Preserv.	HCl	HCl	Cont. Qty.	Remarks
		Date	Time								
CMT2-21		9/16/05	1030	Water				3	3	6	
CMT2-22			1128					3	3	6	
CMT2-23			1225					3	3	6	
CMT2-24			1325					3	3	6	
CMT2-25			1430					3	3	6	
CMT2-26			1520					3	3	6	
CMT2-27		9/19/05	1155					3	3	6	
CMT1-21			1243					3	3	6	
CMT1-22			1355					3	3	6	
CMT1-23			1452					3	3	6	
Relinquished by: (signature) <u>R. HARRISON</u>		Received by: (signature) <u>[Signature]</u>		Date/Time: <u>9/20/05 1420</u>							
Relinquished by: (signature)		Received by: (signature)		Date/Time:							
Relinquished by: (signature)		Received by: (signature)		Date/Time:							

white: lab copy yellow: project file

WATER SAMPLING AND ANALYSIS REQUEST

Project Name: B & C Gas Mini Mart, Livermore
 Project Authorization: J Cotton
 Project No.: 053-7466
 Task: _____
 Results To: J Cotton

Scheduled Date(s): September 15, 16, 19, 20, 29, & 30, 2005.

Special Instructions/Considerations:
 3rd quarter groundwater sampling event.
 Complete water level/floating product survey prior to sampling.
 2 casing volume purge for all CMT wells.
 Discharge purge water to sanitary sewer: see email and discharge permit.
 Collect grab samples from CMT1-Z1, CMT3-Z1 and hold. Submit grab samples if wells dry during purge and do not recover.
 Use dedicated tubing for purging and sampling.
 Use tubing lengths that insure that intakes are in ported intervals.
 Check with Colleen Winey (Zone 7) a few days prior to sample collection. She wants to collect split sampls and analyze for PCE. Phone: (925) 454-5063.

Keys/Combs: 0909

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

NO SAMPLES REQ'D

Well or Source	Casing Diameter (inches)	Casing Length (feet)	Depth To Water (feet)	ANALYSES REQUESTED
			(6/13/05)	For All Points: TPH gas BTEX by EPA 8260 MTBE by EPA 8260
CMT1-Z1	CMT	45.8	32.8	Field Measurements= Temp pH EC Turbidity DO ORP
CMT1-Z2	CMT	60.8	34.33	
CMT1-Z3	CMT	68.6	34.36	
CMT1-Z4	CMT	90.7	34.41	
CMT1-Z5	CMT	105.7	34.45	
CMT1-Z6	CMT	122.0	34.56	
CMT1-Z7	CMT	143.0	37.02	
CMT2-Z1	CMT	48.9	31.38	*Field Measurements
CMT2-Z2	CMT	59.2	34.10	
CMT2-Z3	CMT	67.9	34.14	
CMT2-Z4	CMT	88.0	34.60	
CMT2-Z5	CMT	106.0	34.61	
CMT2-Z6	CMT	124.0	34.84	
CMT2-Z7	CMT	143.3	35.13	
CMT3-Z1	CMT	43.6	32.00	*Field Measurements
CMT3-Z2	CMT	54.7	32.18	
CMT3-Z3	CMT	64.7	33.83	
CMT3-Z4	CMT	88.0	36.79	
CMT3-Z5	CMT	108.1	37.13	
CMT3-Z6	CMT	132.2	37.09	
CMT3-Z7	CMT	155.0	37.15	
CMT4-Z1	CMT	25.4	25.17	*Field Measurements
CMT4-Z2	CMT	37.7	25.81	
CMT4-Z3	CMT	51.7	25.50	
CMT4-Z4	CMT	61.7	25.59	
CMT4-Z5	CMT	71.8	25.63	
CMT4-Z6	CMT	106.7	30.85	
CMT4-Z7	CMT	121.8	32.14	

completed 9/13/05 RH/am

Laboratory and Laboratory QC Instructions:
 Sequoia Analytical - Morgan Hill, project manager: Theresa Allen: 408 782 8159
 Provide EDF.
 Add the LOCID (well ID) to the EDF sent to the State.

WATER SAMPLING AND ANALYSIS REQUEST

Project Name: B & C Gas Mini Mart, Livermore
 Project Authorization: J Cotton
 Project No.: 053-7466
 Task: _____
 Results To: J Cotton

Scheduled Date(s): September 15, 16, 19, 20, 29, & 30, 2005.

Special Instructions/Considerations:
 3rd quarter groundwater sampling event.
 Complete water level/floating product survey prior to sampling.
 1 casing volume purge for all conventional wells.
 Discharge purge water to sanitary sewer: see email and discharge permit.
 Need traffic control for MW-5, and sidewalk control for D-1 and D-2.
 MW-5: has contained floating product recently; if present, do not sample.
 Replace product recovery sack in MW-5 if product present.
 MS MW01 is located in Mills Springs Park Apartments.
 If product appears during purge, discontinue purging and note on field sheet.
 Install soak-case cage/sock in MS MW01 if measurable product present.

Keys/Combs: 0909

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

Well or Source	Casing Diameter (inches)	Casing Length (feet)	Depth To Water (feet)	ANALYSES REQUESTED
			(6/13/05)	For All Points: TPH gas BTEX by EPA 8260 MTBE by EPA 8260
MW-1 ✓	2.0	74.7	25.89	*Field Measurements Field Measurements= Temp pH EC Turbidity DO ORP
MW-2 ✓	4.0	56.0	26.01	
MW-3 ✓	4.0	57.7	25.64	
MW-4 ✓	4.0	59.9	26.14	
MW-5 ✓	4.0	39.6	25.89	
MW-7 ✓	2.0	49.1	26.73	
MW-13 ✓	2.0	104.2	28.25	
D-2 ✓	2.0	110.4	25.25	

Completed 9/13/05 c. mini

Laboratory and Laboratory QC Instructions:
 Sequoia Analytical - Morgan Hill, project manager: Theresa Allen: 408 782 8159
 Provide EDF.
 Add the LOCID (well ID) to the EDF sent to the State.



WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART SAMPLE ID: MW-1
 PROJECT NO: 053-7466 SAMPLED BY: C. Min
 CLIENT: B-N-C GAS MINI MART 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) (2.5)

Well Total Depth (ft): 74.7 Volume in Casing (gal): 7.4
 Depth to Water (ft): 31.20 Calculated Purge (volumes / gal.): 7.4
 Height of Water Column (ft): 43.42 Actual Pre-Sampling Purge (gal): 7.5

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 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
1747	2.5	20.4	1040	7.37	U. BROWN	LOW	LIGHT SLIGHT	STRONG ODORE
1752	5.0	20.1	1030	7.34	↓	↓	↓	↓
1756	7.5	20.0	1030	7.34	↓	↓	↓	↓

Purge Date: 9/15/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor 71
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1800	20.1	1030	7.35	7.15	U. BROWN	112	ORP (mv) -69

Sheen: NONE Odor: STRONG Sample Date: 9/15/05

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

SIGNATURE: [Signature] DATE: 9/15/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART SAMPLE ID: MW-2
 PROJECT NO: 053-7466 SAMPLED BY: C. Min
 CLIENT: B-N-C GAS MINI MART 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) (2.5)

Well Total Depth (ft): 56.1 Volume in Casing (gal): 16.3
 Depth to Water (ft): 31.53 Calculated Purge (volumes / gal.): 16.3
 Height of Water Column (ft): 24.57 Actual Pre-Sampling Purge (gal): 16.5

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump SZ 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
1502	5.5	21.5	1010	7.30	ORANGE	TRACE	STRONG ODORE	
1712	11.0	22.5	1010	7.23	↓	↓	↓	
1720	16.5	21.1	1010	7.30	↓	↓	↓	

Purge Date: 9/15/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor 53
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1729	21.6	1010	7.27	6.50	ORANGE	13	ORP (mv) -77

Sheen: NONE Odor: STRONG Sample Date: 9/15/05

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

SIGNATURE: [Signature] DATE: 9/15/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MARKET SAMPLE ID: MW-3
PROJECT NO: 053-7466 SAMPLED BY: C. Minn
CLIENT: B-N-C GAS MINI MARKET 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): 57.6 Volume in Casing (gal): 17.9
Depth to Water (ft): 20.62 Calculated Purge (volumes / gal.): 17.9
Height of Water Column (ft): 26.98 Actual Pre-Sampling Purge (gal): 18.0

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

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Data rows include 1606, 1615, 1622.

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

Table with 7 columns: Time (2400 Hr), Temp (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), Other (mv). Data row includes 1626.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: [Signature] DATE: 9/15/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MARKET SAMPLE ID: MW-4
PROJECT NO: 053-7466 SAMPLED BY: C. Minn
CLIENT: B-N-C GAS MINI MARKET 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): 59.9 Volume in Casing (gal): 19.0
Depth to Water (ft): 31.22 Calculated Purge (volumes / gal.): 19.0
Height of Water Column (ft): 28.68 Actual Pre-Sampling Purge (gal): 19.0

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

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Data rows include 1513, 1521, 1528.

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

Table with 7 columns: Time (2400 Hr), Temp (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), Other (mv). Data row includes 1534.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: [Signature] DATE: 9/15/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: MW-5
PROJECT NO: 053-7466 SAMPLED BY: C. Minn
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): 29.6 Volume in Casing (gal): 5.6
Depth to Water (ft): 21.15 Calculated Purge (volumes / gal.): 5.6
Height of Water Column (ft): 8.45 Actual Pre-Sampling Purge (gal): 6.0
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

Table with 9 columns: Time (2400 Hr), Volume (gallons), Temp. (°C), Elec. Conductivity (µmhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Rows include data for 1429, 1431, and 1434 hours.

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer 26'
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other

Table with 7 columns: Time (2400 Hr), Temp. (°C), Electrical Conductivity (µmhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU). Row includes data for 1440 hours.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 1 CANAL VOLUME PURGE.
CALIBRATION on 9/15/05 at 1357 DO: 9.03, PH: 7.01, 10.03, TEMP: 23.2, COND: 0.2060, TURB: 0.0
SIGNATURE: Charles Minn DATE: 9/15/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: MW-7
PROJECT NO: 053-7466 SAMPLED BY: C. Minn
CLIENT: B-N-C Gas Mini Mart REGULATORY AGENCY: ACEHS
SAMPLE TYPE: Groundwater X Surface Water Leachate Treatment System Other
CASING DIAMETER (OD-inches): 3/4 1 2 X 4 4.5 6 8 Other
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)

Well Total Depth (ft): 49.1 Volume in Casing (gal): 3.0
Depth to Water (ft): 31.98 Calculated Purge (volumes / gal.): 3.0
Height of Water Column (ft): 17.52 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

Table with 9 columns: Time (2400 Hr), Volume (gallons), Temp. (°C), Elec. Conductivity (µmhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Rows include data for 1132, 1135, and 1138 hours.

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

Table with 7 columns: Time (2400 Hr), Temp. (°C), Electrical Conductivity (µmhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU). Row includes data for 1143 hours.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 1 CANAL VOLUME PURGE.
SIGNATURE: Charles Minn DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART SAMPLE ID: MW-13
PROJECT NO: 053-7466 SAMPLED BY: C. Minn
CLIENT: B-P-C GAS MINI MART REGULATORY AGENCY: AGENS
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) (0.56) (0.83) (1.5) (2.6)
Well Total Depth (ft): 53.9 Volume in Casing (gal): 3.5
Depth to Water (ft): 33.60 Calculated Purge (volumes / gal.): 3.5
Height of Water Column (ft): 20.30 Actual Pre-Sampling Purge (gal): 3.5

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

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp. (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Rows include data for 1053, 1056, and 1059.

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

Table with 8 columns: Time (2400 Hr), Temp. (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), Other (MVP (AV)). Rows include data for 1103.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Cheryl Minn DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C GAS MINI MART SAMPLE ID: D-2
PROJECT NO: 053-7466 SAMPLED BY: C. Minn
CLIENT: B-N-C GAS MINI MART REGULATORY AGENCY: AGENS
SAMPLE TYPE: Groundwater X Surface Water Leachate Treatment System Other
CASING DIAMETER (OD-inches): 3/4 1 2 X 4 4.5 6 8 Other
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
Well Total Depth (ft): 110.5 Volume in Casing (gal): 13.8
Depth to Water (ft): 29.65 Calculated Purge (volumes / gal.): 13.8
Height of Water Column (ft): 80.85 Actual Pre-Sampling Purge (gal): 14.0

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

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp. (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Rows include data for 1008, 1020, and 1026.

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer 107
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other

Table with 8 columns: Time (2400 Hr), Temp. (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), Other (MVP (AV)). Rows include data for 1035.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 1 CASING VOLUME PURGE.

SIGNATURE: Cheryl Minn DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: BNC Gas Mini Mart PROJECT NO: 0537466 CLIENT: BNC Gas Mini Mart SAMPLE ID: PW093005 SAMPLED BY: RHARRISON REGULATORY AGENCY: ACEHS

CASING DIAMETER (OD-inches): 3/4 1 2 4 4.5 6 8 Other DINGS GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.33) (1.5) (2.6)

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

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp. (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Includes Purge Date field.

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

Table with 7 columns: Time (2400 Hr), Temp. (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU). Includes Sheen, Odor, and Sample Date fields.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit REMARKS: Collected grab sample, discrete samples of groundwater...



WATER SAMPLE FIELD DATA

LOCATION: BNC Gas Mini Mart PROJECT NO: 0537466 CLIENT: BNC Gas Mini Mart SAMPLE ID: CMT1-2.1 SAMPLED BY: R. HARRISON REGULATORY AGENCY: ACEHS

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) (0.33) (1.5) (2.6)

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

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp. (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Includes Purge Date field.

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

Table with 7 columns: Time (2400 Hr), Temp. (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU). Includes Sheen, Odor, and Sample Date fields.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit REMARKS: 40ml/Hr 2 casing volume purge grab sample collected at start rls...



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT1-72
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B-N-C Gas Mini Mart 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 CMT
 GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
 Well Total Depth (ft): RA 45.0 60.8 Volume in Casing (gal): 839
 Depth to Water (ft): 39.83 Calculated Purge (volumes 1): 1678
 Height of Water Column (ft): 20.97 Actual Pre-Sampling Purge (gal): 1680

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump 59' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/2" HDPE Other insert lift
 Purge Water Containment: Drummed 0.59' 1.17'
 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
1335	840	23.6	826	7.73	gray	high		
1338	1260	25.0	833	7.62	gray/brown	↓		
1350	1680	24.1	828	7.62	↓	↓		

Purge Date: 9/19/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump 59' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/2" HDPE Other insert lift
0.59' insert lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	ORP (mV)
1355	22.4	815	7.50	7.24	H-brown	278	-120

Seen: none Odor: slight Sample Date: 9/19/05

Field Measurement Devices: Horiba HH Omega QuickCheck D.O. Test Kit
 REMARKS: 40ml/ft. 2 casing volume purge
EC measured by OAKTON meter

SIGNATURE: R. Harrison DATE: 9/19/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT1-73
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B-N-C Gas Mini Mart 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 CMT
 GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
 Well Total Depth (ft): 68.6 Volume in Casing (gal): 444.28 1150
 Depth to Water (ft): 39.86 Calculated Purge (volumes 1): 2299
 Height of Water Column (ft): 28.74 Actual Pre-Sampling Purge (gal): 2300

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump 67' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/2" HDPE Other insert lift
 Purge Water Containment: Drummed 0.67' 1.17'
 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	1150	23.0	742	7.78	brown	high		
1446	1730	23.2	755	7.63	↓	↓		
1449	2300	22.4	754	7.61	↓	↓		

Purge Date: 9/19/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump 67' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/2" HDPE Other insert lift
0.67' insert lift

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	ORP (mV)
1452	21.9	757	7.52	8.10	brown	944	-82

Seen: none Odor: slight Sample Date: 9/19/05

Field Measurement Devices: Horiba HH Omega QuickCheck D.O. Test Kit
 REMARKS: 40ml/ft. 2 casing volume purge
EC measured by OAKTON meter

SIGNATURE: R. Harrison DATE: 9/19/05



WATER SAMPLE FIELD DATA

LOCATION: B.N.C. Gas Mini Mart SAMPLE ID: CMT1-24
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B.N.C. Gas Mini Mart 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 CMT
 GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
 Well Total Depth (ft): 90.7 Volume in Casing (gal): 2056
 Depth to Water (ft): 39.3 Calculated Purge (volumes / day): 4112
 Height of Water Column (ft): 51.4 Actual Pre-Sampling Purge (gal): 4120

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 89 Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/2" HDPE Other inertial
 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
1513	2060	21.7	800	7.65	H. brown ^{tht}	low		
1517	3090	21.7	797	7.64				
1521	4120	21.5	799	7.60				

Purge Date: 9/20/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 89 Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/2" HDPE Other inertial
2.0" 1.5"

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1525	21.5	804	7.56	0.55	H. brown	115	CRP -49

Sheen: none Odor: slight Sample Date: 9/20/05

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
 REMARKS: 40ml/ft 2 casing volume purge
EC measured by OAKTON meter

SIGNATURE: Ry DATE: 9/20/05



WATER SAMPLE FIELD DATA

LOCATION: B.N.C. Gas Mini Mart SAMPLE ID: CMT1-25
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B.N.C. Gas Mini Mart 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 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): 2682
 Depth to Water (ft): 38.66 Calculated Purge (volumes / day): 5363
 Height of Water Column (ft): 67.04 Actual Pre-Sampling Purge (gal): 5370

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/2" HDPE Other inertial
 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
917	2690	19.8	1010	7.80	H. brown	moderate		
923	4030	19.8	1010	7.67				
927	5370	19.8	1010	7.65				

Purge Date: 9/30/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/2" HDPE Other inertial
2.0" 1.5"

Time (2400 Hr)	Temp. (°C)	Electical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
930	20.2	980	7.64	9.02	H. brown	265	CRP 16

Sheen: none Odor: none Sample Date: 9/30/05

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
 REMARKS: 40ml/ft 2 casing volume purge

H4 calibrated 9/30/05 @ 20.5: pH=7.03 10.07; EC=0.2060; Turb=0; DO=Auto; T=18 °C
 SIGNATURE: Ry DATE: 9/30/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT1-26
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: R-N-C Gas Mini Mart 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 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 Volume in Casing (gal): 3326
 Depth to Water (ft): 38.86 Calculated Purge (volumes): 6651
 Height of Water Column (ft): 83.14 Actual Pre-Sampling Purge (gal): 6660

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other None
 Purge Water Containment: Drained
 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
1039	3330	20.6	960	7.73	H. brown	High		
1045	4990	20.3	1000	7.74	↓	↓		
1054	6660	20.5	1020	7.74	↓	↓		

Purge Date: 9/30/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other None

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	ORP Other
1055	20.7	1030	7.66	8.91	H. brown	825	84

Seen: none Odor: none Sample Date: 9/30/05

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

REMARKS: 40ml/ft 2 casing volume purge
fiberglass check valve got stuck, replaced

SIGNATURE: [Signature] DATE: 9/30/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT1-27
 PROJECT NO: 0537466 SAMPLED BY: C. [unclear]
 CLIENT: B-N-C Gas Mini Mart 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 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): 4044
 Depth to Water (ft): 41.91 Calculated Purge (volumes): 8088
 Height of Water Column (ft): 101.09 Actual Pre-Sampling Purge (gal): 8102

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other None
 Purge Water Containment: Drained
 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
1241	4050	23.0	960	7.86	L. brown	High		
1257	6075	22.5	960	7.84	↓	↓		
1315	8100	22.3	970	7.82	↓	↓		

Purge Date: 9/16/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other None

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	ORP Other
1319	23.1	920	7.90	8.66	L. brown	246	100

Seen: None Odor: None Sample Date: 9/16/05

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

REMARKS: 40ml/ft 2 casing volume purge

SIGNATURE: [Signature] DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: BNC Gas Mini Mart SAMPLE ID: CMT2-21
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B.N.C Gas Mini Mart REGULATORY AGENCY: ACEHS
 SAMPLE TYPE: Groundwater X Surface Water _____ Leachate _____ Treatment System _____ Other _____
 CASING DIAMETER (OD-inches): 3/4 1 2 4 4.5 6 8 Other CMT
 GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
 Well Total Depth (ft): 48.9 Volume in Casing (gal): 438
 Depth to Water (ft): 37.95 Calculated Purge (volumes / gal): 876
 Height of Water Column (ft): 10.95 Actual Pre-Sampling Purge (gal): 880

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor _____ Teflon Bailor _____ PVC Bailor _____ Disp. Bailor _____
 PVC Hand Pump _____ Peristaltic Pump 48' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated 1/2" LDPE Other inertial
 Purge Water Containment: Damaged @ 48' 1ft
 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
1017	440	20.7	980	7.22	brown	high		
1021	660	21.2	950	7.35	↓	↓		
1024	880	20.6	960	7.33	↓	↓		

Purge Date: 9/16/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor _____ Teflon Bailor _____ PVC Bailor _____ Disp. Bailor _____
 PVC Hand Pump _____ Peristaltic Pump 48' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated 1/2" LDPE Other inertial
 Purge Water Containment: Damaged @ 48' 1ft

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	*ORP Other
1030	20.7	970	7.02	3.55	brown	299	30

Sheen: none Odor: none Sample Date: 9/16/05

Field Measurement Devices: Horiba H3 Omega _____ QuickCheck _____ D.O. Test Kit _____
 REMARKS: 40 ml / ft. 2 casing volume purge
*ORP measured w/ H4

H3 calibrated 9/16/05 @ 9:10: pH=7.03, 10.07; EC=0.2060; Turb=0; DO=Auto; T=18°C
 SIGNATURE: Ry DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: B.N.C Gas Mini Mart SAMPLE ID: CMT2-22
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 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): 59.2 Volume in Casing (gal): 774
 Depth to Water (ft): 39.25 Calculated Purge (volumes / gal): 1548
 Height of Water Column (ft): 19.35 Actual Pre-Sampling Purge (gal): 1550

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor _____ Teflon Bailor _____ PVC Bailor _____ Disp. Bailor _____
 PVC Hand Pump _____ Peristaltic Pump X Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated 1/2" LDPE Other inertial
 Purge Water Containment: Damaged @ 58' 1ft
 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
1118	775	21.9	990	7.47	lt. brown	Moderate		strong odor
1121	1165	21.5	1020	7.41	↓	↓		↓
1124	1550	21.3	1020	7.41	↓	↓		↓

Purge Date: 9/16/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor _____ Teflon Bailor _____ PVC Bailor _____ Disp. Bailor _____
 PVC Hand Pump _____ Peristaltic Pump 58' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated 1/2" LDPE Other inertial
 Purge Water Containment: Damaged @ 58' 1ft

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	*ORP Other
1128	21.5	1020	7.38	3.13	lt. brown	156	-24

Sheen: none Odor: slight Sample Date: 9/16/05

Field Measurement Devices: Horiba H3 Omega _____ QuickCheck _____ D.O. Test Kit _____
 REMARKS: 40 ml / ft. 2 casing volume purge
*ORP measured w/ H4

SIGNATURE: Ry DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT2-23
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 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): 67.9 Volume in Casing (gal): 1120
 Depth to Water (ft): 39.9 Calculated Purge (volumes / gal): 2240
 Height of Water Column (ft): 28 Actual Pre-Sampling Purge (gal): 2240

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 67' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 4" LDPE Other inertial
 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
1212	1120	21.7	990	7.50	H.brown	high		slight odor
1216	1680	21.4	1000	7.26	↓	↓		
1220	2240	21.2	1010	7.20	↓	↓		

Purge Date: 9/16/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 67' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 4" LDPE Other inertial
67' inertial

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	*ORP Other
1225	22.1	1010	7.26	3.54	H.brown	633	71

Sheen: none Odor: none Sample Date: 9/16/05

Field Measurement Devices: Horiba H3 Omega QuickCheck D.O. Test Kit
 REMARKS: 40 ml / ft. 2 casing volume purge
*ORP measured w/ H4

SIGNATURE: Ryan D. DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT2-24
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 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): 1935
 Depth to Water (ft): 39.63 Calculated Purge (volumes / gal): 3870
 Height of Water Column (ft): 48.37 Actual Pre-Sampling Purge (gal): 3880

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 67' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 4" LDPE Other inertial
 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
1315	1940	21.9	1000	7.49	H.brown	high		
1317	2910	21.4	1016	7.41	↓	↓		
1321	3880	21.3	1010	7.42	↓	↓		

Purge Date: 9/16/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 67' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 4" LDPE Other inertial
67' inertial

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	*ORP Other
1325	23.0	1020	7.51	4.87	H.brown	506	78

Sheen: none Odor: none Sample Date: 9/16/05

Field Measurement Devices: Horiba H3 Omega QuickCheck D.O. Test Kit
 REMARKS: 40 ml / ft. 2 casing volume purge
*ORP measured by H4

SIGNATURE: Ryan H. DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT2-25
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 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) (1.3) (2.6)

Well Total Depth (ft): 106.0 Volume in Casing (gal): 2656
 Depth to Water (ft): 39.60 Calculated Purge (volumes (gal)): 5312
 Height of Water Column (ft): 66.4 Actual Pre-Sampling Purge (gal): 5320

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor _____ Teflon Bailor _____ PVC Bailor _____ Disp. Bailor _____
 PVC Hand Pump _____ Peristaltic Pump 105' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated LDPE Other inertial
 Purge Water Containment: Downed
 Field QC Samples Collected at this Well (Equipment or Field Blank): EB _____ FB _____ Other _____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (umhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1412	2660	22.0	990	7.47	H.brown	high		
1420	3990	21.8	990	7.44	↓	moderate		
1426	5320	21.4	990	7.39	↓	High		

Purge Date: 9/16/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor _____ Teflon Bailor _____ PVC Bailor _____ Disp. Bailor _____
 PVC Hand Pump _____ Peristaltic Pump 105' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated LDPE Other inertial
 Purge Water Containment: Downed
 Field QC Samples Collected at this Well (Equipment or Field Blank): EB _____ FB _____ Other _____

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (umhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	*ORP (Other)
1430	22.6	990	7.43	5.54	H.brown	2999	83

Sheen: none Odor: none Sample Date: 9/16/05

Field Measurement Devices: Horiba H3 Omega _____ QuickCheck _____ D.O. Test Kit _____
 REMARKS: 40ml/ft. 2 casing volume purge
*ORP measured by H4

SIGNATURE: Ryan A. DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT2-26
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 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): 3369
 Depth to Water (ft): 39.77 Calculated Purge (volumes (gal)): 6738
 Height of Water Column (ft): 84.23 Actual Pre-Sampling Purge (gal): 6740

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor _____ Teflon Bailor _____ PVC Bailor _____ Disp. Bailor _____
 PVC Hand Pump _____ Peristaltic Pump 123' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated LDPE Other inertial
 Purge Water Containment: Downed
 Field QC Samples Collected at this Well (Equipment or Field Blank): EB _____ FB _____ Other _____

Time (2400 Hr)	Volume (gallons)	Temp. (°C)	Elec. Conductivity (umhos/cm)	pH (std. units)	Color (visual)	Turbidity (visual)	Other	Observation
1506	3370	21.0	950	7.56	brown	high		
1511	5060	20.9	960	7.37	↓	↓		
1516	6740	20.5	960	7.34	↓	↓		

Purge Date: 9/16/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor _____ Teflon Bailor _____ PVC Bailor _____ Disp. Bailor _____
 PVC Hand Pump _____ Peristaltic Pump 123' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated LDPE Other inertial
 Purge Water Containment: Downed
 Field QC Samples Collected at this Well (Equipment or Field Blank): EB _____ FB _____ Other _____

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (umhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	*ORP (Other)
1520	21.3	960	7.36	5.45	brown	2999	83

Sheen: none Odor: none Sample Date: 9/16/05

Field Measurement Devices: Horiba H3 Omega _____ QuickCheck _____ D.O. Test Kit _____
 REMARKS: 40ml/ft. 2 casing volume purge
*ORP measured by H4 RH
ORP was not measured

SIGNATURE: Ryan A. DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: BN-C Gas Mini Mart SAMPLE ID: CMT2-27
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B-N-C Gas Mini Mart 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 CMT
 GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
 Well Total Depth (ft): 143.3 Volume in Casing (gal): 4149
 Depth to Water (ft): 39.58 Calculated Purge (volumes/gal): 8298
 Height of Water Column (ft): 103.72 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 142' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 4" HPE 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
1132	1150	20.2	713	7.85	H-gray	low		
	5540			7.75				
1142	6225	20.3	714	7.72				
1149	8300	20.3	715	7.71				

Purge Date: 9/19/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 142' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 4" HPE Other inertial lift

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	ORP	Other
1155	22.0	714	7.68	8.52	H-gray	18	38	

Sheen: none Odor: none Sample Date: 9/19/05

Field Measurement Devices: Horiba H3 Omega QuickCheck D.O. Test Kit
 REMARKS: 40ml/ft. 2 casing volume purge
EC measured by OAKTON meter

SIGNATURE: R. Harrison DATE: 9/19/05



WATER SAMPLE FIELD DATA

LOCATION: BNC Gas Mini Mart SAMPLE ID: CMT3-21
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B-N-C Gas Mini Mart 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 CMT
 GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
 Well Total Depth (ft): 43.6 Volume in Casing (gal): 216
 Depth to Water (ft): 38.19 Calculated Purge (volumes/gal): 433
 Height of Water Column (ft): 5.41 Actual Pre-Sampling Purge (gal): 400

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 42' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other 4" SEP 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
950	320	24.4	1140	7.50	colorless	low		grab sample
1001	400	24.6	1190	7.50				well dry

Purge Date: 9/19/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
 PVC Hand Pump Peristaltic Pump 42' Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 4" SEP Other inertial lift

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

Sheen: none Odor: none Sample Date: 9/20/05

Field Measurement Devices: Horiba H3 Omega QuickCheck D.O. Test Kit
 REMARKS: 40ml/ft. 2 casing volume purge & collected grab sample @ start of
purge, more well dry, allowed to recharge. DTW 9/20/05 @ 815 = 3867'
collected sample @ 835 6x 40ml VDA/HCl, well dry @ 849, insufficient
volume for field measurements
H3 calibrated 9/19/05 @ 845; pH = 7.42; EC = 2020; Turb = 0; DO = Auto; Temp = 20 °C

SIGNATURE: R. Harrison DATE: 9/19/05



WATER SAMPLE FIELD DATA

LOCATION: BNC Gas Mini Mart PROJECT NO: 0537466 CLIENT: B-N-C Gas Mini Mart SAMPLE ID: CMT3-22 SAMPLED BY: R.HARRISON REGULATORY AGENCY: ACEHS

PURGE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer PVC Hand Pump Peristaltic Pump 54' Centrifugal Pump Bladder Pump

Table with 9 columns: Time (2400 Hr), Volume (gallons), Temp. (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Includes data for 930, 935, 937 and Purge Date: 9/20/05

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer PVC Hand Pump Peristaltic Pump 54' Centrifugal Pump Bladder Pump

Table with 8 columns: Time (2400 Hr), Temp. (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), ORP Other. Includes data for 942 and Sample Date: 9/20/05

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

HH calibrated 9/20/05 @ 7455ppH = 7.02, 10.02, EC = 0.2060, Turb = 0, DO = Auto, T = 20.0



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart PROJECT NO: 0537466 CLIENT: B-N-C Gas Mini Mart SAMPLE ID: CMT3-23 SAMPLED BY: R.HARRISON REGULATORY AGENCY: ACEHS

PURGE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer PVC Hand Pump Peristaltic Pump 64' Centrifugal Pump Bladder Pump

Table with 9 columns: Time (2400 Hr), Volume (gallons), Temp. (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Includes data for 1006, 1034, 1040 and Purge Date: 9/20/05

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer PVC Hand Pump Peristaltic Pump 64' Centrifugal Pump Bladder Pump

Table with 8 columns: Time (2400 Hr), Temp. (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), ORP Other. Includes data for 1042 and Sample Date: 9/20/05

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

* Replaced check valve on tubing due to constant sticking

SIGNATURE: Ryn H DATE: 9/20/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart
PROJECT NO: 0537466
CLIENT: B-N-C Gas Mini Mart
SAMPLE TYPE: Groundwater X Surface Water
CASING DIAMETER (OD-inches): 3/4 1 2 4 4.5 6 8 Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
Well Total Depth (ft): 88.0
Depth to Water (ft): 41.53
Height of Water Column (ft): 46.47

PURGE: Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
PVC Hand Pump Peristaltic Pump 87 Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4 LDPE Other inertial
Purge Water Containment: Drummed
Field QC Samples Collected at this Well (Equipment or Field Blank): EB FB Other

Table with columns: Time (2400 Hr), Volume (gallons), Temp. (°C), Elec. Conductivity (µmhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Rows include data for times 1204, 1220, 1223.

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
PVC Hand Pump Peristaltic Pump 87 Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4 LDPE Other inertial

Table with columns: Time (2400 Hr), Temp. (°C), Electrical Conductivity (µmhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), ORP Other. Row for time 1226.

Field Measurement Devices: Horiba HH Omega QuickCheck D.O. Test Kit
REMARKS: 40ml/AH casing volume purge
SIGNATURE: DATE: 9/20/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart
PROJECT NO: 0537466
CLIENT: B-N-C Gas Mini Mart
SAMPLE TYPE: Groundwater X Surface Water
CASING DIAMETER (OD-inches): 3/4 1 2 4 4.5 6 8 Other CMT
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
Well Total Depth (ft): 108.1
Depth to Water (ft): 41.79
Height of Water Column (ft): 66.31

PURGE: Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
PVC Hand Pump Peristaltic Pump 107 Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4 LDPE Other inertial

Table with columns: Time (2400 Hr), Volume (gallons), Temp. (°C), Elec. Conductivity (µmhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Rows include data for times 1306, 1312, 1316.

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
PVC Hand Pump Peristaltic Pump 107 Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4 LDPE Other inertial

Table with columns: Time (2400 Hr), Temp. (°C), Electrical Conductivity (µmhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), ORP Other. Row for time 1320.

Field Measurement Devices: Horiba HH Omega QuickCheck D.O. Test Kit
REMARKS: 40ml/AH .2 casing volume purge
SIGNATURE: DATE: 9/20/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT3-26
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 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): 132.2 Volume in Casing (gal): 3644
 Depth to Water (ft): 41.8 Calculated Purge (volumes): 7288
 Height of Water Column (ft): 91.1 Actual Pre-Sampling Purge (gal): 7300

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailer _____ Teflon Bailer _____ PVC Bailer _____ Disp. Bailer _____
 PVC Hand Pump _____ Peristaltic Pump 131' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated LDPE Other metal
 Purge Water Containment: Drummed 131' Other lift
 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
1416	3650	21.5	780	7.85	H. brown	Wgh		replaced valve
1421	5460	21.3	779	7.72	↓	↓		
1426	7300	21.0	781	7.75	↓	↓		

Purge Date: 9/20/05

SAMPLE: 131'
 Device (Depth of Intake from TOC): S.S. Bailer _____ Teflon Bailer _____ PVC Bailer _____ Disp. Bailer _____
 PVC Hand Pump _____ Peristaltic Pump 131' Centrifugal Pump _____ Bladder Pump _____
 Pneumatic Displacement Pump _____ Electric Submersible Pump _____ Dedicated LDPE Other inertial lift

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1430	22.2	781	7.65	8.35	H. brown	7999	65

Sheen: none Odor: none Sample Date: 9/20/05

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

REMARKS: 40ml/ft. 2 casing volume purge
0 EC measured by OAKTON meter

SIGNATURE: R. Harrison DATE: 9/20/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT3-27
 PROJECT NO: 053-7466 SAMPLED BY: C. mini
 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): 4513
 Depth to Water (ft): 42.18 Calculated Purge (volumes): 9027
 Height of Water Column (ft): 112.82 Actual Pre-Sampling Purge (gal): 9050

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 INERTIAL LIFT
 Purge Water Containment: Drummed Other lift
 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
1427	4550	22.7	940	8.00	0.00 (W)	HIGH		
1443	6825	22.4	930	7.98	↓	↓		
1454	9050	22.4	930	7.99	↓	↓		

Purge Date: 9/16/05

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

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other
1454	23.1	910	7.98	9.28	0.00 (W)	386	32

Sheen: NONE Odor: SLIGHT Sample Date: 9/16/05

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

REMARKS: 40ml/ft. 2 casing volume purge

SIGNATURE: Chances mini DATE: 9/16/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT4-Z1
PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
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): 25.7 Volume in Casing (gal):
Depth to Water (ft): 25.7 Calculated Purge (volumes / gal):
Height of Water Column (ft): 0.0 Actual Pre-Sampling Purge (gal):

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

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp. (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Data is mostly blank with a diagonal line through it.

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

Table with 8 columns: Time (2400 Hr), Temp. (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), Other. Data is mostly blank with a diagonal line through it.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: Well Dry, no samples collected

SIGNATURE: R. H. DATE: 9/30/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT4-Z2
PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
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): 273
Depth to Water (ft): 30.88 Calculated Purge (volumes / gal): 546
Height of Water Column (ft): 6.82 Actual Pre-Sampling Purge (gal): 550

PURGE: Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4 LDFE Other inertial lift
Purge Water Containment: Drilled
Field QC Samples Collected at this Well (Equipment or Field Blank): EB- FB- Other

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp. (C), Elec. Conductivity (umhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Data includes rows for 1230, 1234, 1237 with values like 275, 26.5, 1430, 7.30, Hazy, low, slight odor.

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4 LDFE Other inertial lift

Table with 8 columns: Time (2400 Hr), Temp. (C), Electrical Conductivity (umhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), Other. Data includes row for 1240 with values like 40 ml/H, 2 casing volume purge, well dry.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 40 ml/H 2 casing volume purge insufficient volume for field parameters, collected 6X 40 ml H2O per run

SIGNATURE: R. H. DATE: 9/30/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT4-Z3
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B-N-C Gas Mini Mart 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 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): 844
 Depth to Water (ft): 30.59 Calculated Purge (volumes/gal): 1689
 Height of Water Column (ft): 21.11 Actual Pre-Sampling Purge (gal): 1700

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4" LDPE Other inertial
 Purge Water Containment: Drummed 0.51' 1-ft
 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
1306	850	24.0	1090	7.94	H. grey	moderate	slight odor	
1309	1270	24.7	1030	7.75	H. grey	↓	↓	
1312	1700	23.5	1030	7.73	H. brown	↓	↓	

Purge Date: 9/30/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4" LDPE Other inertial
0.51' 1-ft

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	ORP
1315	24.0	1040	7.55	7.57	H. brown	190	-78

Sheen: none Odor: faint Sample Date: 9/30/05

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
 REMARKS: 40 ml/ft 2 casing volume purge

SIGNATURE: R. Harrison DATE: 9/30/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT4-Z4
 PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
 CLIENT: B-N-C Gas Mini Mart 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 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): 1242
 Depth to Water (ft): 30.66 Calculated Purge (volumes/gal): 2483
 Height of Water Column (ft): 31.04 Actual Pre-Sampling Purge (gal): 2490

PURGE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4" LDPE Other inertial
 Purge Water Containment: Drummed 0.51' 1-ft
 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
1342	1250	22.8	1080	7.70	H. brown	moderate	slight odor	
1345	1870	22.8	1080	7.65	↓	↓	↓	
1347	2490	22.6	1090	7.64	↓	↓	↓	

Purge Date: 9/30/05

SAMPLE:
 Device (Depth of Intake from TOC): S.S. Bailor Teflon Bailor PVC Bailor Disp. Bailor
 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
 Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4" LDPE Other inertial
0.51' 1-ft

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	ORP
1350	24.3	1110	7.58	7.28	H. brown	165	-94

Sheen: none Odor: slight Sample Date: 9/30/05

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
 REMARKS: 40 ml/ft 2 casing volume purge

SIGNATURE: R. Harrison DATE: 9/30/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT 4-Z5
PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
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 Volume in Casing (gal): 1646
Depth to Water (ft): 30.65 Calculated Purge (volumes): 3292
Height of Water Column (ft): 41.15 Actual Pre-Sampling Purge (gal): 3300

PURGE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4" PVDE Other inertial
Purge Water Containment: Drugged e 70' 11ft
Field QC Samples Collected at this Well (Equipment or Field Blank): EB- FB- Other

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp. (°C), Elec. Conductivity (µmhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Data rows show measurements at 1427, 1430, and 1433 hours.

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4" PVDE Other inertial
Purge Date: 9/30/05

Table with 8 columns: Time (2400 Hr), Temp. (°C), Electrical Conductivity (µmhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), ORP (Other). Data row shows measurements at 1435 hours.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 40 ml/ft 2 casing volume purge

SIGNATURE: [Signature] DATE: 9/30/05



WATER SAMPLE FIELD DATA

LOCATION: B-N-C Gas Mini Mart SAMPLE ID: CMT 4-Z6
PROJECT NO: 0537466 SAMPLED BY: R. HARRISON
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): 2829
Depth to Water (ft): 35.97 Calculated Purge (volumes): 5658
Height of Water Column (ft): 70.73 Actual Pre-Sampling Purge (gal): 5660

PURGE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4" PVDE Other inertial
Purge Water Containment: Drugged e 106' 11ft
Field QC Samples Collected at this Well (Equipment or Field Blank): EB- FB- Other

Table with 10 columns: Time (2400 Hr), Volume (gallons), Temp. (°C), Elec. Conductivity (µmhos/cm), pH (std. units), Color (visual), Turbidity (visual), Other, Observation. Data rows show measurements at 1513, 1520, and 1526 hours.

SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump
Pneumatic Displacement Pump Electric Submersible Pump Dedicated 1/4" PVDE Other inertial
Purge Date: 9/30/05

Table with 8 columns: Time (2400 Hr), Temp. (°C), Electrical Conductivity (µmhos/cm), pH (std. units), Dissolved Oxygen (mg/l), Color (visual), Turbidity (NTU), ORP (Other). Data row shows measurements at 1530 hours.

Field Measurement Devices: Horiba H4 Omega QuickCheck D.O. Test Kit
REMARKS: 40 ml/ft 2 casing volume purge

SIGNATURE: [Signature] DATE: 9/30/05



WATER SAMPLE FIELD DATA

LOCATION: PA-C GAS MINI WASTE SAMPLE ID: CMT4-27
 PROJECT NO: 053-7466 SAMPLED BY: C. Smith
 CLIENT: PA-C GAS MINI WASTE 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 CMT
 GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
 Well Total Depth (ft): 121.8 Volume in Casing (gal): 3367
 Depth to Water (ft): 37.64 Calculated Purge (volumes @ 1 gpm): 6733
 Height of Water Column (ft): 84.16 Actual Pre-Sampling Purge (gal): 6800

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 NEUTRAL 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
1602	3400	20.8	767	7.96	5000	H164		
1613	5100	20.6	771	7.92	↓	↓		
1627	6800	20.5	774	7.91	↓	↓		

Purge Date: 9/16/05

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

Time (2400 Hr)	Temp. (°C)	Electrical Conductivity (µmhos/cm)	pH (std. units)	Dissolved Oxygen (mg/l)	Color (visual)	Turbidity (NTU)	Other (pH, etc.)
1626	20.1	781	7.90	8.09	LT BROWN	138	(pH) 8.9
Shcen:	<u>NONE</u>		<u>NONE</u>				

Sample Date: 9/16/05

Field Measurement Devices: Horiba HY Omega QuickCheck D.O. Test Kit
 REMARKS: 40ml/pt. 2 CASING VOLUME PURGE. DUSED ACTION 1 TO MEASURE EC

OPERATOR: COND: 2-1030
 SIGNATURE: C. Smith DATE: 9/16/05

APPENDIX B

Laboratory Certified Analytical Reports



**Sequoia
Analytical**

885 Jarvis Drive
Morgan Hill, CA 95037
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FAX (408) 782-0308
www.sequoialabs.com

17 October, 2005

Joseph Cotton
Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View, CA 94043

RE: B-N-C Gas Minimart
Work Order: MOJ0098

Enclosed are the results of analyses for samples received by the laboratory on 10/03/05 19:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Page 1 of 21



**Sequoia
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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOJ0098
Reported:
10/17/05 08:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CMT1-Z5	MOJ0098-01	Water	09/30/05 09:30	10/03/05 19:30
CMT1-Z6	MOJ0098-02	Water	09/30/05 10:55	10/03/05 19:30
CMT4-Z2	MOJ0098-03	Water	09/30/05 12:40	10/03/05 19:30
CMT4-Z3	MOJ0098-04	Water	09/30/05 13:15	10/03/05 19:30
CMT4-Z4	MOJ0098-05	Water	09/30/05 13:50	10/03/05 19:30
CMT4-Z5	MOJ0098-06	Water	09/30/05 14:35	10/03/05 19:30
CMT4-Z6	MOJ0098-07	Water	09/30/05 15:30	10/03/05 19:30
PW093005	MOJ0098-08	Water	09/30/05 16:20	10/03/05 19:30

Sequoia Analytical - Morgan Hill

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Page 2 of 21



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Goldier Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimar
Project Number: 053-7466
Project Manager: Joseph Cotton

MOJ0098
Report#: 10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units							
PW093005 (MOJ0098-08) Water Sampled: 09/30/05 16:20 Received: 10/03/05 19:30										
Bromodichloroethane	ND	0.50	ug/l	1	5113013	10/13/05	10/14/05	EPA 624		
Bromoform	ND	0.50	"	"	"	"	"	"		
Bromomethane	ND	1.0	"	"	"	"	"	"		
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"		
Chlorobenzene	ND	0.50	"	"	"	"	"	"		
Chloroethane	ND	0.50	"	"	"	"	"	"		
Chloroform	ND	0.50	"	"	"	"	"	"		
Chloromethane	ND	0.50	"	"	"	"	"	"		
Dibromochloromethane	ND	0.50	"	"	"	"	"	"		
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"		
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"		
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"		
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"		
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"		
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"		
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"		
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"		
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"		
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"		
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"		
Methylene chloride	ND	0.50	"	"	"	"	"	"		
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"		
Tetrachloroethene	4,4	0.50	"	"	"	"	"	"		
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"		
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"		
Trichloroethene	ND	0.50	"	"	"	"	"	"		
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"		
Vinyl chloride	ND	0.50	"	"	"	"	"	"		
Freon 113	ND	0.50	"	"	"	"	"	"		
Surrogate: 1,2-Dichloroethane-d4	113 %	50-150	"	"	"	"	"	"		
Surrogate: 1,4-Difluorobenzene	115 %	50-150	"	"	"	"	"	"		
Surrogate: 4-Bromofluorobenzene	98 %	50-150	"	"	"	"	"	"		
Benzene	4.3	0.50	"	"	"	"	"	"		
Chlorobenzene	ND	0.50	"	"	"	"	"	"		
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"		
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"		
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"		
Toluene	1.5	0.50	"	"	"	"	"	"		
Ethylbenzene	ND	0.50	"	"	"	"	"	"		

Sequoia Analytical - Morgan Hill

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Goldier Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimar
Project Number: 053-7466
Project Manager: Joseph Cotton

MOJ0098
Report#: 10/17/05 08:31

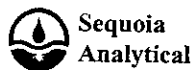
EPA 601/602 Volatile Organic Compounds by EPA 624

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units							
PW093005 (MOJ0098-08) Water Sampled: 09/30/05 16:20 Received: 10/03/05 19:30										
Xylenes (total)	0.57	0.50	ug/l	1	5113013	10/13/05	10/14/05	EPA 624		
Surrogate: 1,2-Dichloroethane-d4	113 %	50-150	"	"	"	"	"	"		
Surrogate: 1,4-Difluorobenzene	115 %	50-150	"	"	"	"	"	"		
Surrogate: 4-Bromofluorobenzene	98 %	50-150	"	"	"	"	"	"		

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOJ0098
Reported:
10/17/05 08:31

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z5 (MOJ0098-01) Water Sampled: 09/30/05 09:30 Received: 10/03/05 19:30									
Benzene	ND	0.50	ug/l	1	5106010	10/06/05	10/07/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		90%		60-135					
CMT1-Z6 (MOJ0098-02) Water Sampled: 09/30/05 10:55 Received: 10/03/05 19:30									
Benzene	ND	0.50	ug/l	1	5106010	10/06/05	10/07/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89%		60-135					
CMT4-Z2 (MOJ0098-03) Water Sampled: 09/30/05 12:40 Received: 10/03/05 19:30									
Benzene	1590	25	ug/l	50	5106010	10/06/05	10/07/05	EPA 8260B	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Ethylbenzene	320	25	"	"	"	"	"	"	
Methyl tert-butyl ether	2000	25	"	"	"	"	"	"	
Toluene	470	25	"	"	"	"	"	"	
Xylenes (total)	590	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	5700	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		88%		60-135					

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

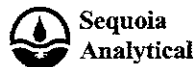
MOJ0098
Reported:
10/17/05 08:31

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT4-Z3 (MOJ0098-04) Water Sampled: 09/30/05 13:15 Received: 10/03/05 19:30									
Benzene	170	1.0	ug/l	2	5106010	10/06/05	10/07/05	EPA 8260B	
tert-Butyl alcohol	ND	40	"	"	"	"	"	"	
Ethylbenzene	9.3	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	22	1.0	"	"	"	"	"	"	
Toluene	64	1.0	"	"	"	"	"	"	
Xylenes (total)	22	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	400	100	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		92%		60-135					
CMT4-Z4 (MOJ0098-05) Water Sampled: 09/30/05 13:50 Received: 10/03/05 19:30									
Benzene	24	0.50	ug/l	1	5107010	10/07/05	10/08/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	1.9	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.65	0.50	"	"	"	"	"	"	
Toluene	18	0.50	"	"	"	"	"	"	
Xylenes (total)	6.8	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	81	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		110%		60-135					
CMT4-Z5 (MOJ0098-06) Water Sampled: 09/30/05 14:35 Received: 10/03/05 19:30									
Benzene	3.2	0.50	ug/l	1	5107010	10/07/05	10/08/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	3.7	0.50	"	"	"	"	"	"	
Xylenes (total)	2.2	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		110%		60-135					

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

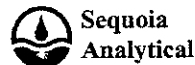
MOJ0098
Reported:
10/17/05 08:31

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
CMT4-26 (MOJ0098-07) Water Sampled: 09/30/05 15:30 Received: 10/03/05 19:30									
Benzene	0.63	0.50	ug/l	1	SJ07010	10/07/05	10/08/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	0.52	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		102 %		60-135					

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOJ0098
Reported:
10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624 - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Reporting		Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Result	Limit							
Batch SJ13013 - EPA 5030B P/T / EPA 624									
Blank (SJ13013-BLK1) Prepared & Analyzed: 10/13/05									
Bromodichloromethane	ND	0.50	ug/l						
Benzene	ND	0.50	"						
Bromoform	ND	0.50	"						
Chlorobenzene	ND	0.50	"						
Bromomethane	ND	1.0	"						
1,2-Dichlorobenzene	ND	0.50	"						
1,3-Dichlorobenzene	ND	0.50	"						
Carbon tetrachloride	ND	0.50	"						
Chlorobenzene	ND	0.50	"						
1,4-Dichlorobenzene	ND	0.50	"						
Toluene	ND	0.50	"						
Chloroethane	ND	0.50	"						
Ethylbenzene	ND	0.50	"						
Xylenes (total)	ND	0.50	"						
Chloroform	ND	0.50	"						
Chloromethane	ND	0.50	"						
Dibromochloromethane	ND	0.50	"						
1,3-Dichlorobenzene	ND	0.50	"						
1,4-Dichlorobenzene	ND	0.50	"						
1,2-Dichlorobenzene	ND	0.50	"						
1,1-Dichloroethane	ND	0.50	"						
1,2-Dichloroethane	ND	0.50	"						
1,1-Dichloroethane	ND	0.50	"						
cis-1,2-Dichloroethane	ND	0.50	"						
trans-1,2-Dichloroethane	ND	0.50	"						
1,2-Dichloropropane	ND	0.50	"						
cis-1,3-Dichloropropene	ND	0.50	"						
trans-1,3-Dichloropropene	ND	0.50	"						
Methylene chloride	ND	0.50	"						
1,1,2,2-Tetrachloroethane	ND	0.50	"						
Tetrachloroethene	ND	0.50	"						
1,1,1-Trichloroethane	ND	0.50	"						
1,1,2-Trichloroethane	ND	0.50	"						
Trichloroethene	ND	0.50	"						
Trichlorofluoromethane	ND	0.50	"						

Sequoia Analytical - Morgan Hill

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Goldier Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas MiniMart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOJ0098
Reported:
10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624 - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch SJ13013 - EPA 5030B P/T / EPA 624

Blank (SJ13013-BLK1)

Prepared & Analyzed: 10/13/05

Vinyl chloride	ND	0.50	ug/l							
Freon 113	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	5.41			5.00	108	50-150				
Surrogate: 1,4-Difluorobenzene	4.51			4.00	113	50-150				
Surrogate: 4-Bromofluorobenzene	4.75			5.00	95	50-150				
Surrogate: 1,2-Dichloroethane-d4	5.41			5.00	108	50-150				
Surrogate: 1,4-Difluorobenzene	4.51			4.00	113	50-150				
Surrogate: 4-Bromofluorobenzene	4.75			5.00	95	50-150				

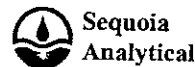
Blank (SJ13013-BLK2)

Prepared: 10/13/05 Analyzed: 10/14/05

Benzene	ND	0.50	ug/l							
Bromodichloromethane	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Bromoform	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
Bromomethane	ND	1.0	"							
1,3-Dichlorobenzene	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Chloromethane	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas MiniMart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOJ0098
Reported:
10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624 - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch SJ13013 - EPA 5030B P/T / EPA 624

Blank (SJ13013-BLK2)

Prepared: 10/13/05 Analyzed: 10/14/05

cis-1,3-Dichloropropane	ND	0.50	ug/l							
trans-1,3-Dichloropropane	ND	0.50	"							
Methylene chloride	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
Tetrachloroethane	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethane	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Freon 113	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	5.24			5.00	105	50-150				
Surrogate: 1,4-Difluorobenzene	4.51			4.00	113	50-150				
Surrogate: 4-Bromofluorobenzene	4.68			5.00	94	50-150				
Surrogate: 1,2-Dichloroethane-d4	5.24			5.00	105	50-150				
Surrogate: 1,4-Difluorobenzene	4.51			4.00	113	50-150				
Surrogate: 4-Bromofluorobenzene	4.68			5.00	94	50-150				

Laboratory Control Sample (SJ13013-BS1)

Prepared & Analyzed: 10/13/05

Benzene	20.7	0.50	ug/l	20.0	104	65-115				
Bromodichloromethane	24.3	0.50	"	20.0	122	75-150				
Bromoform	22.9	0.50	"	20.0	114	60-125				
Chlorobenzene	21.9	0.50	"	20.0	110	80-120				
1,2-Dichlorobenzene	21.5	0.50	"	20.0	108	80-125				
Bromomethane	28.6	1.0	"	20.0	143	40-150				
1,3-Dichlorobenzene	21.5	0.50	"	20.0	108	75-120				
Carbon tetrachloride	22.3	0.50	"	20.0	112	75-140				
1,4-Dichlorobenzene	21.0	0.50	"	20.0	105	75-120				
Chlorobenzene	21.9	0.50	"	20.0	110	80-120				
Chloroethane	17.3	0.50	"	20.0	86	75-120				
Toluene	20.3	0.50	"	20.0	102	85-120				
Ethylbenzene	22.1	0.50	"	20.0	110	75-135				
Chloroform	21.5	0.50	"	20.0	108	80-125				
Xylenes (total)	67.3	0.50	"	60.0	112	85-125				
Chloromethane	17.0	0.50	"	20.0	85	50-135				
Dibromochloromethane	19.2	0.50	"	20.0	96	70-125				

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MO10098
Reported:
10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624 - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch SJ13013 - EPA 5030B P/T / EPA 624

Laboratory Control Sample (SJ13013-BS1)

Prepared & Analyzed: 10/13/05

1,3-Dichlorobenzene	21.5	0.50	ug/l	20.0	108	75-120				
1,4-Dichlorobenzene	21.0	0.50	"	20.0	105	75-120				
1,2-Dichlorobenzene	21.5	0.50	"	20.0	108	80-125				
1,1-Dichloroethane	20.7	0.50	"	20.0	104	55-140				
1,2-Dichloroethane	21.0	0.50	"	20.0	105	85-130				
1,1-Dichloroethane	20.9	0.50	"	20.0	104	75-135				
cis-1,2-Dichloroethane	22.9	0.50	"	20.0	114	85-130				
trans-1,2-Dichloroethane	21.9	0.50	"	20.0	110	70-130				
1,2-Dichloropropane	21.4	0.50	"	20.0	107	85-115				
cis-1,3-Dichloropropane	20.7	0.50	"	20.0	104	65-130				
trans-1,3-Dichloropropane	20.6	0.50	"	20.0	103	65-125				
Methylene chloride	19.8	0.50	"	20.0	99	75-135				
1,1,2,2-Tetrachloroethane	22.5	0.50	"	20.0	112	70-140				
Tetrachloroethane	21.9	0.50	"	20.0	110	85-125				
1,1,1-Trichloroethane	22.0	0.50	"	20.0	110	85-135				
1,1,2-Trichloroethane	22.2	0.50	"	20.0	111	85-120				
Trichloroethane	20.0	0.50	"	20.0	100	60-140				
Trichlorofluoromethane	20.2	0.50	"	20.0	101	85-130				
Vinyl chloride	17.7	0.50	"	20.0	88	55-145				
Freon 113	20.1	0.50	"	20.0	100	80-140				
Surrogate: 1,2-Dichloroethane-d4	5.16	"	5.00	103	50-150					
Surrogate: 1,4-Difluorobenzene	4.40	"	4.00	110	50-150					
Surrogate: 4-Bromofluorobenzene	5.19	"	5.00	104	50-150					
Surrogate: 1,2-Dichloroethane-d4	5.16	"	5.00	103	50-150					
Surrogate: 1,4-Difluorobenzene	4.40	"	4.00	110	50-150					
Surrogate: 4-Bromofluorobenzene	5.19	"	5.00	104	50-150					

Laboratory Control Sample Dup (SJ13013-BSD1)

Prepared & Analyzed: 10/13/05

Benzene	18.7	0.50	ug/l	20.0	94	65-115	10	20		
Bromodichloromethane	25.5	0.50	"	20.0	128	75-150	5	15		
Bromoform	24.6	0.50	"	20.0	123	60-125	7	15		
Chlorobenzene	22.9	0.50	"	20.0	114	80-120	4	10		
Bromomethane	17.5	1.0	"	20.0	88	40-150	48	35		QC21
1,2-Dichlorobenzene	23.2	0.50	"	20.0	116	80-125	8	10		
Carbon tetrachloride	20.4	0.50	"	20.0	102	75-140	9	20		
1,3-Dichlorobenzene	23.8	0.50	"	20.0	119	75-120	10	10		

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MO10098
Reported:
10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624 - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch SJ13013 - EPA 5030B P/T / EPA 624

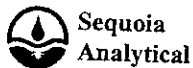
Laboratory Control Sample Dup (SJ13013-BSD1)

Prepared & Analyzed: 10/13/05

1,4-Dichlorobenzene	22.5	0.50	ug/l	20.0	112	75-120	7	15		
Chlorobenzene	22.9	0.50	"	20.0	114	80-120	4	10		QC02
Chloroethane	13.8	0.50	"	20.0	69	75-120	23	30		
Toluene	20.3	0.50	"	20.0	102	85-120	0	20		
Ethylbenzene	23.3	0.50	"	20.0	116	75-135	5	15		
Chloroform	20.9	0.50	"	20.0	104	80-125	3	15		
Xylenes (total)	70.6	0.50	"	60.0	118	85-125	5	20		
Chloroethane	12.6	0.50	"	20.0	63	50-135	30	20		QC21
Dibromochloromethane	20.6	0.50	"	20.0	103	70-125	7	15		
1,3-Dichlorobenzene	23.8	0.50	"	20.0	119	75-120	10	10		
1,4-Dichlorobenzene	22.5	0.50	"	20.0	112	75-120	7	15		
1,2-Dichlorobenzene	23.2	0.50	"	20.0	116	80-125	8	10		
1,1-Dichloroethane	18.2	0.50	"	20.0	91	55-140	13	20		
1,2-Dichloroethane	19.9	0.50	"	20.0	100	85-130	5	20		
1,1-Dichloroethane	17.2	0.50	"	20.0	86	75-135	19	20		
cis-1,2-Dichloroethane	20.9	0.50	"	20.0	104	85-130	9	10		
trans-1,2-Dichloroethane	18.8	0.50	"	20.0	94	70-130	15	15		
1,2-Dichloropropane	21.0	0.50	"	20.0	105	85-115	2	10		
cis-1,3-Dichloropropane	21.2	0.50	"	20.0	106	65-130	2	15		
trans-1,3-Dichloropropane	21.3	0.50	"	20.0	106	65-125	3	10		
Methylene chloride	16.4	0.50	"	20.0	82	75-135	19	15		QC21
1,1,2,2-Tetrachloroethane	25.3	0.50	"	20.0	126	70-140	12	20		
Tetrachloroethane	22.2	0.50	"	20.0	111	85-125	1	15		
1,1,1-Trichloroethane	20.1	0.50	"	20.0	100	85-135	9	15		
1,1,2-Trichloroethane	23.4	0.50	"	20.0	117	85-120	5	15		
Trichloroethane	18.7	0.50	"	20.0	94	60-140	7	20		
Trichlorofluoromethane	16.7	0.50	"	20.0	84	85-130	19	15		QC02
Vinyl chloride	13.3	0.50	"	20.0	66	55-145	28	20		QC21
Freon 113	17.4	0.50	"	20.0	87	80-140	14	20		
Surrogate: 1,2-Dichloroethane-d4	4.98	"	5.00	100	50-150					
Surrogate: 1,4-Difluorobenzene	4.52	"	4.00	113	50-150					
Surrogate: 4-Bromofluorobenzene	5.05	"	5.00	101	50-150					
Surrogate: 1,2-Dichloroethane-d4	4.98	"	5.00	100	50-150					
Surrogate: 1,4-Difluorobenzene	4.52	"	4.00	113	50-150					
Surrogate: 4-Bromofluorobenzene	5.05	"	5.00	101	50-150					

Sequoia Analytical - Morgan Hill

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Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOJ0098
Reported:
10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624 - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch SJ13013 - EPA 5030B P/T / EPA 624

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Matrix Spike (SJ13013-MS1) Source: MOJ0546-02 Prepared: 10/13/05 Analyzed: 10/14/05										
Benzene	202	5.0	ug/l	200	ND	101	65-115			
Bromochloromethane	277	5.0	"	200	ND	138	75-150			
Chlorobenzene	242	5.0	"	200	ND	121	80-120			QM01
Bromoform	259	5.0	"	200	ND	130	60-125			QM01
1,2-Dichlorobenzene	246	5.0	"	200	ND	123	80-125			
Bromomethane	171	10	"	200	0.31	85	40-150			
1,3-Dichlorobenzene	247	5.0	"	200	ND	124	75-120			QM01
Carbon tetrachloride	219	5.0	"	200	ND	110	75-140			
1,4-Dichlorobenzene	237	5.0	"	200	ND	118	75-120			
Chlorobenzene	242	5.0	"	200	ND	121	80-120			QM01
Toluene	222	5.0	"	200	ND	111	85-120			
Chloroethane	153	5.0	"	200	ND	76	75-120			
Ethylbenzene	244	5.0	"	200	ND	122	75-135			
Chloroform	226	5.0	"	200	0.26	113	80-125			
Xylenes (total)	738	5.0	"	600	ND	123	85-125			
Chloromethane	134	5.0	"	200	0.29	67	50-135			
Dibromochloromethane	223	5.0	"	200	ND	112	70-125			
1,3-Dichlorobenzene	247	5.0	"	200	ND	124	75-120			QM01
1,4-Dichlorobenzene	237	5.0	"	200	ND	118	75-120			
1,2-Dichlorobenzene	246	5.0	"	200	ND	123	80-125			
1,1-Dichloroethane	181	5.0	"	200	1.5	90	55-140			
1,2-Dichloroethane	218	5.0	"	200	ND	109	85-130			
1,1-Dichloroethane	186	5.0	"	200	2.2	92	75-135			
cis-1,2-Dichloroethane	288	5.0	"	200	69	110	85-130			
trans-1,2-Dichloroethane	206	5.0	"	200	4.8	101	70-130			
1,2-Dichloropropane	229	5.0	"	200	ND	114	85-115			
cis-1,3-Dichloropropene	220	5.0	"	200	ND	110	65-130			
trans-1,3-Dichloropropene	223	5.0	"	200	ND	112	65-125			
Methylene chloride	176	5.0	"	200	ND	88	75-135			
1,1,2,2-Tetrachloroethane	275	5.0	"	200	ND	138	70-140			
Tetrachloroethene	243	5.0	"	200	1.2	121	85-125			
1,1,1-Trichloroethane	220	5.0	"	200	3.2	108	85-125			
1,1,2-Trichloroethane	256	5.0	"	200	ND	128	85-120			QM01
Trichloroethene	294	5.0	"	200	99	98	60-140			
Trichlorofluoromethane	179	5.0	"	200	ND	90	85-130			
Vinyl chloride	150	5.0	"	200	2.7	74	55-145			

Sequoia Analytical - Morgan Hill

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MOJ0098
Reported:
10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624 - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch SJ13013 - EPA 5030B P/T / EPA 624

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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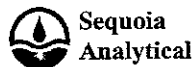
Matrix Spike (SJ13013-MS1) Source: MOJ0546-02 Prepared: 10/13/05 Analyzed: 10/14/05										
Freon 113	182	5.0	ug/l	200	0.47	91	80-140			
Surrogate: 1,2-Dichloroethane-d4	5.43	"	"	5.00	109	50-150				
Surrogate: 1,4-Difluorobenzene	4.55	"	"	4.00	114	50-150				
Surrogate: 4-Bromofluorobenzene	4.99	"	"	5.00	100	50-150				
Surrogate: 1,2-Dichloroethane-d4	5.43	"	"	5.00	109	50-150				
Surrogate: 1,4-Difluorobenzene	4.55	"	"	4.00	114	50-150				
Surrogate: 4-Bromofluorobenzene	4.99	"	"	5.00	100	50-150				

Matrix Spike Dup (SJ13013-MSD1) Source: MOJ0546-02 Prepared: 10/13/05 Analyzed: 10/14/05										
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Bromochloromethane	269	5.0	ug/l	200	ND	134	75-150	3	15	
Benzene	194	5.0	"	200	ND	97	65-115	4	20	
Chlorobenzene	232	5.0	"	200	ND	116	80-120	4	10	
Bromoform	250	5.0	"	200	ND	125	60-125	4	15	
1,2-Dichlorobenzene	240	5.0	"	200	ND	120	80-125	2	10	
Bromomethane	173	10	"	200	0.31	86	40-150	1	35	
Carbon tetrachloride	213	5.0	"	200	ND	106	75-140	3	20	
1,3-Dichlorobenzene	240	5.0	"	200	ND	120	75-120	3	10	
Chlorobenzene	232	5.0	"	200	ND	116	80-120	4	10	
1,4-Dichlorobenzene	232	5.0	"	200	ND	116	75-120	2	15	
Chloroethane	143	5.0	"	200	ND	72	75-120	7	30	QC02
Toluene	217	5.0	"	200	ND	108	85-120	2	20	
Ethylbenzene	236	5.0	"	200	ND	118	75-135	3	15	
Xylenes (total)	710	5.0	"	600	ND	118	85-125	4	20	
Chloroform	220	5.0	"	200	0.26	110	80-125	3	15	
Chloromethane	132	5.0	"	200	0.29	66	50-135	2	20	
Dibromochloromethane	220	5.0	"	200	ND	110	70-125	1	15	
1,3-Dichlorobenzene	240	5.0	"	200	ND	120	75-120	3	10	
1,4-Dichlorobenzene	232	5.0	"	200	ND	116	75-120	2	15	
1,2-Dichlorobenzene	240	5.0	"	200	ND	120	80-125	2	10	
1,1-Dichloroethane	172	5.0	"	200	1.5	85	55-140	5	20	
1,2-Dichloroethane	211	5.0	"	200	ND	106	85-130	3	20	
1,1-Dichloroethane	176	5.0	"	200	2.2	87	75-135	6	20	
cis-1,2-Dichloroethane	279	5.0	"	200	69	105	85-130	3	10	
trans-1,2-Dichloroethane	198	5.0	"	200	4.8	97	70-130	4	15	
1,2-Dichloropropane	222	5.0	"	200	ND	111	85-115	3	10	
cis-1,3-Dichloropropene	219	5.0	"	200	ND	110	65-130	0.5	15	

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MO10098
Reported:
10/17/05 08:31

EPA 601/602 Volatile Organic Compounds by EPA 624 - Quality Control
Sequoia Analytical - Morgan Hill

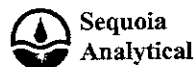
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5J13013 - EPA 5030B P/T / EPA 624

Matrix Spike Dup (5J13013-MSD1)	Source: MOJ0546-02	Prepared: 10/13/05	Analyzed: 10/14/05							
trans-1,3-Dichloropropene	218	5.0	ug/l	200	ND	109	65-125	2	10	
Methylene chloride	170	5.0	"	200	ND	85	75-135	3	15	
1,1,2,2-Tetrachloroethane	277	5.0	"	200	ND	138	70-140	0.7	20	
Tetrachloroethene	232	5.0	"	200	1.2	115	85-125	5	15	
1,1,1-Trichloroethane	213	5.0	"	200	3.2	105	85-135	3	15	
1,1,2-Trichloroethane	250	5.0	"	200	ND	125	85-130	2	15	QM01
Trichloroethene	281	5.0	"	200	99	91	60-140	5	20	
Trichlorofluoromethane	174	5.0	"	200	ND	87	85-130	3	15	
Vinyl chloride	144	5.0	"	200	2.7	71	55-145	4	20	
Pron 113	176	5.0	"	200	0.47	88	80-140	3	20	
Surrogate: 1,2-Dichloroethane-d4	5.29	-	5.00	106	50-150					
Surrogate: 1,4-Difluorobenzene	4.51	-	4.00	113	50-150					
Surrogate: 4-Bromofluorobenzene	5.07	-	5.00	101	50-150					
Surrogate: 1,2-Dichloroethane-d4	5.29	-	5.00	106	50-150					
Surrogate: 1,4-Difluorobenzene	4.51	-	4.00	113	50-150					
Surrogate: 4-Bromofluorobenzene	5.07	-	5.00	101	50-150					

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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MO10098
Reported:
10/17/05 08:31

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

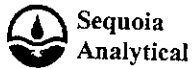
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5J06010 - EPA 5030B P/T / EPA 8260B

Blank (5J06010-BLK1)	Prepared & Analyzed: 10/06/05
tert-Amyl methyl ether	ND 0.50 ug/l
Benzene	ND 0.50 "
tert-Butyl alcohol	ND 20 "
Di-isopropyl ether	ND 0.50 "
Ethanol	ND 100 "
Ethyl tert-butyl ether	ND 0.50 "
Ethylbenzene	ND 0.50 "
Methyl tert-butyl ether	ND 0.50 "
Toluene	ND 0.50 "
Xylenes (total)	ND 0.50 "
Gasoline Range Organics (C4-C12)	ND 50 "
Surrogate: 1,2-Dichloroethane-d4	2.07 " 2.50 83 78-129
Blank (5J06010-BLK2)	Prepared & Analyzed: 10/06/05
Benzene	ND 0.50 ug/l
tert-Butyl alcohol	ND 5.0 "
Ethanol	ND 100 "
Ethylbenzene	ND 0.50 "
Methyl tert-butyl ether	ND 0.50 "
Toluene	ND 0.50 "
Xylenes (total)	ND 0.50 "
Gasoline Range Organics (C4-C12)	ND 50 "
Surrogate: 1,2-Dichloroethane-d4	2.14 " 2.50 86 60-135
Laboratory Control Sample (5J06010-BS1)	Prepared & Analyzed: 10/06/05
Benzene	4.80 0.50 ug/l 5.16 93 69-124
tert-Butyl alcohol	160 20 " 143 112 56-131
Ethanol	188 100 " 142 132 31-143
Ethylbenzene	6.99 0.50 " 7.54 93 84-132
Methyl tert-butyl ether	6.89 0.50 " 7.02 98 63-137
Toluene	34.0 0.50 " 37.2 91 78-129
Xylenes (total)	37.0 0.50 " 41.2 90 83-137
Gasoline Range Organics (C4-C12)	454 50 " 440 103 70-124
Surrogate: 1,2-Dichloroethane-d4	2.22 " 2.50 89 78-129

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
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Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MO10098
Reported:
10/17/05 08:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch SJ06010 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample (SJ06010-BS2)

Prepared & Analyzed: 10/06/05

Benzene	5.21	0.50	ug/l	5.16	101	65-115				
tert-Butyl alcohol	161	20	"	143	113	75-150				
Ethanol	217	100	"	142	153	70-135				QC01
Ethylbenzene	7.43	0.50	"	7.54	99	75-135				
Methyl tert-butyl ether	7.24	0.50	"	7.02	103	65-125				
Toluene	37.1	0.50	"	37.2	100	85-120				
Xylenes (total)	39.0	0.50	"	41.2	95	85-125				
Gasoline Range Organics (C4-C12)	509	50	"	440	116	60-140				
Surrogate: 1,2-Dichloroethane-d4	2.27	"	"	2.50	91	60-135				

Matrix Spike (SJ06010-MS1)

Source: MOJ0074-04

Prepared & Analyzed: 10/06/05

Benzene	5.43	0.50	ug/l	5.16	ND	105	69-124			
tert-Butyl alcohol	176	20	"	143	19	111	56-131			
Ethanol	150	100	"	142	ND	106	31-143			
Ethylbenzene	7.51	0.50	"	7.54	ND	100	84-132			
Methyl tert-butyl ether	7.55	0.50	"	7.02	ND	108	63-137			
Toluene	38.4	0.50	"	37.2	0.35	102	78-129			
Xylenes (total)	40.4	0.50	"	41.2	ND	98	83-137			
Gasoline Range Organics (C4-C12)	521	50	"	440	ND	118	70-124			
Surrogate: 1,2-Dichloroethane-d4	2.15	"	"	2.50	86	78-129				

Matrix Spike Dup (SJ06010-MSD1)

Source: MO10074-04

Prepared: 10/06/05 Analyzed: 10/07/05

Benzene	5.38	0.50	ug/l	5.16	ND	104	69-124	0.9	20	
tert-Butyl alcohol	164	20	"	143	19	101	56-131	7	20	
Ethanol	173	100	"	142	ND	122	31-143	14	20	
Ethylbenzene	7.67	0.50	"	7.54	ND	102	84-132	2	20	
Methyl tert-butyl ether	7.38	0.50	"	7.02	ND	105	63-137	2	20	
Toluene	38.4	0.50	"	37.2	0.35	102	78-129	0	20	
Xylenes (total)	39.7	0.50	"	41.2	ND	96	83-137	2	20	
Gasoline Range Organics (C4-C12)	507	50	"	440	ND	115	70-124	3	20	
Surrogate: 1,2-Dichloroethane-d4	2.22	"	"	2.50	89	78-129				

Sequoia Analytical - Morgan Hill

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2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MO10098
Reported:
10/17/05 08:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch SJ07010 - EPA 5030B P/T / EPA 8260B

Blank (SJ07010-BLK1)

Prepared & Analyzed: 10/07/05

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.89	"	"	5.00	98	78-129				

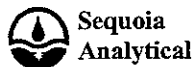
Blank (SJ07010-BLK2)

Prepared & Analyzed: 10/07/05

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.93	"	"	5.00	99	60-135				

Sequoia Analytical - Morgan Hill

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Golder Associates Inc. Project: B-N-C Gas Minimart MOJ0098
2580 Wyandotte St., Ste. G Project Number: 053-7466 Reported:
Mountain View CA, 94043 Project Manager: Joseph Cotton 10/17/05 08:31

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5J07010 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample (5J07010-BS1)		Prepared & Analyzed: 10/07/05								
Benzene	5.18	0.50	ug/l	5.16	100	69-124				
tert-Butyl alcohol	155	20	"	143	108	56-131				
Ethanol	188	100	"	142	132	31-143				
Ethylbenzene	6.41	0.50	"	7.54	85	84-132				
Methyl tert-butyl ether	7.53	0.50	"	7.02	107	63-137				
Toluene	36.9	0.50	"	37.2	99	78-129				
Xylenes (total)	39.0	0.50	"	41.2	95	83-137				
Gasoline Range Organics (C4-C12)	496	50	"	440	113	70-124				
Surrogate: 1,2-Dichloroethane-d4	5.28			5.00	106	78-129				

Laboratory Control Sample (5J07010-BS2)		Prepared & Analyzed: 10/07/05								
Benzene	4.97	0.50	ug/l	5.16	96	65-115				QC01
tert-Butyl alcohol	162	20	"	143	113	75-150				
Ethanol	206	100	"	142	145	70-135				
Ethylbenzene	6.19	0.50	"	7.54	82	75-135				
Methyl tert-butyl ether	7.21	0.50	"	7.02	103	65-125				
Toluene	36.4	0.50	"	37.2	98	85-120				
Xylenes (total)	40.4	0.50	"	41.2	98	85-125				
Gasoline Range Organics (C4-C12)	491	50	"	440	112	60-140				
Surrogate: 1,2-Dichloroethane-d4	5.07			5.00	101	60-135				

Matrix Spike (5J07010-MS1)		Source: MOJ0056-12		Prepared & Analyzed: 10/07/05						
Benzene	5.36	0.50	ug/l	5.16	ND	104	69-124			
tert-Butyl alcohol	156	20	"	143	ND	109	56-131			
Ethanol	174	100	"	142	ND	123	31-143			
Ethylbenzene	6.55	0.50	"	7.54	ND	87	84-132			
Methyl tert-butyl ether	8.02	0.50	"	7.02	ND	114	63-137			
Toluene	38.2	0.50	"	37.2	ND	103	78-129			
Xylenes (total)	41.1	0.50	"	41.2	ND	100	83-137			
Gasoline Range Organics (C4-C12)	437	50	"	440	ND	99	70-124			
Surrogate: 1,2-Dichloroethane-d4	5.15			5.00	103	78-129				

Sequoia Analytical - Morgan Hill

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Golder Associates Inc. Project: B-N-C Gas Minimart MOJ0098
2580 Wyandotte St., Ste. G Project Number: 053-7466 Reported:
Mountain View CA, 94043 Project Manager: Joseph Cotton 10/17/05 08:31

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5J07010 - EPA 5030B P/T / EPA 8260B

Matrix Spike Dup (5J07010-MSD1)		Source: MOJ0056-12		Prepared & Analyzed: 10/07/05						
Benzene	5.52	0.50	ug/l	5.16	ND	107	69-124	3	20	
tert-Butyl alcohol	152	20	"	143	ND	106	56-131	3	20	
Ethanol	162	100	"	142	ND	114	31-143	7	20	
Ethylbenzene	7.14	0.50	"	7.54	ND	95	84-132	9	20	
Methyl tert-butyl ether	8.07	0.50	"	7.02	ND	115	63-137	0.6	20	
Toluene	38.3	0.50	"	37.2	ND	103	78-129	0.3	20	
Xylenes (total)	41.8	0.50	"	41.2	ND	101	83-137	2	20	
Gasoline Range Organics (C4-C12)	440	50	"	440	ND	100	70-124	0.7	20	
Surrogate: 1,2-Dichloroethane-d4	4.96			5.00	99	78-129				

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
CHAIN OF CUSTODY

MOJ6098 Quotation No. Page 1 of 1

PROJECT AND PHASE NO.: 0537466		SITE NAME: B-N-C Gas Mini Mart		ANALYSES			EOD required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
SAMPLER(S): R. Harrison		Contract Laboratory: Seymour - Morgan Hill		Container Info			EDF required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
TURN-AROUND TIME: Standard		Date/Time		Type/Vol.	VOA 40	VOA 40	VOA 40	Remarks:	
Sample I.D.	Lab I.D.	Date	Time	Filter	Preserv.	Matrix	Depth		
CMT1-25	01	9/30/05	9:30	Water	HCl	HCl	HCl		6
CMT1-26	01		10:55		3	3	3		6
CMT4-22	04		12:40		3	3	3		6
CMT4-23	04		13:15		3	3	3		6
CMT4-24	04		13:50		3	3	3		6
CMT4-25	04		14:35		3	3	3		6
CMT4-26	04		15:30		3	3	3		6
PW0800AS	04		16:20		1	1	1		6
								3	

Requested by: (signature)
 Received by: (signature)
 Date/Time: **10/3/05 9:50**
 Received by: (signature)
 Date/Time: **10/3/05 19:30**
 Received by: (signature)

SEND RESULTS TO:
 Attn: **Joseph Cotton**
 Golder Associates Inc.
 2580 Wyandotte St., Suite G
 Mountain View, CA 94043
 Phone (650) 386-3828
 Fax (650) 386-3815



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Golder Associates Inc.
 2580 Wyandotte St., Ste. G
 Mountain View, CA, 94043

Project: B-N-C Gas Mini Mart
 Project Number: 053-7466
 Project Manager: Joseph Cotton

MOJ0098
 Reported: 10/17/05 08:31

Notes and Definitions

- QM01 The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QC21 The RPD result exceeded the control limits, however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QC02 The percent recovery was below the control limits.
- QC01 The percent recovery was above the control limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Goldr. Associates DATE REC'D AT LAB: 10/3/05 For Regulatory Purposes?
 REC. BY (PRINT): Phuc TIME REC'D AT LAB: 09:30 DRINKING WATER YES/NO
 WORKORDER: M050078 DATE LOGGED IN: 10-4-05 WASTE WATER YES/NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent	Intact / Broken*	01	A-P	CMT 1-25	VOA (3)	HCL	-	10/3/05		
2. Chain-of-Custody Present / Absent*		02		1-26						
3. Traffic Reports or Packing List: Present / Absent		03		4-22						
4. Airbill: Airbill / Sticker Present / Absent		04		-23						
		05		-24						
		06		-25						
		07		-26						
6. Airbill #: Present / Absent		08	A-P	W095005	VOA (3)					
7. Sample Labels: Present / Absent	Label / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*										
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*										
10. Sample received within hold time? Yes / No*										
11. Adequate sample volume received? Yes / No*										
12. Proper preservatives used? Yes / No*										
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / NO*										
14. Read Temp: Corrected Temp: (circle which, if yes) Yes / No** (if any): METALS / DFF ON ICE										

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



**Sequoia
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4 October, 2005

Joseph Cotton
Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View, CA 94043

RE: B-N-C Gas Minimart
Work Order: MOI0704

Enclosed are the results of analyses for samples received by the laboratory on 09/20/05 18:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Page 1 of 14



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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Reported:
10/04/05 08:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOI0704-01	Water	09/15/05 18:00	09/20/05 18:20
MW-2	MOI0704-02	Water	09/15/05 17:29	09/20/05 18:20
MW-3	MOI0704-03	Water	09/15/05 16:26	09/20/05 18:20
MW-4	MOI0704-04	Water	09/15/05 15:34	09/20/05 18:20
MW-5	MOI0704-05	Water	09/15/05 14:40	09/20/05 18:20
MW-7	MOI0704-06	Water	09/16/05 11:43	09/20/05 18:20
MW-13	MOI0704-07	Water	09/16/05 11:03	09/20/05 18:20
D-2	MOI0704-08	Water	09/16/05 10:35	09/20/05 18:20
CMT1-Z7	MOI0704-09	Water	09/16/05 13:19	09/20/05 18:20
CMT3-Z7	MOI0704-10	Water	09/16/05 14:59	09/20/05 18:20
CMT4-Z7	MOI0704-11	Water	09/16/05 16:26	09/20/05 18:20
CMT2-Z1	MOI0704-12	Water	09/16/05 10:30	09/20/05 18:20
CMT2-Z2	MOI0704-13	Water	09/16/05 11:28	09/20/05 18:20
CMT2-Z3	MOI0704-14	Water	09/16/05 12:25	09/20/05 18:20
CMT2-Z4	MOI0704-15	Water	09/16/05 13:25	09/20/05 18:20
CMT2-Z5	MOI0704-16	Water	09/16/05 14:30	09/20/05 18:20
CMT2-Z6	MOI0704-17	Water	09/16/05 15:20	09/20/05 18:20
CMT2-Z7	MOI0704-18	Water	09/19/05 11:55	09/20/05 18:20
CMT1-Z1	MOI0704-19	Water	09/19/05 12:45	09/20/05 18:20
CMT1-Z2	MOI0704-20	Water	09/19/05 13:55	09/20/05 18:20
CMT1-Z3	MOI0704-21	Water	09/19/05 14:52	09/20/05 18:20

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

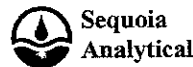
MOI0704
Reported:
10/04/05 08:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-1 (MOI0704-01) Water Sampled: 09/15/05 18:00 Received: 09/20/05 18:20									
Benzene	13	5.0	ug/l	10	5128029	09/28/05	09/28/05	EPA 8260B	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Ethylbenzene	9.0	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	5.5	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	14	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	1800	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		96%		60-135					
MW-2 (MOI0704-02) Water Sampled: 09/15/05 17:29 Received: 09/20/05 18:20									
Benzene	91	5.0	ug/l	10	5128029	09/28/05	09/28/05	EPA 8260B	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Ethylbenzene	130	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	35	5.0	"	"	"	"	"	"	
Toluene	9.8	5.0	"	"	"	"	"	"	
Xylenes (total)	12	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	1800	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		99%		60-135					
MW-3 (MOI0704-03) Water Sampled: 09/15/05 16:26 Received: 09/20/05 18:20									
Benzene	96	5.0	ug/l	10	5128029	09/28/05	09/28/05	EPA 8260B	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	210	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	8.8	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		90%		60-135					

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

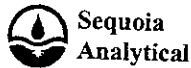
MOI0704
Reported:
10/04/05 08:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-4 (MOI0704-04) Water Sampled: 09/15/05 15:34 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128029	09/28/05	09/28/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		91%		60-135					
MW-5 (MOI0704-05) Water Sampled: 09/15/05 14:40 Received: 09/20/05 18:20									
Benzene	760	50	ug/l	100	5128029	09/28/05	09/28/05	EPA 8260B	
tert-Butyl alcohol	ND	2000	"	"	"	"	"	"	
Ethylbenzene	1100	50	"	"	"	"	"	"	
Methyl tert-butyl ether	170	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Xylenes (total)	110	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	12000	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		94%		60-135					
MW-7 (MOI0704-06) Water Sampled: 09/16/05 11:43 Received: 09/20/05 18:20									
Benzene	22	5.0	ug/l	10	5128029	09/28/05	09/28/05	EPA 8260B	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Ethylbenzene	36	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	54	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	1300	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		98%		60-135					

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Reported:
10/04/05 08:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-13 (MOI0704-07) Water Sampled: 09/16/05 11:03 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128029	09/28/05	09/28/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	3.4	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		96 %		60-135					
D-2 (MOI0704-08) Water Sampled: 09/16/05 10:35 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128029	09/28/05	09/28/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		92 %		60-135					
CMT1-27 (MOI0704-09) Water Sampled: 09/16/05 13:19 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128029	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		88 %		60-135					

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Reported:
10/04/05 08:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
CMT3-27 (MOI0704-10) Water Sampled: 09/16/05 14:59 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128029	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		88 %		60-135					
CMT4-27 (MOI0704-11) Water Sampled: 09/16/05 16:26 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128029	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		85 %		60-135					
CMT2-Z1 (MOI0704-12) Water Sampled: 09/16/05 10:30 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128029	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		82 %		60-135					

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Report#: 10/04/05 08:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
CMT2-Z2 (MOI0704-13) Water Sampled: 09/16/05 11:28 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128034	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.90	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 99% 60-135									
CMT2-Z3 (MOI0704-14) Water Sampled: 09/16/05 12:25 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128034	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 102% 60-135									
CMT2-Z4 (MOI0704-15) Water Sampled: 09/16/05 13:25 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128034	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 101% 60-135									

Sequoia Analytical - Morgan Hill

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Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Report#: 10/04/05 08:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
CMT2-Z5 (MOI0704-16) Water Sampled: 09/16/05 14:30 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128034	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 104% 60-135									
CMT2-Z6 (MOI0704-17) Water Sampled: 09/16/05 15:20 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128034	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 104% 60-135									
CMT2-Z7 (MOI0704-18) Water Sampled: 09/19/05 11:55 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5128034	09/28/05	09/29/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 106% 60-135									

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Reported:
10/04/05 08:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z1 (MOI0704-19) Water Sampled: 09/19/05 12:45 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5129030	09/29/05	09/30/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		80%		60-135					
CMT1-Z2 (MOI0704-20) Water Sampled: 09/19/05 13:55 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5129030	09/29/05	09/30/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		82%		60-135					
CMT1-Z3 (MOI0704-21) Water Sampled: 09/19/05 14:52 Received: 09/20/05 18:20									
Benzene	ND	0.50	ug/l	1	5129030	09/29/05	09/30/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89%		60-135					

Sequoia Analytical - Morgan Hill

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Goldier Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Reported:
10/04/05 08:30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	NREC Limit	RPD	RPD Limit	Notes
Batch S128029 - EPA 5030B Modified / EPA 8260B										
Blank (S128029-BLK1) Prepared & Analyzed: 09/28/05										
Benzene	ND	0.50	ug/l							
tert-Butyl alcohol	ND	20	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	2.28		"	2.50		91	60-135			
Laboratory Control Sample (S128029-BS1) Prepared & Analyzed: 09/28/05										
Benzene	5.11	0.50	ug/l	5.16		99	65-115			
tert-Butyl alcohol	166	20	"	143		116	75-150			
Ethanol	194	100	"	141		138	70-135			QC01
Ethylbenzene	6.92	0.50	"	7.54		92	75-135			
Methyl tert-butyl ether	8.41	0.50	"	7.02		120	65-125			
Toluene	38.2	0.50	"	37.2		103	85-120			
Xylenes (total)	38.2	0.50	"	41.4		92	85-125			
Gasoline Range Organics (C4-C12)	430	50	"	440		98	60-140			
Surrogate: 1,2-Dichloroethane-d4	2.70		"	2.50		108	60-135			
Matrix Spike (S128029-MS1) Source: MOI0704-01 Prepared & Analyzed: 09/28/05										
Benzene	64.0	5.0	ug/l	51.6	13	99	65-115			
tert-Butyl alcohol	1740	200	"	1430	ND	122	75-120			QM01
Ethanol	2650	1000	"	1410	ND	188	70-135			QC01
Ethylbenzene	77.9	5.0	"	75.4	9.0	91	75-135			
Methyl tert-butyl ether	86.1	5.0	"	70.2	5.5	115	65-125			
Toluene	389	5.0	"	372	1.7	104	85-120			
Xylenes (total)	410	5.0	"	414	14	96	85-125			
Gasoline Range Organics (C4-C12)	5920	500	"	4400	1800	94	60-140			
Surrogate: 1,2-Dichloroethane-d4	2.78		"	2.50		111	60-135			

Sequoia Analytical - Morgan Hill

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Golder Associates Inc. Project: B-N-C Gas Minimart MOI0704
2580 Wyandotte St., Ste. G Project Number: 053-7466 Reported:
Mountain View CA, 94043 Project Manager: Joseph Cotton 10/04/05 08:30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch 5128029 - EPA 5030B Modified / EPA 8260B

Matrix Spike Dup (5128029-MSD1)		Source: MOI0704-01		Prepared & Analyzed: 09/28/05						
Benzene	64.4	5.0	ug/l	51.6	13	100	65-115	0.6	20	
tert-Butyl alcohol	1760	200	"	1430	ND	123	75-120	1	25	QM01
Ethanol	2860	1000	"	1410	ND	203	70-135	8	35	QC01
Ethylbenzene	75.9	5.0	"	75.4	9.0	89	75-135	3	15	
Methyl tert-butyl ether	83.9	5.0	"	70.2	5.5	113	65-125	3	20	
Toluene	388	5.0	"	372	1.7	104	85-120	0.3	20	
Xylenes (total)	394	5.0	"	414	14	92	85-125	4	20	
Gasoline Range Organics (C4-C12)	6140	500	"	4400	1800	99	60-140	4	25	
Surrogate: 1,2-Dichloroethane-d4	2.50	"	"	2.50	"	100	60-135			

Batch 5128034 - EPA 5030B Modified / EPA 8260B

Blank (5128034-BLK1)		Source: MOI0704-01		Prepared & Analyzed: 09/28/05						
Benzene	ND	0.50	ug/l							
tert-Butyl alcohol	ND	20	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	2.76	"	"	2.50		110	60-135			

Laboratory Control Sample (5128034-BS1)

Laboratory Control Sample (5128034-BS1)		Source: MOI0704-01		Prepared: 09/28/05 Analyzed: 09/29/05						
Benzene	5.83	0.50	ug/l	5.16	113	65-115				
tert-Butyl alcohol	164	20	"	143	115	75-150				
Ethanol	177	100	"	141	126	70-135				
Ethylbenzene	7.75	0.50	"	7.54	103	75-135				
Methyl tert-butyl ether	7.12	0.50	"	7.02	101	65-125				
Toluene	38.2	0.50	"	37.2	103	85-130				
Xylenes (total)	47.8	0.50	"	41.4	115	85-125				
Gasoline Range Organics (C4-C12)	528	50	"	440	120	60-140				
Surrogate: 1,2-Dichloroethane-d4	2.48	"	"	2.50		99	60-135			

Sequoia Analytical - Morgan Hill

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Golder Associates Inc. Project: B-N-C Gas Minimart MOI0704
2580 Wyandotte St., Ste. G Project Number: 053-7466 Reported:
Mountain View CA, 94043 Project Manager: Joseph Cotton 10/04/05 08:30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch 5128034 - EPA 5030B Modified / EPA 8260B

Matrix Spike (5128034-MS1)		Source: MOI0553-07		Prepared: 09/28/05 Analyzed: 09/29/05						
Benzene	115	2.5	ug/l	25.8	79	140	65-115			QM01
tert-Butyl alcohol	780	100	"	715	ND	109	75-120			
Ethanol	875	500	"	707	ND	124	70-135			
Ethylbenzene	71.5	2.5	"	37.7	30	110	75-135			
Methyl tert-butyl ether	47.2	2.5	"	35.1	10	106	65-125			
Toluene	187	2.5	"	186	2.6	99	85-120			
Xylenes (total)	233	2.5	"	207	4.4	110	85-125			
Gasoline Range Organics (C4-C12)	6920	250	"	2200	4800	96	60-140			
Surrogate: 1,2-Dichloroethane-d4	2.47	"	"	2.50		99	60-135			

Batch 5128034 - EPA 5030B Modified / EPA 8260B

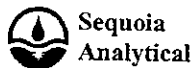
Matrix Spike Dup (5128034-MSD1)		Source: MOI0553-07		Prepared: 09/28/05 Analyzed: 09/29/05						
Benzene	111	2.5	ug/l	25.8	79	124	65-115	4	20	QM01
tert-Butyl alcohol	818	100	"	715	ND	114	75-120	5	25	
Ethanol	876	500	"	707	ND	124	70-135	0.1	35	
Ethylbenzene	69.0	2.5	"	37.7	30	103	75-135	4	15	
Methyl tert-butyl ether	47.8	2.5	"	35.1	10	108	65-125	1	20	
Toluene	182	2.5	"	186	2.6	96	85-120	3	20	
Xylenes (total)	226	2.5	"	207	4.4	107	85-125	3	20	
Gasoline Range Organics (C4-C12)	6690	250	"	2200	4800	86	60-140	3	25	
Surrogate: 1,2-Dichloroethane-d4	2.40	"	"	2.50		96	60-135			

Batch 5129030 - EPA 5030B P/T / EPA 8260B

Blank (5129030-BLK1)		Source: MOI0553-07		Prepared & Analyzed: 09/29/05						
Benzene	ND	0.50	ug/l							
tert-Butyl alcohol	ND	20	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	3.84	"	"	5.00		77	60-135			

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Reported:
10/04/05 08:30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch SI29030 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample (SI29030-BS1)

Prepared & Analyzed: 09/29/05

Benzene	2.52	0.50	ug/l	2.58	98	65-115				
tert-Butyl alcohol	76.6	20	"	71.5	107	75-150				
Ethanol	91.6	100	"	70.7	130	70-135				
Ethylbenzene	3.27	0.50	"	3.77	87	75-135				
Methyl tert-butyl ether	3.21	0.50	"	3.51	91	65-125				
Toluene	18.6	0.50	"	18.6	100	85-120				
Xylenes (total)	19.6	0.50	"	20.7	95	85-125				
Gasoline Range Organics (C4-C12)	231	50	"	220	105	60-140				
Surrogate: 1,2-Dichloroethane-d4	3.97	"	"	5.00	79	60-135				

Matrix Spike (SI29030-MS1)

Source: MOI0625-02

Prepared: 09/29/05 Analyzed: 09/30/05

Benzene	51.3	5.0	ug/l	51.6	ND	99	65-115			
tert-Butyl alcohol	1960	200	"	1430	390	110	75-120			
Ethanol	1710	1000	"	1410	ND	121	70-135			
Ethylbenzene	67.7	5.0	"	75.4	ND	90	75-135			
Methyl tert-butyl ether	260	5.0	"	70.2	190	100	65-125			
Toluene	356	5.0	"	372	ND	96	85-120			
Xylenes (total)	398	5.0	"	414	ND	96	85-125			
Gasoline Range Organics (C4-C12)	5000	500	"	4400	180	110	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.21	"	"	5.00	84	60-135				

Matrix Spike Dup (SI29030-MSD1)

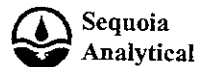
Source: MOI0625-02

Prepared: 09/29/05 Analyzed: 09/30/05

Benzene	49.2	5.0	ug/l	51.6	ND	95	65-115	4	20	
tert-Butyl alcohol	1950	200	"	1430	390	109	75-120	0.5	25	
Ethanol	1730	1000	"	1410	ND	123	70-135	1	35	
Ethylbenzene	61.7	5.0	"	75.4	ND	82	75-135	9	15	
Methyl tert-butyl ether	247	5.0	"	70.2	190	81	65-125	5	20	
Toluene	346	5.0	"	372	ND	93	85-120	3	20	
Xylenes (total)	386	5.0	"	414	ND	93	85-125	3	20	
Gasoline Range Organics (C4-C12)	4760	500	"	4400	180	104	60-140	5	25	
Surrogate: 1,2-Dichloroethane-d4	4.20	"	"	5.00	84	60-135				

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0704
Reported:
10/04/05 08:30

Notes and Definitions

- QM01 The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QC01 The percent recovery was above the control limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Sequoia Analytical - Morgan Hill

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Golder Associates Inc. CHAIN OF CUSTODY

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Page 2 of 2
Quotation No. DK

09/22/2005 13:13

569363015

CONOR PACIFIC

PAGE 04

PROJECT AND PHASE NO.: 0537466		SITE NAME: B.N.C Gas Mini Mart		ANALYSES				EDD required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
SAMPLER(S): R. HARRISON		R. HARRISON		TRH GAS BTEX, MTBE BY EPA 8260 TBA				EDF required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
CONTRACT LABORATORY: Seymour - Morgan Hill		Container Info						Remarks <u>M010704</u>	
TURN-AROUND TIME: Standard		Collection		Type/Vol.		Filter		Cont. Qty.	
Sample I.D.	Lab I.D.	Date	Time	Matrix	Depth	Preserv.	3	3	
CMT2-21	12	9/16/05	1030	water			3	3	6
CMT2-22	12		1128				3	3	6
CMT2-23	12		1225				3	3	6
CMT2-24	15		1325				3	3	6
CMT2-25	16		1430				3	3	6
CMT2-26	17		1520				3	3	6
CMT2-27	18	9/19/05	1155				3	3	6
CMT1-21	19		1243				3	3	6
CMT1-22	20		1355				3	3	6
CMT1-23	21		1452				3	3	6

Received by: (signature) [Signature] Date/Time: 9/20/05 1420

SEND RESULTS TO:
Attn: Joseph Cotton
Golder Associates Inc.
2580 Wyandotte St., Suite G
Mountain View, CA 94043
Phone (650) 386-3828
Fax (650) 386-3815



Golder Associates Inc. CHAIN OF CUSTODY

REVISED

Page 1 of 2
Quotation No. DK

09/22/2005 13:13

569363015

CONOR PACIFIC

PAGE 02

PROJECT AND PHASE NO.: 053-7466 PHASE		SITE NAME: B.N.C GAS MINI MART		ANALYSES				EDD required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
SAMPLER(S): R. HARRISON		C. MURPHY		TRH GAS BTEX, MTBE BY EPA 8260 TBA Ethanol				EDF required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
CONTRACT LABORATORY: Seymour - Morgan Hill		Container Info						Remarks <u>M010704</u>	
TURN-AROUND TIME: Standard		Collection		Type/Vol.		Filter		Cont. Qty.	
Sample I.D.	Lab I.D.	Date	Time	Matrix	Depth	Preserv.	3	3	
MW-1	01	9/15/05	1900	water			3	3	6
MW-2	02		1729				3	3	6
MW-3	03		1626				3	3	6
MW-4	04		1534				3	3	6
MW-5	05		1440				3	3	6
MW-7	07	9/16/05	1143				3	3	6
MW-13	08		1103				3	3	6
D-2	08		1035				3	3	6
CMT1-27	19		1319				3	3	6
CMT2-27	18		1459				3	3	6
CMT4-27	11		1626				3	3	6

Received by: (signature) [Signature] Date/Time: 9/20/05 1420

SEND RESULTS TO:
Attn: JOSEPH COTTON
Golder Associates Inc.
2580 Wyandotte St., Suite G
Mountain View, CA 94043
Phone (650) 386-3828
Fax (650) 386-3815

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: <u>Colder Associates Inc</u>		DATE REC'D AT LAB: <u>9/20/05</u>		For Regulatory Purposes?	
REC. BY (PRINT): <u>JT</u>		TIME REC'D AT LAB: <u>18:20</u>		DRINKING WATER YES/NO <u>(NO)</u>	
WORKORDER: <u>MD10704</u>		DATE LOGGED IN: <u>9/22/05</u>		WASTE WATER YES/NO <u>(NO)</u>	

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID.	CONTAINER DESCRIPTION	PRESERVATIVE	PH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent <input checked="" type="checkbox"/> Present / <input type="checkbox"/> Absent	01	A-F	MW-1	Voa-6	Hcl	-	w/	9/15/05	
	02		-2						
2. Chain-of-Custody Present / Absent*	03		-3						
3. Traffic Reports or Packing List Present / Absent*	04		-4						
	05		-5						
4. Airbill: Airbill / Sticker Present / Absent*	06		-7					9/16/05	
	07		-13						
5. Airbill #: Present / Absent*	09		D-2						
6. Sample Labels: Present / Absent	09		CMT1-27						
7. Sample IDs: Listed / Not Listed	10		CMT3-27						
on Chain-of-Custody	11		CMT4-27						
8. Sample Condition: Intact / Broken* / Leaking*	12		CMT2-27						
	13		-22						
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*	14		-23						
	15		-24						
	16		-25						
10. Sample received within hold time? (Yes) / No*	17		-26						
	18		-27					9/19/05	
11. Adequate sample volume received? (Yes) / No*	19		CMT1-27						
	20		-22						
12. Proper preservatives used? (Yes) / No*	21		-23						
13. Trip Blank / Temp Blank Received? (circle which, if yes)									
Read Temp: <u>5.9°C</u>								9/20/05	
Corrected Temp: <u>5.9°C</u>						JT			
Corrected temp 4 +/- 2°C? (Yes) / No*									
<small>(range for samples requiring thermal pres.)</small> <small>(if any): METALS / DFF ON ICE</small> <small>in COC</small>									

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



Sequoia
Analytical

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5 October, 2005

Joseph Cotton
Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View, CA 94043

RE: B-N-C Gas Minimart
Work Order: MOI0695

Enclosed are the results of analyses for samples received by the laboratory on 09/21/05 18:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Page 1 of 11



Sequoia
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Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
Reported:
10/05/05 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CMT3-Z1	MOI0695-01	Water	09/20/05 08:35	09/21/05 18:10
CMT3-Z2	MOI0695-02	Water	09/20/05 09:42	09/21/05 18:10
CMT3-Z3	MOI0695-03	Water	09/20/05 10:42	09/21/05 18:10
CMT3-Z4	MOI0695-04	Water	09/20/05 12:26	09/21/05 18:10
CMT3-Z5	MOI0695-05	Water	09/20/05 13:20	09/21/05 18:10
CMT3-Z6	MOI0695-06	Water	09/20/05 14:30	09/21/05 18:10
CMT1-Z4	MOI0695-07	Water	09/20/05 15:25	09/21/05 18:10

Sequoia Analytical - Morgan Hill

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Page 2 of 11



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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
Reported:
10/05/05 16:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3-Z1 (MOI0695-01) Water Sampled: 09/20/05 08:35 Received: 09/21/05 18:10									
Benzene	ND	0.50	ug/l	1	5302004	10/02/05	10/02/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	72	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	67	50	"	"	"	"	"	"	HC-11
Surrogate: 1,2-Dichloroethane-d4 92% 60-135									
CMT3-Z2 (MOI0695-02) Water Sampled: 09/20/05 09:42 Received: 09/21/05 18:10									
Benzene	ND	0.50	ug/l	1	5302004	10/02/05	10/02/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	2.1	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 95% 60-135									
CMT3-Z3 (MOI0695-03) Water Sampled: 09/20/05 10:42 Received: 09/21/05 18:10									
Benzene	ND	0.50	ug/l	1	5302004	10/02/05	10/02/05	EPA 8260B	
tert-Butyl alcohol	20	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	1.1	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 100% 60-135									

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
Reported:
10/05/05 16:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT3-Z4 (MOI0695-04) Water Sampled: 09/20/05 12:26 Received: 09/21/05 18:10									
Benzene	ND	0.50	ug/l	1	5301003	10/01/05	10/01/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 102% 60-135									
CMT3-Z5 (MOI0695-05) Water Sampled: 09/20/05 13:20 Received: 09/21/05 18:10									
Benzene	ND	0.50	ug/l	1	5301003	10/01/05	10/01/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 98% 60-135									
CMT3-Z6 (MOI0695-06) Water Sampled: 09/20/05 14:30 Received: 09/21/05 18:10									
Benzene	ND	0.50	ug/l	1	5301003	10/01/05	10/01/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4 100% 60-135									

Sequoia Analytical - Morgan Hill

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Golder Associates Inc.
CHAIN OF CUSTODY REVISED

PROJECT AND PHASE NO.: <u>0537466</u>		SITE NAME: <u>B.N-C Gas Mini Mart</u>		ANALYSES				EDD required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No EDF required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
SAMPLER(S): <u>R. HARRISON</u> <small>(initials)</small>		<u>R. A.</u> <small>(signature)</small>		Container Info: <u>TIN CAN</u>		<u>STERILIZE</u>		<u>BY EPA 8260</u>		
CONTRACT LABORATORY: <u>Sequoia - Morgan Hill</u>		TURN-AROUND TIME: <u>Standard</u>		Type/Vol: <u>N</u>		Filter: <u>HCI</u>		Preserv.: <u>HCI</u>		
Sample I.D.	Lab I.D.	Collection		Matrix	Depth	Type/Vol	Filter	Preserv.	Cont. Qty.	Remarks
		Date	Time							
<u>GMT3-R1</u>	<u>w1</u>	<u>9/20/05</u>	<u>835</u>	<u>water</u>		<u>3</u>	<u>3</u>	<u>X</u>	<u>6</u>	
<u>GMT3-R2</u>	<u>w2</u>		<u>942</u>			<u>3</u>	<u>3</u>	<u>X</u>	<u>6</u>	
<u>GMT3-R3</u>	<u>w3</u>		<u>1042</u>			<u>3</u>	<u>3</u>	<u>X</u>	<u>6</u>	
<u>GMT3-R4</u>	<u>w4</u>		<u>1226</u>			<u>3</u>	<u>3</u>	<u>X</u>	<u>6</u>	
<u>GMT3-R5</u>	<u>w5</u>		<u>1320</u>			<u>3</u>	<u>3</u>	<u>X</u>	<u>6</u>	
<u>GMT3-R6</u>	<u>w6</u>		<u>1430</u>			<u>3</u>	<u>3</u>	<u>X</u>	<u>6</u>	
<u>GMT1-R7</u>	<u>w7</u>		<u>1525</u>			<u>3</u>	<u>3</u>	<u>X</u>	<u>6</u>	

8/9/22/2095 13:13 503863815 CONOR PACIFIC PAGE 03

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MOI0695
Report#: 1005705 1630
Project: B-N-C Gas Mini Mart
Project Number: 03-7466
Project Manager: Joseph Cottum

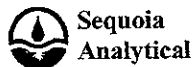
Notes and Definitions

- QM02 The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QM01 The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- HC-11 The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



Sequoia Analytical
2580 Wyandotte St., Ste. G
Mountain View, CA, 94043

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Goldier Associates Inc.
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Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
Reported:
10/05/05 16:30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch SJ02004 - EPA 5030B Modified / EPA 8260B

Matrix Spike Dup (SJ02004-MSD1)		Source: MOI0742-11		Prepared & Analyzed: 10/02/05						
Benzene	630	5.0	ug/l	51.6	590	78	65-115	4	20	
tert-Butyl alcohol	1520	200	"	1430	51	103	75-120	0	25	
Ethanol	1480	1000	"	1410	ND	105	70-135	3	35	
Ethylbenzene	404	5.0	"	75.4	350	72	75-135	9	15	QM02
Methyl tert-butyl ether	177	5.0	"	70.2	120	81	65-125	2	20	
Toluene	443	5.0	"	372	72	100	85-120	3	20	
Xylenes (total)	549	5.0	"	414	200	84	85-125	7	20	QM02
Gasoline Range Organics (C4-C12)	12600	500	"	4400	8000	105	60-140	6	25	
Surrogate: 1,2-Dichloroethane-d4	4.30	"	"	5.00		86	60-135			

Batch SJ03025 - EPA 5030B Modified / EPA 8260B

Blank (SJ03025-BLK1)		Source: MOI0734-07		Prepared & Analyzed: 10/03/05						
Benzene	ND	0.50	ug/l							
tert-Butyl alcohol	ND	20	"							
Ethanol	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.37	"	"	5.00		87	60-135			

Laboratory Control Sample (SJ03025-BS1)

Laboratory Control Sample (SJ03025-BS1)		Source: MOI0734-07		Prepared & Analyzed: 10/03/05						
Benzene	4.98	0.50	ug/l	5.16		97	65-115			
tert-Butyl alcohol	155	20	"	145		108	75-150			
Ethanol	171	100	"	141		121	70-135			
Ethylbenzene	6.62	0.50	"	7.54		88	75-135			
Methyl tert-butyl ether	6.73	0.50	"	7.02		96	65-125			
Toluene	35.7	0.50	"	37.2		96	85-120			
Xylenes (total)	39.6	0.50	"	41.4		96	85-125			
Gasoline Range Organics (C4-C12)	459	50	"	440		104	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.61	"	"	5.00		92	60-135			

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
Reported:
10/05/05 16:30

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

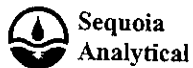
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch SJ03025 - EPA 5030B Modified / EPA 8260B

Matrix Spike (SJ03025-MS1)		Source: MOI0734-07		Prepared: 10/03/05 Analyzed: 10/04/05						
Benzene	281	2.5	ug/l	25.8	250	120	65-115			QM01
tert-Butyl alcohol	871	100	"	715	82	110	75-120			
Ethanol	847	500	"	707	ND	120	70-135			
Ethylbenzene	63.1	2.5	"	37.7	33	80	75-135			
Methyl tert-butyl ether	68.0	2.5	"	35.1	32	103	65-125			
Toluene	189	2.5	"	186	1.6	101	85-120			
Xylenes (total)	236	2.5	"	207	46	92	85-125			
Gasoline Range Organics (C4-C12)	3160	250	"	2200	700	112	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.86	"	"	5.00		97	60-135			
Matrix Spike Dup (SJ03025-MSD1)		Source: MOI0734-07		Prepared: 10/03/05 Analyzed: 10/04/05						
Benzene	276	2.5	ug/l	25.8	250	101	65-115	2	20	
tert-Butyl alcohol	838	100	"	715	82	106	75-120	4	25	
Ethanol	788	500	"	707	ND	111	70-135	7	35	
Ethylbenzene	65.6	2.5	"	37.7	33	86	75-135	4	15	
Methyl tert-butyl ether	66.0	2.5	"	35.1	32	97	65-125	3	20	
Toluene	180	2.5	"	186	1.6	96	85-120	5	20	
Xylenes (total)	236	2.5	"	207	46	92	85-125	0	20	
Gasoline Range Organics (C4-C12)	3000	250	"	2200	700	105	60-140	5	25	
Surrogate: 1,2-Dichloroethane-d4	4.75	"	"	5.00		95	60-135			

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
Reported:
10/05/05 16:30

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

Analyte	Result	Reporting Limit	Unit	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch 5J01003 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample (5J01003-BS2)

Prepared & Analyzed: 10/01/05

Benzene	4.89	0.50	ug/l	5.16	95	65-115				
tert-Butyl alcohol	156	20	"	143	109	75-150				
Ethanol	176	100	"	141	125	70-135				
Ethylbenzene	6.55	0.50	"	7.54	87	75-135				
Methyl tert-butyl ether	6.72	0.50	"	7.02	96	65-125				
Toluene	35.1	0.50	"	37.2	94	85-120				
Xylenes (total)	41.1	0.50	"	41.4	99	85-125				
Gasoline Range Organics (C4-C12)	471	50	"	440	107	60-140				
Surrogate: 1,2-Dichloroethane-d4	5.07	"	"	5.00	100	60-135				

Matrix Spike (5J01003-MS1)

Source: MOI0742-06RE1

Prepared & Analyzed: 10/01/05

Benzene	48.1	5.0	ug/l	51.6	2.6	88	65-115			
tert-Butyl alcohol	1510	200	"	1430	ND	106	75-120			
Ethanol	1720	1000	"	1410	ND	122	70-135			
Ethylbenzene	63.0	5.0	"	75.4	ND	84	75-135			
Methyl tert-butyl ether	72.1	5.0	"	70.2	3.2	98	65-125			
Toluene	349	5.0	"	372	1.2	93	85-120			
Xylenes (total)	392	5.0	"	414	ND	95	85-125			
Gasoline Range Organics (C4-C12)	7010	500	"	4400	2600	100	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.00	"	"	5.00		100	60-135			

Matrix Spike Dup (5J01003-MSD1)

Source: MOI0742-06RE1

Prepared: 10/01/05 Analyzed: 10/02/05

Benzene	50.9	5.0	ug/l	51.6	2.6	94	65-115	6	20	
tert-Butyl alcohol	1520	200	"	1430	ND	106	75-120	0.7	25	
Ethanol	1680	1000	"	1410	ND	119	70-135	2	35	
Ethylbenzene	63.7	5.0	"	75.4	ND	84	75-135	1	15	
Methyl tert-butyl ether	72.5	5.0	"	70.2	3.2	99	65-125	0.6	20	
Toluene	360	5.0	"	372	1.2	96	85-120	3	20	
Xylenes (total)	381	5.0	"	414	ND	92	85-125	3	20	
Gasoline Range Organics (C4-C12)	7320	500	"	4400	2600	107	60-140	4	25	
Surrogate: 1,2-Dichloroethane-d4	4.88	"	"	5.00		98	60-135			

Sequoia Analytical - Morgan Hill

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Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
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10/05/05 16:30

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

Analyte	Result	Reporting Limit	Unit	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch 5J02004 - EPA 5030B Modified / EPA 8260B

Blank (5J02004-BLK1)

Prepared & Analyzed: 10/02/05

Benzene	ND	0.50	ug/l							
tert-Butyl alcohol	ND	20	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.74	"	"	5.00	95	60-135				

Laboratory Control Sample (5J02004-BS1)

Prepared & Analyzed: 10/02/05

Benzene	4.91	0.50	ug/l	5.16	95	65-115				
tert-Butyl alcohol	150	20	"	143	105	75-150				
Ethanol	174	100	"	141	123	70-135				
Ethylbenzene	6.35	0.50	"	7.54	84	75-135				
Methyl tert-butyl ether	7.10	0.50	"	7.02	101	65-125				
Toluene	35.0	0.50	"	37.2	94	85-120				
Xylenes (total)	38.5	0.50	"	41.4	93	85-125				
Gasoline Range Organics (C4-C12)	474	50	"	440	108	60-140				
Surrogate: 1,2-Dichloroethane-d4	4.80	"	"	5.00	96	60-135				

Matrix Spike (5J02004-MS1)

Source: MOI0742-11

Prepared & Analyzed: 10/02/05

Benzene	689	5.0	ug/l	51.6	590	134	65-115			QM01
tert-Butyl alcohol	1520	200	"	1430	51	103	75-120			
Ethanol	1430	1000	"	1410	ND	101	70-135			
Ethylbenzene	441	5.0	"	75.4	350	121	75-135			
Methyl tert-butyl ether	180	5.0	"	70.2	120	85	65-125			
Toluene	456	5.0	"	372	72	103	85-120			
Xylenes (total)	587	5.0	"	414	200	93	85-125			
Gasoline Range Organics (C4-C12)	13400	500	"	4400	8000	123	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.58	"	"	5.00	92	60-135				

Sequoia Analytical - Morgan Hill

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Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
Reported:
10/05/05 16:30

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CMT1-Z4 (MOI0695-07) Water Sampled: 09/20/05 15:25 Received: 09/21/05 18:10									
Benzene	ND	0.50	ug/l	1	5303025	10/03/05	10/04/05	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		84%		60-135					

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



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Golder Associates Inc.
2580 Wyandotte St., Ste. G
Mountain View CA, 94043

Project: B-N-C Gas Minimart
Project Number: 053-7466
Project Manager: Joseph Cotton

MOI0695
Reported:
10/05/05 16:30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch SJ01003 - EPA 5030B P/T / EPA 8260B										
Blank (SJ01003-BLK1) Prepared & Analyzed: 10/01/05										
Benzene	ND	0.50	ug/l							
tert-Butyl alcohol	ND	20	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.62			5.00		92	60-135			
Blank (SJ01003-BLK2) Prepared & Analyzed: 10/01/05										
Benzene	ND	0.50	ug/l							
tert-Butyl alcohol	ND	20	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.75			5.00		95	60-135			
Laboratory Control Sample (SJ01003-BS1) Prepared & Analyzed: 10/01/05										
Benzene	5.04	0.50	ug/l	5.16		98	65-115			
tert-Butyl alcohol	149	20	"	143		104	75-150			
Ethanol	167	100	"	141		118	70-135			
Ethylbenzene	6.47	0.50	"	7.54		86	75-135			
Methyl tert-butyl ether	7.05	0.50	"	7.02		100	65-125			
Toluene	38.2	0.50	"	37.2		103	85-120			
Xylenes (total)	39.7	0.50	"	41.4		96	85-125			
Gasoline Range Organics (C4-C12)	507	50	"	440		115	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.60			5.00		92	60-135			

Sequoia Analytical - Morgan Hill

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SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Golden Associates DATE REC'D AT LAB: 9/21/05
 REC. BY (PRINT): E. Fallon TIME REC'D AT LAB: 1:10
 WORKORDER: MO16L95 DATE LOGGED IN: 9-22-05

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID.	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*	<input checked="" type="checkbox"/> Present	101	A-F	CMT3-21	Voa (6)	HCl	-	L	9/20/05	
2. Chain-of-Custody Present / Absent*	<input checked="" type="checkbox"/> Present	22		22						
3. Traffic Reports or Packing List Present / Absent	<input checked="" type="checkbox"/> Present	23		23						
4. Airbill: Airbill / Sticker Present / Absent	<input checked="" type="checkbox"/> Present	24		24						
5. Airbill #: Present / Absent	<input checked="" type="checkbox"/> Present	25		25						
6. Sample Labels: Present / Absent	<input checked="" type="checkbox"/> Present	26		26						
7. Sample IDs: Listed / Not Listed on Chain-of-Custody	<input checked="" type="checkbox"/> Listed	27		27						
8. Sample Condition: Intact / Broken* / Leaking*	<input checked="" type="checkbox"/> Intact	28		28						
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*	<input checked="" type="checkbox"/> Yes									
10. Sample received within hold time? Yes / No*	<input checked="" type="checkbox"/> Yes									
11. Adequate sample volume received? Yes / No*	<input checked="" type="checkbox"/> Yes									
12. Proper preservatives used? Yes / No*	<input checked="" type="checkbox"/> Yes									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*	<input checked="" type="checkbox"/> Yes									
14. Read Temp: <u>4.5°C</u> Corrected Temp: <u>4.8°C</u> corrected temp 4 +/- 2°C? <input checked="" type="checkbox"/> Yes / No** <small>(range for samples requiring thermal pres.)</small> (if any): METALS / OFF OK ICE COC	<input checked="" type="checkbox"/> Yes									

BBF 9/21/05

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

APPENDIX C

Historical Groundwater Elevations and Analytical Results

Table with 21 columns: Well Number, Zone, Top of Casing Elevation (feet, MSL), Date Measured, Depth to Water (feet), Ground-water Elevation (feet, MSL), Depth to Free Product (feet), Product Thickness (feet), TPH-G, Benzene, Toluene, Ethyl-benzene, Xylenes, MTBE, EDH, BDC, DIPB, Ethanol, ETDB, TAMR, TBA, m,p-Xylene, o-Xylene. Includes data for wells MW-2 and MW-3, and a footer 'historical table thru 3q05-rev.xls' and 'Golder Associates Inc.' with page number 3.

Table with 21 columns: Well Number, Zone, Top of Casing Elevation (feet, MSL), Date Measured, Depth to Water (feet), Ground-water Elevation (feet, MSL), Depth to Free Product (feet), Product Thickness (feet), TPH-G, Benzene, Toluene, Ethyl-benzene, Xylenes, MTBE, EDH, BDC, DIPB, Ethanol, ETDB, TAMR, TBA, m,p-Xylene, o-Xylene. Includes data for wells MW-3 and MW-4, and a footer 'historical table thru 3q05-rev.xls' and 'Golder Associates Inc.' with page number 4.

Well Number	Zone	Top of Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Ground-water Elevation (feet, MSL)	Depth to Free Product (feet)	Product Thickness (feet)	TPH-G	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBB	BDB	EDC	DIFE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene																							
																							MW-7		03/21/00	25.18	453.26			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
																							MW-7		03/23/00	NA	NA			624	<0.5	<0.5	<0.5	1.61	3.87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8		06/24/99	NA	NA			<50	<0.5	<0.5	<0.5	<0.5	88.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA																						

historical table thru 3q05-rev.xls

Golder Associates Inc.

Well Number	Zone	Top of Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Ground-water Elevation (feet, MSL)	Depth to Free Product (feet)	Product Thickness (feet)	TPH-G	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBB	BDB	EDC	DIFE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene																								
																							MW-8		06/22/00	NA	NA			<30	<0.5	<0.5	<0.5	<0.5	5.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
																							MW-9		06/24/99	NA	NA			<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9		11/24/03	36.03	441.05			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA																							

historical table thru 3q05-rev.xls

Golder Associates Inc.

Well Number	Zone	Top of Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Ground-water Elevation (feet, MSL)	Depth to Free Product (feet)	Product Thickness (feet)	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
Hydropunch Samples																						
G-1		NA	08/11/95	NA	NA	NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-1		NA	10/11/95	NA	NA	NA	NA	380	61	0.8	<0.5	1.50	80	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-2		NA	10/11/95	NA	NA	NA	NA	14	2.50	<0.5	<0.5	<0.5	9.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-3		NA	10/11/95	NA	NA	NA	NA	92,000	11,000	18,000	2,700	11,000	18,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-4		NA	10/11/95	NA	NA	NA	NA	8,000	46	24	8	28	150	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-01		NA	08/11/95	NA	NA	NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-01		NA	09/13/95	NA	NA	NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-02		NA	08/14/95	NA	NA	NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-03		NA	08/11/95	NA	NA	NA	NA	<50	10	<0.5	<0.5	<0.5	26	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-04		NA	08/14/95	NA	NA	NA	NA	<50	9.2	<0.5	<0.5	<0.5	4.8	29	NA	NA	NA	NA	NA	NA	NA	NA
H-05		NA	08/11/95	NA	NA	NA	NA	<50	1,300	270	43	350	14,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-05		NA	08/16/95	NA	NA	NA	NA	<50	340	<0.5	<0.5	80	4,800	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-06		NA	08/14/95	NA	NA	NA	NA	<50	7,700	1,100	120	800	67,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-07		NA	08/11/95	NA	NA	NA	NA	<50	3,200	820	740	1,900	14,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-07		NA	09/13/95	NA	NA	NA	NA	<50	2,800	77	280	510	11,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-08		NA	08/11/95	NA	NA	NA	NA	<50	3,000	89	140	230	15,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-08		NA	09/13/95	NA	NA	NA	NA	<50	2,200	61	42	120	8,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-09		NA	08/14/95	NA	NA	NA	NA	<50	<0.5	<0.5	<0.5	0.8	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-09		NA	08/16/95	NA	NA	NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-10		NA	08/14/95	NA	NA	NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-11		NA	08/14/95	NA	NA	NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-4		NA	01/08/95	NA	NA	NA	NA	<50	57	33	9.4	42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H-5		NA	03/08/95	NA	NA	NA	NA	<50	22	24	8	42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B97-1		NA	09/08/97	NA	NA	NA	NA	<50	1.2	<0.50	<0.50	<0.50	60	<0.01	<0.50	NA	NA	NA	NA	NA	NA	NA
B97-2		NA	09/09/97	NA	NA	NA	NA	51	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
B97-3		NA	09/09/97	NA	NA	NA	NA	58	<0.50	<0.50	<0.50	<0.50	46	<0.01	<0.50	NA	NA	NA	NA	NA	NA	NA
B97-4		NA	09/10/97	NA	NA	NA	NA	340	<0.50	0.68	<0.50	<0.50	470	NA	NA	NA	NA	NA	NA	NA	NA	NA
B97-5		NA	09/10/97	NA	NA	NA	NA	<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

historical table thru 3q05-rev.xls

Well Number	Zone	Top of Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Ground-water Elevation (feet, MSL)	Depth to Free Product (feet)	Product Thickness (feet)	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	DIPE	Ethanol	ETBE	TAME	TBA	m,p-Xylene	o-Xylene
MS - Mill Springs Park																						
NA = not analyzed																						
NS = not sampled																						
NR = The analytical results for the sample collected from well (MS)MW-1 in June 2003 may not be representative due to unusual post-sample handling procedures.																						
* = well inoperable; Well MW-4 not sampled due to an obstruction at approximately 38 ft below top of casing																						
** = free product hydrocarbon present																						
*** = analytical result from EPA method 8260H																						
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																						

historical table thru 3q05-rev.xls