QUARTERLY GROUND WATER SAMPLING AND ANALYSIS

2075 WILLIAMS STREET SAN LEANDRO CALIFORNIA

FOR

BLUE WATER SERVICES, INC.
OAKLAND
CALIFORNIA



FEBRUARY 7, 2001 99-ENV187E



February 7, 2001 99-ENV187E

Mr. Chris Kirschenheuter Blue Water Services, Inc. 727 77th Avenue Oakland, California 94621

Subject:

Quarterly Ground Water Sampling and Analysis Report

2075 Williams Street

San Leandro, California 94577

Dear Mr. Kirschenheuter:

This report describes the Quarterly Ground Water Sampling and Analysis at the site located at 2075 Williams Street, San Leandro, California.

One of the four copies is for your file. The other three copies should be forwarded to Roger Brewer (Regional Water Quality Control Board), Eva Chu (Alameda County Environmental Health) and Michael Bakaldin (City of San Leandro). Their addresses can be found on the site contacts page in the report.

Should you have any questions regarding this report, please contact the undersigned.

Sincerely,

Basics Environmental

Donavan G. Tom, M.B.A., R.E.A.

Principal Consultant

GW.LTR

SITE CONTACTS

Site Name: Former Freight Terminals Facility Site Address: 2075 Williams Street San Leandro, California 94577 Owner: Chris Kirschenheuter Bluewater Services Inc. 727 77th Avenue Oakland, California 94621 (800) 536-6702 Owner's Consultant: **Basics Environmental** 116 Glorietta Boulevard Orinda, California 94563 (925) 258-9099 Project Manager: Donavan G. Tom Former Owner: Michael D. Kevitch Watkins Motor Lines, Inc. 1144 W. Griffin Road Lakeland, Florida 33804-5002 Former Owner's Consultant: Atlantic Geosciences, Inc. 1300 S. Rossiter Terrace Watkinsville, Georgia 30677 (706) 310-0319 Regulatory Oversight: Roger Brewer Regional Water Quality Control Board San Francisco Bay Region (. 1515 Clay Street, Suite 1400 Oakland, California 94612 (510) 622-2374 Eva Chu Alameda County Environmental Health Department 1131 Harbor Bay Parkway, 2nd Floor Alameda, California 94502 (510) 567-6770

> 3. 835 East 14th Street, Suite 200 San Leandro, California 94577

San Leandro Environmental Services

(510) 577-3319 ext. 31

Michael Bakaldin City of San Leandro

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PROFESSIONAL CERTIFICATION

REPORT
QUARTERLY GROUND WATER
SAMPLING AND ANALYSIS
BLUEWATER SERVICES, INC.
2075 WILLIAMS STREET
SAN LEANDRO, CALIFORNIA
99-ENV187E
FEBRUARY 7, 2001

This report has been prepared by the staff of Basics Environmental (Basics) under the professional supervision of the Principal Consultant whose seal and signature appears hereon. The findings, interpretations of data, recommendations, specifications or professional opinions are presented within the limits prescribed by available information at the time the report was prepared, in accordance with generally accepted professional engineering and geologic practice and within the requirements by the Client. There is no other warranty, either expressed or implied.

The data and findings of this report are based on the data and information obtained from the agreed upon scope of work between Basics and the Client. Because contamination is not necessarily evenly distributed across the property's soils and ground water, it can easily remain undetected. Additional scope of services (at greater cost) may or may not disclose information which may significantly modify the findings of this report. We accept no liability on completeness or accuracy of the information presented and or provided to us, or any conclusions and decisions which may be made by the Client or others regarding the subject site.

This report was prepared solely for the benefit of Basic's Client. Basics consents to the release of this report to third parties involved in the evaluation of the property for which the report was prepared, including without limitation, lenders, title companies, public institutions, attorneys, and other consultants. However, any use of or reliance upon this report shall be solely at the risk of such party and without legal recourse against Basics, or its subcontractors, affiliates, or their respective employees, officers, or directors, regardless of whether the action in which recovery of damage is sought is based upon contract, tort (including the sole concurrent or other negligence and strict liability of Basics), statute or otherwise. This report shall not be used or relied upon by a party that does not agree to be bound by the above statements.

No. 20039

Expires: 11 11

Donavan G. Tom, M.B.A., R.E.A. II

Principal Consultant

1.0 INTRODUCTION

1.1 Purpose of Investigation

Basics Environmental (Basics) has performed this Ground Water Well Monitoring for Blue Water Services, Inc. pursuant to our letter of engagement signed January 16, 2001. The "subject site" is at 2075 Williams Street, San Leandro, California (See Drawing 1).

1.2 Background

On June 23 1995, a Phase I Environmental Site Assessment was performed by Blymer Engineers for Freight Terminals, Inc. Potential environmental concerns were indicated at the property located at 2075 Williams Street in San Leandro, CA. As a result, Blymer Engineers performed a Subsurface Investigation which included the drilling of four soil borings (B-1 through B-4) by geoprobe and the collection of both soil and ground water samples. Ground water was encountered at an approximate depth of 16 feet in each of the borings. Two of the ground water samples were selected for analytical testing. Both ground water samples detected the presence of Trichloroethylene (TCE) and Tetrachloroethlyene (PCE). The concentrations were elevated along the eastern boundary of the site which is presumed to be the up gradient portion of the site. The source of the TCE and PCE was not known but was thought to be from an off-site source.

On February 5, 1997 Atlantic Geoscience, Inc. (AGI) performed an preliminary investigation which included the drilling of six additional soil borings (SB-1 through SB-6) by geoprobe and the collection of both soil and ground water samples to further evaluate the possible source and extent of contamination at the site. Five of the six borings were converted to ground water monitoring wells (MW-1, MW-2, MW-3, MW-4 and MW-6). The investigation determined that the direction of ground water flow was to the west, towards the San Francisco Bay at a depth of approximately 15 feet. The plume was found to extend beyond the property boundaries in both the up-gradient and down gradient directions. Soils were analyzed and found to contain low concentrations of both PCE and TCE with the most elevated concentrations detected up gradient from the site property. However, the most elevated PCE and TCE concentrations in the ground water were detected near the center of the site. The report concluded that the origin of the source for the contaminants was unknown and that a more thorough investigation would be required.

AGI submitted a second work plan to the Regional Water Quality Control Board (RWQCB). This plan included a review of data from the adjacent PRINTPAC property, located down gradient from the site. The PRINTPAC data indicated that the extent of the plume was near the center of their property and that the ground water gradient was also generally to the west. In addition, the PRTNTPAC data indicated that the ground water velocity was approximately 1 ft/day. AGI then submitted a revised work plan to further evaluate the horizontal and vertical extent of the contaminant plume. This report is a summary of the second investigation.

On November 30, 1998, AGI performed additional investigation under an approved work plan submitted to the RWQCB. This investigation included the drilling of four additional geoprobe wells and the collection of both soil and ground water samples at various depths. Two borings (SB-11 and SB-13) were drilled on the adjacent up gradient property (Crane Valve Co.) with two borings (SB-10 and SB-12) drilled on the Freight Terminals property. One of the four borings was converted to a ground water monitoring well (MW-10). Prior to drilling, the drilling materials were cleaned using an Alconox solution. As the drilling advanced, soil samples were collected at 5', 10', and 15' intervals by use of a previously cleaned tube sampler and described by a site geologist. Borings SB-10 and SB-11 were drilled to an approximate depth of 50 feet while borings B-12 and B-13 were drilled to an approximate depth of 18 feet. Water samples were collected from each of the borings at a depth of 18 feet. In addition a water sample from borings B-12 and B-13 were also collected at depths of 33 feet and 50 feet. After drilling operations, the borings were sealed with bentonite and a concrete plug was place at the surface. In addition to the drilling program, AGI also collected ground water samples from the existing wells MW-3, MW-4, and MW-6 to evaluate the contaminant plume shape and change over time.

In June and September 2000, AGI implemented an interim remedial action plan under an approved work plan submitted to the RWQCB. This plan included the drilling of seven additional geoprobe wells (SB-3a, SB-10a, SB-14, SB-15, SB-15a, SB-16 and SB-16a) and the collection of both soil and ground water samples at various depths. All of the seven of the borings were converted to ground water monitoring wells (MW-3a, MW-10a, MW-14, MW-15, MW-15a, MW-16 and MW-16a). MW-3a, MW-10a, MW-15a and MW-16a are 1-inch wells specifically installed to address the impact to ground water within the deeper sand zone at the subject site. In addition, 19 passive vapor extraction wells were installed in a perimeter surrounding the terminal building

where the bulk of the contaminants appear to be located. The passive wells were constructed using slotted 2-inch PVC pipe from a depth of 41 feet to 42 feet with 31 feet the most common. However, in vapor well/monitoring MW-15 the sand was encountered at a depth of 42 to 59 feet. As such the vapor well was extended to a depth of 60 feet in this location. A 1/4-inch vapor vent was installed to allow the vapors to discharge.

1.3 Site Geology and Hydrogeology

The site is located San Francisco Bay region approximately 3000 ft. east of San Francisco Bay. The area is characterized by a flat lying terrain with a relief on the order of 50 feet (elev. 0 + to elev. $50 \pm$). The site is at approximate elev. 20. The land slopes to the south and southwest towards San Francisco Bay.

The San Francisco Bay area is a northwest-southeast trending region within the Coast Range Province. Rocks within the region range from Jurassic aged sedimentary, metamorphic, and plutonic basement rocks to Holocene alluvium. The geologic structure of the region is controlled by several fault systems. The San Andreas system is located on the western side of the bay while the Hayward system is on the east side of the bay. These faults are a result of the tectonic forces that uplifted the Coast Range and dropped the section now covered by San Francisco Bay and associated alluvium deposits.

The site is located on Quaternary Alluvium. This Alluvium includes the Temescal Formation overlying the San Antonio Formation. These formations generally consist of unconsolidated gravel, sand and clay. Soils at the site include the Danville silty clay loam. Ground water in the area is a part of the San Leandro Cone Subarea. The direction of ground water flow is usually to the west or southwest towards San Francisco Bay under unconfined conditions.

The materials encountered in the borings varied from location to location. In general the materials included dark gray, dark brown and medium brown slightly silty clay to approximately 10 feet. A shallow sand lense was encountered in MW-4 from 10 to 19.5 feet; MW-6, MW-10, and MW-11 from 27 to 28 feet; MW-13 from the surface to a depth of at least 15 feet; MW-15 from 10 to 59 feet. A deeper sand lense was encountered MW-3a from 50 to 56 feet; MW-10a from 28 to 42 feet; MW-6a from 30-42 feet;. Clay was then encountered in the borings.

Ground water historically has been encountered at an approximate depth of 12 to 15 feet in each boring. The top of each well was surveyed in 1997 as to relative elevation based on an assigned instrument elevation of 100 ft. The ground water gradient was calculated by AGI in 1997 and found to flow to the west at a gradient of 0.67 ft/ft.

2.0 GROUND WATER SAMPLING

2.1 Field Activities

On January 25 and January 29, 2001, the following scope of work was completed.

- The ground water in wells MW-3, MW-3A, MW-6, MW-10, MW-10A, MW-14, MW-15, MW-15A, MW-16 and MW-16A was monitored for floating product, and the depth to water in the well was measured with an optical interface probe and recorded on well gauging data sheets, which are included in Appendix A.
- Prior to sampling, the wells were purged using PVC pipes connected to a truck
 mounted vacuum pump. At least three casing volumes were extracted from each
 well. Temperature, pH, conductivity, and visual observations of the ground water for
 the well was recorded on a well monitoring data sheet, which is included in Appendix
 A.
- A ground water sample was collected from each of the wells and submitted to McCampbell Analytical, a California-certified laboratory, for petroleum hydrocarbon analysis to quarterly reporting requirements.

The ground water samples were collected using disposable bailers. The water samples were transferred from the bailers into appropriate pre-preserved containers supplied by the analytical laboratory. The samples were labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples were then placed in a cooler, maintained at 4° C for transport to the laboratory. Once collected in the field, the samples were maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and sample collector's name. The chain of custody was signed and dated (including time of transfer) by each person who received or surrendered the sample, beginning with the field personnel and ending with the laboratory personnel.

3.0 CHEMICAL ANALYSES AND RESULTS

3.1 Chemical Analyses

The ground water sample taken from the monitoring well was analyzed for the following:

Volatile Halocarbons (California EPA Method 8010).

3.2 Analytical Results

Results of chemical analyses on ground water sample collected on January 25, 2001 and January 29, 2001 are presented in **boldface** type in Table 1, along with previous results. Certified laboratory reports are presented in Appendix B, including chain-of-custody record data.

TABLE I GROUNDWATER MONITORING DATA 2077 WILLIAMS STREET, SAN LEANDRO, CALIFORNIA, 2001

			Casing	Depth to	Groundwater	Concentra	tion (μ g/L)
Well	Screen	Date	Elevation	Water	Elevation	Tetrachloroethene	Trichloroethene
No.	(ft)		(ft msl)	(ft)	(ft msl)	(PCE)	(TCE)
B-1	ě	Feb-97	NM	12.19	٠	ND	ND
B-2	*	Feb-97	NM	12.16	(*)	ND	ND
MW-3	15-30	Feb-97	NM	15.08	1907	5,400	58
		Nov-98	NM	-		2,000	110
		Mav-00	NM	-	-	1.000	160
		Sep-00	NM	25	-	ND	ND
		Jan-01	NM	16.36	-	880	120
MW-3A	?-60	Sep-00	NM	60	220	15	ND
		Jan-01	NM	15.98		ND	ND
MW-4	13-28	Feb-97	NM	12.69		1,900	130
		Nov-98	NM	-	(40)	510	180
		Jan-01	NM	-	\$ * 0	NS	NS
MW-6	13-27	Feb-97	NM	11.86	12	65	10
		Nov-98	NM	-	37	53	13
		May-00	NM	-	3	44	18
		Sep-00	NM	25	13	38	19
		Jan-01	NM	13.53	38	35	20
B-10		Nov-98	NM	33	6	4,600	120
MW-10	10-25	May-00	NM	-	59	7.300	590
		Sep-00	NM	25	12	11,000	ND
		Jan-01	NM	15.29	<u> </u>	4,100	520
B-10A		Nov-98	NM	50	2	150	ND
MW-10A	?-42	Sep-00	NM	40	:::	390	ND
		Jan-01	NM	15.47	8	830	110
B-11	-	Nov-98	NM	33	€÷	200	49
3-12		Nov-98	NM	16	14	ND	90
B-13	500	Nov-98	NM	14.7	≅	240	ND
MW-14	10-25	May-00	NM	16	9	36	75
		Sep-00	NM	50	5	71	118
		Jan-01	NM	15.61		48	7.4

TABLE 1 (CONT.) GROUNDWATER MONITORING DATA 2077 WILLIAMS STREET, SAN LEANDRO, CALIFORNIA, 2001

			Casing	Depth to Groundwate		Concentration (µg/L)		
Well	Screen	Date	Elevation	Water	Elevation	Tetrachloroethene	Trichloroethene	
No.	(ft)		(ft msl)	(ft)	(ft msl)	(PCE)	(TCE)	
SB-15	?-60	Feb-97	NM	16	545	1.000	160	
MW-15		Sep-00	NM	60	-	130	9.4	
		Jan-01	NM	16.47	120	310	38	
MW-15A	?-36	Sep-00	NM	40	-	1,000	160	
		Jan-01	NM	16.69	12.7.	410	69	
MW-16	10-25	May-00	NM	16	=	01	ND	
		Sep-00	NM	25	34	90	ND	
		Jan-01	NM	13.91	52	38	ND	
MW-16A	?-38	Sep-00	NM	40	92	100	ND	
		Jan-01	NM	13.82	Ē	3,600	160	
Trip		Feb-97				<0.5	<0.5	
Blank		Nov-98				<0.5	<0.5	

B-# Grab water samples from boring.

MW-# Ground water sample from monitoring well.

ND Analyte NOT DETECTED at or above the reporting limit (<0.5)

NS Not sampled.
NM Not measured.
-- Not analyzed.

 μ g/L Micrograms per liter.

ft msl Feet relative to mean sea level.

4.1 <u>Discussion</u>

According to AGI, the source of the PCE contamination appears to be from a pre-1977 metal plating operation conducted within a former building located at the subject site. In addition, AGI believes the plume appears to have sunk by gravity downward into a coarse sand horizon.

Source Identification - Based on the soil test borings within the previous investigations, no substantial impact to the shallow subsurface soil has been identified. However, analytical results from shallow surface soil samples collected within the vicinity of MW-4, MW-10 and MW-13 indicate the highest concentrations of PCE (0.420 mg/kg, 0.690 mg/kg and 0.400 mg/kg, respectively). Based on this data, no significant amount of residual source material appear to exists within the vadose zone at the subject site. These levels may have decreased over time due to natural degradation or have sunk through the subsurface.

According to AGI, MW-10 may represent the original area of release due to the significant concentration of PCE (300 mg/kg) found within the soil at 15 feet below ground surface. However, MW-10 soil concentrations between 1 and 10 feet below ground surface were similar to those concentrations detected in the vicinity of MW-4 and MW-13. Due to the saturated zone fluctuating from 12 to 15 feet below ground surface, the elevated levels of PCE within the soil sample collected within MW-10 at 15 feet below ground surface may be due to the influence of the PCE ground water plume.

This reasoning suggests that the original area of release may be a combination of impacts to the subsurface within the vicinity of MW-4, MW-10 and MW-13. MW-4 and MW-13 are located within the adjacent up gradient site (Crane Valve Services). Since comparable levels of PCE have been discovered within the shallow subsurface soil samples collected within the adjacent up gradient site suggest a high probability that the original area of release may be a combination of impacts to the subsurface from the subject site and Crane Valve Services. As such, Crane Valve Services may also be a responsible party liable for ground water remediation.

According to AGI, the shape of the plume suggests that the ground water flow is not a large driving force to move the contaminant plume. In addition, AGI believes the plume appears to radiating outward primarily by dispersion. Based on the documents reviewed, significant levels of

99-ENV187E

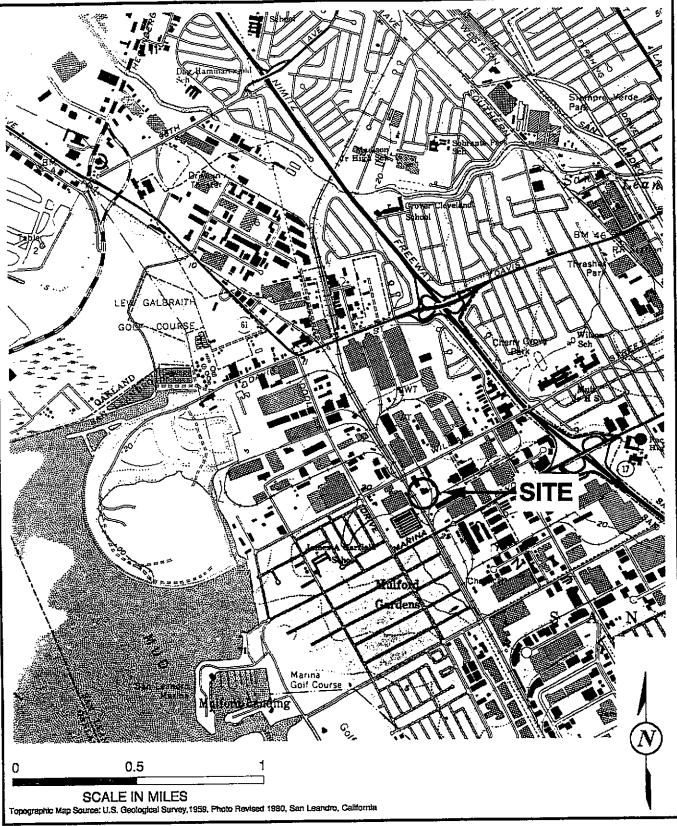
PCE (>200 μ g/L) have been detected within MW-3, MW-4, MW-10, MW-11, MW-13, W-3, W-5, and W-6. The highest levels of PCE (>2000 μ g/L) were detected in MW-3, MW-10 and W-5.

W-3, W-5 and W-6 are located on the adjacent down gradient site (James River Site). Additional breakdown components of PCE (TCE, DCA and VC) were also detected within the down gradient wells (W-3, W-5 and W-6), however, analytical results from soil samples collected at the adjacent down gradient James River site have not detected any levels of PCE.

At the time of these reports 1995-1998, the migration of ground water impacted with PCE and its derivatives were attributed to up gradient sources (1964 Williams Street and Caterpillar Tractor), however, recent ground water data suggests off-site migration of the PCE plume is generated from the vicinity of MW-4, MW-10 and MW-13. In addition, this data suggests the plume is influenced by the ground water flow.

The most recent ground water data collected (January 2001) has shown significant levels of PCE (>200 μ g/L) have been detected within MW-3, MW-10, MW-10a, MW-15, MW-15a and MW-16a. The highest level of PCE (4,100 μ g/L) was detected only in MW-10. However, high levels of PCE (3,600 μ g/L) were also detected in MW-16a. Recent off site ground water data was not available.

Interim Remedial Actions - Based on the information reviewed, the residual source material (original area of release to soil) has decreased over time due to natural degradation or has sunk through the subsurface. The ground water data suggest the passive remediation system appears to be decreasing the concentrations of PCE in the ground water. Based on this information, Basics recommends continued quarterly ground water monitoring to evaluate the progress of the passive ground water remediation system.



Site Location



Quarterly Ground Water Sampling and Analysis 2075 Williams Street San Leandro, California PROJECT NO. 99-ENV187E

DRAWING NO.

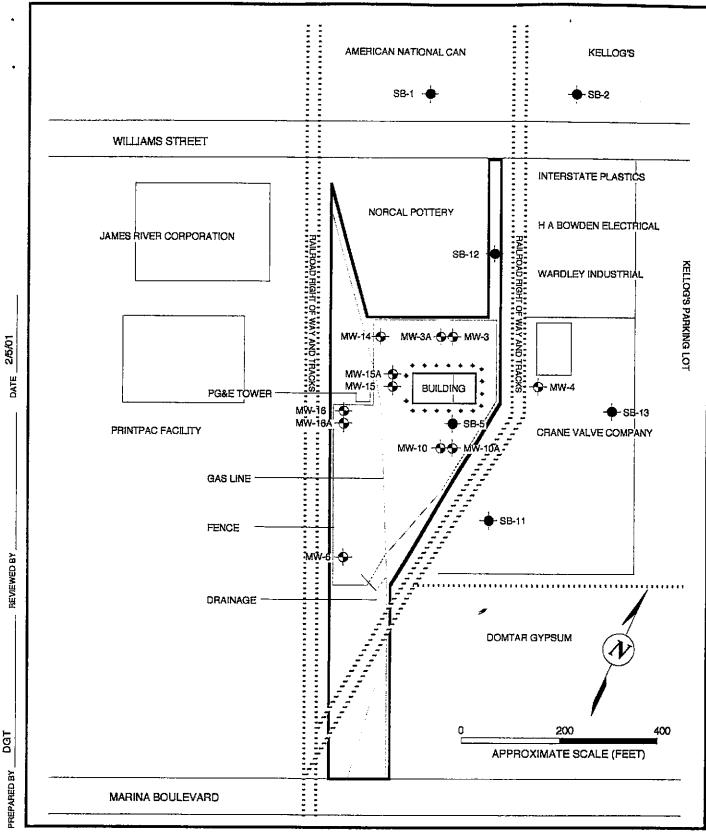
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REVIEWED BY

DGT

PREPARED BY



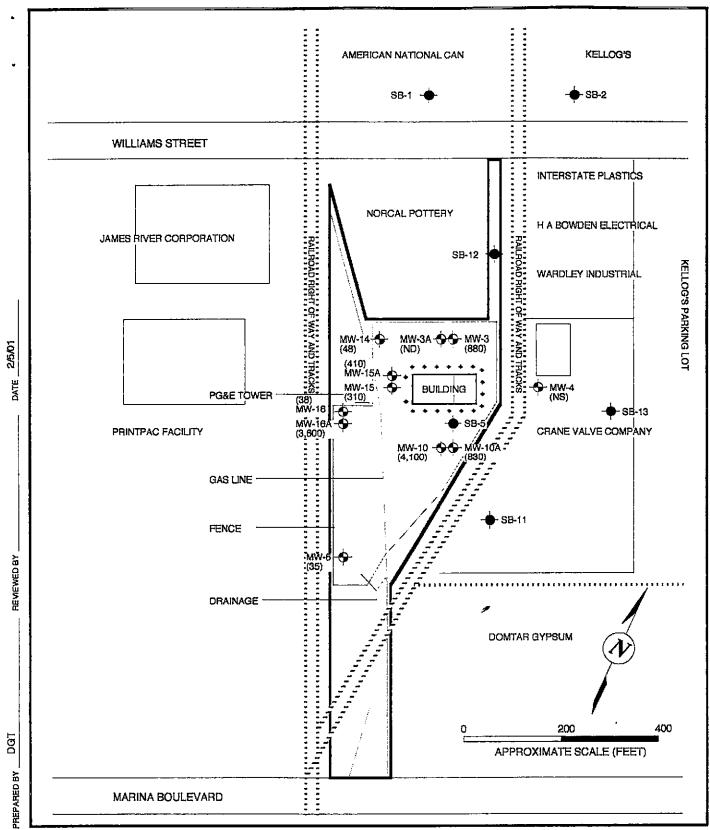
Ground Water Monitoring Well Locations



Quarterly Ground Water Sampling and Analysis 2075 Williams Street San Leandro, California PROJECT NO. 99-ENV187E

DRAWING NO.

2



PCE Concentrations in Ground Water (µg/L)



Quarterly Ground Water Sampling and Analysis 2075 Williams Street San Leandro, California PROJECT NO.

99-ENV187E

DRAWING NO.

3

APPENDIX A



1880 ROG AVENUE SAN JOSE, CALIFORNIA 95112 (408) 573-7771 FAX (408) 573-0555 PHONE

WELLHEAD SEECTION CHECKLIST
Client Basic Environmental
Site Address 2075 Williams St. Sanleard
Technician OA
Date 1/25/01

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		Date_1/25/01				
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1. Lici on box?	6. Casing secure?	12. Water standing in wellbox?	15. Well cap to	inctional?		
2. Lid braken?	7. Casing cut levei?	12a. Standing above the too of casing?	16. Can cap be			
3. Lid balts missing?	8. Debris in weilbox?	12b. Standing below the top of casing?	17. Can can se			
4. Lid bolts stripped?	9. Weilbox is too lar above grade?	12c. Water even with the top of casing?	18. Padlock pre			
5. Lid seal intact?	10. Weilbox is too far below grade?	13. Weil cap present?	19. Padlock fun			
	11. Weilbox is crushed/damaged?	14. Weil cao found secure?				
Check box	cif no deficiencies were found	. Note below deficiencies you we	re able to con	rect.		
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ote below all defiencie	es that could not be corrected and	i still need to be corrected.				
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avrent a	to Need z' Cap,					
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1680 ROGERS AVENUE SAN JOSE, CALIFORNIA 95112 (408) 573-7771 FAX (408) 573-0555 PHONE

WELLHEAD INSPECTION CHECKLIST Client Basics Env. Site Address 2075 Williams, San Lean L. Tachnicing Magain 14

			Date //27/0/			
4	NO 000					
1. Lid on box? 2. Lid broken? 3. Lid bolts missing? 4. Lid bolts stripped? 5. Lid seal intact?		 6. Casing secure? 7. Casing cut level? 8. Debris in wellbox? 9. Wellbox is too far above grade? 10. Wellbox is too far below grade? 11. Wellbox is crushed/damaged? 	12. Water standing in weilbox? 12a. Standing above the top of casing? 12b. Standing below the top of casing? 12c. Water even with the top of casing? 13. Well cap present?	15. Well cap functional? 16. Can cap be pulled loose 17. Can cap seal out water? 18. Padlock present? 19. Padlock functional?		
t		11. Wellow is distrest damaged?	14. Well cap found secure?			
	Check box i	f no deficiencies were found	. Note below deficiencies you we	re able to correct.		
Well I.D.	Deficiency		Corrective Action Taken			
···						
	•					
Vote below	all defiencies	that could not be corrected and	f still need to be corrected.			
Veil I.D. I	Persisting Defi	ciency	BTS Office assigns or defers Correction to:	Date Date assigned corrected		
Ma -154	No cap	Missin 12" both	BTS Ask make Reson			
		0	Please soft & Aun			
		·				

WELL GAUGING DATA

Project # <u>010125-41</u>	Date 1/25/61	Client Basic	Environ mendal
			THE WALL OF THE PERSON OF THE

Site 2075 Williams St. San Leandro Ca

				Thickness	Volume of			
	Well		Depth to	of	Immiscibles			Survey
	Size	Sheen/	Immiscible	Immiscible	Removed	Depth to water	Depth to well	
Well ID	(in.)	Odor	Liquid (ft.)	Liquid (ft.)	(ml)	(ft.)	bottom (ft.)	OTTOO
MW-3	2"		Total of the Company			16.36	29.31	
MW-3A MW 6	1,1					15.98 59.48	59.68	
mw6	2:1		A series () property (1353	24.46	
MW10	2"		The state of the s	,		15.29	25	
MW-10A	1"	- diponental or commen				15.47	40	
MW-14 MW-15	2.			Participant		15.61		
MW-15						構	\$ 59.69	
MW-1574	1 "				## 1	16/69	35.69	
MW-16	2"	and the desired to the second				13.91	25 اول 24	
MW-164	† **	and a second of the			An acceptant deployment	1382	37.81	7
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Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

WELL GAUGING DATA

Project # <u>010129-41</u>	_ Date	Client	Basics Enviormental
Site 2075 Williams	5am 100 - 10		

Well ID	Well Size (in.)	Sheen /	Depth to Immiscible	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water	Depth to well	
MW3A			7-14-15	Eiquia (II.)	(1111)	(ft.) /5.77	5945	or TOC
nw-vsa	and the second s	The state of the s				15.22	42.35	
NW-15A	of the second					16,39	34,95	
MW-164			TOTAL THE STATE OF	in the second se		13.69	37.85	A
		www.common.com	Management of the state of the	3.1.1.1				
	and the state of t	and the second of the second o	dy (new property of the state		The second secon	1	e production of the state of th	
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			A TO THE PERSON NAMED IN COLUMN 1	- I was a second		of the state of th	11.00	
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	and of the state o							
ma	- PO_CT - AT-REPORT	***************************************	Table of the state					

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

WELL MONITORING DATA SHEET

A CONTRACT OF THE PROPERTY OF	ONL'G PALE DIMEL				
Project #: 010125-41	Client: Basic E. Vironmental				
Sampler: C 📐	Start Date: 1/25/01				
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8				
Total Well Depth: 29.31	Depth to Water: 16.36				
Before: After:	Before: After:				
Depth to Free Product:	Thickness of Free Product (feet):				
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH				
Purge Method: Bailer Watetra Disposable Bailer Peristaltic Middleburg Extraction Pump Electric Submersible Other Gals.) X = 1 Case Volume Specified Volumes Calculated Vo	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: Well Diameter Muluplier Well Diameter Multiplier				
Time Temp (°F) pH Cond.	Turbidity Gals. Removed Observations				
1202 65,4 7.1 507	7200 2				
1206 663 6.9 511	7200 9				
1210 660 6.9 513	>200 6				
·					
Did well dewater? Yes (No	Gallons actually evacuated: 🖒				
Sampling Time: 12,5	Sampling Date: 1 25/01				
Sample I.D.: WW— 3	Laboratory: NC Campbell				
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC'S BY 80 10				
Equipment Blank I.D.: 🙃 Time	Duplicate I.D.:				
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:				
D.O. (if req'd'): Pre-purge:	ng/L Post-purge: ng/L				
ORP (if req'd): Pre-purge:	mV Post-purge: mV				

WELL MONITORING DATA SHEET Project =: 010125-41 Clienti Brisic Eviron mental 04 Sampler: Start Date: 1/25/0/ Well I.D.: MW-Co Well Diameter: 📵 3 6 Total Well Depth: 26.46 Depth to Water: 13, 53 Before: After: Before: After: Depth to Free Product: Thickness of Free Product (feet): Referenced to: D.O. Meter (if regid): Grade YSI HACH Purge Method: Sampling Method: Bailer Waterra Disposable Bailei Disposable Batier Peristaltic Extraction Port Middleburg Extraction Pump Dedicated Tubing Electric Submersible Other Other: Muntiplier

2.0) (Gals.) X _	<u> </u>	_ =	_ Gals.	0.04 4° 0.16 6°	1.47		
l Case Volum	,	ecified Volu	mes Calculated V	olume 3	0.37 Ot	her mains ^{2 *} 0.163		
Time	Temp (°F)	Нq	Cond.	Turbidity	Gals. Removed	Observations		
955	69.5	6.6	966	7200	2			
958	662	6.7	980	7250	4			
1001	45.0	6.7	984	7200	6			
Did well d	lewater?	Yes	(6)	Gallons actually evacuated: 6				
Sampling	Time: / (00 ST		Sampling Date: 1 25/51				
Sample I.I	D: 14	ث	(c	Laboratory: Nic Campbell				
Analyzed:	for: TPH-C	BTEX	MTBE TPH-D	Other: 40C's By 80 10.				
Equipment	Equipment Blank I.D.:				Duplicate I.D.:			
Analyzed i	for: трн-с	BTEN	MTBE TPH-D	Other:				
D.O. (if red	q'd):		Pre-purge:	mg/L	Post-purge:	mg/ /L		
ORP (if red	q'd):		Pre-purge:	mV	Post-purge:	mV		

WELL MONITORING DATA SHEET

			TA OFFICE A			
Project #: 010125	- 14)	Client: Basic Evironmental.				
Sampler: O 4		Start Date: 1/25/01				
Well I.D.: MW-11		Well Diamete	r: 🔘 3 4	ó 8		
Total Well Depth: 3	.55	Depth to Wate	ett 15.29			
Before: After		Before:		After:		
Depth to Free Product:		Thickness of I	Free Product (<u>f</u> e	et):		
Referenced to:	Grade	[D.O. Meter (ii	req'd):	YSI HACH		
Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible (Gals.) X I Case Volume Specified	Waterra Peristaltic Extraction Pump Other Cajouines Volumes Cajouined Volumes	Sampling Method Other Gals. Gals. J" 3"	Disposable Bailely Extraction Port Dedicated Tubing	Diameter Muluprier 0.65 1.47		
Time Temp (°F) pH		Turbidity	Gals. Removed	Observations		
1135 64.1 6.9	8 835	7200	1.5			
H100 65.1 6.9	713	7200	3			
1145 65.0 6.9	775	y 2000	4.5			
Did well dewater? Yes	(FID)	Gallons actual	ly evacuated:	4.5		
Sampling Time: 1150) 	Sampling Date	1125/0	· ·		
Sample I.D.: 🛶 🗘	 (0		10 Comob			
Analyzed for: TPH-G BT	EX MTBE TPH-D	Other: VOC'S	108 VE	> .		
Equipment Blank I.D.:	(d) Time	Duplicate I.D.:				
Analyzed for: TPH-G BT	EX MTBE TPH-D	Other:	· · · · · · · · · · · · · · · · · · ·			
D.O. (if req'd):	Pre-purge:	\frac{1}{105}\	Post-purge:	mg/ /L		
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV		

WELL MONITORING DATA SHEET

Project #: 010125-41	Client: Basic E. Vivonmental						
Sampler: 0 A	Start Date: 1/25/07						
Well I.D.: MW - 14	Well Diameter: © 3 4 6 8						
Total Well Depth: 24,12	Depth to Water: 15,61						
Before: After:	Before: After:						
Depth to Free Product:	Thickness of Free Product (feet):						
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH						
Purge Method: Bailer Waterra Disposable Bailer Peristaltic Middleburg Extraction Pump Electric Submersible Other 13 (Gals.) X 3 = 3.4 1 Case Volume Specified Volumes Calculated Volu	Sampling Method: Bailer Disposable Baile Extraction Port Dedicated Tubing Other: Well Diameter Violabiler Well Diameter Multiplier I" 0.04 4" 0.65 Gals. 5" 0.16 6" 1.47 3" 0.37 Other radius ** 0.163						
Time Temp (°F) pH Cond.	Turbidity Gals. Removed Observations						
1018 65.5 7.2 903	7200 1.5						
1021 665 6.9 898	7200 3						
1024 65.7 6.9 895	7200 1						
Did well dewater? Yes (No	Gallons actually evacuated: 4						
Sampling Time: 1030	Sampling Date: 1-25/0:						
Sample I.D.: WUD-14	Laboratory: Me Campbell						
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC'S BY 80 10						
Equipment Blank I.D.: @ Time	Duplicate I.D.:						
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:						
D.O. (if req'd): Pre-purge:	mg/L Post-purge: mg/L						
ORP (if req'd): Pre-purge:	mV Post-purge: mV						

WELL MONITORING DATA SHEET Clienti Basic Evil ron mental. Project #: 010125-41 Start Date: 1/25/0/ Sampler: Well I.D.: MW-15 Well Diameter: 59.69 Total Well Depth: 16.47 Depth to Water: Before: Before: After: After: Depth to Free Product: Thickness of Free Product (feet): PVC Referenced to: D.O. Meter (if req'd): Grade YSI HACH Purge Method: Sampling Method: Bailer Baiter Waterra Disposable Bailei Disposable Baile Peristaltic Extraction Port Middleburg\(\sigma^2\) Extraction Pump Dedicated Tubing Electric Submersible Other Othera Multiplier Muitiorier 0.04 0.650.16 6" 1.47 (Gals.) X 0.37 Other radius² * 0.163

il Case vojur	11¢ OD	ecilled A Oiffil	ies Calculated Vo	luine		
Time	Temp (°F)	Нg	Cond.	Turbidity	Gals. Removed	Observations
1105	61.8	7.1	714	7200	7	
11 11	62.6	7.0	712	7200	14	
1118	60,4	7.0	-111	>20	21	
Did well	lewater?	Yes (No	Gailons actuall	v evacuated: 7	21
Sampling	Time:	1123		Sampling Date	:1/25/0	
Sample I.l	D.: 1	<u>-</u>	15	Laboratory: &	Ac Campbe)]
Analyzed	for: TPH-0	3 BTEX	MTBE TPH-D	Other: VOC's	10 Campbe	
Equipmen	t Blank I.I	D.:	(?)	Duplicate I.D.:	-	
Analyzed	for: TPH-C	G BTEX	MTBE TPH-D	Other:		
D.O. (if re	q'd):		Pre-purge:	m <u>e</u> / 1,	Post-purge:	mg, /i
ORP (if re	q'd):		Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

								
Project =: 010125-41	Clienti Basic E.Vivonmental							
Sampler: D &	Stort Date: 1/2	Start Date: 1/25/0/						
Well LD: MW-16	Well Diameter:	Ĉ 3 <u>4</u>	ó 8 <u> </u>					
Total Well Depth: 24.61	Depth to Water:	13.91						
Before: After:	Before:		After:					
Depth to Free Product:	Thickness of Fr	ee Product (fee	t):					
Referenced to: PVC Grade	D.O. Meter (lif r	eq'd):	YSI HACH					
Purge Method: Bailer Waterra Disposable Bailet Peristaltic Middleburg Extraction Pump Electric Submersible Other (Gals.) X 3 = 5.0 I Case Volume Specified Volumes Calculated	Other:		<u>Diameter Multipfler</u> 0.65 1.47					
Time Temp (°F) pH Cond.	Turbidity	Gais. Removed	Observations					
1090 61.5 7.6 909	172	1.5						
1043 629 69 921	182	ري						
1046 63.1 6.9 427	190	5	,					
Did well dewater? Yes 🔊	Gallons actually	evacuated:	5					
Sampling Time: 10 50	Sampling Date:	1/25/0	1					
Sample I.D.: Mulling	Laboratory: 📯							
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC's	By 80 10	>					
Equipment Blank I.D.:	Duplicate I.D.:							
Analyzed for: TPH-G BTEK MTBE TPH-D								
D.O. (if req'd): Pre-purg	ge: mg ·	Post-purge:	mg/L					
ORP (if req'd): Pre-purg	ge: mV	Post-purge:	mV					

Projec	t#: 01012	29-41		Client: Be.	sics Emv.	
	et. MH			Start Date:		
Well I.	D.: NW-	34			ter: 2 3 4	1 6 8 (7)
Total V	Vell Depth	57.65			ter: /5.77	
Before:		After:		Before:	13.77	A.C.
Depth t	o Free Pro	duct:			D - 1	After:
Referen		PVC	Grade	D.O. Meter (Free Product (fe	et): YSI HACH
	Bailer Disposable Middleburg Electric Sub		Waterra Peristaltic Extraction Pump Other	Sampling Metho Othe	Disposable Bailer Extraction Port Dedicated Tubing	<u> </u>
/, 7 Case Volu		pecified Volur	= 5.2 mes Calculated V	Gals. 1"	eter Multiplier Well 0.04 4" 0.16 6" 0.37 Othe	Diameter Multipijer 0.65 1.47 er radius² * 0.163
Time	Temp (°F)		Cond.	Turbidity	Gals. Removed	Observations
1345	66.0	6.8	697	7200	2	
347	C6.0	66	673	>20c	4	
199	65.8	6.6	692	7200	6	
id well c	lewater?	Yes	No)	Gallons actual	ly evacuated: 6	
mpling	Time: /33	5/		Sampling Date		
): MW-5				1c Campbell	
nalyzed t			_	Other: VC	•	
uipment	Blank I.D).;	@	Duplicate I.D.:		
ialyzed f	Or: TPH-G	BTEX N		Other:		
O. (if rec	ı'd):		Pre-purge:	mg./ /1.	Post-purge:	mg _/

 mV

Pre-purge:

Pre-purge:

ORP (if req'd):

mg/L

mV

Post-purge:

Post-purge:

	<u> </u>		WELL MONI	TORING DA	TA SHEET	
Project	#: 01012			Client: Res		
	er: 194			Start Date:		
Well I.	D: MV-18	SA			er: 2 3 4	6 8 7
Total V	Vell Depth:	42.35		Depth to Wa	ter: /5,22	
Before:		After:		Before:		After:
Depth t	o Free Proc	duct:		Thickness of	Free Product (fee	=t):
Referer	nced to:	PVC	Grade	D.O. Meter (if req'd):	YSI HACH
Purge Me	Bailer Bailer Disposable I Middleburg Electric Sub		Waterra Peristaltic Extraction Pump Other	Sampling Metho Othe	Disposable Bailer Extraction Port Dedicated Tubing er:) Diameter Multiplier
/. <i>O</i> 1 Case Vol	(Gals.) X _ ume S	ک pecified Volum	$\frac{1}{\text{mes}} = \frac{3.2}{\text{Calculated Vol}}$		0.04 4" 0.16 6" 0.37 Other	0.65 1.47
Time	Temp (°F)	Hq	Cond.	Turbidity	Gals. Removed	Observations
1325	66.9	6.9	745	2200	/	
1326	66.7	6.8	751	2200	2	
1528	66.9	6.8	756	7200	135	
Did well	dewater?	Yes (No	Gallons actua	lly evacuated: "-	5
Samplin	g Time: عرا	10 <u> </u>		Sampling Dat	e: 1/29	
Sample 1	I.D.: MW-	10,4		Laboratory 1/6		
Analyze	d for: TPH	-G BTEX	MTBE TPH-D	Other: Vac	*	
Equipme	ent Blank I.	D.:	() Time	Duplicate I.D.		
Analyzed	d for: TPH-	G BTEX	MTBE TPH-D	Other:		
).O. (if i	req'd):		Pre-purge:	mg/ _{1.}	Post-purge:	mg/ /L

mV

Post-purge:

mV

Pre-purge:

ORP (if req'd):

•		DRING DAT		· · · · · · · · · · · · · · · · · · ·
Project #: 01029-41	,	Client: کوئرہ		
Sampler: 1001		Start Date: /	29/01	
Well I.D.: Mw-15A		Well Diameter	r: 2 3 4	68/
Total Well Depth: 34.95		Depth to Wate	r: 16.39	
Before: After:		Before:		After:
Depth to Free Product:		Thickness of F	ree Product (fe	eet):
Referenced to: PVC		D.O. Meter (if		YSI HACH
	та	Sampling Method: Other:	Disposable Bailer Extraction Port Dedicated Tubling	Diameter Multiplier
	(Calculated Volum	Gals. 2"	0.04 1" 0.16 6" 0.37 Oth	0.65 1.47
Time Temp (°F) pH	Cond.	Turbidity	Gals. Removed	Observations
1511 66.4 6.8 69	7.3	7200	/	
13/2 66.8 6.9 69	79	7200		
1313 66.9 6.9 70	03	7 <u>2</u> 20}	<i>^ 3</i>	
Did well dewater? Yes (No)	G	allons actually	v evacuated: j	}
Sampling Time: /3/5	Sa	ampling Date:	1/29	
Sample I.D.: Mw-154	La	aboratory: M	Canaphell	
Analyzed for: трн-д втех мтве	TPH-D Ot	ther Use S	Cangolas !!	
Equipment Blank I.D.:		uplicate I.D.:		
Analyzed for: трн-д втех мтве	TPH-D Ot	her:		
D.O. (if req'd):	Pre-purge:	mg, L	Post-purge:	mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV

			WELL MON	TORING DAT	(A SHEET	
Project	#: <u>010129</u>	-41		Client: ලිග	iks Env.	
Sample	II. JUH			Start Date:	1/29/01	
Well I.I	D: 11w-16	6A		Well Diamete		6 8 📿
Total W	Vell Depth:	J7.85		Depth to Wate		
Before:		After:		Before:		After:
Depth to	o Free Prod	duct:		Thickness of	Free Product (fe	
Referenc	ced to:	Co/C	Grade	D.O. Meter (ii		YSI HACH
Purge Metl	thod: Bailer Disposable E Middleburg Electric Subn		Waterra Peristaltic Extraction Pump Other	Sampling Method Other:	Disposable Bailer Extraction Port Dedicated Tubing	-
<i>0.9</i> 1 Case Voiu		pecified Volum		Gals. 1"	0.04 4" 0.16 6" 0.37 Othe	0.65 1.47
Time	Temp (°F)		Cond.	Turbidity	Gals. Removed	Observations
/300	65,5	6.3	665	7200	/	
1301	65.9	6.3	667	7200	2	
1302	65.9	6.4	669	200	3	
Did well (dewater?	Yes C	No)	Gallons actually	v evacuated;	
ampling	Time: /3	ey		Sampling Date:		
	D.: MW-10			Laboratory: /2		
	for: TPH-C			Other: 1/00		
quipmen	nt Blank I.I	D.:	(a).	Duplicate I.D.:		
	for: TPH-C			Other:		
.O. (if re	:q'd):		Pre-purge:	mg/L	Post-purge:	mg _/
RP (if re	q'd):		Pre-purge:	mV	Post-purge:	mV

Appendix B

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

Basics Environmental	Client Project ID: #010129-H1	Date Sampled: 01/29/01
116 Gloreitta Boulevard		Date Received: 01/30/01
Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 01/31-02/02/01
	Client P.O:	Date Analyzed: 01/31-02/02/01

Volatile Halocarbons EPA method 601 or 8010 59045 Lab ID 59043 59044 59046 Chent ID MW-3A MW-10A MW-15A MW-16A W W Matrix W W Compound Concentration ND-25 ND<50 **Bramodichloromethane** ND ND<10 ND<25 Bromoform ND ND<10 ND<50 Bromomethane ND ND<10 NDK25 ND<50 Carbon Tetrachloride" ND ND<10 ND<25 ND<50 Chlorobenzene ND ND<10 ND<25 ND<50 Chloroethune ND ND<10 ND×25 ND<50 2-Chloroethyl Vmyl Ether ** NO NIKIU ND<25 ND<50 Chloroform * ND ND<10 ND<25 ND<50 Chloromethane ND ND<10 ND<25 ND<50 ND ND<25 ND<50 Dibromochloromethane ND<10 ND<25 ND<50 1,2-Dichlorohenzene ND ND×10 1,3-Dichlorobenzene ND ND<10 ND<25 VD<50 1,4-Dichlorobenzene ND ND<10 ND<25 ND<50 Dichlorodifluoromethane ND ND<10 ND<25 ND<50 1,1-Dichlorocthanc ND ND<10 ND<25 ND<50 ND ND<10 ND<25 ND<50 1,2-Dichlomethane ND ND<25 ND<50 NDKID 1,1-Dichloroethene ND ND<25 ND<50 cis 1,2-Dichlornethane 28 ND<25 ND<50 ND trans 1,2-Dichloroethene ND<10 ND<25 ND<50 1,2-Dichloropropane ND ND<10 ND<50 cis 1,3-Dichloropropene ND ND<10 ND<25 ND<25 ND<50 trans 1,3-Dichloropropene ND ND < 10ND<210 Methylene Chloride ND NEX10 ND=25 NEX.25 ND<50 1,1,2.2-Tetrachloroethane ND ND<10 3600 ND 410 Tetrachlumethene 830 NDE 25 ND<50 1,1,1-Trichloroethane ND ND<10 ND<25 ND<50 ND ND<10 1,1,2-Trichloroethanc Trichloroethene ND 110 ND<25 ND<50 ND NE-10 Trichlorofluoromethane ND<25 ND<50 ND ND<10 Vinyl Chloride D 110 .98 46 99 % Recovery Surrogate

⁽b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than --5 vol. % sediment; (j) sample diluted due to high organic content.



Comments

water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and studge samples in ug/kg. wipe samples in ug/wipe Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

ent By: McCAMPBELL ANALYTICAL;

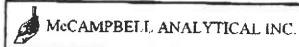
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mecampbell.com E-mail: main@mecampbelt.com

Busics Environmental	Client Project ID:	#010125-A1	Date Sampled: 01/25/01								
116 Gloreitta Boulevard			Date Received: 01/26/01								
Orinda, CA 94563	Client Contact: Do	navan Toni	Date Extracted:	01/26-02/01/01							
	Client P.O;	-	Date Analyzed:	01/2 6-02/0 1/01							
EPA method 601 or 8010	Volatile Halocarbous										
Lab ID	58811	58812	58813	58814							
Client ID	MW-6	MW-14	MW-16	MW-15							
Mairix	W	W	w	w							
Compound		Concent	ration								
Bromodichlongmerhane	ND	ND<1.0	ND<1.0	ND<5.0							
Bromoform ^{illi}	ND	ND≈1.0	ND<1.0	ND<5.0							
Romomerhane	ND	ND<1.0	ND<1.0	ND<5.0							
Carbon Tetrachloride's	ND	ND<1.0	ND<1.0	ND<5.0							
('hlorobenzene	ND	ND<1.0	ND<1.0	ND<5.0							
Chloroethane	ND	ND<1.0	NI>10	ND<5.0							
2-Chloroethyl Vinyl Ether th	NU	NF×1.0	ND<1.0	ND<5.0							
Chloroform to	ND	NI>1.0	ND<1.0	ND<5.0 ND<5.0							
Chioromethane	ND I	ND<1.0	ND<1.0								
Dibromochloromethune	ND	ND<1.0	ND<1.0	ND<5.0							
1,2-Dichlorobenzene	ND	ND<1.0	ND<1.0	NIX50							
1,3-Dichlorobenzene	NO	ND<1.0	ND<1.0	ND<5.0							
1.4-Dichlorobenzene	ND	NDs1.0	ND<1.0	ND<5.0							
Dichloredifluoromethane	ND	NIX10	ND<1.0	ND<5.0							
1.1-Dichloroethune	ND	ND<1.0	ND<1.0	ND<5.0							
2-Dichloroethane	ND	ND-1 II	ND<1.0	ND<5.0							
1,1-Dichlornethene	ND	N1><1.0	ND-1.0	ND<5.0							
un 1,2-Dichloroethene	0,70	1.4	ND-01.0	7.							
trans 1,2-Dichlerecthone	ND	N12<1.0	ND<1.0	ND<5.0							
1,2-Dichloropropane	ND	NDKL0	NDCI.0	ND<5.0							
cis 1,3-Dichloropropene	ND	ND<1.0	ND-c1 0	ND<5.0							
rans I 3-Dichloropropene	ND	ND<1.0	0,1>cin	ND<5.0							
Methylene Chloride th	ND	ND<1.0	ND<1.0	ND<5.0							
1,1,2,2-l'etrachloroethane	ND	ND<1.0	ND=10	ND-5.0							
Terrachioroethene	35	48	38	310							
1,1,1-Trichloroethane	ND	NDst.0	ND×1.0	ND<3.0							
,1,2-Trichloroethane	ND	ND<1,0	ND<1.0	ND<5.0							
Trichlomethene	20	74	ND<1.II	38							
Trichlorofiuoromethane	ND	ND<1.0	ND<1.0	ND<5.0							
Vinyl Chloride ^(a)	ND	ND<1,0	ND<1.0	ND<5.0							
% Recovery Surrogate	109	98	109	98							
Comments	1	4									

water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and studge samples in ug/kg, wipe samples in ug/wipe Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe NO means not detected above the reporting limit; N/A means unalyte not applicable to this analysis.

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethane) othene; (e) trichloromethane; (f) dichloromethane; (g) chloroethane; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than -5 vol. % sediment: (j) sample diluted due to high organic content.





110 2nd Avenue South, #177, Pachcoo, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com/E-mail: main@mccampbell.com/

Basics Environmental	Client Project ID:	#010125-A1	Date Sampled: 01/25/01							
116 Gloreitta Roplevard			Date Received: 01/26/01							
Orinda, CA 94563	Client Contact: De	onavan Tom	Date Extra	cted: 01/26-02/01/0						
	Client P.O:		Date Analy	yzed: 01/26-02/01/0						
EPA method 601 or 8010	Volatile	Volatile Halocarbons								
Lab ID	58815	58816								
Client ID	MW-10	MW-3								
Mairix	w	W		_						
Compound		Concenti	estion							
Dromodichloromethane	ND<50	NO<50	AAION							
Bromuformin	ND<50	ND<50								
Bromomethane	ND<50	ND<50								
Carbon Tetrachloride	ND<50	ND:50								
Chlorobenzene	ND<50	ND<50								
Chloroethane	ND<50	ND<50								
2-Chloroethyl Vinyl Ether ^{olf}	ND<50	ND<50								
Chloroform (a	ND<50	ND<50								
Chloromethane	ND:50	NI×50								
Dibromochloromethane	ND-50	ND<50								
1.2-Dichlorobenzene	NI2<50	ND<50								
3-Dichlorobenzene	ND<50	NIX50								
1,4-Dichlorobenzene	NDe50	NI><50								
Dichloroditluoromethane	ND<50	ND<50								
I.I-Dichloroethane	ND<50	ND<50								
1.2-Dichloroethane	ND<50	ND<50								
1.1-Dichloroethene	ND<50	ND<50								
is 1,2-Dichloroethene	170	ND<50								
rans 1.2-Dichloroethene	ND<50	ND<50	,	CT CT						
2-Dichloropropane	ND<50	ND<50								
is 1,3-Dichleropropene	ND<50	ND<50								
rass 1,3-Dichloropropene	ND<50	ND<50								
Methylene Chloride ^m	ND<90	ND<90								
1,2,2-Tetrachlosocthane	ND<50	ND<50								
etrachloroethene	4100	1880								
.1.1-Trichloroethane	ND<50	ND<30								
.1,2-Trichtoroethane	ND<50	ND<50	Yá _{,.}							
richlemethene	520	120								
nuhlorofluoromethane	ND<50	ND<50								
/inyl Chloride ^(g)	ND<50	ND<50								
Renwery Surrogate	108	96								
omments .		1								

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe Reporting limit unless otherwise stancd: water/TCLP/SPLP extracts, ND=0.5ug/L; soils and sludges, N1><5ug/kg; wipes, N1><0.2ug/wipe ND means and detected above the reporting limit. N/A means analyte not applicable to this analysis

My je Edward Hamilton, Lab Director

⁽b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a tighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

DIAL				1660	ROGERS AVEN	UE		COA	IN IOT	40	LAND.	TO 000	-	7			
BLAI		SA	M JOSE,		ORNIA 95112-11 AX (408) 573-77			T	OUCT	ONAL	1515	O UE	LECT	ALL ANALYSES MU	McCampbe	ell	DHS #
TECH SERV	/ICES, a	ec .		PHO	NE (408) 573-05	55	1							CIMITA SEL BI CAL	IFORNIA DHS A	IFICATIONS AI IND	NO DETECTION
CHAINOS								0	1 1					☐ EPA		RWQCBR	EGION
CHAIN OF		BTS#	010	25	-191	1			1 1					☐ LIA ☐ OTHER			
CLIENT	Basics !					ERS.			1 1	1				SPECIAL INSTRUC	TIONS		
SITE		'illiams :				CONTAINERS					В						
		andro, C	-	- 17						- 1				Invoice and Re	port to: Bas	ics Environ	mental
	Dan Eq	illuro, C.	<u> </u>			FALL				- 1				Attn: Donovan	Tom		
	-	r	MATRIX of S.	C	ONTAINERS	COMPOSITE	8010							Confirm Analy	sis Request	ed before F	Running
AMPLE I.D.	DATE	TIME	S= SOIL W=H_0	TOTAL		Ü	EPA			Į		- 1		ADD'L INFORMATIO	STATUS		1
MW-6	1/2=10	1005	u	3	Heluna 13		X					1		THE PARTY OF THE P	N STATUS	CONDITION	LAB SAMPLE #
MW-19		1030		1			×			7			+	1		-	5881
nw-16		1050					×					7		unasi	OPE MEMORIAL	0-	
MW-15		1123					×					/	-	SHEZENILION P		-	5881
MW-10		1150					1			2000	COM	mon	Ľ	APPRIPRIATE	£	 	
MW.3	4	1215	4	9	*		x		1	EAD)	SPAC	ABSE	MI Z	COUTMATES			58813
	-											T	-			 	58814
												1					58815
					veren = = =	-	-	-	-	+	+	+	-	-			F.A.
MPLING MPLETED	DATE	· .	SAMPLI											RESULTS NEEDED			5881
LEASED BY	1/25/01		PERFOR	IMED B	USU	DATE	Ang	ju-(0					NO LATER THAN	5 day TAT		
// 1 1 1 1	No						S	, 1	103			ECEIV	ED BY	Ex# 138		DATE	THAE
LEASED BY	6 4	128		-			6/0	P	TIME		JR	ECEN	ED BY	150 80		1/26/0	((032)
LEASED BY	(W)	170		-		1/2C	141	17	115	9	٩,	Δ					Linke
G Bu	ydu	R						1,	IME		=	ECEIV	ED BY	. Buyders	lass	DATE	TIME
IPPED VIA	4					DATE	SENT	T	TIME SE	NT	o	OOLEF		1	Man	a ven	leg &
ULTR	1 6/6	Pass.	<u>r</u>			1/	26/0	1	103	0				}	0	1/26/01	4.2001

1680 ROGERS AVENUE BLAINE CONDUCT ANALYSIS TO DETECT McCampbell SAN JOSE, CALIFORNIA 95112-1105 ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION ву: FAX (408) 573-7771 LIMITS SET BY CALIFORNIA DHS AND TECH SERVICES. MIC PHONE (408) 573-0555 EPA RWQCB REGION McCampbell ☐ LIA CHAIN OF BTS # 0/9/29-4/ OTHER CONTAINERS CLIENT **Basics Environmental** SPECIAL INSTRUCTIONS SITE 2075 Williams Street Analytical, Invoice and Report to: Basics Environmental San Leandro, CA Attn: Donovan Tom C = COMPOSITE Confirm Analysis Requested before Running 8010 MATRIX CONTAINERS S= SOIL W=H₂0 EPA SAMPLE LD. DATE TIME TOTAL ADD'L INFORMATION STATUS CONDITION LAB SAMPLE # 1/29 MW-34 1351 HC1 WM MW-IOA 1350 MW-154 1315 + MW-16A 4 1304 VOLETOSCILETALSTOTIFE ICF/I PRESERVATION ~ GOOD CONDITION APPROPRIATE 6-01 HEAD SPACE ABSEL CONTAINERS. SAMPLING TIME 1:28PM SAMPLING PERFORMED BY Morran RESULTS NEEDED COMPLETED NO LATER THAN 5 day TAT RELEASED BY TIME RECEIVED BY DATE TIME 1/30/61 12-10 RELEASED BY DATE TIME RECEIVED BY TIME 1300 1-30-01 4 125 RELEASED BY DATE TIME RECEIVED BY TIME 1-30-01 SHIPPED VIA DATE SENT TIME SENT CUOLER