FIRST QUARTER 2000 GROUNDWATER MONITORING RESULTS B&C Gas Mini Mart Livermore, California

Prepared by

Conor Pacific/EFW 2650 East Bayshore Road Palo Alto, California 94303

March 2000

Project BNC 103

Conor Pacific



PROTECTION

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Transmittal

To:

Ms. Eva Chu

Hazardous Materials Specialist

Alameda County Environmental

Health Services

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

From: Katrin Schliewen

Date:

May 4, 2000

Proj. No.: BNC 103

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1	First Quarter 2000 Groundwater Monitoring Results, B&C Gas Mini Mart, Livermore, California	□ Regular Mail □ FedEx □ Courier □ Other

Comments:

cc:

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2	Mr. Balaji Angle, Angle's AM-PM Mini Mart	🛛 Regular Mail
1	Ms. Eva Chu, Alameda County Env. Health Services	☐ FedEx
1	Mr. Matt Katen, Alameda County Zone 7	Courier
1	Regional Water Quality Control Board, LUFT	☐ Other



May 3, 2000 Project No. BNC103

Mr. Balaji Angle Angle Enterprises 5131 Shattuck Avenue Oakland, California 94609

Re: First Quarter 2000 Groundwater Monitoring Results, B&C Gas Mini Mart,

2008 First Street, Livermore, California (Station ID 1689)

Dear Mr. Angle:

Conor Pacific/EFW has compiled first quarter 2000 groundwater monitoring results for B&C Gas Mini Mart (B&C), 2008 First Street, Livermore, California (Figure 1). This report includes first quarter 2000 groundwater elevation data, groundwater sampling methods, and results of groundwater chemical analyses. All site wells and off-site wells, with one exception, were sampled during the first quarter 2000 monitoring.

SITE INFORMATION

Site Name & Contact

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

Site Description

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

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

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

Subsurface work conducted in the B&C area has found predominantly sandy clay, silty sand, silty gravel, and sandy gravel. Over the last eleven years, static water levels have ranged from 68.7 feet bgs (January 1992) to 17.0 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. Table 1 presents historical site groundwater elevations.² Table 2 summarizes all B&C monitoring well constructions.

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).³

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.⁴ 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. Other remedial activities included the removal of two hydraulic lifts and approximately 700 cubic yards of impacted soil. Also, one 1,000-gallon UST discovered during excavation activities was closed in place with approval from ACEHS and the Livermore Fire Department by grouting with a cement sand slurry. In October 1995, two additional monitoring wells (off-site well MW-5 and well MW-6) were installed for the B&C site (Figure 2).

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

² Groundwater elevation and flow direction data from Remediation Service Int'l quarterly reports.

³ Remediation Service Int'l. Soil & Groundwater Investigation Report for 2008 First Street, Livermore, California. July 22, 1994.

⁴ Product thickness information from Remediation Service, Int'l field records, "Free Product Removal Logs."

Nine new 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 lateral extent of the plume and provide long-term monitoring locations (Figure 2).⁵ 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.

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 generally decreased.

Interim Remedial Action at Well MW-5

Floating product was first observed in well MW-5 on July 30, 1998 (Table 1). The well is screened from 15 feet to 40 feet bgs, and the depth to groundwater has historically ranged from 18 to 33 feet bgs, well within the screened interval of the well. Due to the presence of floating free product in well MW-5, interim remedial actions were taken to remove the floating product from the well. A passive bailer or absorbent sock was selected to remove product from well MW-5 based on well access, the thickness of the product, and the rate at which the product enters the well as it is removed.

Over the time period monitored, the absorbent socks have removed sufficient product to reduce the free product thickness to a sheen or less. In April 1999, the absorbent sock was raised above the water table. In December 1999, 0.07 feet of free product was measured in well MW-5 and the absorbent sock was replaced in the well. In March 2000, no free product was measured or visible in the well. The absorbent sock was removed from the water and the well was sampled.

GROUNDWATER SAMPLING AND ANALYSIS

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

Free Product

During the first quarter 2000 sampling event, Conor Pacific/EFW checked for free product in all site wells. Of the wells which previously have been reported to contain free product (Wells MW-2, MW-5, and MW-6), none contained a measurable thickness of product this quarter. Off-site well (MS)MW-1, located approximately 800 feet downgradient from the B&C site on the Mill Springs Park property, was also checked for product (Figure 1). (MS)MW-1 did not contain a measurable thickness of product

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

although globules of product were observed in the bailer during the 3rd and 4th bails. No sample was collected from (MS)MW-1 during this quarter.

Groundwater Elevations

On March 21, 2000, Conor Pacific/EFW measured the depth to water in all groundwater monitoring wells. Water levels were measured to the nearest 0.01 foot using a float-activated product probe, according to Conor Pacific/EFW's standard measuring protocol, 6 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).

Table 1 summarizes available groundwater elevations from August 1990 to March 2000. A comparison of well screen elevations (Table 2) and fourth quarter measurements shows that the water levels were above the well screens in all wells except MW-9. The water level in MW-9 intercepted the well screen interval at the time of groundwater sampling. A groundwater contour map, based on March 2000 measurements, is shown in Figure 2. First quarter groundwater elevations are generally nine feet higher than the fourth quarter 2000. Groundwater flow was generally due west during first quarter 2000. Based on first quarter measurements, the hydraulic gradient is approximately 0.0102 foot per foot. The flow direction and gradient are in accordance with previous results.

A greater, potentially downward, vertical gradient was observed between the upper water-bearing zone (MW-11 and MW-12) and the semi-confined aquifer (D-1 and D-2), than in previous quarters. This may be the result of the effects of slower recharge to the deeper, semi-confined aquifer compared with more rapid recharge to the upper water-bearing zone.

Sampling Methods

Conor Pacific/EFW sampled 15 monitoring wells between March 21 and March 23, 2000, following EFW's standard protocol. Only off-site well (MS)MW-1 was not sampled due to the presence of free product globules observed during well purging. Wells were purged using either a submersible pump or a polyvinyl chloride (PVC) bailer. Samples were collected from each well using a disposable PVC bailer. Field measurements of temperature, pH, dissolved oxygen, turbidity, and electrical conductivity were taken and recorded on water sample field data sheets (Appendix A). All purge water was contained in 55-gallon drums and stored on-site pending proper disposal. Purge water with low hydrocarbon concentrations is pumped to the sanitary sewer under City of Livermore Groundwater Discharge Permit # 1514. All samples were properly stored on the day of sampling. Chain-of-custody documentation accompanied the samples through collection and delivery to the analytical laboratory.

⁶ Einarson, Fowler & Watson. Third Quarter 1998 Groundwater Monitoring Results, B&C Gas Mini Mart, Livermore, California, Appendix A. September 10, 1998.

Analytical Program

All groundwater analyses were performed by Sequoia Analytical of Petaluma, California, a state-certified laboratory. All groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) by U.S. Environmental Protection Agency (EPA) Method 8015M and benzene, toluene, ethylbenzene, and xylenes (BTEX) and Methyl tertiary-butyl ether (MTBE) by EPA Method 8020M. Laboratory analyses occurred within specified holding times and within laboratory quality control standards. The certified analytical report is located in Appendix A.

Analytical Results

Over the last five years of monitoring at the site, concentrations of benzene have steadily decreased in all site wells. Analysis of site groundwater samples for MTBE began in June 1995. Since then, concentrations of MTBE have decreased significantly. Table 3 presents a historical summary of groundwater analytical results from the B&C site. First quarter 2000 analytical results for benzene and MTBE are also presented on Figure 3.

Site Wells

All five wells located on the B&C Gas Mini Mart property were sampled during the first quarter 2000. Hydrocarbon concentrations in all wells were lower during this quarter, with the exception of MW-3 where the concentration of total xylenes (7.45 μ g/L) was slightly higher than in June 1999, and MW-6 where TPH-G (10,100 μ g/L), benzene (276 μ g/L), and total xylenes (673 μ g/L) were somewhat higher than in June 1999.

Downgradient Wells

In general, hydrocarbon concentrations in all downgradient wells were significantly lower during the first quarter 2000 sampling event compared to the previous sampling event, with the notable exception of TPH-G in MW-10.

Well MW-5, located 75 feet downgradient of the site, was sampled this quarter since no free product was measured in the well. All hydrocarbon concentrations were lower than in September 1999, that last time this well was sampled.

Well MW-7, located on the Mill Springs Park Apartments property approximately 550 feet downgradient from the site, had lower hydrocarbon concentrations during this quarter. The ethylbenzene concentration was below the reporting limit ($<2.5 \mu g/L$) for the first time since sampling began in July 1999.

Well MW-8, located on Railroad Avenue at the Bank of America building contained only a low concentration of MTBE $(4.65 \mu g/L)$ during this quarter.

Well MW-10, located on Railroad Avenue at the Granada Bowling Alley building, contained only TPH-G at a concentration of 52.7 μ g/L. TPH-G was detected for the first time since sampling began in June 1999. MTBE was again below the reporting limit

($<2.5 \mu g/L$) during this quarter after being detected for the first time during the fourth quarter 1999 sampling event.

Well MW-13, located on Railroad Avenue at the southwest corner of the City's vacant property, contained low concentrations only of benzene (2.32 μ g/L) and MTBE (53.5 μ g/L). TPH-G and ethylbenzene, detected during the fourth quarter 1999, were not detected during this quarter.

Well (MS)MW-1, located approximately 800 feet downgradient from the B&C site, was not sampled during the first quarter 2000 since globules of free product were observed in the PVC bailer during well purging.

No TPH-G, BTEX, or MTBE were detected in downgradient wells MW-9, MW-11, MW-12, D-1, and D-2. These results are consistent with results from the fourth quarter sampling event for these wells (December 1999). Previously, low hydrocarbon concentrations in well MW-11 were attributed to the Beacon Gasoline Station located at the intersection of P and First Streets (Conor Pacific/EFW, November 1999).

REVISION TO SAMPLING PLAN

The monitoring program is revised following one year of quarterly sampling of the wells installed in July 1999 (MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, D-1, and D-2), as recommended in the well installation report. Wells MW-7, MW-8, MW-10, and MW-13 will be sampled on a quarterly basis, because groundwater samples from these wells have had detectable hydrocarbon concentrations during the past year. Wells MW-12 and D-2 will be sampled on a quarterly basis to provide frequent monitoring downgradient of the hydrocarbon plume. Wells MW-9, MW-11, and D-1 will be sampled annually because hydrocarbons have not been detected in these wells during the last three sampling events. Hydrocarbon concentrations appear to be highest during the spring and summer, when water levels are low. Therefore, annual monitoring will occur during the third quarter sampling event. Annual monitoring of site wells (MW-1, 3, 4, and 6) will also be sampled during third quarter. Wells MW-2, MW-5, and (MS)MW-1 will continue to be sampled quarterly.

SUMMARY

The first quarter 2000 groundwater monitoring results are consistent with previous monitoring results. It should be noted that hydrocarbon concentrations were generally significantly lower during this quarter than measured in the previous two quarters. These lower concentrations may be the result of seasonally high groundwater levels that effectively dilute the concentrations of hydrocarbons detected. The most significant results from this quarter sampling event are that TPH-G was detected for the first time in well MW-10, the furthest detection of THP-G downgradient from the site, and that

⁷ Conor Pacific/EFW. Report of Downgradient Investigation, B&C Gas Mini Mart, Livermore, California. November 5, 1999.

MTBE was not detected in MW-10 during this quarter. Second quarter 2000 groundwater monitoring is currently scheduled for June 2000.

If you have any questions regarding this report, please call us at (650) 843-3828.

Sincerely,

Conor Pacific/EFW

KRIS H. JOHNSON \

CERTIFIED

OF CAL

Project Hydrogeologist

Katrin Schliewen & 604

KRis H. Johnson

Senior Engineering Geologist

C.E.G. 1763

Attachments:

Tables

Table 1 - Summary of Groundwater Elevations

Table 2 - Monitoring Well Constructions

Table 3 - Historical Groundwater Analytical Results

Figures

Figure 1 - Site Location

Figure 2 - Well Locations and Groundwater Contours (March 2000)

Figure 3 - Groundwater Chemistry (March 2000)

<u>Appendices</u>

Appendix A - Water Sample Field Data Sheets and Certified Analytical Reports

cc: Eva Chu, Alameda County Environmental Health Services
Mr. Matt Katen, Alameda Co. Flood Control and Water Cons. District Zone 7
Regional Water Quality Control Board, San Francisco Bay Region LUFT
State Water Resources Control board, UST Fund

Table 1
Summary of Groundwater Elevations
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-1	487.00	09/22/88	60.50	426.50		
		08/02/90	43.10	443.90		
		10/10/91	66.39	420.61		
		01/08/92	68.72	418.28		
		05/11/93	34.76	452.24		
		09/21/93	38.70	448.30		
		05/22/94	33.57	453.43		
	484.07	06/19/94	37.51	446.56		
		08/25/94	43.27	440.80		
		11/22/94	40.58	443.49		
		03/13/95	28.06	456.01		
		06/01/95	21.76	462.31		
		02/29/96	18.86	465.21		
		Feb-97	NM	NM		
		07/30/98	25.90	458.17		
		11/05/98	33.23	450.84		
		03/23/99	25.49	458.58		
		06/08/99	27.78	456.29		
		09/27/99	30.65	453.42		
		12/20/99	32,99	451.08		
		03/21/00	23.95	460.12		
			······································			
MW-2	483.86	06/19/94	38.15	445.71	42.47	0.77
		. 08/25/94	44.13	-	43.47	0.66
		11/22/94	40.96	•	40.92	0,04
		03/09/95	29.28	-	28.47	0.81
		03/13/95	28.71	461.05	28.29	0.42
		06/01/95	22.61	461.25		
		02/29/96	20.05	463.81		
		Feb-97	18.30	465.56	25 74	0.01
		07/30/98	25.75	450.55	25.74	0.01
		11/05/98	33.31	450.55		
		03/23/99	25.51	458.35		
		06/08/99	27.54	456.32		
		09/27/99	30.73	453.13		
		12/20/99 03/21/00	33.02 24.13	450.84 459.73		
		· · · · · ·				
MW-3	484.24	06/19/94	37.15	447.09		
		08/25/94	42.31	441.93		
		11/22/94	40.07	444.17		
		03/13/95	27.94	456.30		
		06/01/95	21.31	462.93		
		02/29/96	18.78	465 46		
		Feb-97	16.97	467.27		
		07/30/98	24 88	459.36		
		11/05/98	32.09	452.15		
		03/23/99	24.49	459.75		
		06/08/99	26.77	457.47		
		09/2 7 /99 12/20/99	29.52 31.85	454.72 452.39		

Table 1
Summary of Groundwater Elevations
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-4	485.04	06/19/94	37.49	447.55		
		08/25/94	42.25	442.79		
		11/22/94	40.59	444.45		
		03/13/95	28.00	457.04		
		06/01/95	21.51	463.53		
		02/29/96	18.42	466.62		
		Feb-97	17.47	467.57		
		07/30/98	25.47	459.57		
		11/05/98	32.67	452,37		
		03/23/99	25.09	459.95		
		06/08/99	27.43	457.61		
		09/27/99	30.16	454.88		
		12/20/99	32.52	452.52		
		03/21/00	23.43	461.61		
MW-5	481.97	02/29/96	19.35	462.62		
		Feb-97	18.19	463.78		
		07/30/98	25.25	456.72	25.24	0.01
		11/05/98	32.70	449.27	32.48	0.22
		03/23/99	25 15	456.82		
		06/08/99	27.27	454.70		
		09/27/99	30.00	451.97		
		12/20/99	32.30	449.67	32.23	0.07
		03/21/00	23.55	458.42		<u></u>
MW-6	483.93	02/29/96	20.32	463.61		
		Feb-97	18.92	465.01		
		07/30/98	25.59	458.34	25.58	0.01
		11/05/98	. NA	NA		
		03/23/99	25.43	458.50		
		06/08/99	27.43	456.50		
		09/27/99	NM >28.6	NM		
		12/20/99	NM >28.7	NM		
		03/21/00	24.02 *	459.91		
MW-7	478.14	7/12/99	28.37	449.77		
		09/27/99	30.20	447.94		
		12/20/99	32.44	445.70		
		03/21/00	24.18	453.96		
MW-8	473.23	7/12/99	34.29	438.94		
		09/27/99	37.11	436.12		
		12/20/99	39.79	433 44		
		03/21/00	29.10	444.13		
MW-9	477 08	7/12/99	30.71	446.37		
141 41 -N	-111 00	09/27/99	32.61	444.47		
		12/20/99	34.99	442.09		
		03/21/00	26.75	450.33		
MW 10	471.42	7/12/99	34.60	436.82		
MW-10	7/1,44	09/27/99	37.62	433.80		
		12/20/99	40.04	431 38		
		03/21/00	29.50	441.92	-	
MW 11	464 93	7/12/99	31.00	433.93		······································
MW-11	404 73	09/27/99	33.83	431.10		
		12/20/99	35.91	429.02		
		03/21/00	33.71	438.52		

Table 1
Summary of Groundwater Elevations
B & C Gas Mini Mart
Livermore, California

Well Number	Top-of-Casing Elevation (feet, MSL)	Date Measured	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Depth to Free product (feet)	Product Thickness (feet)
MW-12	458.34	7/12/99	25.50	432.84		
		09/27/99	28.28	430.06		
		12/20/99	30.26	428.08		
		03/21/00	20.70	437.64		
MW-13	474.79	7/12/99	30.65	444.14		
		09/27/99	32.74	442.05		
		12/20/99	34.98	439.81		
		03/21/00	26.03	448.76		
D-1	464.70	7/12/99	30.67	434.03		
		09/27/99	35.32	429.38		
		12/20/99	36.32	428.38		
		03/21/00	27.84	436.86		
D-2	457.61	7/12/99	25.72	431.89		
		09/27/99	28.44	429.17		
		12/20/99	29.40	428,21		
		03/21/00	20.91	436.70		
(MS)MW-1	477.79	07/30/98	30.37	447.42	30.35	0.02
		11/05/98	38.01	439.78	(1)	
		03/23/99	29.44	448.35	(1)	
		06/08/99	31.70	446.09	(1)	
		09/27/99	34.38	443.41		
		12/20/99	37.36	440.43		
		03/21/00	28.22	449.57		

Notes

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

MSL = mean sea level

NM = not measured; NA = not accessible, blocket at 28.4 feet.

MS = Mill Springs Park

^{*} Obstruction in well at 28.7 feet below top of casing

^{(1) -} free product visible in purge or sample water

Table 2
Monitoring Well Constructions
B&C Gas Mini Mart
Livermore, California

Well No.	Drilling Method	Date Installed	T.D. Boring (ftbgs)	T.D. Well (ftbgs)	Borehole Diameter (inches)	Casing Material (PVC)	Casing Diameter (inches)	Screen Size (inches)	Sand Pack Material	Screened Interval (ftbgs)	Sand Pack Interval (ftbgs)
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	HAS	Apr-89	62	60	NA	PVC	2	NA	NA	30-60	NA

HSA

Hollow-Stem Auger

T.D.

Total Depth

ft.-bgs

feet below ground surface

NΑ

Not available

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

\BNC\103\Corres\1q00.xls[WELLCON] CONOR PACIFIC/EFW

Table 3
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well	Sample	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
No.	Date	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
MW-1	Aug-90	24,000	1,300	1,300	400	2,700	NA
	Oct-91	2,000	430	170	100	290	NA
	Jan-92	1,000	200	120	30	150	NA
	May-93	960	66	8	41	90	NA
	Sep-93	1,900	311	118	34	112	NA
	May-94	10,000	690	1,100	340	1,200	NA
	Aug-94	13,000	290	690	120	670	NA
	Nov-94	19,000	400	770	230	130	NA
	Mar-95	6,000	900	100	980	740	NA
	Jun-95	2,400	210	380	53	280	13,000
	Sep-95	7,800	69	1,300	220	1,200	2,000
	Feb-96	120	4.2	1.4	4.7	5.6	14
	Feb-97	NS*	NS*	NS*	NS*	NS*	NS*
	Jul-98	1,400	26	110	57	243	5
	Nov-98	6,000	230	330	240	1,060	<100
	Mar-99	6,600	280	420	240	990	60
	Jun-99	1,630	70	52	55	138	67
	Dec-99	NS	NS	NS	NS	NS	NS
	Mar-00	300	17.6	14,2	9.89	40.7	7.84
MW-2	Jun-94	290,000	18,000	36,000	4,600	26,000	NA
	Aug-94	NS**	NS**	NS**	NS**	NS**	NA
	Nov-94	NS**	NS**	NS**	NS**	NS**	NA
	Mar-95	NS**	NS**	NS**	NS**	NS**	NA
	Jun-95	25,000	2,300	3,400	720	3,100	16,000
	Sep-95	NS**	NS**	NS**	NS**	NS**	NS**
	Feb-96	57,000	2,500	650	3,700	3,100	6,500
	Feb-97	20,000	860	1,500	480	1,000	1,300
	Jul-98	NS**	NS**	NS**	NS**	NS**	NS**
	Nov-98	40,000	2,400	2,500	2,100	7,200	1,200
	Mar-99	22,000	780	880	780	1,730	300
	Jun-99	11,200	352	454	540	639	343
	Sep-99	18,000	992	331	901	2,140	225
	Dec-99	19,200	1,340	818	1,050	2,130	579
	Mar-00	6,340	281	184	233	348	90.2
MW-3	Jun-94	11,000	640	580	270	790	NA
	Aug-94	41,000	1,600	2,300	330	1,800	NA
	Nov-94	18,000	8,000	10,000	900	5,000	NA
	Mar-95	44,000	1,600	1,300	5,000	6,600	NA
	Jun-95	15,000	600	1,900	490	2,600	4,200
	Sep-95	8,000	710	1,100	180	870	2,700
	Feb-96	13,000	260	200	200	1,100	1,500
	Feb-97	11,000	260	550	170	600	900
	Jul-98	25,000	330	1,200	490	1,860	300
	Nov-98	26,000	400	2,100	820	3,600	·300
	Mar-99	6,900	100	160	110	265	220
	Jun-99	1,210	5.4	9.0	6.9	4.3	53.3
	Dec-99	NS	NS	NS	NS	NS	NS

Table 3
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well	Sample	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
No.	Date	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/1)
MW-4	Jun-94	810	12	25	<0.5	22	NA
	Aug-94	850	37	51	9.5	35	NA
	Nov-94	1,700	110	110	5.8	58	NA
	Mar-95	1,300	180	8	52	77	NA
	Jun-95	ND	3	1	ND	1	ND
	Sep-95	<50	0.7	<0.5	<0.5	<0.5	<2.5
	Feb-96	87	< 0.5	<0.5	<0.5	<0.5	<0.5
	Feb-97	<50	<0.5	< 0.5	<0.5	<0.5	2.9
	Jul-98	<50	<0.4	0.6	<0.3	0.8	<5
	Nov-98	<50	0.7	< 0.3	<0.3	<0.8	27
	Mar-99	<50	< 0.4	< 0.3	<0.3	<0.8	<5
	Jun-99	<50	< 0.5	< 0.5	<0.5	<0.5	<2
	Dec-99	NS	NS	NS	NS	NS	NS
	Mar-00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-5	Oct-95	120,000	16,000	26,000	3,100	15,000	39,000
	Feb-96	47,000	3,400	4,200	860	4,100	20,000
	Feb-97	28,000	1,300	1,500	480	1,000	2,200
	Jul-98	47,000	1,400	4,000	2,000	8,500	600
	Nov-98	NS**	NS**	NS**	NS**	NS**	NS**
	Mar-99	36,000	1,500	2,400	1,500	5,500	900
	Jun-99	34,500	722	1,980	1,720	7,170	765
	Sep-99	49,100	540	2,500	1,730	8,040	255
	Dec-99	NS**	NS**	NS**	NS**	NS**	NS**
	Mar-00	10,700	217	300	332	1,480	160
MW-6	Oct-95	110,000	9,900	22,000	3,200	17,000	47,000
11211	Feb-96	23,000	2,000	460	2,900	2,600	6,300
	Feb-97	12,000	450	780	200	590	790
	Jul-98	NS**	NS**	NS**	NS**	NS**	NS**
	Nov-98	NS*	NS*	NS*	NS*	NS*	NS*
	Mar-99	5,700	240	260	120	440	150
	Jun-99	7,610	259	334	283	567	275
	Dec-99	NS	NS	NS	NS	NS	NS
	Mar-00	10,100	276	170	200	673	159
3.632.7		5,090	31.9	4.8	60	219	43.6
MW-7	Jul-99				5.9	27.3	14.0
	Sep-99	2,160	2.8 <2.5	8.2 <2.5	13.8	44.9	26.3
	Dec-99 Mar-00	2,630 624	<0.5	<0.5	<0.5	1.61	3.87

MW-8	Jun-99	< 50	< 0.5	< 0.5	<0.5	< 0.5	88.5
	Sep-99	<50	<0.5	< 0.5	< 0.5	< 0.5	52
	Dec-99	<50	< 0.5	< 0.5	<0.5	< 0.5	47.3
	Mar-00	<50	<0.5	<0.5	<0.5	<0.5	4.65
MW-9	Jun-99	<50	< 0.5	< 0.5	<0.5	< 0.5	<2
318 IT "Z	Dec-99	NS	NS	NS	NS	NS	NS
	Mar-00	<50	< 0.5	< 0.5	<0.5	< 0.5	<2.5
3.4917.1.0							
MW-10	Jun-99	< 5 0	<0.5	<0.5	<0.5	<0.5	<2
	Sep-99	<50 <50	<0.5	<0.5	<0.5	<0.5	<2.5
	Dec-99	<50	< 0.5	< 0.5	<0.5	< 0.5	46.5
	Mar-00	52.7	<0.5	< 0.5	<0.5	<0.5	<2.5

Table 3
Historical Groundwater Analytical Results
B&C Gas Mini Mart
Livermore, California

Well	Sample	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
No	Date	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
MW-11	Jun-99	91	0.7	2.0	1.1	2.6	<2
	Sep-99	<50	< 0.5	< 0.5	<0.5	< 0.5	<2.5
	Dec-99	<50	< 0.5	< 0.5	< 0.5	< 0.5	<2.5
	Mar-00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-12	Jun-99	· <50	< 0.5	<0.5	< 0.5	< 0.5	<2
	Sep-99	<50	< 0.5	< 0.5	<0.5	< 0.5	<2.5
	Dec-99	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5
	Mar-00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-13	Jul-99	214	42.8	< 0.5	4.5	<0.5	332
	Sep-99	<100	5.8	<1	<1	<1	160
	Dec-99	71	6.7	< 0.5	1.4	< 0.5	132
	Mar-00	<50	2.32	<0.5	<0.5	<0.5	53.5
D-1	Jun-99	<50	<0.5	< 0.5	<0.5	<0.5	<2
	Sep-99	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5
	Dec-99	<50	< 0.5	< 0.5	<0.5	< 0.5	<2.5
	Mar-00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
D-2	Jun-99	<50	< 0.5	< 0.5	<0.5	< 0.5	<2
	Sep-99	< 50	< 0.5	< 0.5	<0.5	< 0.5	< 2.5
	Dec-99	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5
	Mar-00	<50	<0.5	< 0.5	<0.5	< 0.5	<2.5
(MS)MW-I	Aug-95	11,000	190	260	110	900	210
` '	Jul-98	NS**	NS**	NS**	NS**	NS**	NS**
	Nov-98	10,000	260	120	500	1,100	200
	Mar-99	NS**	NS**	NS**	NS**	NS**	NS**
	Jun-99	NS**	NS**	NS**	NS**	NS**	NS**
	Dec-99	661	9.7	3.5	21.7	31.1	7.2
	Mar-00	NS**	NS**	NS**	NS**	NS**	NS**

ug/l = micrograms per liter

TPH-G = total petroleum hydrocarbons as gasoline

MTBE = methyl tertiary-butyl ether

MS ≈ Mill Springs Park

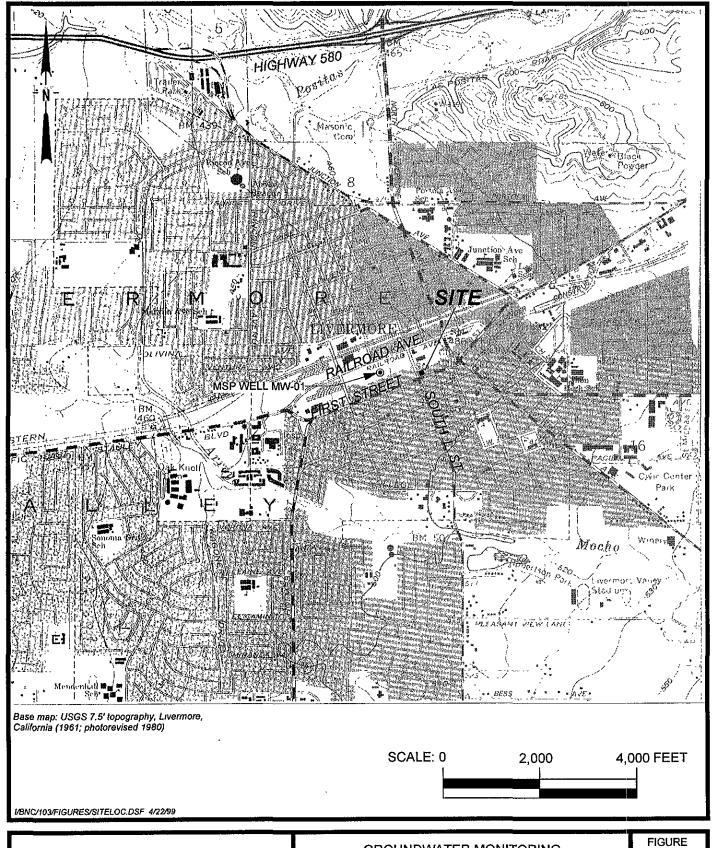
NA≕ not analyzed

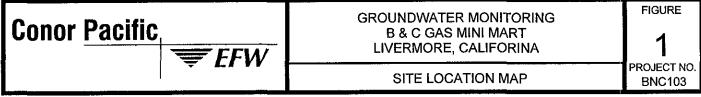
NS= not sampled

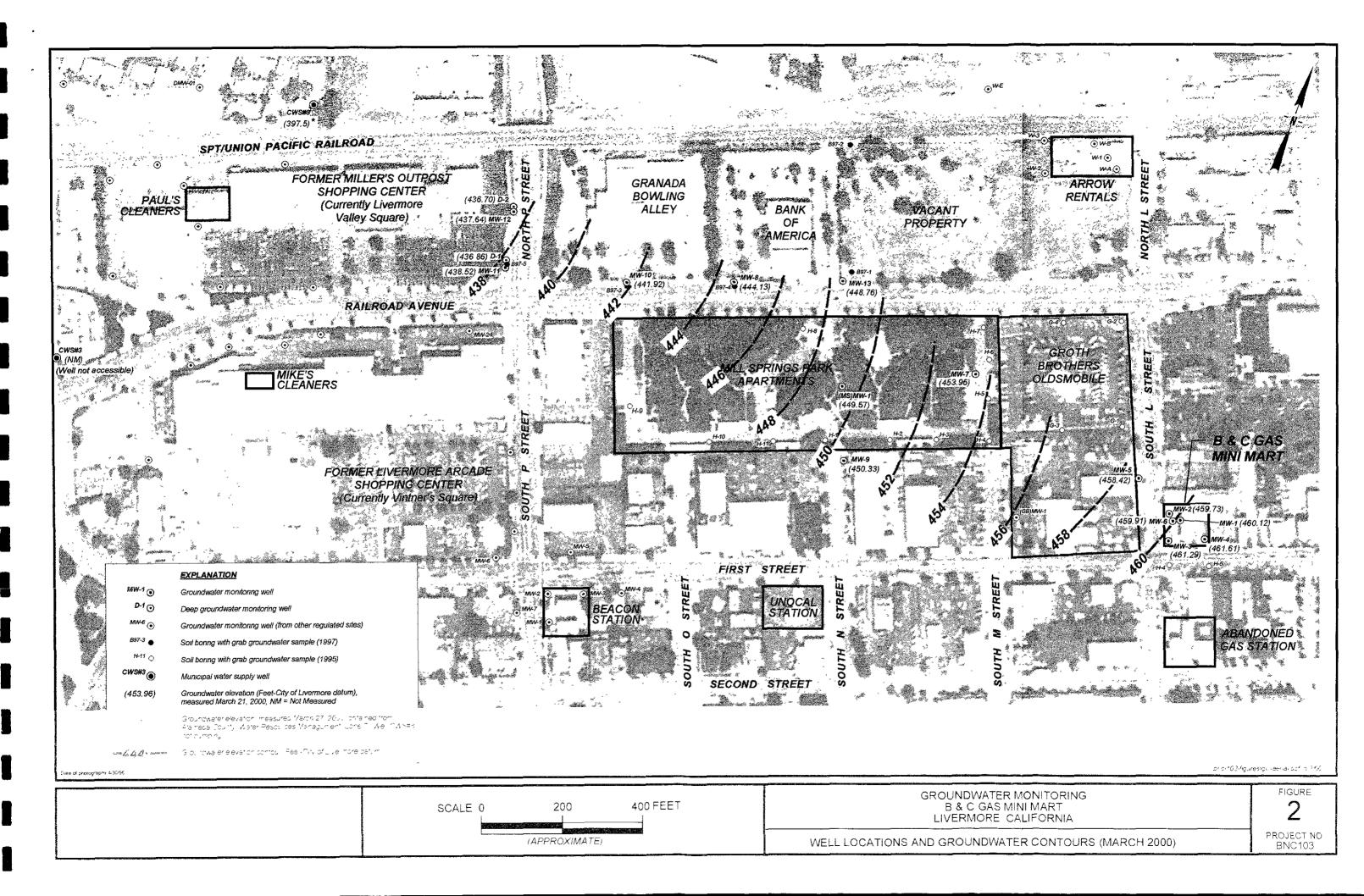
* = well inaccessible ** = free product hydrocarbon present

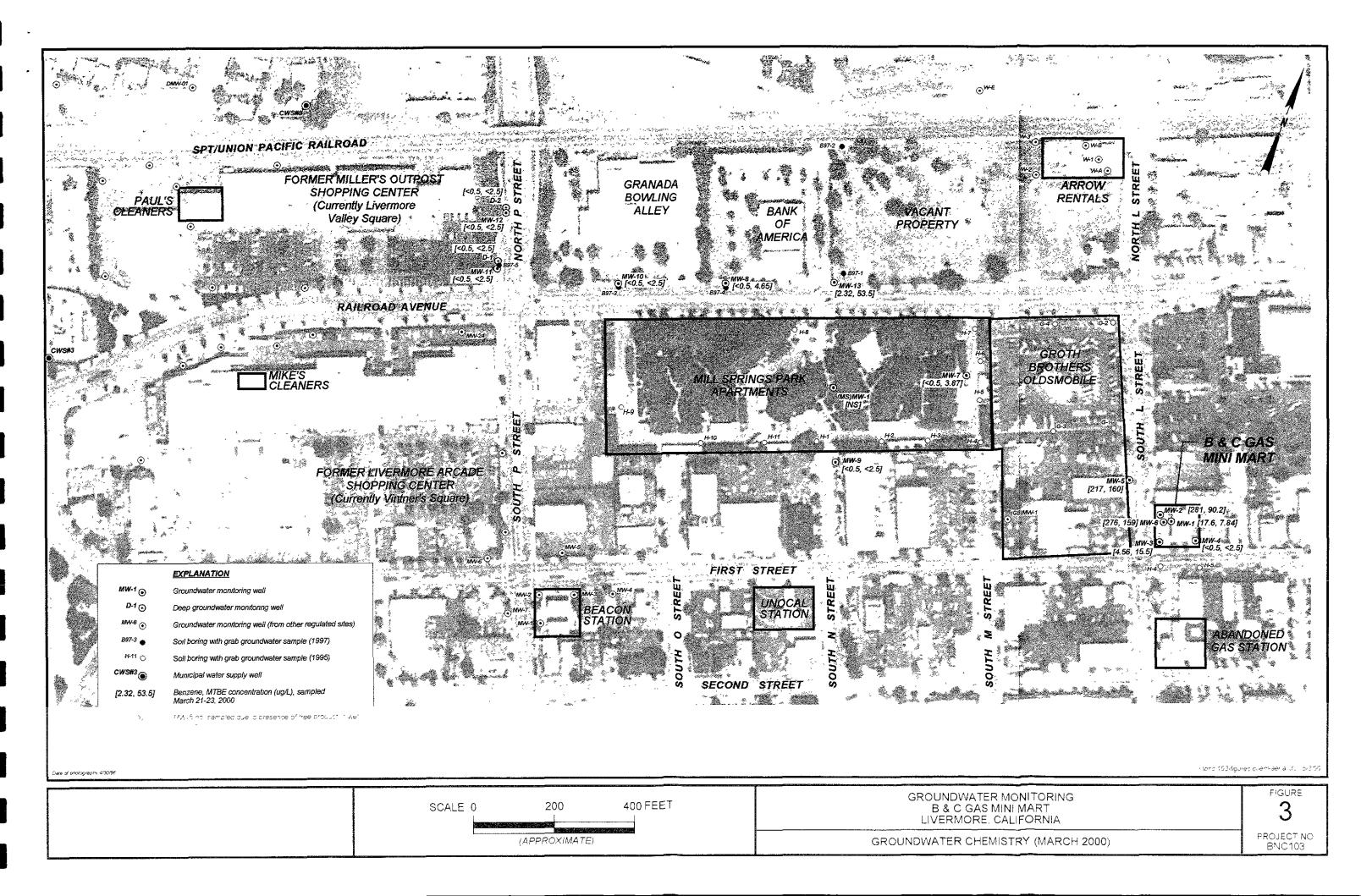
ND = not detected above reporting limit, limit not available

< = less than method reporting limit









APPENDIX A

WATER SAMPLE FIELD DATA SHEETS AND CERTIFIED ANALYTICAL REPORT

WATER LEVEL DATA SHEET

Conor Pacific/EFW

Project: B&0	Con N	dini M	o wf					
			art					
Project No.: Date(s): 3	2.10)3 }						· · · · · · · · · · · · · · · · · · ·
Name: P	7111							
Wastham ()	131011	<i>A</i> \ A	Eva	dia	VII	Sounder #:	<u> </u>	ecn'
Weather:								
Well	D,	ite		655.111.656.000		MOMORADIC MAN MEDICALISTS	Meas.	F 1 100 1 N2010099 M 1 M090 M0990 M 1/4 GUUGUGUGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG
2007	3 21	A 🔿			(TOC)	75.5	By W	
	3/2/		H	V	23,95	56.1	YVY	
MW-2					22.95	51.2		Mu'
MW-3						59.9		41U
MW-4	 				23.55			V5light.
MW-5 MW-6						(26.7)		*Obstructed.
					24.02	49.3		
MW-7 MW-8					29.0	5/1/2		9hu"
MW-9					21070	41 1		
MW-10		<u></u>			29.10 20.75 29.50 20.41	52 a		
MW-11					26.41	1000		
MW-12					20.70	43.3		9 _{liu"}
MW-13		•			24.03	543		1
D-1					27.84	1243		
D-2					20.91	111.4		
MS MW01	₩				20:12	59.5		
			<u>.</u>	····	00120			
						3		All locks 0909
					· · ····			
	<u></u>		<u> </u>		<u> </u>	<u> </u>		

LOCATION: BICGAS Wini WAY PROJECT NO: BNOLO3 CLIENT: BICGAS WINI WAY SAMPLE BY: ZPWW REGULATORY AGENCY: SAMPLE TYPE: Groundwater L Surface Water Leachate Treatment System Other						
PROJECT NO: BNC103 SAMPLED BY: ZPWW CLIENT: BiC Gas Wini Wart REGULATORY AGENCY:						
CLIENT: 1340 GUS WIN'T WOUT REGULATORY AGENCY:	SAMPLE ID: VIVV					
CASING DIAMETER (OD-inches): 3/41244.568Other						
	*					
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6) Vell Total Depth (ft): 75,5 Volume in Casing (gal): ©.0 Depth to Water (ft): Calculated Purge (volumes / gal.):						
Depth to Water (ft): 13.97 Calculated Purge (volumes / gal.): 6.6						
Height of Water Column (ft): 51.55 Actual Pre-Sampling Purge (gal):						
regit of water Column (tr).						
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 Bladder Pump Dedicated Other_ Purge Water Containment:						
Time Volume Temp. Elec. Conductivity pH Color Turbidity						
(2400 Hr) (gallons) (°C) (µmhos/cm) (std. units) (visual) (visual) Other Observa	ation					
1553 3.0 21.0 994 7.15 H.brown wodwatt						
1557 6.0 70.5 993 7.17						
1402 9.0 20.3 995 7.20						
<u> </u>						
Purge Date: 3 22 00						
AMPLE: 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	10'					
Electical Dissolved						
Time Temp. Conductivity pH Oxygen Color Turbidity Othe	er					
(2400 Hr) (°C) (µmhos/cm) (std. units) (mg/l) (visual) (NTU) (U10 20.4 1040 7.21 3.04 (100 495						
Sample Date: 3/22/90						
rield Measurement Devices: Horiba C Omega QuickCheck D.O. Test Kit REMARKS: USING VOLUME PUBL.						

Conor Pacific						
₩EFW	WATER SAMPLE FIELD DATA					
LOCATION: BOCGas Mini Marz	SAMPLE ID: WW-2					
PROJECT NO: BNC103	SAMPLED BY: PAWA					
CLIENT: BECGES WINI MAR	REGULATORY AGENCY:					
SAMPLE TYPE: Groundwater & Surface Water	Leachate Treatment System Other					
CASING DIAMETER (OD-inches): 3/4 1	24_P 4.568Other					
Well Total Depth (ft): 50.1	Volume in Casing (gal): 21.2					
Depth to Water (ft): 24-00	Calculated Purge (volumes / gal.): 21.2					
Height of Water Column (ft): 37.10	Actual Pre-Sampling Purge (gal): 22-0					
PURGE: Device (Depth of Intake from TOC): S.S. Bailer PVC Hand Pump Peristaltic Pump Pneumatic Displacement Pump Electric Substitute Water Containment: Www.d Field QC Samples Collected at this Well (Equipment or Field	Centrifugal Pump Bladder Pump mersible Pump Dedicated Other					
Time Volume Temp. Elec. Conductivity p	oH Color Turbidity					
	units) (visual) (visual) Other Observation					
1250 7.5 20.3 940 4:						
	03					
1302 22.0 20.2 453 (0)	84 1					
AND THE PROPERTY OF THE PROPER	***************************************					
	Purge Date: 3 73 (00					
	Purge Date: 11-10					
SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer	Ceffon Bailer PVC Bailer Disp. Bailer (51)					
PVC Hand Pump Peristaltic Pump	Centrifugal Pump Bladder Pump					
Pneumatic Displacement Pump Electric Sub-	mersible Pump Dedicated Other					
The stire 1	Dissolved					
Electical Time Temp. Conductivity pH						
(2400 Hr) (°C) (µmhos/cm) (std. u	nits) (mg/l) (visual) (NTU)					
1309 20.1 968 6.99	7 1.48 H.gmy 236					
Sheen: Woderate Odor: Strong	Sample Date: 3 23 00					
Field Measurement Devices: Horiba 1 Omega REMARKS: PlwDvld, discard 1 PVC	QuickCheck D.O. Test Kit Pipe from Well. 1 Casing Volume purge.					
SIGNATURE, MAN	DATE: 3/23/80					
M. WFORMS IS AMPLING IWTR SMPL 2000, DOC 20 F 1 6	1773.1 Ex-					
M: FORMS IS AMPLING INTRSMPL2000, DOC # 0 + 1 U						

Conor Pacific WATER SAMPLE FIELD DATA SAMPLE ID: WW-3 LOCATION: BICGASMINIMAA PROJECT NO: BNCLO3 SAMPLED BY: PUW CLIENT: BECGAS MINI MARY REGULATORY AGENCY: SAMPLE TYPE: Groundwater Surface Water Treatment System Other Leachate CASING DIAMETER (OD-inches): 3/4 Other (0.66)(0.04)(1.5)(2.6)GALLONS PER LINEAR FOOT: (0.02)(0.17)(0.83)Volume in Casing (gal): 7. Why 22.0 Well Total Depth (ft): 57.2 Depth to Water (ft): 73.94 Calculated Purge (volumes / gal.): 22.4 Height of Water Column (ft): 34-14 Actual Pre-Sampling Purge (gal): 23.0 PURGE: Device (Depth of Intake from TOC): S.S. Bailer_____ Teflon Bailer____ PVC Bailer 7 Disp. Bailer PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Pneumatic Displacement Pump Electric Submersible Pump Purge Water Containment: Dedicated Field QC Samples Collected at this Well (Equipment or Field Blank): EB- FB-Other Elec. Conductivity pН Color Turbidity Time Volume Temp. (std. units) (visual) Other Observation (2400 Hr) (gallons) (°C) (umhos/cm) (visual) 700 H.basum wollate Spotty Shely 1153 20.1 1040 42.0 7.09 1(0.1) 105a 1010 710 Purge Date: SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer_____ Teflon Bailer____ PVC Bailer____ Disp. Bailer 52 PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Pneumatic Displacement Pump Electric Submersible Pump Dedicated Electical Dissolved Turbidity Other Oxygen Color Time Temp. Conductivity pН (visual) (µmhos/cm) (std. units) (mg/l)(NTU) (2400 Hr) 7.00 2.30 120010 971 H. Word Sample Date: 3/23/00 Sheen: Spot QuickCheck ___ Field Measurement Devices: Horiba D.O. Test Kit Omega "O pipe from well. I casing volume purge. REMARKS: Fluvould, discarded DATE: 3/23(00

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Conor Pacific	WATER SAMPLE FIELD DATA
LOCATION: BECGUS WIN I WAST PROJECT NO: BNC103 CLIENT: BECGAS WIN I WAST	SAMPLE ID: WW-4 SAMPLED BY: PAWP REGULATORY AGENCY:
SAMPLE TYPE: Groundwater Surface Water CASING DÏAMETER (OD-inches): 3/4 1 2	
Well Total Depth (ft): 59 9 Depth to Water (ft): 23.44 Height of Water Column (ft): 34.44	Volume in Casing (gal): 74.1 Calculated Purge (volumes / gal.): 72.3 Actual Pre-Sampling Purge (gal): 73.0
PURGE: Device (Depth of Intake from TOC): S.S. Bailer T PVC Hand Pump Peristaltic Pump	eflon Bailer PVC Bailer Disp. Bailer Centrifugal Pump Bladder Pump Other Slank): EB- FB- Other
Time Volume Temp. Elec. Conductivity pH (2400 Hr) (gallons) (°C) (μmhos/cm) (std. un 1400 25.0 20.7 981 7.19 1410 49.0 20.8 993 7.19 1425 73.0 20.8 993 7.19	nits) (visual) (visual) Other Observation Colorless Frace
	Purge Date: 3/27/80
SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Te PVC Hand Pump Peristaltic Pump Pneumatic Displacement Pump Electric Subme	flon Bailer PVC Bailer Disp. Bailer (55') Centrifugal Pump Bladder Pump ersible Pump Dedicated Other
Electical Time Temp. Conductivity pH (2400 Hr) (°C) (µmhos/cm) (std. unit	Ce. 14 H. Grountint 83
Sheen: NOW Odor: NOW	Sample Date: 3 22 00
Field Measurement Devices: Horiba Omega Omega	
SIGNATURE: WWW	DATE:3(27)00
M-FORMSISAMPLINGWTRSMPL2000,DOC 40F	

GOHOT PACHIC FEFW	WATER SAMPLE FIELD DATA
LOCATION: BªCGasmmi Mart	SAMPLE ID: WW-5
PROJECT NO: BNC 103	SAMPLED BY: 2 PWW
CLIENT: B7 C Gas (MM) Wart	REGULATORY AGENCY:
	Leachate Treatment System Other
CASING DIAMETER (OD-inches): $3/4$ 1 (0.02) (0.04)	$\frac{2}{(0.17)}$ $\frac{4\cancel{\cancel{-}}\cancel{\cancel{-}}}{(0.66)}$ $\frac{4.5}{(0.83)}$ $\frac{6}{(1.5)}$ $\frac{8}{(2.6)}$ Other
Well Total Depth (ft): 39.7	Volume in Casing (gal): 10.7
Depth to Water (ft): 23.41	
Height of Water Column (ft): 14.09	Actual Pre-Sampling Purge (gal):
PURGE: Device (Depth of Intake from TOC): S.S. Bailer PVC Hand Pump Pneumatic Displacement Pump Purge Water Containment: Purge Water Containment: Purge Water Collected at this Well (Equipment or Field)	Teflon Bailer PVC Bailer Disp. Bailer + Centrifugal Pump Bladder Pump omersible Pump Dedicated Other d Blank): EB- FB- Other
(2400 Hr) (gallons) (°C) (μmhos/cm) (std 1105 4.0 20.0 930 U 1109 7.5 20.2 943 U.	pH Color Turbidity . units) (visual) (visual) Other Observation .73 thoun low .74 horatint
	3/02/00
	Purge Date: 3/23(00
SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer PVC Hand Pump Peristaltic Pump Pneumatic Displacement Pump Electric Sul	Centrifugal Pump Bladder Pump
(2400 Hr) (°C) (μmhos/cm) (std. t 1120 20.2 1020 U. E	oce 1.22 coloruss 402
Sheen: NOM Odor: Wockette	Strong Sample Date: 3/23/90
Field Measurement Devices: Horiba Omega REMARKS: COSTOS VOLUM PWGE · AL	QuickCheck D.O. Test Kit Sor but 50016 Cage 1995 ins just-bull
SIGNATURE: MANN	DATE: 3/23/00

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Conor Pacific	
EFW WATER SAMP	LE FIELD DATA
LOCATION: Bic Gas Wini Wart SAMPLE ID: MW-W	
PROJECT NO: BNC103 SAMPLED BY: PAWE	,
CLIENT: B&C Gas Wimi Wart REGULATORY AGENCY:	1
SAMPLE TYPE: Groundwater Surface Water Leachate Treatment System _	Other
CASING DIAMETER (OD-inches): 3/4 1 2 4 4.5 6	8 Other
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5)	(2.6)
Well Total Depth (ft): 40.0 Volume in Casing (gal): EMA 16). U
Depth to Water (ft): 24-00 Calculated Purge (volumes / gal.): 1	
Height of Water Column (ft): 14.00 Actual Pre-Sampling Purge (gal): 1	
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
Purge Water Containment: Www.v.cd Electric Submersible Pump Dedicated	Other
Field QC Samples Collected at this Well (Equipment or Field Blank): EB FB Other	
Tiota do partidos comesca as atra viva (=4-partidos viva (=4-parti	
Time Volume Temp. Elec. Conductivity pH Color Turbidity	
(2100 III) (Barrolla) (C)	her Observation
1430 4.0 20.0 919 4.73 H.yellaw/6row 10W	
1433 7.5 20.5 919 6.75	
1434 11.0 20.5 910 4.76	

	· · · · · · · · · · · · · · · · · · ·
	,
Purge Date: 3 22	100
SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder	Disp. Bailer (29')
Pneumatic Displacement Pump Electric Submersible Pump Dedicated	Other
Electical Dissolved	
Electical Dissolved Time Temp. Conductivity pH Oxygen Color To	urbidity Other
(2400 Hr) (°C) (µmhos/cm) (std. units) (mg/l) (visual)	
1642 20.7 922 6.76 1.52 H.Grount HMT	120
Sheen: Wood Vata Odor: Strong Sample Date: 3	72/90
Sheen: WYVY93 Odor: 1750 Sample Date. 1	
Field Measurement Devices: Horiba Omega QuickCheck D.O. Test Kit REMARKS: Casing Volume purg. Will Obstructed at 20.7'.	
SIGNATURE: MAN	DATE: 3/22/00

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Conor Pacific	WATER SAMPLE FIELD DATA		
₹ <i>EFW</i>	_		
LOCATION: BOCGOSMIN'I MOST	SAMPLE ID: MW-7		
PROJECT NO: 13/1/21/03	SAMPLED BY: Paw		
CLIENT: B7C Gas Wivi Mart	REGULATORY AGENCY:		
SAMPLE TYPE: Groundwater Surface Water			
CASING DIAMETER (OD-inches): 3/4 1	$2 \underbrace{\hspace{1cm}} 4 \underbrace{\hspace{1cm}} 4.5 \underbrace{\hspace{1cm}} 6 \underbrace{\hspace{1cm}} 8 \underbrace{\hspace{1cm}} 0.66) $ Other		
Well Total Depth (ft): 49.3	Volume in Casing (gal): 4.3		
Depth to Water (ft): 24.31	Calculated Purge (volumes / gal.): 12.8		
Height of Water Column (ft): 24.99	Actual Pre-Sampling Purge (gal):		
PURGE: Device (Depth of Intake from TOC): S.S. Bailer			
Time Volume Temp. Elec. Conductivity	pH Color Turbidity		
(2400 Hr) (gallons) (°C) (µmhos/cm) (std	units) (visual) (visual) Other Observation		
	08 Hibrium high		
	.07		
1030 13.0 19.2 939 7	.09 V L		
	Purge Date: 3/23/20		
SAMPLE:	t		
Device (Depth of Intake from TOC): S.S. Bailer	Teflon Bailer PVC Bailer Disp. Bailer 9		
PVC Hand Pump Peristaltic Pump Pneumatic Displacement Pump Electric Sul	omersible Pump Dedicated Other		
F			
Electical	Dissolved I Oxygen Color Turbidity Other		
Time Temp. Conductivity pl (2400 Hr) (°C) (µmhos/cm) (std. u	, , ,		
1037 19.5 941 7.0			
Sheen: NOW Odor: light	Sample Date: 3/23/00		
Sheen: Violation Odor: Violation	Sample Date: 12-11-0		
Field Measurement Devices: Horiba Omega	· ·		
Patton led wetter 150 - ballon all 200 in ac	Proposed tule of the autor Till 1.5		
COMPANIED AND A 120 BLOSLOG LUCY LOS	, to:0,2060; tub:0; Do:auto; T: 19.6°C		
SYCNATURE, MAN	DATE: 3/23/00		

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Conor Pacific WATER SAMPLE FIELD DATA
LOCATION: B3 C GOSWINI WOLF SAMPLE ID: WW-8
PROJECT NO: BYC 103 SAMPLED BY: PAW
PROJECT NO: BYC 103 SAMPLED BY: WWW CLIENT: B&C. GOVWIN WOOD REGULATORY AGENCY:
CLIENT: B & C Gas Win Wort REGULATORY AGENCY: SAMPLE TYPE: Groundwater Surface Water Leachate Treatment System Other
CASING DIAMETER (OD-inches): 3/4 1 2 4 4.5 6 8 Other
GALLONS PER LINEAR FOOT: (0.02) (0.04) (0.17) (0.66) (0.83) (1.5) (2.6)
Well Total Depth (ft): 54-4 Volume in Casing (gal): 4.4
Depth to Water (ft): 24. (0 Calculated Purge (volumes / gal.): 15-0
Height of Water Column (ft): 75.50 Actual Pre-Sampling Purge (gal): 13.0
PURGE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other Purge Water Containment:
The volume 1 start of the control of
(2400 H) (ganons)
1021 9.0 19.7 963 707
1624 13.0 19.5 944 7.11
Purge Date: 3 21 90
SAMPLE:
Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer 50') Redder Pump
PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Pneumatic Displacement Pump Electric Submersible Pump Dedicated Other
Pheumatic Displacement Funip Electric Submersione 1 amp
Electical Dissolved
Time Temp. Conductivity pH Oxygen Color Turbidity Other
(2400 Hr) (°C) (umhos/cm) (std. units) (mg/l) (visual) (NTU) 1181 1910 9104 7.10 3.32 11.600 7999
1001 1100 1001
Sheen: NON Odor: NONE Sample Date: 3/21/00
Field Measurement Devices: Horiba Omega QuickCheck D.O. Test Kit REMARKS:
SIGNATURE: 3/21/00
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Genor Pacific	WATER SAMPLE FIELD DATA
PROJECT NO: BNC 103 CLIENT: B & C GOS WIN WOV + SAMPLE TYPE: Groundwater	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Well Total Depth (ft): 44-0	Volume in Casing (gal): 3.0
Depth to Water (ft): 24.75	Calculated Purge (volumes / gal.):
Height of Water Column (ft): 17.75	Actual Pre-Sampling Purge (gal): 9-0
PVC Hand Pump Peristaltic Pump Pneumatic Displacement Pump Electric Sub Purge Water Containment:	Teflon Bailer PVC Bailer Disp. Bailer Centrifugal Pump Bladder Pump Other Other
(2400 Hr) (gallons) (°C) (μmhos/cm) (std 1500 3.0 20.0 933 53 1503 0.0 20.0 942 7	pH Color Turbidity I. units) (visual) (visual) Other Observation 7.16 Hours Nigh 7.5
	Purge Date: 3 21 00
SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer PVC Hand Pump Pneumatic Displacement Pump Electric Sul	Teflon Bailer PVC Bailer Disp. Bailer 40') Centrifugal Pump Bladder Pump bmersible Pump Dedicated Other
Electical	
Field Measurement Devices: Horiba 4 Omega REMARKS:	
Calibrated nitr 1450,3/21/00: ptf: 7.074-00; EC	
SIGNATURE: MM	DATE: 3/21/00

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Conor Pacific WATER SAMPLE FIELD DATA **FFW** LOCATION: B&CGasWINIMAV+ SAMPLE ID: MW-10 PROJECT NO: BUL 103 SAMPLED BY: ZPUM CLIENT: B&C Gas WINI MOVA-REGULATORY AGENCY: SAMPLE TYPE: Groundwater — Surface Water Leachate Treatment System Other Other CASING DIAMETER (OD-inches): 3/4 4.5 (2.6)(0.04)(0.17)(0.83)(1.5)GALLONS PER LINEAR FOOT: (0.66)Volume in Casing (gal): 4.2 Well Total Depth (ft): 53.9 Depth to Water (ft): 29.50 Calculated Purge (volumes / gal.): 12.5 Actual Pre-Sampling Purge (gal): 12.5 Height of Water Column (ft): 24.40 PURGE: Device (Depth of Intake from TOC): S.S. Bailer_____ Teflon Bailer____ PVC Bailer____ Disp. Bailer____ PVC Hand Pump ____ Peristaltic Pump ____ Centrifugal Pump ____ Bladder Pump ____ Pneumatic Displacement Pump ____ Electric Submersible Pump ____ Dedicated ____ Other_Purge Water Containment: Field OC Samples Collected at this Well (Equipment or Field Blank): EB- FB- Other Temp. Elec. Conductivity Hq Color Turbidity Time Volume (std. units) (visual) (visual) Other Observation (umhos/cm) (2400 Hr) (gallons) (°C) 7.04 Hobbur niah 11150 Purge Date: SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer 50') PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Pneumatic Displacement Pump Electric Submersible Pump Dedicated Electical Dissolved Color Turbidity Other pН Oxygen Time Temp. Conductivity (visual) (NTU) (2400 Hr) (µmhos/cm) (std. units) (mg/l)4.32 HUDOWA 523 7.00 717 3/2/100 Sheen: NOM Odor: NOW Sample Date:

Field Measurement Devices: REMARKS:	Horiba <u> </u>	Omega	QuickCheck	D.O. Test Kit	
	 				· · · · · · · · · · · · · · · · · · ·

SIGNATURE: MAN

DATE: 3/21/00

Conor Pacific WATER SAMPLE FIELD DATA LOCATION: BGC Gas Mini Mart SAMPLE ID: WW-11 PROJECT NO: BNC 403 SAMPLED BY: FYOM CLIENT: BY CGASWINI MANT REGULATORY AGENCY: Leachate Treatment System Other SAMPLE TYPE: Groundwater ... Surface Water CASING DIAMETER (OD-inches): 3/4 4.5 Other (1.5)(0.02)(0.04)(0.17)(0.83)GALLONS PER LINEAR FOOT: (0.66)(2.6)Well Total Depth (ft): 40.9 Volume in Casing (gal): 3.9 24.49 Calculated Purge (volumes / gal.): 11.5 Depth to Water (ft): Height of Water Column (ft): 27.41 Actual Pre-Sampling Purge (gal): PURGE: PVC Bailer Device (Depth of Intake from TOC): S.S. Bailer_____ Teflon Bailer____ Disp. Bailer Centrifugal Pump Bladder Pump PVC Hand Pump Peristaltic Pump Pneumatic Displacement Pump Electric Submersible Pump Purge Water Containment: Www.d Dedicated Field OC Samples Collected at this Well (Equipment or Field Blank): EB-FB-Other Elec. Conductivity Color Turbidity Time Volume Temp. pН Observation (umhos/cm) (std. units) (visual) (visual) Other (2400 Hr) (gallons) (°C) 7.03 Jun (mel. !! 422 1215 4.0 Niah 702 105 Purge Date: SAMPLE: Disp. Bailer (45 Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Other Pneumatic Displacement Pump Electric Submersible Pump Dedicated Dissolved Electical Color Turbidity Other Conductivity pН Oxygen Time Temp. (visual) (2400 Hr) · (µmhos/cm) (std. units) (mg/l)H. Laroun 1229 705 Odor: MONT 3/22/00 Sheen: NOW Sample Date: Omega QuickCheck Field Measurement Devices: Horiba D.O. Test Kit REMARKS: Some Small brown fronting allbulls in Sample bailer, poured DAS. After as minutes, could not locate alobalistin VOAS, probably not produc

SIGNATURE: MAW DATE: 3/22/00

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11 05 16

Conor Pacific WATER SAMPLE FIELD DATA LOCATION: BOC Gas Mini Mart SAMPLE ID: MW-12 PROJECT NO: BULLO3 SAMPLED BY: POWE CLIENT: B'SC Gas MINI MAY REGULATORY AGENCY: SAMPLE TYPE: Groundwater $-\ell'$ Surface Water Leachate Treatment System Other 4.5 8____ Other____ CASING DIAMETER (OD-inches): 3/4 (1.5)(2.6)(0.02)(0.04)(0.17)(0.66) (0.83)GALLONS PER LINEAR FOOT: Volume in Casing (gal): 5,763,9 Well Total Depth (ff): 5430 43.3 Depth to Water (ft): 20.79 **3** Calculated Purge (volumes / gal.): 17-16 11.5 Height of Water Column (ft): 33.50 22.51 Actual Pre-Sampling Purge (gal): PURGE: Field QC Samples Collected at this Well (Equipment or Field Blank): EB-___ FB-__ Other ____ Color Turbidity Elec. Conductivity рН Temp. Time Volume (umhos/cm) (std. units) (visual) (visual) Other Observation (2400 Hr) (gallons) (°C) 10.91 Mulado, H high 20.1 6.40 **2**0.0 10.94 Purge Date: 3/22/00 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 Dissolved Electical Color Turbidity Other Oxygen Conductivity pН Time Temp. (NTU) (µmhos/cm) (std. units) (visual) (mg/l)(2400 Hr) (°C) Hibroun 7999 691 0.21 1107 20.0 ___ Odor: NONE Sheen: NOW. Field Measurement Devices: Horiba C Omega QuickCheck D.O. Test Kit _____ REMARKS: Calibrated metr 1000, 3/22/00: pt17.02, 4010.05, 50:0,2000, twliv. DO: Outo. T: 20.1°C DATE: 3/22/00 SIGNATURE: 120514

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Conor Pacific, WATER SAMPLE FIELD DATA LOCATION: BACGUS WINIMAA SAMPLE ID: WW-(3) SAMPLED BY: Van PROJECT NO: BALLIDS CLIENT: BECGOSMINI MOVI REGULATORY AGENCY: SAMPLE TYPE: Groundwater -Surface Water Leachate Treatment System Other CASING DIAMETER (OD-inches): 3/4 4.5 Other (0.83)(0.02)(0.04)(0.17)(1.5)GALLONS PER LINEAR FOOT: (2.6)(0.66)Well Total Depth (ft): 54-3 Volume in Casing (gal): 49 Calculated Purge (volumes / gal.): 14.5 2003 Depth to Water (ft): Height of Water Column (ft): 20.27 Actual Pre-Sampling Purge (gal): 14.5 **PURGE:** PVC Bailer — Disp. Bailer Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Purge Water Containment: CVWWWEO Electric Submersible Pump Dedicated Field QC Samples Collected at this Well (Equipment or Field Blank): EB-FB-Other Temp. Elec. Conductivity υH Turbidity Time Volume Color (µmhos/cm) Observation (2400 Hr) (gallons) (°C) (std. units) (visual) (visual) Other 7,23 20.1 H.boun nian 5.0 19.4 7.23 10.01 Purge Date: SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer (50) PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Pneumatic Displacement Pump Electric Submersible Pump Dedicated Electical Dissolved Other Conductivity Color **Turbidity** Time Temp. Нg Oxygen (µmhos/cm) (std. units) (mg/l) (visual) (2400 Hr) (°C) Hisnam 7.24 Odor: NON Sheen: NOM Sample Date:

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

DATE:

3/2/100

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Conor Pacific WATER SAMPLE FIELD DATA LOCATION: 34CGaSWIM/ Mart SAMPLE ID: D-1 SAMPLED BY: POME PROJECT NO: BNC 103 CLIENT: BYC GAS MINI MORY REGULATORY AGENCY: SAMPLE TYPE: Groundwater & Surface Water Leachate Treatment System Other CASING DIAMETER (OD-inches): 3/4 4.5 Other (0.04)(0.17)(1.5)(2.6)(0.02)(0.66)(0.83)GALLONS PER LINEAR FOOT: Well Total Depth (ft): 124.3 Volume in Casing (gal): 14.4 Calculated Purge (volumes / gal.): 49.0 Depth to Water (ft): 95,93 Actual Pre-Sampling Purge (gal): 49.0 Height of Water Column (ft): PURGE: Field QC Samples Collected at this Well (Equipment or Field Blank): EB- FB- Other Elec. Conductivity pН Color Turbidity Time Volume Temp. (visual) Other Observation (2400 Hr) (gallons) (°C) (umhos/cm) (std. units) (visual) 942 7.34 Nigh 20,4 730 1300 20.1 7.37 70.0 Purge Date: 3 22/00 SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer Teflon Bailer PVC Bailer Disp. Bailer (10) PVC Hand Pump Peristaltic Pump Centrifugal Pump Bladder Pump Pneumatic Displacement Pump Electric Submersible Pump Dedicated Dissolved Electical Turbidity Other pН Oxygen Color Conductivity Time Temp. (µmhos/cm) (std. units) (visual) (2400 Hr) (°C) (mg/l)rusord. Li 7.10 7.39 1315 190 Sample Date: \$ 22/00 Odor: NOW Sheen: NDW Field Measurement Devices: Horiba Omega QuickCheck D.O. Test Kit REMARKS:

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DATE: 3/22/00

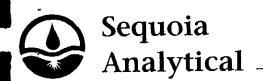
Conor Pacific	WATER SAMPLE FIELD DATA
LOCATION: BGC GAS Mini MACT PROJECT NO: BNC 103 CLIENT: BGC GAS MINI MACT SAMPLE TYPE: Groundwater Surface Water CASING DIAMETER (OD-inches): 3/4 1 GALLONS PER LINEAR FOOT: (0.02) (0.04) Well Total Depth (ft): 111.4 Depth to Water (ft): 71.43 Height of Water Column (ft): 99.97	Leachate Treatment System Other 2 4 4.5 6 8 Other (0.17) (0.66) (0.83) (1.5) (2.6)
PURGE: Device (Depth of Intake from TOC): S.S. Bailer PVC Hand Pump Pneumatic Displacement Pump Electric Sub Purge Water Containment:	Teflon Bailer PVC Bailer Disp. Bailer Centrifugal Rump Bladder Pump Other Other Id Blank): EB- FB- Other
(2400 Hr) (gallons) (°C) (μmhos/cm) (std 1124 15.5 20.0 9.45 7. 1131 31.0 19.9 9145 7.	pH Color Turbidity 1. units) (visual) (visual) Other Observation 30 H.bram WWWT 37 Down 37 H.hramfwf D
	Purge Date: 3/77/00
SAMPLE: Device (Depth of Intake from TOC): S.S. Bailer PVC Hand Pump Peristaltic Pump Pneumatic Displacement Pump Electric Sul	Teflon Bailer PVC Bailer Disp. Bailer 105 Centrifugal Pump Bladder Pump Other
Electical	7 7.04 H. Coroun 7999
Field Measurement Devices: Horiba Omega Omega	QuickCheck D.O. Test Kit
SIGNATURE: VMAVV	DATE: \$ 22 00

Conor Pacific	•							
₩ EFW	WATER SAMPLE FIELD DATA							
LOCATION: B4CGasWin 1 Mart	SAMPLE ID: MS WWO (
PROJECT NO: BNC103	SAMPLED BY: FRANK							
CLIENT: BY CGOSWINI MAVA	REGULATORY AGENCY:							
SAMPLE TYPE: Groundwater — Surface Water								
CASING DIAMETER (OD-inches): 3/41	2 4 4.5 6 8 Other							
GALLONS PER LINEAR FOOT: (0.02) (0.04)	(0.17) (0.66) (0.83) (1.5) (2.6)							
Well Total Depth (ft): 5.5	Volume in Casing (gal): 5.4							
Depth to Water (ft): 20.22	Calculated Purge (volumes / gal.): 16.0							
Height of Water Column (ft): 81.20	Actual Pre-Sampling Purge (gal):							
PURGE:	7.6 P.3 PYCP 3 P. P.3 4							
Device (Depth of Intake from TOC): S.S. Bailer	Teflon Bailer PVC Bailer Disp. Bailer Disp. Bailer Disp. Bailer							
Pneumatic Displacement Pump Electric Sub	omersible Pump Dedicated Other							
Purge Water Containment: Www.d								
Field QC Samples Collected at this Well (Equipment or Field	d Blank): EB FB Other							
Time Volume Temp. Elec. Conductivity	pH Color Turbidity							
	I. units) (visual) (visual) Other Observation							
5.5	(vibual) (vibual) Color Color varion							
The second section of the second section of the second section								
— — — — — — — — — — — — — — — — — — —	Maddle-Miles Miles Miles Miles Miles Miles M							
<i></i>								
	Purge Date: 3 21 00							
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 Sul	bariersible Pump Dedicated Other							
	D'andra d							
Electical Time Temp. Conductivity pl	Dissolved H Oxygen Color Turbidity Other							
·	units) (mg/l) (visual) (NTU)							
(2400 III) (O) (panitos pan) (Sum t	(LIE)							
Sheen: Odor:	Sample Date:							
	•							
Field Measurement Devices: Horiba Omega	QuickCheck D.O. Test Kit Lilb from 3rd and 4th bails. End purge.							
REMARKS: Proum Product Globales (V) OC	with from 3rd and 9 11 pails. End purge.							
No Sampus collected.								
.000.0	-1-1-							
SIGNATURE: VMWWW	DATE: 3/21/00							

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April 4, 2000

Kris Johnson Conor Pacific / EFW 2650 East Bayshore Rd. Palo Alto, CA 94303

RE: B&C Gas Mini Mart/P003605

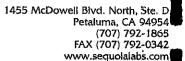
Dear Kris Johnson

Enclosed are the results of analyses for sample(s) received by the laboratory on March 24, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michelle M. Portis Project Manager

CA ELAP Certificate Number 2374





Conor Pacific / EFW 2650 East Bayshore Rd. Palo Alto, CA 94303

Project: B&C Gas Mini Mart

3/21/00 to 3/23/00 Sampled:

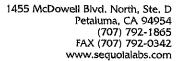
Project Number: BNC103 Project Manager: Kris Johnson

3/24/00 Received: 4/4/00 Reported:

ANALYTICAL REPORT FOR P003605

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	P003605-01	Water	3/22/00
MW-2	P003605-02	Water	3/23/00
MW-3	P003605-03	Water	3/23/00
MW-4	P003605-04	Water	3/22/00
MW-5	P003605-05	Water	3/23/00
MW-6	P003605-06	Water	3/22/00
MW-7	P003605-07	Water	3/23/00
MW-8	P003605-08	Water	3/21/00
MW-9	P003605-09 ·	Water	3/21/00
MW-10	P003605-10	Water	3/21/00
MW-11	P003605-11	Water	3/22/00
MW-12	P003605-12	Water	3/22/00
MW-13	P003605-13	Water	3/21/00
D-1 .	P003605-14	Water	3/22/00
D-2	P003605-15	Water	3/22/00







Conor Pacific / EFW Project: B&C Gas Mini Mart Sampled: 3/21/00 to 3/23/00

2650 East Bayshore Rd.Project Number:BNC103Received:3/24/00Palo Alto, CA 94303Project Manager:Kris JohnsonReported:4/4/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

Batch	Date	Date	Surrogate	Reporting		**	
Number	Prepared	Analyzed	Limits	Limit	Result	Units	Notes*
			~= ~-		-		
	- II-0 10 0		<u>05-01</u>				
"							
					40.7		
				2.50	7.84		
н			65.0-135				
"	n	**	65.0-135		88.3	"	
		DUU3 81	05.02			Water	
0030697	3/20/00		VJ-V#	500	6240		
0030687	3/29/00	3/29/00					
D.							
·							
				25.0		· · · · · · · · · · · · · · · · · · ·	
n	"	11	65.0-135		92.0	"	
		P00360	<u>05-03</u>			Water	
0030687	3/29/00	3/29/00		50.0	465	ug/l	
11	H	tr		0.500	4.56	11	
п	u .	11		0.500	1.87	Ħ	
ц	er e	11		0.500	6.20	11	
II.	n .	11			7.45	n	
11	or .	ft .			15.5	Ħ	
п	п	н	65.0-135			%	
"	"	"	65.0-135		95.3	"	
		D000/	05.04			337 _4	
0020707	2/20/00		<u>vo-04</u>	50.0	NIP		
11				2.50			
ii							
II .	u.	u	65.0-135		91.3	п	
		P00360	05-05			Water	
-	Number 0030687	Number Prepared 0030687 3/29/00 """" """" 0030687 3/29/00 """ """ 0030687 3/29/00 """ """ 0030687 3/29/00 """ """ """ """ 0030687 3/29/00 """ """ """ """ """ """ """	Number Prepared Analyzed P00366 0030687 3/29/00 3/29/00 """"""""""""""""""""""""""""""""""	Number	Number	Number Prepared Analyzed Limits Limit Result P003605-01 0030687 3/29/00 3/29/00 50.0 300 """"""""""""""""""""""""""""""""""""	Number

Sequoia Analytical - Petaluma







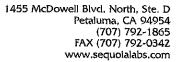
Conor Pacific / EFW Project: B&C Gas Mini Mart Sampled: 3/21/00 to 3/23/00

2650 East Bayshore Rd. Project Number: BNC103 Received: 3/24/00 Palo Alto, CA 94303 Project Manager: Kris Johnson Reported: 4/4/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

	Batch	Date	Date	Surrogate	Reporting		 _	
Analyte	Number	Prepared	Analyzed	Limits	Limit	Result	Units	Notes'
MW-5 (continued)			P00360	<u>)5-05</u>			Water	
Benzene	0030687	3/29/00	3/29/00		5.00	217	ug/l	
Toluene	u .	U.	11		5.00	300	11	
Ethylbenzene	H	U	II .		5.00	332	11	
Xylenes (total)	Ħ	U .	H		5.00	1480	11	
Methyl tert-butyl ether	H	14	n		25.0	160	11	
Surrogate: a,a,a-Trifluorotoluene	п	11	U	65.0-135		110	%	
Surrogate: 4-Bromofluorobenzene	n	"	,,	65.0-135		92.0	n	
<u>MW-6</u>			P00360	<u>)5-06</u>			<u>Water</u>	
Gasoline	0030687	3/29/00	3/29/00		500	10100	ug/l	
Benzene	"	H	ir .		5.00	276	"	
Toluene	11	H	11		5.00	170	11	
Ethylbenzene	u .	11	1t		5,00	200	11	
Xylenes (total)	el .	lf.	a		5.00	673	"	
Methyl tert-butyl ether	•	Ħ	#		25.0	159	11	
Surrogate: a,a,a-Trifluorotoluene	· · · · · · · · · · · · · · · · · · ·	11	н	65.0-135		112	%	
Surrogate: 4-Bromofluorobenzene	n	"	H	65.0-135		93.3	n	
MW-7			P00360	<u>)5-07</u>			<u>Water</u>	
Gasoline	0030687	3/29/00	3/29/00	. 	50.0	624	ug/l	
Benzene	н	It	11		0.500	ND	11	
Foluene	н	14	11		0.500	ND	19	
Ethylbenzene	0	16	Ħ		0.500	ND	15	
Xylenes (total)	н	10	Ħ		0.500	1.61	И	
Methyl tert-butyl ether	n	11	91		2.50	3.87	¥I	
Surrogate: a,a,a-Trifluorotoluene	н	11	ri .	65.0-135		106	%	
Surrogate: 4-Bromofluorobenzene	"	"	H	65.0-135		91.7	n .	
MW-8			P00360	<u>05-08</u>			Water	
Gasoline	0030687	3/29/00	3/29/00		50.0	ND	ug/l	
Benzene	u .	н	11		0.500	ND	tt	
roluene –	**	H	11		0.500	ND	et	
Bthylbenzene	**	H	11		0.500	ND	n	
Xylenes (total)	•11	l1	11		0.500	ND	**	
Methyl tert-butyl ether	11	U	11		2.50	4.65	fi .	
Surrogate: a,a,a-Trifluorotoluene	n .	11	11	65.0-135		107	%	
Surrogate: 4-Bromofluorobenzene	<i>u</i> ,	#	"	65.0-135		90.0	н	
<u>MW-9</u>			P00360	<u>05-09</u>			Water	
Gasoline	0030687	3/29/00	3/29/00		50.0	ND	ug/l	
Benzene	n .	Iţ	*1		0.500	ND	Ħ	

Sequoia Analytical - Petaluma



3/21/00 to 3/23/00



Palo Alto, CA 94303

Conor Pacific / BFW Project: B&C Gas Mini Mart Sampled: 2650 East Bayshore Rd. Project Number: BNC103 Received:

Project Number:BNC103Received:3/24/00Project Manager:Kris JohnsonReported:4/4/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

	Batch	Date	Date	Surrogate	Reporting			
Analyte	Number	Prepared	Analyzed	Limits	Limit	Result	Units	Notes*
MW-9 (continued)			P00366	15_00	•		Water	
Toluene	0030687	3/29/00	3/29/00	<u> </u>	0.500	ND	ug/l	
Ethylbenzene	11	3729700 H	3/2/3/00		0.500	ND	ug/i	
Xylenes (total)	11	17	11		0.500	ND	17	
Methyl tert-butyl ether	41	1+	*1		2.50	ND	49	
Surrogate: a,a,a-Trifluorotoluene	H		"	65.0-135	2.50	111	%	
Surrogate: 4-Bromofluorobenzene	"	rr	rr .	65.0-135		92.0	n	
bull ogdie. 4-bromojinorobenzene				05.0 455		72.0		
<u>MW-10</u>			P00366	<u>05-10</u>			<u>Water</u>	
Gasoline	0030687	3/29/00	3/29/00		50.0	52.7	ug/l	
Benzene	11	19	н		0.500	ND	"	
Toluene	u u	10	ŧI		0.500	ND	11	
Ethylbenzene	# 1	It	H .		0.500	ND	**	
Xylenes (total)	ti	11	Ħ		0.500	ND	**	
Methyl tert-butyl ether	•	11	19		2.50	ND	**	
Surrogate: a,a,a-Trifluorotoluene	11	u	n	65.0-135		109	%	
Surrogate: 4-Bromofluorobenzene	11	n	n	65.0-135		92.3	H	
MW-11			P00366)5-11			Water	
Gasoline	0030687	3/29/00	3/29/00	75-11	50.0	ND	ug/l	
Benzene	11	11	0		0.500	ND	и	
Toluene	If	11	10		0.500	ND	**	
Ethylbenzene	16	п	10		0.500	ND	11	
Xylenes (total)	10	11	19		0.500	ND	11	
Methyl tert-butyl ether	19	11	10		2.50	ND	11	
Surrogate: a,a,a-Trifluorotoluene	11	н	"	65.0-135	2.00	110	%	
Surrogate: 4-Bromofluorobenzene	"	#	"	65.0-135		92.3	"	
MW-12	004000	4 /2 /00	P00360	<u>)5-12</u>	~ 0.0	» Tr»	<u>Water</u>	
Gasoline	0040007	4/3/00	4/3/00		50.0	ND	ug/l	
Benzene	16				0.500	ND		
Toluene	11	11	it ii		0.500	ND	11	
Ethylbenzene	11		"		0.500	ND	11	
Xylenes (total)		11			0.500	ND	11	
Methyl tert-butyl ether	11	II			2.50	ND	**	
Surrogate: a,a,a-Trifluorotoluene	н	# 		65.0-135		108	%	
Surrogate: 4-Bromofluorobenzene	"	"	n	65.0-135		91.3	11	
<u>MW-13</u>			P00360) <u>5-13</u>			Water	
Gasoline	0030739	3/30/00	3/30/00		50.0	ND	ug/l	
Benzene	n	11	11		0.500	2.32	H.	
Toluene	r)	19	*1		0.500	ND	41	

Sequoia Analytical - Petaluma





Conor Pacific / EFW 2650 East Bayshore Rd. Palo Alto, CA 94303 Project: B&C Gas Mini Mart

Sampled: 3/21/00 to 3/23/00

Project Number: BNC103
Project Manager: Kris Johnson

Received: 3/24/00 Reported: 4/4/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

MW-13 (continued) P003605-13 Water		Batch	Date	Date	Surrogate	Reporting			
Ethylbenzene	Analyte	Number	Prepared	Analyzed	Limits	Limit	Result	Units	Notes*
Ethylbenzene	MW-13 (continued)			ው	\5_13			Water	
Note Note		0020720	3/20/00		<u>^-17</u>	0.500	מוא		
Methyl tert-butyl ether	=								
Note Part Part	• •								
Posterogate: 4-Bromofluorobenzene					65.0 105	2.50			
D-1									
Gasoline	Surrogate: 4-Bromofluorobenzene	п	п	U	65. <i>0-135</i>		92.7	и	
Gasoline	<u>D-1</u>			<u>P00</u> 360) <u>5-14</u>			Water	
Benzene " " " " " " " " " " " " " " " " " "	Gasoline	0040007	4/3/00		_	50.0	ND		4
	Benzene							n -	
	Toluene	16	er e	11			ND	11	
Note Note		16	11	H				*1	
Methyl tert-butyl ether " " " 2.50 ND " Surrogate: a,a,a-Trifluorotoluene " " " 65.0-135 108 % Surrogate: 4-Bromofluorobenzene " " " 65.0-135 92.0 " D-2 P003605-15 Water Gasoline 0040007 4/3/00 4/3/00 50.0 ND ug/l Benzene " " " 0.500 ND " Foluene " " " 0.500 ND " Bethylbenzene " " " 0.500 ND " Xylenes (total) " " " 0.500 ND " Methyl tert-butyl ether " " " 65.0-135 108 %	•	II.	91	II .			= :	n	
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene " " 65.0-135		R	11	Ħ				n	
P03605-15 Water Surrogate: 4-Bromofluorobenzene " " " 65.0-135 92.0 "		"	п	····	65.0-135		·	%	
Gasoline 0040007 4/3/00 4/3/00 50.0 ND ug/l Benzene " " 0.500 ND " Foluene " " 0.500 ND " Ethylbenzene " " 0.500 ND " Kylenes (total) " " 0.500 ND " Methyl tert-butyl ether " " 2.50 ND " Surrogate: a,a,a-Trifluorotoluene " " 65.0-135 108 %	Surrogate: 4-Bromofluorobenzene	"	u	u			92.0		
Gasoline 0040007 4/3/00 4/3/00 50.0 ND ug/l Benzene " " 0.500 ND " Foluene " " 0.500 ND " Ethylbenzene " " 0.500 ND " Kylenes (total) " " 0.500 ND " Methyl tert-butyl ether " " 2.50 ND " Surrogate: a,a,a-Trifluorotoluene " " 65.0-135 108 %	D-2			ው	15-15			Water	
Benzene " " " 0.500 ND " Foluene " " " 0.500 ND " Ethylbenzene " " 0.500 ND " Xylenes (total) " " 0.500 ND " Methyl tert-butyl ether " " 0.500 ND " Surrogate: a,a,a-Trifluorotoluene " " 65.0-135 108 %		በበፈለበበን	4/3/00		<u> </u>	50.0	מע		
Toluene									
Controller		н	II.	n				16	
Surrogate: a,a,a-Trifluorotoluene									
Methyl tert-butyl ether " " " 2.50 ND " Surrogate: a,a,a-Trifluorotoluene " " " 65.0-135 108 %									
Surrogate: a,a,a-Trifluorotoluene " " 65.0-135 108 %									
					/F 0 102	2.50			
Surrogate: 4-Bromofluorobenzene " " " 65.0-135 94.7 "									
	Surrogate: 4-Bromofluorobenzene	"	n	11	65.0-135		94.7	11	





Conor Pacific / EFW Project: B&C Gas Mini Mart Sampled: 3/21/00 to 3/23/00

2650 Fast Raychore Rd Project Number: BNC103

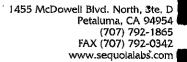
Received: 3/24/00

2650 East Bayshore Rd.Project Number:BNC103Received:3/24/00Palo Alto, CA 94303Project Manager:Kris JohnsonReported:4/4/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control Sequoia Analytical - Petaluma

	Date	Spike	Sample	QC		Reporting Limit	Recov.	RPD	RPD		
Analyte	Analyzed	Level	Result	Result	Units	Recov. Limits	%	Limit	% Notes		
Batch: 0030687	Date Prepa	red: 3/28/0	00		Extrac	Extraction Method: EPA 5030 waters					
Blank	0030687-BI		_			•					
Gasoline	3/28/00			ND	ug/l	50.0					
Benzene	10			ND	"	0.500					
Toluene	it			ND	11	0.500					
Ethylbenzene	19			ND	IR	0.500					
Xylenes (total)	н			ND	H	0.500					
Methyl tert-butyl ether	н			ND	и	2.50					
Surrogate: a,a,a-Trifluorotoluene	"	300		331	n	65.0-135	110				
Surrogate: 4-Bromofluorobenzene	H	300		283	H	65.0-135	94.3				
Blank	0030687-BI	L <u>K2</u>									
Gasoline	3/29/00			ND	ug/l	50.0					
Benzene	H			ND	N T	0.500					
Toluene	H			ND	*1	0.500					
Ethylbenzene	41			ND	*11	0.500					
Xylenes (total)	et .			ND	#	0.500					
Methyl tert-butyl ether	și și			ND	#1	2.50					
Surrogate: a,a,a-Trifluorotoluene	"	300		316	н	65.0-135	105				
Surrogate: 4-Bromofluorobenzene	u	300		282	"	65.0-135	94.0				
LCS	0030687-B										
Benzene	3/28/00	100		101	ug/l	65.0-135	101				
Toluene	**	100		100	11	65.0-135	100				
Ethylbenzene	11	100		95.2	16	65.0-135	95.2				
Xylenes (total)	11	300		296	17	65.0-135	98.7				
Surrogate: a,a,a-Trifluorotoluene	ll .	300		323	11	65 0-135	108				
LCS	0030687-BS										
Gasoline	3/29/00	1000		975	ug/l	65.0-135	97.5				
Surrogate: 4-Bromofluorobenzene	"	300		291	11	65.0-135	97.0				
Matrix Spike	0030687-M		003563-02								
Benzene	3/28/00	100	ND	102	ug/l "	65.0-135	102				
Toluene	41	100	ND	103		65.0-135	103				
Ethylbenzene	91 	100	ND	97.8	11	65 0-135	97.8				
Xylenes (total)		300	ND	303	11	65.0-135	101				
Surrogate: a,a,a-Trifluorotoluene	n	300		321	н	65 0-135	107				
Matrix Spike Dup	0030687-M		003563-02	100	a	65.0.105	100	20.0	0		
Benzene	3/28/00	100	ND	102	ug/l "	65.0-135	102	20.0	0		
Toluene	ŧ1	100	ND	102	17	65.0-135	102	20.0	0.976		

Sequoia Analytical - Petaluma





Conor Pacific / EFWProject:B&C Gas Mini MartSampled:3/21/00 to 3/23/002650 East Bayshore Rd.Project Number:BNC103Received:3/24/00Palo Alto, CA 94303Project Manager:Kris JohnsonReported:4/4/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by ERA 8015M/8020M/Quality Control Sequoia Analytical - Petaluma

	Date	Spike	Sample	QC		Reporting Limit		RPD	RPD	
Analyte	Analyzed	Level	Result	Result	Units	Recov. Limits	%	Limit	%	Notes
		~~~								
Matrix Spike Dup (continued)	0030687-M		003563-02	<b>*</b>			0-1	• • •	0 =	
Ethylbenzene	3/28/00	100	ND	97.1	ug/l	65.0-135	97.1	20.0	0.718	
Xylenes (total)	If	300	ND	301	**	65.0-135	100	20.0	0.995	
Surrogate: a,a,a-Trifluorotoluene	tt	300		332	" "	65.0-135	111			
Batch: 0030739	Date Prepa		<u>00</u>		Extra	ction Method: EP.	A 5030 w	aters		
Blank	<u>0030739-BI</u>	<u>LK1</u>								
Gasoline	3/30/00			ND	ug/l	50.0				
Benzene	II .			ND	Ц	0.500				
Toluene	11			ND	II.	0.500				
Ethylbenzene	11			ND	lt	0.500				
Xylenes (total)	n			ND	18	0.500				
Methyl tert-butyl ether	11			ND	ŧ <del>†</del>	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	300		325	"	65.0-135	108			
Surrogate: 4-Bromofluorobenzene	H	300		286	u	65:0-135	95.3			
LCS	0030739-BS	<u>51</u>								
Gasoline	3/30/00	1000		977	ug/l	65.0-135	97.7			
Surrogate: 4-Bromofluorobenzene	II .	300		300		65.0-135	100			
Matrix Spike	0030739-M	<u>S1 P</u>	003612-01							
Gasoline	3/30/00	1000	114	1010	ug/l	65.0-135	89.6			
Surrogate: 4-Bromofluorobenzene	п	300		293	"	65.0-135	97.7			
Matrix Spike Dup	0030739-M	SD1 P	003612-01							
Gasoline	3/30/00	1000	114	1010	ug/l	65.0-135	89.6	20.0	0	
Surrogate: 4-Bromofluorobenzene	#	300		289		65.0-135	96.3			
Batch: 0040007	<u>Date Prepa</u>	red: 4/2/0	<u>Q</u>		<u>Extra</u>	ction Method: EP	<u>A 5030 w</u>	aters		
Blank	0040007-BI	L <u>K1</u>								
Gasoline	4/2/00	_		ND	ug/l	50.0				
Benzene	n			ND	ıı Ö	0.500				
Toluene				ND	111	0.500				
Ethylbenzene	ti			ND	W.	0.500				
Xylenes (total)	n			ND	п	0.500				
Methyl tert-butyl ether	•			ND	II	2.50				
Surrogate: a,a,a-Trifluorotoluene	11	300	· · · · · · · · · · · · · · · · · · ·	303	"	65.0-135	101			
Surrogate: 4-Bromofluorobenzene	n	300		290	"	65.0-135	96.7			
Blank	0040007-B)	LK2								
Gasoline	4/3/00			ND	ug/l	50.0				
	4/3/00 II			ND	11	0.500				
Benzene				ND		0.300				

Sequoia Analytical - Petaluma



Conor Pacific / EFW Project: B&C Gas Mini Mart Sampled: 3/21/00 to 3/23/00

2650 Fact Bayshara Pd Project Number: BNC103 Received: 3/24/00

2650 East Bayshore Rd.Project Number:BNC103Received:3/24/00Palo Alto, CA 94303Project Manager:Kris JohnsonReported:4/4/00

# Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control Sequola Analytical - Petaluma

	Date	Spike	Sample	· QC		Reporting Limit		RPD	RPD	
Analyte	Analyzed	Level	Result	Result	Units	Recov. Limits	%	Limit	%	Notes*
Blank (continued)	0040007-BLJ	<u>K2</u>								
Toluene	4/3/00			ND	ug/l	0.500				
Ethylbenzene	ш			ND	11	0.500				
Xylenes (total)	II.			ND	11	0.500				
Methyl tert-butyl ether	11			ND	11	2.50			·····	
Surrogate a,a,a-Trifluorotoluene	ti .	300		321	н	65.0-135	107			
Surrogate: 4-Bromofluorobenzene	H	300		279	"	65.0-135	93.0			
LCS	0040007-BS1	<u>L</u>								
Benzene	4/2/00	100		104	ug/l	65.0-135	104			
Toluene	11	100		104	11	65.0-135	104			
Ethylbenzene	10	100		97.8	tı	65.0-135	97.8			
Xylenes (total)	n	300		303	ц	65.0-135	101			
Methyl tert-butyl ether	10	100		95.2	11	65.0-135	95.2			
Surrogate: a,a,a-Trifluorotoluene	"	300		307	n .	65.0-135	102			
LCS	0040007-BS2	2								
Gasoline	4/3/00	1000		918	ug/I	65.0-135	91.8			
Surrogate: 4-Bromofluorobenzene	H	300		285	H	65.0-135	95.0			
Matrix Spike	0040007-MS	1	P003623-09							
Benzene	4/2/00	100	ND	109	ug/l	65.0-135	109			
Toluene	11-	100	0.534	110	11	65.0-135	109			
Ethylbenzene	I†	100	ND	103	It	65.0-135	103			
Xylenes (total)	(1	300	ND	318	II.	65.0-135	106			
Methyl tert-butyl ether		100	ND	96.7	(1)	65.0-135	96.7			
Surrogate: a,a,a-Trifluorotoluene	ıı .	300		336	μ .	65.0-135	112			
Matrix Spike Dup	0040007-MS		P003623-09							
Benzene	4/2/00	100	ND	108	ug/l	65.0-135	108	20.0	0.922	
Toluene	11	100	0.534	110	п	65.0-135	109	20.0	0	
Ethylbenzene	TI .	100	ND	103	II	65.0-135	103	20.0	0	
Xylenes (total)	(f	300	ND	316	11	65.0-135	105	20.0	0.948	
Methyl tert-butyl ether	11	100	ND	94.1	11	65.0-135	94.1	20.0	2.73	
Surrogate: a,a,a-Trifluorotoluene	H	300		335	н	65.0-135	112	,		

Sequoia Analytical - Petaluma





Conor Pacific / EFW Project: B&C Gas Mini Mart Sampled: 3/21/00 to 3/23/00 2650 East Bayshore Rd. Project Number: BNC103 Received: 3/24/00

Palo Alto, CA 94303 Project Manager: Kris Johnson Reported: 4/4/00

#### **Notes and Definitions**

# Note

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

Recov. Recovery

RPD Relative Percent Difference



CHAIN OF CUSTODY

Segulia
CONTRACT LABORATORY: PHAIMMA TU TURN-AROUND TIME: Amadard PO#___

Project No.	l some and a contract of the c									_	Analyses		
Sampler(s): (printed) (signature)											ATES, IMPRE		
Sample	Lab	Colle	ction	Moteix	Depth	Container	Inform	ation		TO HOT			
I.D.	I.D.	Date	Time	Matrix	Depui	Type/Volume	Qnty	y Filt Prsrv			E//// Remarks		
					<u> </u>				12	V24 40			
									L-F	HCI			
MW		3/22/00		water		7003605-61	3	7		3	- AN EDOUGTORY CEALS IN INC. 1 TO I HERE!		
MW-2		3 23 00	1309			) 2	3			3			
MW-3	: 	J	1210			3	3			3			
MW-A		3 22100	1432			4	3			3			
WW5		3/23/20	1120		ļ . <b></b>	5	3			3			
MWY		3/22/00	1642		ļ	6	3			3			
MWJ		3 23 00	1037		ļ	7	3			3			
MW-B		3/21/20	1031			8	3			3			
MW-9		and the section of th	1515			9	3			3			
GILMM		V	1712		<u></u>	10	3			3			
MW-11		3/22/00	1229		<u></u>	l l	3			3			
MW-12		1	1107		<u> </u>	12	3			3			
MW13		3/21/00	1557				3			3			
D-1		3/21/00	1315			14	3			3			
D-2		4	1145		! 	V 15	3			3			
ms mwo(		nosav	ψu	V				1					
Relinguished by: (signature)				Received by: (signature)  Date/Timej					124/00	)	Send Results To: Attn: V415 John Son EINARSON, FOWLER & WATSON		
Relinquished by (s	signalure)			Received by: (signature)  Date/Time.  3-2 ½						2650 East Bayshore Road Palo Alto, CA 94303			
Relinquished by: (	(signature)	~		Received by:	(signature) UM	M _		Date/Tin	ne: 2C/-	14:	Phone (650) 843-3828 Fax (650) 843-3815		