

August 25, 2000

Mr. Larry Seto
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

ENVIRONMENTAL
PROTECTION

00 AUG 08 PM 4:43

SECOR
International Incorporated

GROUNDWATER SAMPLING REPORT FOR THE FORMER SAN FRANCISCO FRENCH BREAD COMPANY, 3924 MARKET STREET, OAKLAND, CALIFORNIA 24607

Dear Mr. Seto;

On behalf of Specialty Foods Corporation, (Specialty Foods), SECOR International Incorporated (SECOR) is submitting this Groundwater Sampling Report detailing the results of the groundwater-sampling event conducted at 3924 Market Street in Oakland, California (the Site, see Figure 1, Site Location Map). This work was contracted for by San Francisco French Bread Company's successor, Metz Baking Company (Metz) and is continuing on behalf of the current owner, Specialty Foods Corporation.

INTRODUCTION

The Site formerly operated a 500-gallon underground storage tank (UST) with associated product line and fuel dispenser for fueling delivery trucks (see Figure 2). The UST and product lines were excavated and removed on March 29, 1991. Soil samples collected during the UST excavation revealed the presence of petroleum hydrocarbons. The UST excavation was over-excavated on June 21, 1991. In May 1995 SECOR installed three groundwater monitoring wells (MW-1, MW-2 and MW-3) at the locations shown on Figure 2. A groundwater monitoring program was instituted to monitor groundwater flow direction and groundwater quality; the program was suspended in 1996. In 1999, SECOR submitted a Risk Based Corrective Action (RBCA) Plan to the Alameda County Health Care Services Agency (the Agency) requesting closure for the site. On May 25, 1999, as part of granting Site closure, the Agency required a groundwater sample be taken from well MW-1 and analyzed for Methyl tertiary Butyl Ether (MTBE).

INVESTIGATION

On August 4, 1999 SECOR personnel attempted to obtain a groundwater sample for MTBE analysis from MW-1. They discovered a thick, viscous, black, oily material (product) in monitoring well MW-1, making it impossible to obtain a groundwater sample. On April 19, 2000 SECOR personnel returned to the Site to obtain a sample of this product, as well as groundwater samples for MTBE analysis. At that time, the same oily product was observed to be present in all three groundwater monitoring wells, (MW-1, MW-2 and MW-3).

On April 19, 2000, groundwater samples were collected from MW-2 and MW-3 and analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), Total Extractable Petroleum Hydrocarbons as diesel and motor oil (TEPHd and TEPHmo), Benzene, Toluene, Ethylbenzene and Xylene (BTEX), and MTBE by Chromalab, Inc. of Pleasanton, Ca., a State of California certified laboratory. It was not possible to obtain a groundwater sample from MW-1 due to the large volume of the product in the well.

Groundwater analysis indicate TPHg concentrations at non detect levels in well MW-2 (<50 µg/l) and 1,800 µg/l in MW-3. BTEX concentrations were at non detect levels (<0.5 µg/l) in both wells. TEPHd

and TEPHmo concentrations in groundwater were found to be 14,000 $\mu\text{g/l}$ and 8,900 $\mu\text{g/l}$ in MW-3 and 1,700 $\mu\text{g/l}$ and 1,300 $\mu\text{g/l}$ in MW-2, (see Table 1).

Product samples obtained from monitoring wells MW-1 and MW-3 were analyzed by product fingerprinting using EPA method 8015M by Chromalab, Inc. Results indicate TEPHd concentrations of 330,000 mg/kg in MW-3 and 320,000 mg/kg in MW-1. The results also indicate TEPHmo concentrations at 240,000 mg/kg in MW-1 and 230,000 mg/kg in MW-3, (see Table 2). According to Chromalab Inc., the oil product appears to match the profile for Bunker C fuel oil.

Prior environmental related work centered on the underground gasoline storage tanks, dispensers and piping solely used for motor vehicle fuel. Bunker C is not a motor vehicle fuel and is primarily used for heating. Accordingly, there does not appear to be a connection between the motor vehicle fuel UST removed and investigated, and the product that appeared in the wells at the Site.

Due to the product in the groundwater, it was not possible to determine MTBE levels in groundwater below a detection level of 2,500 $\mu\text{g/l}$. The free phase and dissolved product will have to be addressed before the presence or absence of MTBE in groundwater can be established.

RECOMMENDATIONS

SECOR is recommending a limited Phase I, non-intrusive site investigation consisting of a records search with the Alameda County Health Care Services Agency, the local Fire Department and if possible interviews with former Metz Baking Company and San Francisco French Bread Company employees, if they can be located. The intent of this investigation is to determine if additional underground storage tanks specifically used for heating oil (Bunker C), were ever used at the Site or in the nearby area.

Recommendations for additional site work including intrusive investigations involving soil borings, additional sampling, additional excavation and other related work will be based upon the results of the non-intrusive investigation.

Specifically, SECOR is recommending following tasks:

Task 1 – Review of County Health Agency Files: SECOR personnel will visit the Alameda County Health Services Agency Department of Environmental Health to determine if records exist to indicate a permit or other data related to the existence of a heating fuel storage tank at or near the Site.

Task 2 – Review of Oakland Fire Department Files: SECOR personnel will visit the Oakland Fire Department to determine if records exist regarding a heating fuel storage tank on Site, or if a Hazardous Materials Management Plan exists for the Site during the time when it was a bakery.

Task 3 – Interview past Employees: SECOR will attempt to contact current or past employees of Metz to determine if previous Site employees can be located. Previous employees may be able to verify use of underground heating fuel storage tanks, or verify the use of Bunker C fuel oil as a heating oil source.

Mr. Larry Seto
August 25, 2000
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Please contact us at (510) 285-2556 if you should have any questions regarding this proposal or if you require additional information.

Sincerely yours,

SECOR International Incorporated



David A. Klemme, P.E.
Senior Engineer X 242



Bruce Scarbrough, R.G.
Principal Geologist X 236

cc: Mr. David Schreiber, General Counsel, Specialty Foods Corporation

Attachments:

Table 1 – Groundwater Chemical Results
Table 2 – Product Chemical Results

Figure 1 – Site Location Map
Figure 2 – Site Plan

Appendix A – Hydrologic and Groundwater Sample Field Data Sheets
Appendix B – Laboratory Analytical Reports

Mr. Kevin Keegen
Specialty Foods Corp.
520 Lake Cook Rd, Suite 550
Deerfield, IL 60015

TABLE 1
GROUNDWATER CHEMICAL RESULTS

Former San Francisco French Bread Bakery
3924 Market Street
Oakland, California

WELL NUMBER	SAMPLE DATE	TPHg ^(a) (ug/l) ^(b)	TEPHd ^(c) (ug/l)	TEPHmo ^(d) (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylene (ug/l)	MTBE (ug/l)
MW-1	6/1/95	73	3,600	NS	ND<0.5 ^(e)	1.0	ND<0.5	3.0	NS ^(f)
	9/6/95	ND<50	10,000	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	12/7/95	260	940	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	3/7/96	150	3,800	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	4/19/00	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	6/1/95	ND<50	ND<50	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	9/6/95	ND<50	500	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	12/7/95	ND<50	90	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	3/7/96	ND<50	320	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	4/19/00	ND<50 ✓	1,700	1,300	ND<0.5 ✓	ND<0.5 ✓	ND<0.5 ✓	ND<0.5 ✓	ND<2,500 ✓
MW-3	6/1/95	72	370	NS	1.0	0.6	ND<0.5	0.9	NS
	9/6/95	ND<50	2,800	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	12/7/95	ND<50	ND<50	NS	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS
	3/7/96	150	470	NS	3.5	ND<0.5	ND<0.5	0.6	NS
	4/19/00	1,800 ✓	14,000	8,900	ND<0.5 ✓	ND<0.5 ✓	ND<0.5 ✓	ND<0.5 ✓	ND<5,000 ✓

NOTES:

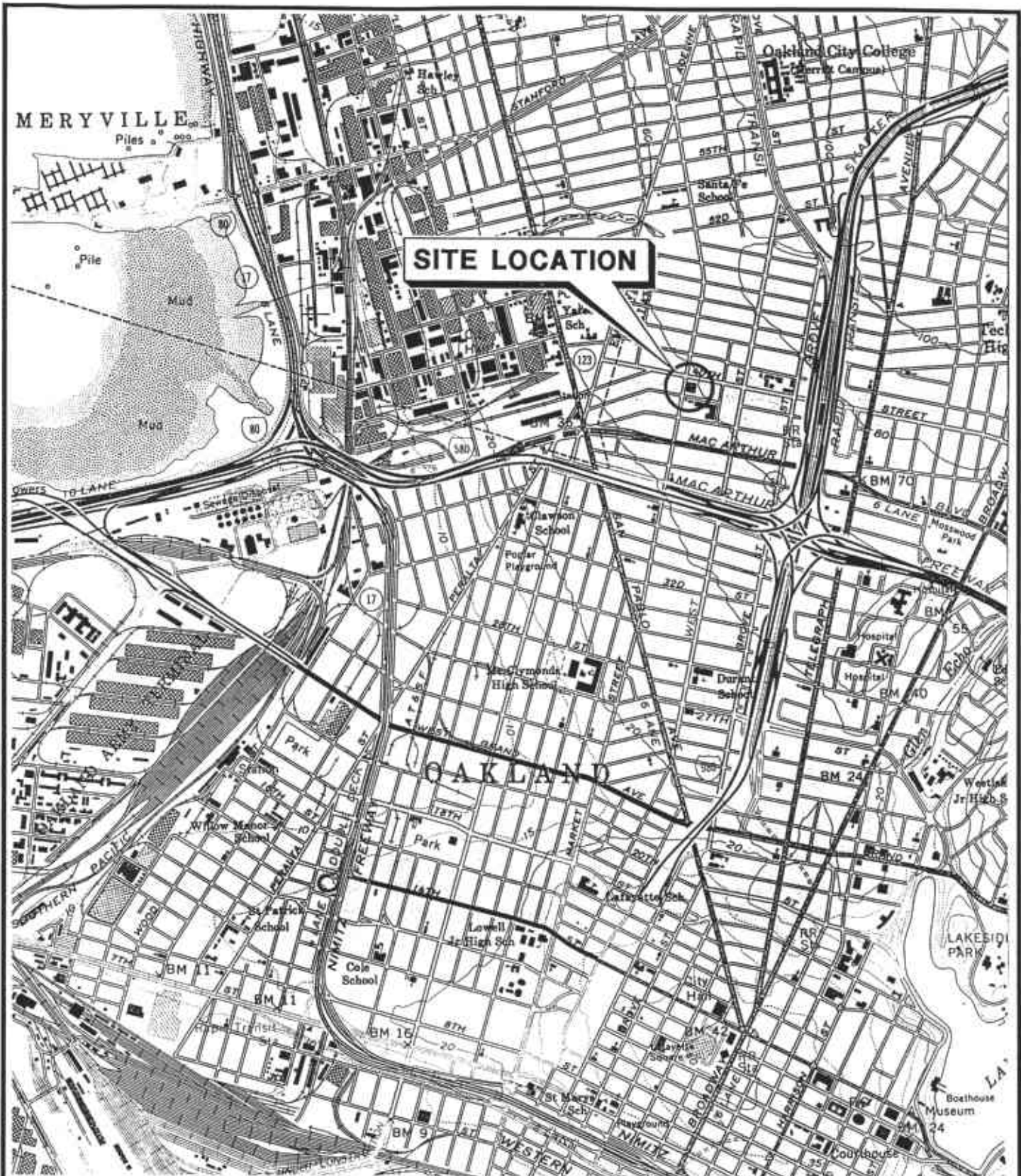
- (a) Total Petroleum Hydrocarbons as gasoline.
- (b) Micrograms per liter.
- (c) Total Extractable Petroleum Hydrocarbons as diesel.
- (d) Total Petroleum Hydrocarbons as motor oil
- (e) ND: Not detected at specified reporting limit.
- (f) NS: Not Sampled

TABLE 2
PRODUCT CHEMICAL RESULTS
Former San Francisco French Bread Bakery
3924 Market Street
Oakland, California

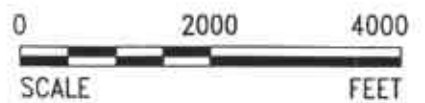
WELL NUMBER	SAMPLE DATE	DEPTH TO WATER	TEPHd ^(a) (mg/kg) ^(c)	TEPHmo ^(b) (mg/kg)
MW-1	4/19/00	10.9 ft	320,000	240,000
MW-2	4/19/00	13.3 ft	NA ^(d)	NA
MW-3	4/19/00	13.4 ft	330,000	230,000

NOTES:

- (a) Total Extractable Petroleum Hydrocarbons as diesel
- (b) Total Extractable Petroleum Hydrocarbons as motor oil
- (c) Measured in milligrams per kilogram
- (d) NA - Not Analyzed



SOURCE: BASE MAP FROM U.S.G.S. OAKLAND WEST, CA QUADRANGLE. 7.5 MINUTE SERIES TOPOGRAPHIC MAP, PHOTOREVISED 1980.



199506.131117 X:\SF-BREAD\MARKET\SITEPLAN

SECOR
INTERNATIONAL
INCORPORATED

DRAWN	CCR
APPR	DWM
DATE	12JUN95
JOB NO.	50090-007-01

FIGURE 1
3924 MARKET STREET
OAKLAND, CALIFORNIA
SITE LOCATION MAP

APPROXIMATE LOCATION OF FORMER PRODUCT LINE

APPROXIMATE LOCATION OF FORMER UST EXCAVATION

EXISTING BUILDING

APPROXIMATE LOCATION OF FORMER PUMP DISPENSER

MW-1

LOADING DOCK/GARAGE

MW-3

MW-2

RAMP

MARKET STREET

SIDEWALK

EXISTING CONCRETE SURFACE

DECK

EXISTING BUILDING

PLANTER

RAMP

DIRT

FENCE

SIDEWALK

39th STREET

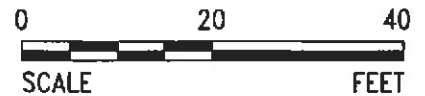
LEGEND:

⊕ MW-1 GROUNDWATER MONITORING WELL

REFERENCE: SURVEYED BY RON ARCHER CIVIL ENGINEER, INC., JUNE 2, 1995.



NORTH



199506.121248 X-18F-BREAD/MARKET18 SITE PLAN

SECOR
INTERNATIONAL
INCORPORATED

DRAWN	CCR
APPR	DWM
DATE	12JUN95
JOB NO.	50090-007-01

FIGURE 2
3924 MARKET STREET
OAKLAND, CALIFORNIA

SITE PLAN

APPENDIX A

**HYDROLOGIC AND GROUNDWATER
SAMPLE FIELD DATA SHEETS**

SECOR International Inc.
WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: DC WELL I.D.: MW-1
 CLIENT NAME: _____ SAMPLED BY: DC SAMPLE I.D.: MW-1
 LOCATION: _____ WHAT QA SAMPLES?: _____

DATE PURGED 4/19 START (2400hr) 13:00 END (2400hr) _____
 DATE SAMPLED 4/19 SAMPLE TIME (2400hr) 13:30

SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ()

DEPTH TO BOTTOM (feet) = 21.0 CASING VOLUME (gal) = 1.72
 DEPTH TO WATER (feet) = 10.9 CALCULATED PURGE (gal) = 5.15
 WATER COLUMN HEIGHT (feet) = 10.1 ACTUAL PURGE (gal) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DTW (ft)
<u>4/19</u>	<u>13:15</u>	<u>2 gal</u> 4 gal						

too much product in water / almost pure product
purged about 1 gallon of black product before stopping, called Bill 13:20
Product sample taken at 13:10 ✓

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: _____ SAMPLE TURBIDITY: N/A

80% RECHARGE: YES NO

ANALYSES: _____

ODOR: _____

SAMPLE VESSEL / PRESERVATIVE: 1 VOA - HCl

PURGING EQUIPMENT

Well Wizard Bladder Pump _____ Bailer (Teflon) _____
 Active Extration Well Pump _____ Bailer (PVC or disp) _____
 Submersible Pump _____ Bailer (Stainless Steel) _____
 Peristaltic Pump _____ Dedicated _____

Other: _____

Pump Depth: _____

SAMPLING EQUIPMENT

WW Bladder Pump _____ Bailer (Teflon) _____
 Sample Port _____ Bailer (PVC or disposable) _____
 Submersible Pump _____ Bailer (Stainless Steel) _____
 Peristaltic Pump _____ Dedicated _____

Other: _____

WELL INTEGRITY: _____

LOCK#: _____

REMARKS: FOR WW PURGING: DISCHARGE TIME _____, REFILL TIME _____, AIR PRESSURE _____

SIGNATURE: _____

SECOR International Inc.
WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: DC WELL I.D.: MW-2
 CLIENT NAME: _____ SAMPLED BY: DC SAMPLE I.D.: MW-2
 LOCATION: _____ WHAT QA SAMPLES?: _____

DATE PURGED 4/19 START (2400hr) 10:00 END (2400hr) 11:00
 DATE SAMPLED 4/19 SAMPLE TIME (2400hr) 10:30

SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ()

DEPTH TO BOTTOM (feet) = 24.0 CASING VOLUME (gal) = 1.82 gal
 DEPTH TO WATER (feet) = 13.3 approx 1" product CALCULATED PURGE (gal) = 5.46
 WATER COLUMN HEIGHT (feet) = 10.7 ACTUAL PURGE (gal) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DTW (ft)
<u>4/19</u>	<u>10:15</u>	<u>2 gal</u> <u>4 gal</u> <u>6 gal</u>	<u>- too</u>	<u>much product in</u>	<u>water</u>			

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: _____ SAMPLE TURBIDITY: N/A

80% RECHARGE: YES NO ANALYSES: _____

ODOR: _____ SAMPLE VESSEL / PRESERVATIVE: 4 VOA's - HCl, 1 Amber - nothing

PURGING EQUIPMENT

Well Wizard Bladder Pump _____ Bailer (Teflon) _____
 Active Extration Well Pump _____ Bailer (PVC or disp)
 Submersible Pump _____ Bailer (Stainless Steel) _____
 Peristaltic Pump _____ Dedicated _____
 Other: _____
 Pump Depth: _____

SAMPLING EQUIPMENT

WW Bladder Pump _____ Bailer (Teflon) _____
 Sample Port _____ Bailer (PVC or disposable)
 Submersible Pump _____ Bailer (Stainless Steel) _____
 Peristaltic Pump _____ Dedicated _____
 Other: _____

WELL INTEGRITY: _____ LOCK#: _____

REMARKS: FOR WW PURGING: DISCHARGE TIME _____, REFILL TIME _____, AIR PRESSURE _____

SIGNATURE: _____ Page _____ of _____

SECOR International Inc.
WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: DC WELL I.D.: MW-3
 CLIENT NAME: _____ SAMPLED BY: DC SAMPLE I.D.: MW-3
 LOCATION: _____ WHAT QA SAMPLES?: _____

DATE PURGED 4/19 START (2400hr) 11:30 am END (2400hr) 12:30
 DATE SAMPLED 4/19 SAMPLE TIME (2400hr) 12:00

SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ()

DEPTH TO BOTTOM (feet) = 24.0 GASING VOLUME (gal) = 1.80
 DEPTH TO WATER (feet) = 13.4 *approx 4" product* CALCULATED PURGE (gal) = 5.41
 WATER COLUMN HEIGHT (feet) = 10.6 ACTUAL PURGE (gal) = 6 gallons

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)	DTW (ft)
<u>4/19</u>	<u>12:40</u>	<u>2 gal</u> <u>4 gal</u> <u>6 gal</u>	<u>- too much product in water</u>					

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: _____ SAMPLE TURBIDITY: N/A

80% RECHARGE: YES NO ANALYSES: _____

ODOR: _____ SAMPLE VESSEL / PRESERVATIVE: 5 VOA's - HCl 2 Amber - nothing

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
<input type="checkbox"/> Well Wizard Bladder Pump	<input type="checkbox"/> Bailer (Teflon)	<input type="checkbox"/> WW Bladder Pump	<input type="checkbox"/> Bailer (Teflon)
<input type="checkbox"/> Active Extration Well Pump	<input type="checkbox"/> Bailer (PVC or disp)	<input type="checkbox"/> Sample Port	<input type="checkbox"/> Bailer (PVC or disposable)
<input type="checkbox"/> Submersible Pump	<input type="checkbox"/> Bailer (Stainless Steel)	<input type="checkbox"/> Submersible Pump	<input type="checkbox"/> Bailer (Stainless Steel)
<input type="checkbox"/> Peristaltic Pump	<input type="checkbox"/> Dedicated _____	<input type="checkbox"/> Peristaltic Pump	<input type="checkbox"/> Dedicated _____
Other: _____		Other: _____	
Pump Depth: _____			

WELL INTEGRITY: _____ LOCK#: _____

REMARKS: FOR WW PURGING: DISCHARGE TIME _____, REFILL TIME _____, AIR PRESSURE _____

HYDROLOGIC DATA SHEET

DATE: 3/22/00 PROJECT: SFEB - Market St PROJECT # 005-02791-002

EVENT: NA SAMPLER: N. van Driess

WELL OR LOCATION	TIME	MEASUREMENT					COMMENTS
		TOC	DTW	DTP	PT	ELEV	
mw-1							Soil
mw-2			≈ 10"	≈ 9.9"	≈ 1"		Sander found from product
mw-3							

CODES: TOC - TOP OF CASING (FEET, RELATIVE TO MEAN SEA LEVEL)
 DTW - DEPTH TO WATER (FEET)
 DTP - DEPTH TO PRODUCT (FEET)
 PT - PRODUCT THICKNESS (FEET)
 ELEV - GROUNDWATER ELEVATION (FEET, RELATIVE TO MEAN SEA LEVEL)

APPENDIX B
LABORATORY ANALYTICAL REPORTS

MTBE - Volatile Organics by GC/MS

SECOR-Oakland	✉ 360 22nd, Suite 600 Oakland, CA 94612
Attn: William Brasher	Phone: (510) 285-2556 Fax: (510) 285-2568
Project #: 005.02791	Project: Former Metz Baking-Re Evaluation

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-2	Water	04/19/2000 10:30	2
MW-3	Water	04/19/2000 12:00	4

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8260A

Attn.: William Brasher

Prep Method: 5030

MTBE - Volatile Organics by GC/MS

Sample ID: MW-2	Lab Sample ID: 2000-04-0320-002
Project: 005.02791 Former Metz Baking-Re Evaluation	Received: 04/20/2000 12:35
Sampled: 04/19/2000 10:30	Extracted: 04/25/2000 08:14
Matrix: Water	QC-Batch: 2000/04/24-02.39
Sample/Analysis Flag In (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
MTBE	ND	2500	ug/L	500.00	04/25/2000 08:14	
<i>Surrogate(s)</i> 1,2-Dichloroethane-d4	101.4	76-114	%	1.00	04/25/2000 08:14	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

Printed on: 04/27/2000 15:57

Page 2 of 6

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8260A

Attn.: William Brasher

Prep Method: 5030

MTBE - Volatile Organics by GC/MS

Sample ID: MW-3	Lab Sample ID: 2000-04-0320-004
Project: 005.02791 Former Metz Baking-Re Evaluation	Received: 04/20/2000 12:35
Sampled: 04/19/2000 12:00	Extracted: 04/25/2000 08:43
Matrix: Water	QC-Batch: 2000/04/24-02.39
Sample/Analysis Flag In (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
MTBE	ND	5000	ug/L	1000.00	04/25/2000 08:43	
<i>Surrogate(s)</i> 1,2-Dichloroethane-d4	103.3	76-114	%	1.00	04/25/2000 08:43	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **SECOR-Oakland**

Test Method: 8260A

Attn.: William Brasher

Prep Method: 5030

Batch QC Report
MTBE - Volatile Organics by GC/MS

Method Blank	Water	QC Batch # 2000/04/24-02.39
MB: 2000/04/24-02.39-001		Date Extracted: 04/24/2000 14:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	04/24/2000 14:00	
<i>Surrogate(s)</i> 1,2-Dichloroethane-d4	95.8	76-114	%	04/24/2000 14:00	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8260A

Attn: William Brasher

Prep Method: 5030

Batch QC Report

MTBE - Volatile Organics by GC/MS

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2000/04/24-02.39
LCS: 2000/04/24-02.39-002	Extracted: 04/24/2000 13:02	Analyzed 04/24/2000 13:02
LCSD: 2000/04/24-02.39-003	Extracted: 04/24/2000 13:31	Analyzed 04/24/2000 13:31

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Methyl tert-butyl ether	48.7	51.0	50.0	50.0	97.4	102.0	4.6	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	463	464	500	500	92.6	92.8		76-114			

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: SECOR-Oakland

Attn: William Brasher

Test Method: 8260A

Prep Method: 5030

Legend & Notes

MTBE - Volatile Organics by GC/MS

Analysis Flags

Im

Reporting limits raised due to high level of non-target analyte materials.

Gas/BTEX

SECOR-Oakland	<input checked="" type="checkbox"/> 360 22nd, Suite 600 Oakland, CA 94612
Attn: William Brasher	Phone: (510) 285-2556 Fax: (510) 285-2568
Project #: 005.02791	Project: Former Metz Baking-Re Evaluation

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-2	Water	04/19/2000 10:30	2
MW-3	Water	04/19/2000 12:00	4

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: **SECOR-Oakland**

Test Method: 8020
8015M

Attn.: William Brasher

Prep Method: 5030

Gas/BTEX

Sample ID: MW-2	Lab Sample ID: 2000-04-0320-002
Project: 005.02791 Former Metz Baking-Re Evaluation	Received: 04/20/2000 12:35
Sampled: 04/19/2000 10:30	Extracted: 04/26/2000 00:31
Matrix: Water	QC-Batch: 2000/04/25-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/26/2000 00:31	
Benzene	ND	0.50	ug/L	1.00	04/25/2000 10:59	
Toluene	ND	0.50	ug/L	1.00	04/25/2000 10:59	
Ethyl benzene	ND	0.50	ug/L	1.00	04/25/2000 10:59	
Xylene(s)	ND	0.50	ug/L	1.00	04/25/2000 10:59	
Surrogate(s)						
Trifluorotoluene	97.0	58-124	%	1.00	04/25/2000 10:59	
4-Bromofluorobenzene-FID	86.7	50-150	%	1.00	04/26/2000 00:31	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8020
8015M

Attn.: William Brasher

Prep Method: 5030

Gas/BTEX

Sample ID: MW-3	Lab Sample ID: 2000-04-0320-004
Project: 005.02791 Former Metz Baking-Re Evaluation	Received: 04/20/2000 12:35
Sampled: 04/19/2000 12:00	Extracted: 04/25/2000 10:26
Matrix: Water	QC-Batch: 2000/04/25-01.03

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	1800	50	ug/L	1.00	04/25/2000 10:26	g
Benzene	ND	0.50	ug/L	1.00	04/25/2000 10:26	
Toluene	ND	0.50	ug/L	1.00	04/25/2000 10:26	
Ethyl benzene	ND	0.50	ug/L	1.00	04/25/2000 10:26	
Xylene(s)	ND	0.50	ug/L	1.00	04/25/2000 10:26	
Surrogate(s)						
Trifluorotoluene	110.8	58-124	%	1.00	04/25/2000 10:26	
4-Bromofluorobenzene-FID	132.0	50-150	%	1.00	04/25/2000 10:26	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8020
8015M

Attn.: William Brasher

Prep Method: 5030

Batch QC Report Gas/BTEX

Method Blank	Water	QC Batch # 2000/04/25-01.01
MB: 2000/04/25-01.01-001		Date Extracted: 04/25/2000 06:23

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	04/25/2000 06:23	
Benzene	ND	0.5	ug/L	04/25/2000 06:23	
Toluene	ND	0.5	ug/L	04/25/2000 06:23	
Ethyl benzene	ND	0.5	ug/L	04/25/2000 06:23	
Xylene(s)	ND	0.5	ug/L	04/25/2000 06:23	
Surrogate(s)					
Trifluorotoluene	74.8	58-124	%	04/25/2000 06:23	
4-Bromofluorobenzene-FID	83.0	50-150	%	04/25/2000 06:23	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8020
8015M

Attn.: William Brasher

Prep Method: 5030

Batch QC Report Gas/BTEX

Method Blank	Water	QC Batch # 2000/04/25-01.03
MB: 2000/04/25-01.03-001		Date Extracted: 04/25/2000 06:03

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	04/25/2000 06:03	
Benzene	ND	0.5	ug/L	04/25/2000 06:03	
Toluene	ND	0.5	ug/L	04/25/2000 06:03	
Ethyl benzene	ND	0.5	ug/L	04/25/2000 06:03	
Xylene(s)	ND	0.5	ug/L	04/25/2000 06:03	
Surrogate(s)					
Trifluorotoluene	102.2	58-124	%	04/25/2000 06:03	
4-Bromofluorobenzene-FID	85.6	50-150	%	04/25/2000 06:03	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8020
8015M

Attn: William Brasher

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)

Water

QC Batch # 2000/04/25-01.01

LCS: 2000/04/25-01.01-002 Extracted: 04/25/2000 06:58 Analyzed 04/25/2000 06:58

LCSD: 2000/04/25-01.01-003 Extracted: 04/25/2000 07:33 Analyzed 04/25/2000 07:33

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	511	464	500	500	102.2	92.8	9.6	75-125	20		
Benzene	85.8	86.0	100.0	100.0	85.8	86.0	0.2	77-123	20		
Toluene	81.6	81.8	100.0	100.0	81.6	81.8	0.2	78-122	20		
Ethyl benzene	83.0	83.6	100.0	100.0	83.0	83.6	0.7	70-130	20		
Xylene(s)	255	255	300	300	85.0	85.0	0.0	75-125	20		
Surrogate(s)											
Trifluorotoluene	374	376	500	500	74.8	75.2		58-124			
4-Bromofluorobenzene-FI	443	408	500	500	88.6	81.6		50-150			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8020
8015M

Attn: William Brasher

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)

Water

QC Batch # 2000/04/25-01.03

LCS: 2000/04/25-01.03-002

Extracted: 04/25/2000 06:35

Analyzed 04/25/2000 06:35

LCSD: 2000/04/25-01.03-003

Extracted: 04/25/2000 07:06

Analyzed 04/25/2000 07:06

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		[%]	Recovery	RPD	LCS
Gasoline	498	505	500	500	99.6	101.0	1.4	75-125	20		
Benzene	45.2	44.0	50	50	90.4	88.0	2.7	77-123	20		
Toluene	45.7	44.6	50	50	91.4	89.2	2.4	78-122	20		
Ethyl benzene	46.4	45.1	50	50	92.8	90.2	2.8	70-130	20		
Xylene(s)	146	141	150	150	97.3	94.0	3.5	75-125	20		
Surrogate(s)											
Trifluorotoluene	255	246	250	250	102.0	98.4		58-124			
4-Bromofluorobenzene-FI	453	459	500	500	90.6	91.8		50-150			

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To: SECOR-Oakland

Test Method: 8015M
8020

Attn: William Brasher

Prep Method: 5030

Legend & Notes

Gas/BTEX

Analyte Flags

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Total Extractable Petroleum Hydrocarbons (TEPH)

SECOR-Oakland	☒ 360 22nd, Suite 600 Oakland, CA 94612
Attn: William Brasher	Phone: (510) 285-2556 Fax: (510) 285-2568
Project #: 005.02791	Project: Former Metz Baking-Re Evaluation

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-1	Product	04/19/2000 13:10	1
MW-2	Water	04/19/2000 10:30	2
MW-3	Product	04/19/2000 12:00	3
MW-3	Water	04/19/2000 12:00	4

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Attn.: William Brasher

Test Method: 8015m

Prep Method: 3550/8015M
3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: MW-1	Lab Sample ID: 2000-04-0320-001
Project: 005.02791 Former Metz Baking-Re Evaluation	Received: 04/20/2000 12:35
Sampled: 04/19/2000 13:10	Extracted: 04/21/2000 14:02
Matrix: Product	QC-Batch: 2000/04/21-04.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	320000	500	mg/Kg	50.00	04/21/2000 15:57	ndp
Motor Oil	240000	500	mg/Kg	50.00	04/21/2000 15:57	,nmp
Surrogate(s) o-Terphenyl	ND	60-130	mg/Kg	50.00	04/21/2000 15:57	sd

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Attn.: William Brasher

Test Method: 8015m

Prep Method: 3550/8015M
3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: MW-2	Lab Sample ID: 2000-04-0320-002
Project: 005.02791 Former Metz Baking-Re Evaluation	Received: 04/20/2000 12:35
Sampled: 04/19/2000 10:30	Extracted: 04/20/2000 10:14
Matrix: Water	QC-Batch: 2000/04/20-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1700	50	ug/L	1.00	04/21/2000 18:01	ndp
Motor Oil	1300	500	ug/L	1.00	04/21/2000 18:01	
Surrogate(s) o-Terphenyl	91.1	60-130	%	1.00	04/21/2000 18:01	

1220 Quarry Lane * Pleasanton, CA 94566-4756
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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8015m

Attn.: William Brasher

Prep Method: 3550/8015M
3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: MW-3	Lab Sample ID: 2000-04-0320-003
Project: 005.02791 Former Metz Baking-Re Evaluation	Received: 04/20/2000 12:35
Sampled: 04/19/2000 12:00	Extracted: 04/21/2000 14:02
Matrix: Product	QC-Batch: 2000/04/21-04.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	330000	200	mg/Kg	20.00	04/21/2000 17:15	ndp
Motor Oil	230000	500	mg/Kg	20.00	04/21/2000 17:15	,nmp
Surrogate(s) o-Terphenyl	ND	60-130	mg/Kg	20.00	04/21/2000 17:15	sd

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Attn.: William Brasher

Test Method: 8015m

Prep Method: 3550/8015M

3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: MW-3	Lab Sample ID: 2000-04-0320-004
Project: 005.02791 Former Metz Baking-Re Evaluation	Received: 04/20/2000 12:35
Sampled: 04/19/2000 12:00	Extracted: 04/20/2000 10:14
Matrix: Water	QC-Batch: 2000/04/20-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	14000	50	ug/L	1.00	04/21/2000 19:33	ndp
Motor Oil	8900	500	ug/L	1.00	04/21/2000 19:33	
Surrogate(s) o-Terphenyl	95.6	60-130	%	1.00	04/21/2000 19:33	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Attn.: William Brasher

Test Method: 8015m

Prep Method: 3550/8015M

3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank	Water	QC Batch # 2000/04/20-03.10
MB: 2000/04/20-03.10-001		Date Extracted: 04/20/2000 10:14

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	50	ug/L	04/21/2000 00:42	
Motor Oil	ND	500	ug/L	04/21/2000 00:42	
Surrogate(s)					
o-Terphenyl	96.0	60-130	%	04/21/2000 00:42	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8015m

Attn.: William Brasher

Prep Method: 3550/8015M

3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank	Oil	QC Batch # 2000/04/21-04.10
MB: 2000/04/21-04.10-001		Date Extracted: 04/21/2000 14:02

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	10	mg/Kg	04/21/2000 22:29	
Motor Oil	ND	500	mg/Kg	04/21/2000 22:29	
Surrogate(s) o-Terphenyl	102.5	60-130	%	04/21/2000 22:29	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **SECOR-Oakland**

Test Method: 8015m

Attn: William Brasher

Prep Method: 3550/8015M

3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2000/04/20-03.10	
LCS:	2000/04/20-03.10-002	Extracted:	04/20/2000 10:14	Analyzed	04/21/2000 01:16
LCSD:	2000/04/20-03.10-003	Extracted:	04/20/2000 10:14	Analyzed	04/21/2000 02:02

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	1020	1080	1250	1250	81.6	86.4	5.7	60-130	25		
Surrogate(s)											
o-Terphenyl	14.6	14.4	20.0	20.0	73.0	72.0		60-130			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-04-0320

To: SECOR-Oakland

Test Method: 8015m

Attn: William Brasher

Prep Method: 3550/8015M
3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD)		Oil	QC Batch # 2000/04/21-04.10	
LCS:	2000/04/21-04.10-002	Extracted: 04/21/2000 14:02	Analyzed	04/22/2000 03:44
LCSD:	2000/04/21-04.10-003	Extracted: 04/21/2000 14:02	Analyzed	04/22/2000 04:24

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	9300	9450	12500	12500	74.4	75.6	1.6	60-130	25		
Surrogate(s)											
o-Terphenyl	21.8	21.6	20.0	20.0	109.0	108.0		60-130			

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To: **SECOR-Oakland**
Attn: William Brasher

Test Method: 8015m
Prep Method: 3510/8015M
3550/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Analysis Notes

MW-1 (Lab# 2000-04-0320-001)

nmp= Hydrocarbons reported do not match our Motor Oil Standard.

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate diluted out due to the presence of non-target materials.

2000-04-0320

5/16504
Chain-of Custody Number:

SECOR Chain-of Custody Record

Field Office: Oakland 005
Address: 360 22nd St. Suite 600
Oakland, CA 94612

Additional documents are attached, and are a part of this Record.
Job Name: Former Metz Baking - Re-Evaluation
Location: 3924 Market St
Oakland CA

Project # 005-02791 Task # 001
Project Manager Bill Brasher
Laboratory Chromalab
Turnaround Time Normal

Sampler's Name Dylan Cardiff
Sampler's Signature [Signature]

Analysis Request

Sample ID	Date	Time	Matrix	HCID	TPH9/BTEX/WTPH-G 8015 (modified)/8020	TPH4/WTPH-B 8015 (modified) motor oil	TPH 418.1/WTPH 418.1 diesel	Aromatic Volatilities 602/8020	Volatile Organics 624/8240 (GC/MS)	Halogenated Volatilities 601/8010	Semi-volatile Organics 625/8270 (GC/MS)	Pesticides/PCBs 608/8080	Total Lead 7421	Priority Pollutant Metals (13)	TCLP Metals	MTBE (8260)	Product Fingerprinting by 8015 M	Comments/ Instructions	Number of Containers
MW-1	4/19	13:10	Liquid														X	Product VOA	1
MW-2	4/19	10:30	Liquid	X													X	VOAs (water)	4
MW-2	4/19	10:45	Liquid		X													Amber Lites/No preservative	1
MW-3	4/19	12:00	Liquid														X	Product VOA	1
MW-3	4/19	12:00	Liquid	X													X	VOAs (water)	4
MW-3	4/19	12:00	Liquid		X													Amber Lites/No preservative	1

Special Instructions/Comments:

Relinquished by: [Signature]
Sign [Signature]
Print Dylan Cardiff
Company Secor
Time 16:00 Date 4/19/00

Received by: [Signature]
Sign [Signature]
Print Vincent Vance
Company Chromalab
Time 11:30 Date 4/20/00

Sample Receipt
Total no. of containers: _____
Chain of custody seals: _____
Rec'd. in good condition/cold: _____
Conforms to record: _____

Relinquished by: [Signature]
Sign [Signature]
Print Vincent Vance
Company Chromalab
Time _____ Date _____

Received by: [Signature]
Sign [Signature]
Print _____
Company _____
Time 11:45 Date 04/20/00

Client: _____
Client Contact: _____
Client Phone: _____