SECOR
International Incorporated

October 13, 1995

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, #250
Alameda, California 94502-6577

QUARTERLY GROUNDWATER MONITORING REPORT, SEPTEMBER 1995, 3924 MARKET STREET, OAKLAND, CALIFORNIA, FOR SAN FRANCISCO FRENCH BREAD COMPANY

Dear Ms. Eberle:

On behalf of San Francisco French Bread Company (SFFBC), SECOR International Incorporated (*SECOR*) is submitting this Quarterly Groundwater Monitoring Report for 3924 Market Street in Oakland, California (the Site, see Figure 1, Site Location Map). We are providing this document to the Alameda County Department of Environmental Health (ACDEH) in accordance with recommended activities outlined in *SECOR*'s Summary Report for a soil and groundwater investigation dated June 28, 1995. This report presents monitoring well sounding, groundwater elevation, and groundwater quality data collected from three Site wells on Se[redacted].

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 line 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 overexcavated on June 21, 1991; additional soil samples collected for analysis also indicated the presence of petroleum hydrocarbons. On May 25 and 26, 1995, *SECOR* installed three groundwater monitoring wells (MW-1, MW-2 and MW-3) at the locations shown on Figure 2. The three wells were installed to assess groundwater flow patterns and groundwater quality in the vicinity of the former UST.

GROUNDWATER MONITORING PROCEDURES

On September 6, 1995, *SECOR* sounded three groundwater monitoring wells (MW-1 through MW-3) using an electronic water-level indicator. The depth-to-groundwater and total depth were measured for each well and recorded on the Hydrologic and Groundwater Sample Field Data Sheets included in Appendix A. The water-level indicator was rinsed with deionized water between the sounding of each well to prevent cross contamination.

90 New Montgomery Street, Suite 620, San Francisco, CA 94105-4503 (415) 882-1548 (415) 882-4406 FAX

Prior to sampling, wells were purged of approximately three wellbore volumes of water using a stainless steel bailer. During purging, the evacuated groundwater was measured for pH, electrical conductivity, and temperature, and was visually inspected for color and turbidity. Parameter results were recorded on Groundwater Sample Field Data Sheets included in Appendix A. Upon removal of the appropriate purge volume and stabilization of the measured parameters, samples were collected from each well using a disposable PVC bailer. Groundwater samples were decanted into prelabeled laboratory-supplied glassware, placed in an ice-filled cooler, and transported to NET Pacific Analytical Laboratory, Inc. (NET) of Santa Rosa, California, a state-certified laboratory under chain-of-custody documentation.

Three samples were submitted for chemical analysis of total petroleum hydrocarbons as gasoline (TPHg) and TPH as diesel (TPHd) by EPA Method 8015, modified, and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8020. Laboratory analytical reports and chain-of-custody records are included in Appendix B.

SUMMARY OF RESULTS

Monitoring well sounding data along with historic data are included in Table 1. Groundwater chemical results along with historic data are included in Table 2.

Monitoring Well Sounding

A groundwater elevation contour map based on the September 6, 1995 groundwater elevation data is presented as Figure 3. During this monitoring event, groundwater was measured at depths between 10.70 and 12.20 feet below the top of the PVC casing. These depths translate to groundwater elevations ranging from 44.32 to 45.76 feet above mean sea level (msl). During this monitoring event groundwater elevations have decreased by up to 1.00 feet when compared with the June 1995 data. Interpretation of the groundwater elevation contour map indicates a groundwater flow direction to the west under an average hydraulic gradient of 0.05 feet per foot (ft/ft) which is consistent with the June 1995 flow direction.

Groundwater Chemical Results

Groundwater samples exhibited pH values ranging from 7.25 to 8.62 pH units; temperatures ranging from 67.7 to 73.0 degrees Fahrenheit; specific conductivities ranging from 550 to 690 micromhos per centimeter (μmhos/cm); brown color; and high turbidity. Groundwater chemical results for September 1995 are shown on Table 2 and displayed graphically on Figure 4. Laboratory analytical reports and chain-of-custody records are included in Appendix B.

During this monitoring event, groundwater samples collected from wells MW-1, MW-2, and MW-3 were reported to contain TPHd at concentrations of 10,000 micrograms per liter ($\mu g/\ell$), 500 $\mu g/\ell$, and 2,800 $\mu g/\ell$, respectively; no other analytes were reported in these samples. NET reported that the positive

TPHd results from each of the samples appeared to a hydrocarbon heavier than diesel. The reported TPHg and BTEX concentrations have decreased when compared to the June 1, 1995 results while the TPHd concentrations increased in each of the wells.

SECOR plans to conduct the next quarterly groundwater monitoring event at the Site in December 1995. Please do not hesitate to contact us at (415) 882-1548 with any question or comments regarding this document.

Sincerely,

SECOR International Incorporated

Liping Zhang
Staff Geologist

Donald W. Moore, R.G.
Project Manager

REGISTERED GEOLOGIST
DONALD W. MOORE
No. 6197
STATE OF CALIFORNIA

Bruce E. Scarbrough, R.G.
Principal Geologist

cc: Mr. Peter Sher, SFFBC

Attachments:

Table 1 - Monitoring Well Sounding Data
Table 2 - Groundwater Chemical Results

Figure 1 - Site Location Map
Figure 2 - Site Plan
Figure 3 - Groundwater Elevation Contour Map
Figure 4 - Groundwater Chemical Results

Appendix A - Hydrologic and Groundwater Sample Field Data Sheets
Appendix B - Laboratory Analytical Reports and Chain-of-Custody Records

TABLE 1
MONITORING WELL SOUNDING DATA
3924 Market Street
Oakland, California

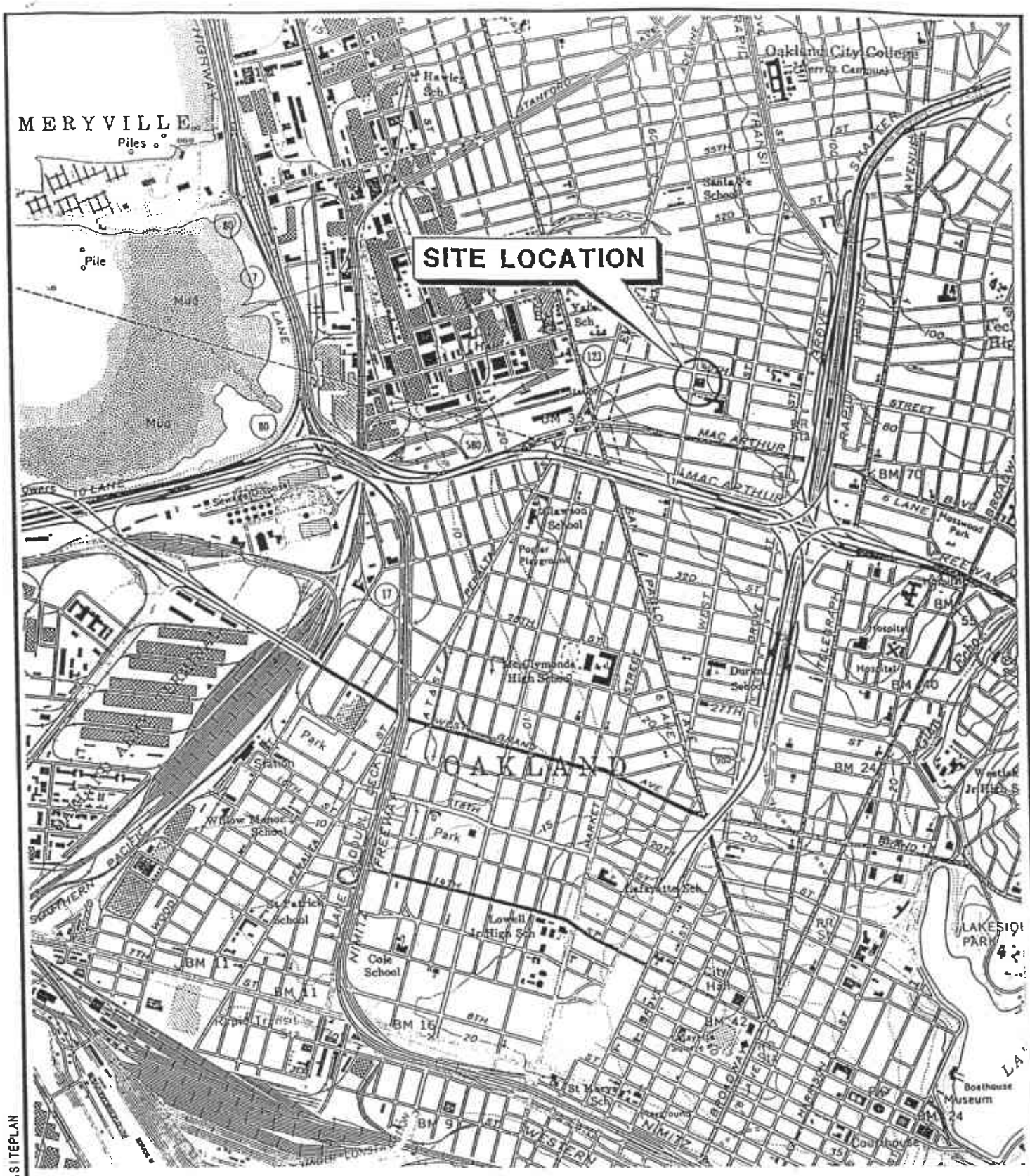
WELL	TOTAL DEPTH[a]	SCREENED INTERVAL[a]	CASING DIAMETER[b]	TOP CASING ELEVATION[c]	DEPTH TO GROUNDWATER[d]		GROUNDWATER ELEVATION[c]
MW-1	21	6-21	2	56.46	6/1/95 9/6/95	9.70 10.70	46.76 45.76
MW-2	24	9-24	2	57.41	6/1/95 9/6/95	11.59 12.20	45.82 45.21
MW-3	24	9-24	2	56.24	6/1/95 9/6/95	11.53 11.92	44.71 44.32

NOTES:
(a) Measured in feet below ground surface.
(b) Measured in inches.
(c) Measured with respect to mean sea level.
(d) Measured in feet below top of PVC casing.

TABLE 2
GROUNDWATER CHEMICAL RESULTS
3924 Market Street
Oakland, California

WELL NUMBER	SAMPLE DATE	TPHg[a] (µg/ℓ)[b]	TPHd[c] (µg/ℓ)	Benzene (µg/ℓ)	Toluene (µg/ℓ)	Ethylbenzene (µg/ℓ)	Xylenes (µg/ℓ)
MW-1	6/1/95	73	3,600	ND[d]<0.5	1.0	ND<0.5	3.0
	9/6/95	ND<50	10,000	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-2	6/1/95	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	9/6/95	ND<50	500	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-3	6/1/95	72	370	1.0	0.6	ND<0.5	0.9
	9/6/95	ND<50	2,800	ND<0.5	ND<0.5	ND<0.5	ND<0.5

NOTES:
(a) Total petroleum hydrocarbons as gasoline.
(b) Micrograms per liter.
(c) Total petroleum hydrocarbons as diesel.
(d) ND: Not detected at specified reporting limit.



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

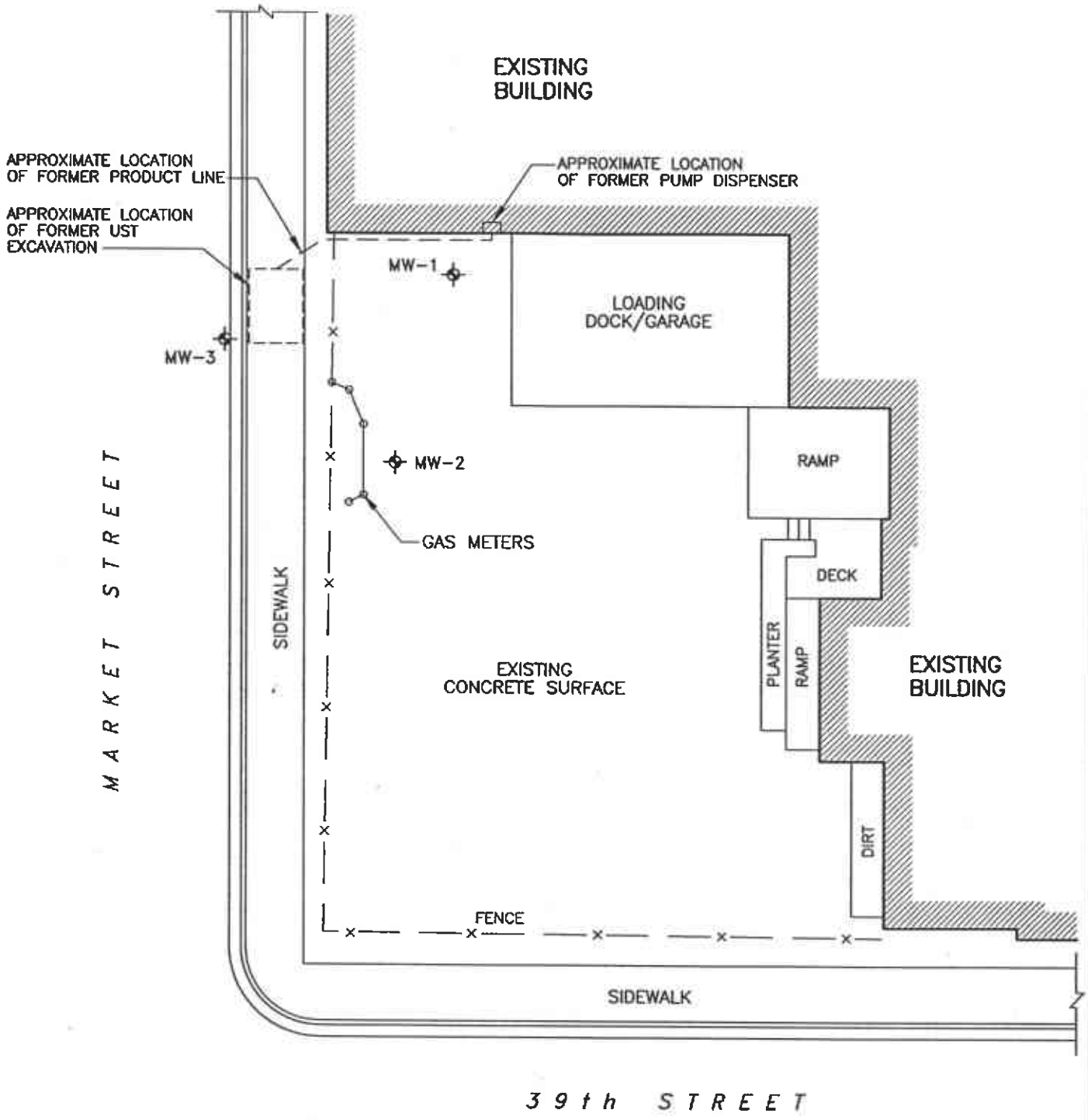
SECOR
INTERNATIONAL
INCORPORATED

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

FIGURE 1
3924 MARKET STREET
OAKLAND, CALIFORNIA

SITE LOCATION MAP

X:\SF-BREAD\MARKET\SITEPLAN



LEGEND:

MW-1 GROUNDWATER MONITORING WELL

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

NORTH

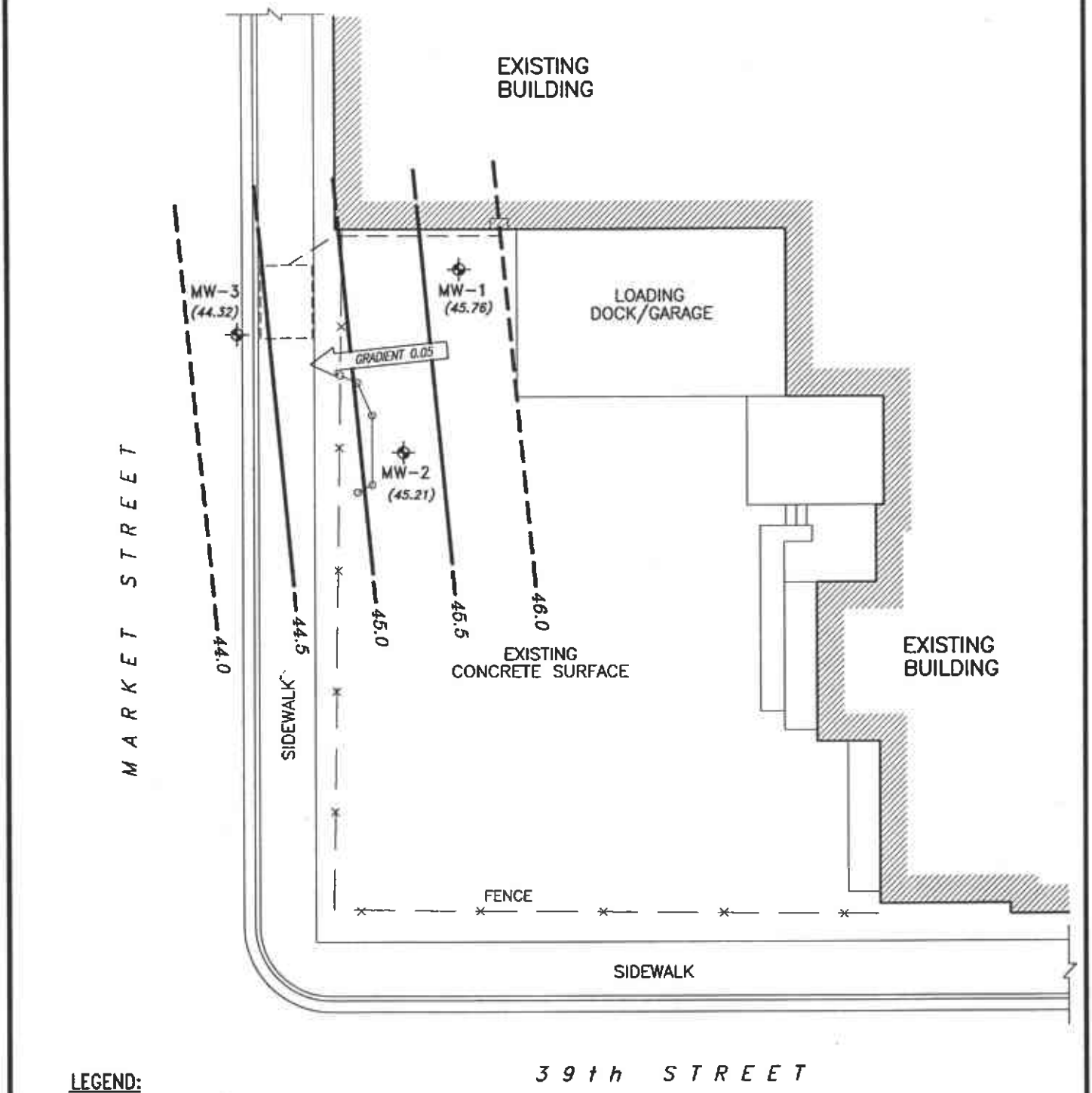
0 20 40
SCALE FEET

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

FIGURE 2
3924 MARKET STREET
OAKLAND, CALIFORNIA

SITE PLAN

199508.121246 X:\18F-BREAD\MARKET\SITEPLAN



LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL
- (46.76) — GROUNDWATER ELEVATION (FEET MSL)
- 44.0 — GROUNDWATER ELEVATION CONTOUR (FEET MSL)
- GRADIENT 0.05 — GROUNDWATER FLOW DIRECTION AND GRADIENT

NORTH

0 20 40
SCALE FEET

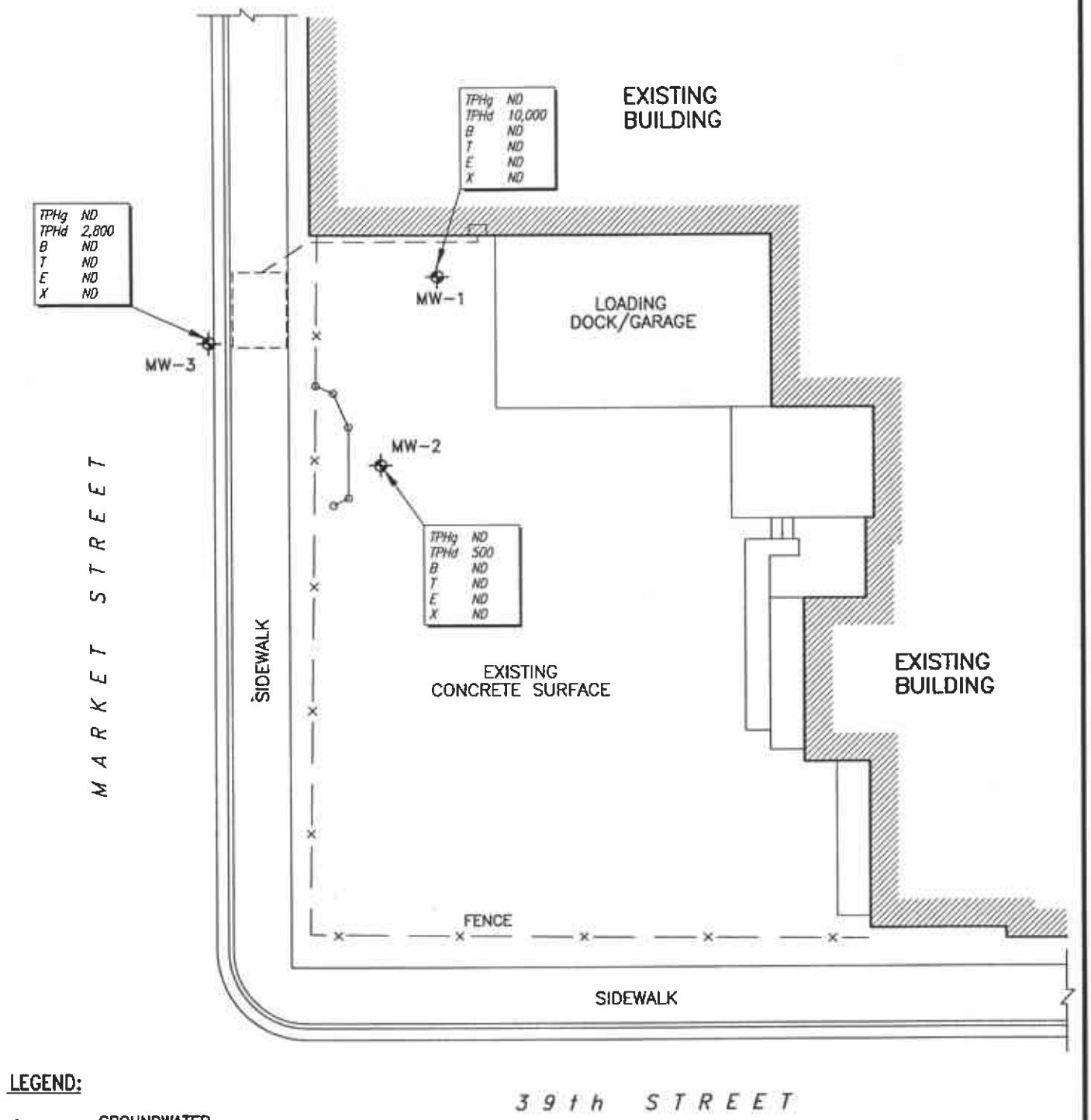
SECOR INTERNATIONAL INCORPORATED

DRAWN	CCR
APPR	DWM
DATE	03SEP95
JOB NO.	50090-007-01

FIGURE 3
3924 MARKET STREET
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP - SEPTEMBER 6, 1995

199510.04\325 X:\SF-BREAD\MARKET\MARKET04



LEGEND:

MW-1 GROUNDWATER MONITORING WELL

CHEMICAL ANALYTICAL RESULTS

ANALYTES

- Total Petroleum Hydrocabons as Gasoline
- Total Petroleum Hydrocabons as Diesel
- Benzene
- Toluene
- Ethylbenzene
- Xylenes

TPHg	ND
TPHd	2,800
B	ND
T	ND
E	ND
X	ND

Concentration (ug/l)

Not Detected at or Above the Laboratory Reporting Limit

NORTH

0 20 40

SCALE FEET

SECOR
INTERNATIONAL INCORPORATED

DRAWN	CCR
APPR	DWM
DATE	21SEP95
JOB NO.	50090-007-01

FIGURE 4
3924 MARKET STREET
OAKLAND, CALIFORNIA

GROUNDWATER CHEMICAL RESULTS - SEPTEMBER 6, 1995

199509.221428 X:\SF-BREAD\MARKET\MARKET03

APPENDIX A

HYDROLOGIC AND GROUNDWATER SAMPLE FIELD DATA SHEETS

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Date: 9/6/95 Project: SFFB Market St. Project #: 5809o-007-02

Sampler: CB/CT Page 1 of 1

WELL or LOCATION	TIME	MEASUREMENT					COMMENTS
		TOC	DTW	DTB	DIA	ELEV	
MW-2	1012		12.20	23.93	2"		Dolphin lock, soft bottom
MW-3	1018		11.92	23.99	2"		Dolphin lock, soft bottom
MW-1	1022		10.70	21.11	2"		Dolphin lock, soft bottom

TOC = Top of Well Casing Elevation
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC
DIA = Well Casing Diameter
ELEV = Groundwater Elevation

GROUND WATER SAMPLE FIELD DATA SHEET

PROJECT NO: 50090-007-02 WELL ID: MW-1

CLIENT/STATION #: SFFB ADDRESS: 3924 Market St., Oakland

CASING DIAMETER (inches):	(2)	3	4	6	8	12	Other
GALLON/LINEAR FOOT:	0.17	0.38	0.66	1.5	2.6	5.8	Other

TD 21.11 - DTW 10.70 x GALLON/LINEAR FT. 0.17 x CASING VOLUME 3 = CALCULATED PURGE 5.13

ACTUAL PURGE 5.5

DATE PURGED: 9/6/95 START (2400 Hr) 1054 END (2400 Hr) 1102

DATE SAMPLED: 9/6/95 START (2400 Hr) 1115 END (2400 Hr)

TIME (2400 Hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25° C)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1058	2	7.66	622	72.1	Brown	High
1101	4	7.38	614	71.0	〃	〃
1102	5.5	7.25	623	70.6	〃	〃

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1):

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ 2" Bladder Pump	___ Bailer (Teflon®)	___ 2" Bladder Pump	___ Bailer (Teflon®)
___ Centrifugal Pump	___ Bailer (PVC)	___ DDL Sampler	___ Bailer (Stainless Steel)
___ Submersible Pump	X Bailer (Stainless Steel)	___ Dipper	___ Submersible Pump
___ Dedicated		X Bailer Disposable	___ Dedicated
Other:		Other:	

REMARKS: Sheen

PRINT NAME: Liping Zhang

PAGE 1 OF 1 SIGNATURE: Liping Zhang

GROUND WATER SAMPLE FIELD DATA SHEET

PROJECT NO: 70090-007-02 WELL ID: MW-2

CLIENT/STATION #: SFFB ADDRESS: 3924 Market St. Oakland

CASING DIAMETER (inches):	(2)	3	4	6	8	12	Other
GALLON/LINEAR FOOT:	(0.17)	0.38	0.66	1.5	2.6	5.8	Other

TD 23.93 - DTW 12.20 X GALLON/LINEAR FT. 0.17 X CASING VOLUME 3 = CALCULATED PURGE 6.0 ACTUAL PURGE 6.5

DATE PURGED: 9/6/95 START (2400 Hr) 1029 END (2400 Hr) 1038

DATE SAMPLED: 9/6/95 START (2400 Hr) 1050 END (2400 Hr)

TIME (2400 Hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25° C)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1031	2	8.62	687	73.0	Brown	High
1033	4	7.94	682	71.2	"	"
1035	5	7.61	683	70.4	"	"
1038	6.5	7.31	690	70.3	"	"

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1):

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ 2" Bladder Pump	___ Bailer (Teflon®)	___ 2" Bladder Pump	___ Bailer (Teflon®)
___ Centrifugal Pump	___ Bailer (PVC)	___ DDL Sampler	___ Bailer (Stainless Steel)
___ Submersible Pump	X Bailer (Stainless Steel)	___ Dipper	___ Submersible Pump
___ Dedicated		X Bailer Disposable	___ Dedicated
Other:		Other:	

REMARKS: Slight gas-like smell

PRINT NAME: Liping Zhang

SIGNATURE: Liping Zhang

GROUND WATER SAMPLE FIELD DATA SHEET

PROJECT NO: 50090-007-02 WELL ID: MW-3

CLIENT/STATION #: SFFB ADDRESS: 3924 Market St., Oakland

CASING DIAMETER (inches):	(2)	3	4	6	8	12	Other
GALLON/LINEAR FOOT:	0.17	0.38	0.66	1.5	2.6	5.8	Other

TD 23.99 - DTW 11.92 x GALLON/LINEAR FT. 0.17 x CASING VOLUME 3 = CALCULATED PURGE 6.2 ACTUAL PURGE 7

DATE PURGED: 9/6/95 START (2400 Hr) 1120 END (2400 Hr) 1129

DATE SAMPLED: 9/6/95 START (2400 Hr) 1140 END (2400 Hr)

TIME (2400 Hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25° C)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1124	2	7.63	558	69.7	Brown	High
1127	4	7.47	552	68.5	"	x
1129	7	7.33	550	67.7	"	x

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1):

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ 2" Bladder Pump	___ Bailer (Teflon®)	___ 2" Bladder Pump	___ Bailer (Teflon®)
___ Centrifugal Pump	___ Bailer (PVC)	___ DDL Sampler	___ Bailer (Stainless Steel)
___ Submersible Pump	X Bailer (Stainless Steel)	___ Dipper	___ Submersible Pump
___ Dedicated		X Bailer Disposable	___ Dedicated
Other:		Other:	

REMARKS: Sheen

PRINT NAME: Liping Zhang

SIGNATURE: [signature]

PAGE ___ OF ___

APPENDIX B

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

NATIONAL ENVIRONMENTAL TESTING, INC.

Santa Rosa Division
3636 North Laughlin Road
Suite 110
Santa Rosa, CA 95403-8226
Tel: (707) 526-7200
Fax: (707) 541-2333

Don Moore
Secor
90 New Montgomery
Suite 620
San Francisco, CA 94105

Date: 09/22/1995
NET Client Acct. No: 74000
NET Job No: 95.03552
Received: 09/07/1995

Client Reference Information

SFFB Market St., Oakland, CA/Proj. No. 50090-007-02

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel free to call me at (707) 541-2305.

Submitted by:

Jennifer H. Roseberry
Project Manager

RECEIVED
SEP 26

Enclosure(s)

Client Name: Secor
Client Acct: 74000
NET Job No: 95.03552

Date: 09/22/1995
ELAP Cert: 1386

Ref: SFFB Market St., Oakland, CA/Proj. No. 50090-007-02

SAMPLE DESCRIPTION: MW-1
Date Taken: 09/06/1995
Time Taken: 11:15
NET Sample No: 250514

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						09/20/1995	3179
DILUTION FACTOR*	1						09/20/1995	3179
as Gasoline	ND		0.05	mg/L	5030		09/20/1995	3179
METHOD 8020 (GC,Liquid)	--						09/20/1995	3179
Benzene	ND		0.5	ug/L	8020		09/20/1995	3179
Toluene	ND		0.5	ug/L	8020		09/20/1995	3179
Ethylbenzene	ND		0.5	ug/L	8020		09/20/1995	3179
Xylenes (Total)	ND		0.5	ug/L	8020		09/20/1995	3179
SURROGATE RESULTS	--						09/20/1995	3179
Bromofluorobenzene (SURR)	90			% Rec.	5030		09/20/1995	3179
METHOD M8015 (EXT., Liquid)						09/12/1995		
DILUTION FACTOR*	2						09/12/1995	1070
as Diesel	10	DH	0.1	mg/L	3510		09/12/1995	1070

DH : The positive result appears to be a heavier hydrocarbon than Diesel.

Client Name: Secor
Client Acct: 74000
NET Job No: 95.03552

Date: 09/22/1995
ELAP Cert: 1386
Page: 3 of 8

Ref: SFFB Market St., Oakland, CA/Proj. No. 50090-007-02

SAMPLE DESCRIPTION: MW-2
Date Taken: 09/06/1995
Time Taken: 10:50
NET Sample No: 250515

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						09/20/1995	3179
DILUTION FACTOR*	1						09/20/1995	3179
as Gasoline	ND		0.05	mg/L	5030		09/20/1995	3179
METHOD 8020 (GC,Liquid)	--						09/20/1995	3179
Benzene	ND		0.5	ug/L	8020		09/20/1995	3179
Toluene	ND		0.5	ug/L	8020		09/20/1995	3179
Ethylbenzene	ND		0.5	ug/L	8020		09/20/1995	3179
Xylenes (Total)	ND		0.5	ug/L	8020		09/20/1995	3179
SURROGATE RESULTS	--						09/20/1995	3179
Bromofluorobenzene (SURR)	95			% Rec.	5030		09/20/1995	3179
METHOD M8015 (EXT., Liquid)						09/12/1995		
DILUTION FACTOR*	1						09/12/1995	1070
as Diesel	0.50	DH	0.05	mg/L	3510		09/12/1995	1070

DH : The positive result appears to be a heavier hydrocarbon than Diesel.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

Client Name: Secor
Client Acct: 74000
NET Job No: 95.03552

Date: 09/22/1995
ELAP Cert: 1386

Ref: SFFB Market St., Oakland, CA/Proj. No. 50090-007-02

SAMPLE DESCRIPTION: MW-3
Date Taken: 09/06/1995
Time Taken: 11:40
NET Sample No: 250516

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						09/20/1995	3179
DILUTION FACTOR*	1						09/20/1995	3179
as Gasoline	ND		0.05	mg/L	5030		09/20/1995	3179
METHOD 8020 (GC,Liquid)	--						09/20/1995	3179
Benzene	ND		0.5	ug/L	8020		09/20/1995	3179
Toluene	ND		0.5	ug/L	8020		09/20/1995	3179
Ethylbenzene	ND		0.5	ug/L	8020		09/20/1995	3179
Xylenes (Total)	ND		0.5	ug/L	8020		09/20/1995	3179
SURROGATE RESULTS	--						09/20/1995	3179
Bromofluorobenzene (SURR)	92			% Rec.	5030		09/20/1995	3179
METHOD M8015 (EXT., Liquid)						09/12/1995		
DILUTION FACTOR*	5						09/12/1995	1070
as Diesel	2.8	DH	0.2	mg/L	3510		09/12/1995	1070

DH : The positive result appears to be a heavier hydrocarbon than Diesel.

Ref: SFFB Market St., Oakland, CA/Proj. No. 50090-007-02

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV Standard % Recovery	CCV Standard Amount Found	CCV Standard Amount Expected	Units	Date Analyzed	Analyst Initials	Run Batch Number
TPH (Gas/BTXE,Liquid)							
as Gasoline	86.0	0.43	0.50	mg/L	09/20/1995	lss	3179
Benzene	97.6	4.88	5.00	ug/L	09/20/1995	lss	3179
Toluene	96.8	4.84	5.00	ug/L	09/20/1995	lss	3179
Ethylbenzene	97.8	4.89	5.00	ug/L	09/20/1995	lss	3179
Xylenes (Total)	96.0	14.4	15.0	ug/L	09/20/1995	lss	3179
Bromofluorobenzene (SURR)	98.0	98	100	% Rec.	09/20/1995	lss	3179
METHOD M8015 (EXT., Liquid)							
as Diesel	104.0	1040	1000	mg/L	09/12/1995	tts	1070

Client Name: Secor
Client Acct: 74000
NET Job No: 95.03552

Date: 09/22/1995
ELAP Cert: 1386
Page: 6 of 8

Ref: SFFB Market St., Oakland, CA/Proj. No. 50090-007-02

METHOD BLANK REPORT

Parameter	Method Blank Amount Found	Reporting Limit	Units	Date Analyzed	Analyst Initials	Run Batch Number
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	09/20/1995	lss	3179
Benzene	ND	0.5	ug/L	09/20/1995	lss	3179
Toluene	ND	0.5	ug/L	09/20/1995	lss	3179
Ethylbenzene	ND	0.5	ug/L	09/20/1995	lss	3179
Xylenes (Total)	ND	0.5	ug/L	09/20/1995	lss	3179
Bromofluorobenzene (SURR)	96		% Rec.	09/20/1995	lss	3179
METHOD M8015 (EXT., Liquid)						
as Diesel	ND	0.05	mg/L	09/12/1995	tts	1070

Client Name: Secor
Client Acct: 74000
NET Job No: 95.03552

Date: 09/22/1995
ELAP Cert: 1386

Ref: SFFB Market St., Oakland, CA/Proj. No. 50090-007-02

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike % Rec.	Matrix Spike Dup % Rec.	RPD	Spike Amount	Sample Conc.	Matrix Spike Conc.	Matrix Spike Dup. Conc.	Units	Date Analyzed	Run Batch	Sample Spiked
TPH (Gas/BTXE,Liquid)											250922
as Gasoline	78.0	90.0	14.3	0.50	ND	0.39	0.45	mg/L	09/20/1995	3179	250922
Benzene	102.7	101.3	1.4	7.5	ND	7.7	7.6	ug/L	09/20/1995	3179	250922
Toluene	98.5	100.0	1.4	26.3	ND	25.9	26.3	ug/L	09/20/1995	3179	250922
METHOD M8015 (EXT., Liquid)											250665
as Diesel	MI	MI	26.8	--	15	--	--	mg/L	09/12/1995	1070	250665

MI : Matrix interference suspected.

Client Name: Secor
Client Acct: 74000
NET Job No: 95.03552

Date: 09/22/1995
ELAP Cert: 1386

Ref: SFFB Market St., Oakland, CA/Proj. No. 50090-007-02

LABORATORY CONTROL SAMPLE REPORT

Parameter	LCS % Recovery	Duplicate LCS % Recovery	RPD	LCS Amount Found	Duplicate LCS Amount Found	LCS Amount Expected	Units	Date Analyzed	Analyst Initials	Run Batch
METHOD M8015 (EXT., Liquid) as Diesel	72.6			0.726		1.00	mg/L	09/12/1995	tts	1070

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
*	:	Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
ICVS	:	Initial Calibration Verification Standard (External Standard).
mean	:	Average; sum of measurements divided by number of measurements.
mg/Kg (ppm)	:	Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
mg/L	:	Concentration in units of milligrams of analyte per liter of sample.
mL/L/hr	:	Milliliters per liter per hour.
MPN/100 mL	:	Most probable number of bacteria per one hundred millliliters of sample.
N/A	:	Not applicable.
NA	:	Not analyzed.
ND	:	Not detected; the analyte concentration is less than applicable listed reporting limit.
NTU	:	Nephelometric turbidity units.
RPD	:	Relative percent difference, 100 [Value 1 - Value 2]/mean value.
SNA	:	Standard not available.
ug/Kg (ppb)	:	Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
ug/L	:	Concentration in units of micrograms of analyte per liter of sample.
umhos/cm	:	Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

#8585

Chain-of-Custody Number:

SEACOR Chain-of-Custody Record

ENVIRONMENTAL PROTECTION

Field Office: San Francisco
Address: 90 New Montgomery St. #620
San Francisco, CA 94105

☐ Additional documents are attached, and are a part of this Record.

Job Name: 95 OCT 16 PM 3:00 STFB Market St.
Location: Oakland, CA

Project # 50090-007-02 Task # 001
Project Manager Don Moore
Laboratory NET
Turnaround Time Standard

Sampler's Name LB/CT
Sampler's Signature [signature]

Analysis Request

Sample ID	Date	Time	Matrix	HCID	TPHg/BTEX/WTPH-G 8015 (modified)/8020	TPHd/WTPH-D 8015 (modified)	TPH 418.1/WTPH 418.1	Aromatic Volatiles 602/8020	Volatile Organics 624/8240 (GC/MS)	Halogenated Volatiles 601/8010	Semi-volatile Organics 625/8270 (GC/MS)	Pesticides/PCBs 608/8080	Total Lead 7421	Priority Pollutant Metals (13)	TCLP Metals			Comments/ Instructions	Number of Containers
MW-1	9/6	1115	Water		X	X													4
MW-2	↓	1050	↓		X	X													4
MW-3	↓	1140	↓		X	X													4

CUSTODY SEALED
Date 9/6/95 Time 1630 Initials PS
SEAL INTACT?
Yes ✓ No ___ Initials [initials]

Special Instructions/Comments:

Relinquished by:
Sign [signature]
Print Liping Zhang
Company SECOR
Time 1412 Date 9/6/95

Received by:
Sign [signature]
Print Phyllis Smart
Company NET
Time 2:57 Date 9/6/95

Relinquished by:
Sign [signature]
Print Phyllis Smart
Company NET
Time 16:31 Date 9/06/95

Received by:
Sign [signature]
Print PAM GREENE
Company NET
Time 08:00 Date 9/7/95

Sample Receipt

Total no. of containers:	12
Chain of custody seals:	
Rec'd. good condition/cold:	
Conforms to record:	

Client: SECOR
Client Contact: Don Moore
Client Phone: (415) 882-1148

SEACOR CUSTREC Rev. 12/93

VIA NCS

Date: 9 16 95 Page 1 of 1

Temp 0°