



ENVIRONMENTAL
PROTECTION
98 MAR -5 PM 6:05

Croley and Herring Investment Company

March 2, 1998

Alameda County Health Services
Hazardous Materials Division
1131 Harbor Bay Parkway
Alameda, CA 94502

Attn: Susan Hugo, Senior HM Specialist

Attached is our Ground Water Monitoring Report for January 1998 based on our current program of semi-annual monitoring.

As you will note, the summary of findings in section 4.0 reveal that almost all of our readings for TPH gas and BTEX constituents have risen as compared to our July 1997 readings. PAH's in MW-4 have also risen but were ND in well EW-1.

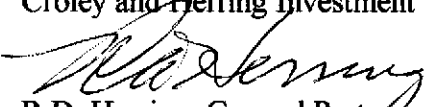
We agree with the opinion of our consultant, Environment and Technology Services, that the increased contaminant levels are due to heavy rains associated with our winter weather and do not constitute a new source of pollution.

Since all of our contaminant levels are still comparatively low, and do not present any health hazard, we would like to ask your reconsideration of our request for closure of the site as outlined in our report dated 2/28/97.

Thank you for your prompt attention to this report and we would like to request a response letter by April 3, 1998 or before.

Sincerely,

Croley and Herring Investment Company



R.D. Herring, General Partner

353 Beacon Ridge Lane, Walnut Creek, California 94596
Telephone: 510-939-1118

GROUNDWATER MONITORING REPORT

**5800 CHRISTIE AVENUE,
EMERYVILLE, CALIFORNIA**

JANUARY 1998

SUBMITTED TO:

**MS. SUSAN HUGO
ALAMEDA COUNTY HEALTH CARE SERVICES
HAZARDOUS MATERIALS DIVISION
1131 HARBOUR BAY PARKWAY,
ALAMEDA, CALIFORNIA 94502**

PREPARED FOR :

**CROLEY & HERRING INVESTMENT COMPANY
353 BEACON RIDGE LANE,
WALNUT CREEK, CALIFORNIA 94596**

PREPARED BY:

***ETS* ENVIRONMENT & TECHNOLOGY SERVICES
4701 FAIR AVENUE,
OAKLAND, CALIFORNIA 94619
TELEPHONE: 510-482-6230
FACIMILE: 510-482-5551**

ETS ENVIRONMENT & TECHNOLOGY SERVICES

4701 FAIR AVENUE, OAKLAND, CALIFORNIA 94619
PHONE 510-482-6230 FAX 510-482-5551

January 26, 1998

Mr. Dick Herring
President
Croley & Herring Investment Company
353 Beacon Ridge Lane,
Walnut Creek, California 94596

Subject: Groundwater Monitoring Report January 1998
5800 Christie Avenue, Emeryville, California

Dear Mr. Herring:

Enclosed please find a copy of the semi-annual groundwater monitoring report for the January 1998 sampling period at the subject facility. The subject groundwater monitoring event was requested by Ms. Susan Hugo of Alameda County Health Care Services in her letter of September 18, 1996.

Please contact me if you have any question about this report.

Sincerely,


Walter W. Loo, CEG 1207
President



EXPIRES 9/30/98

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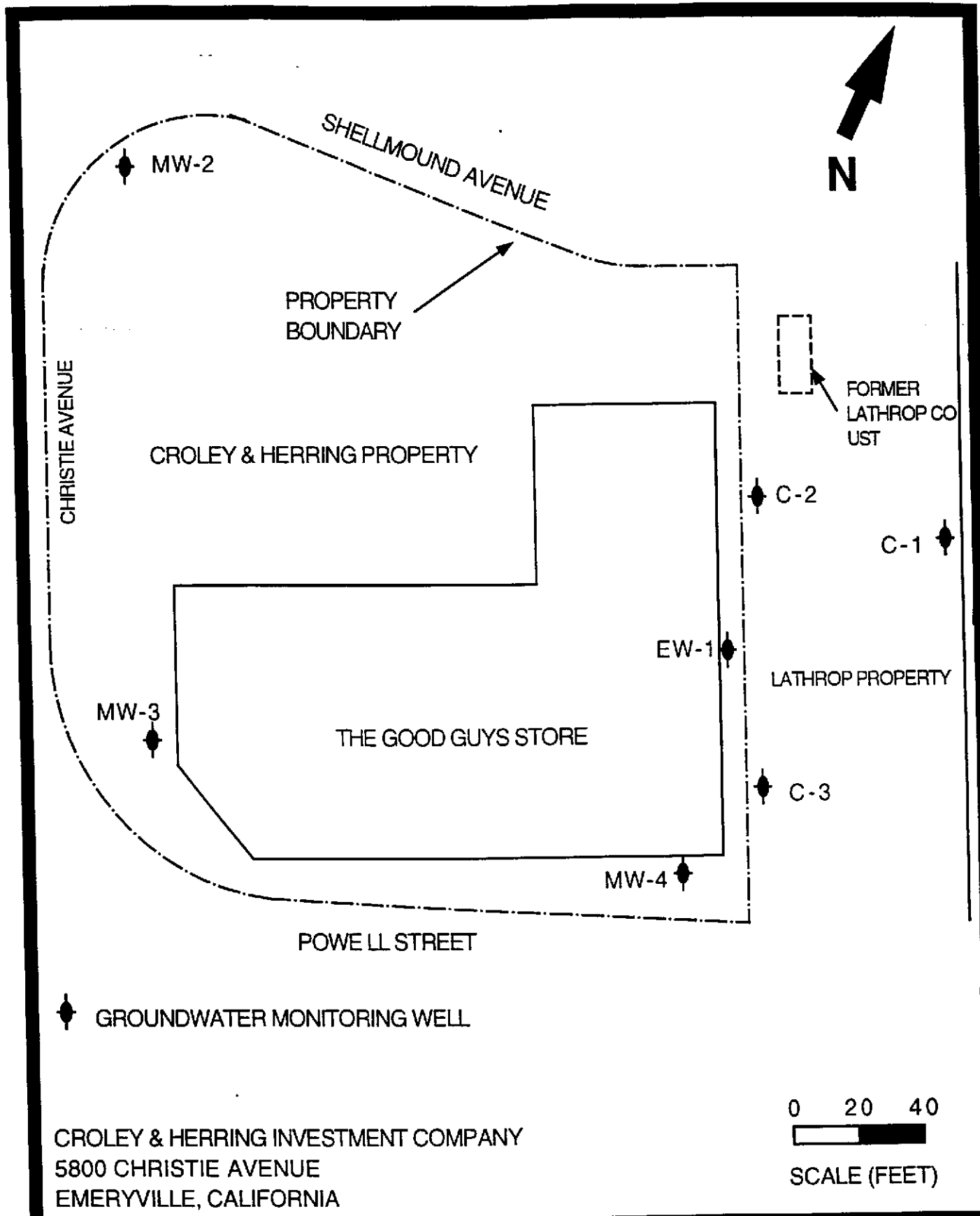
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1.0 INTRODUCTION

Environment & Technology Services(ETS) was retained by Croley & Herring Investment Company to perform the groundwater monitoring for the facility located at 5800 Christie Street in Emeryville, California. The subject facility is currently leased to an electronic merchandise retailer. Prior to leasing, soil contamination was identified at the subject facility. The contaminated soil was removed with the exception of that which was underlying the building because of safety concerns. The removed soil was remediated on-site and properly disposed of with the approval of ACHCS (7/28/89). A vapor extraction system(VES) was installed immediately adjacent to the northeastern side of the building to mitigate the residual volatile hydrocarbons contained in the soil. The residual volatile organic chemicals(VOCs) were remediated from an average VOCs concentration of about 660 ppm to a satisfactory level at an average of 0.82 ppm in soil. A soil closure plan was submitted(11/15/91) and approval of closure was received on 1/21/92 after submittal of confirming soil sampling results. The soil vapor extraction system was decommissioned and the Bay Area Air Quality Management District was notified on 12/16/91. The final VES closure report was completed on August 29, 1992. An indoor vapor monitoring system Sierra Monitor Model 5000 was installed by the "Good Guys" electronic store in 1989 through March, 1993. No significant level of methane was detected for the monitoring period. The vapor monitoring system was disconnected in March, 1993 with the concurrence of Mr. Brian Oliva of Alameda County Health Care Services, March 15,1993 correspondence. The groundwater closure letter for the chlorinated solvents was issued by Susan Hugo of ACHCS (9/30/96), and Stephen Morse of BARWQCB (11/15/96).

As part of the site activities, a quarterly groundwater monitoring program has been implemented. Previous quarterly monitoring events were conducted on November 6, 1989, February 20, 1990, May 31, 1990, September 7, 1990, December 4, 1990, April 16, 1991, July 3,1991, October 12, 1991, January 26, 1992, April 8, 1992, July 15,1992, October 19, 1992, January 11, 1993, March 29, 1993, July 7, 1993, October 8, 1993, January 19, 1994, January 25, 1995, September 18, 1995, January 29, 1996, March 25, 1996, July 11, 1996, January 21, 1997 and July 18, 1997 respectively. As per Ms. Susan Hugo's request, this groundwater level monitoring event was conducted on January 14, 1998. Groundwater samples were taken from the monitoring wells and sent to a State-certified laboratory for analysis under proper chain-of-custody procedures.

This report presents the results of this groundwater monitoring event on well EW-1 and MW-4 including laboratory analytical results, groundwater movement analysis, summary of findings, and conclusions and discussions.



ETS

ENVIRONMENT & TECHNOLOGY SERVICES

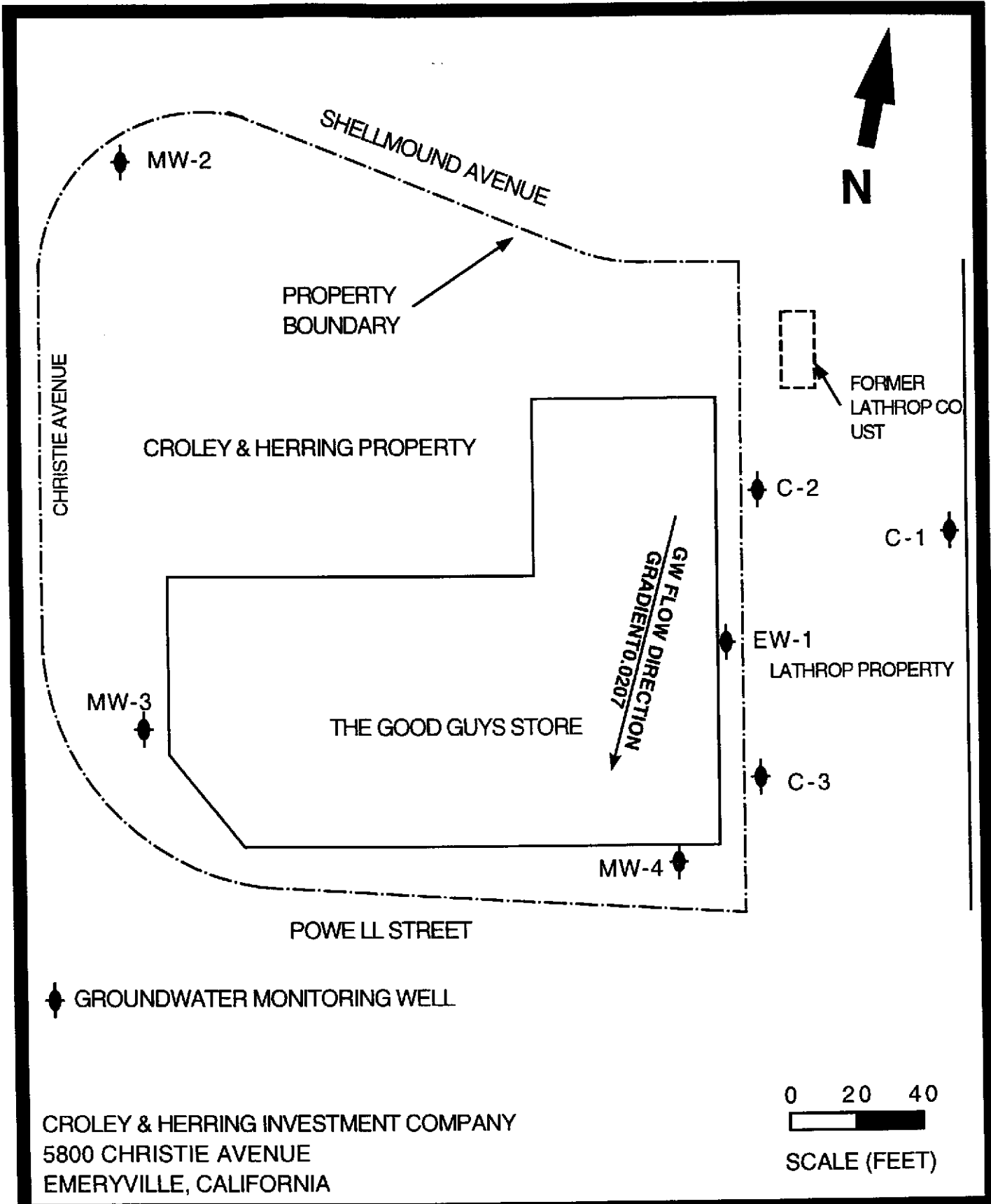
FIGURE 1
GENERAL SITE MAP

2.0 GROUNDWATER MOVEMENT ANALYSIS

Prior to sample collection, depth-to-water table in each of all existing monitoring wells was measured for the analysis of groundwater movement. Table 1 presents a summary of the water levels in the three wells (EW-1, MW-2 and MW-4) from the groundwater monitoring events prepared by ETS.

From the water level measurements on January 14, 1998, elevation of water levels were somewhat the same, as compared to the data collected on July 18, 1997. The groundwater flow direction remained in the same direction, flowing towards the south (Figure 2). The hydraulic gradient was 0.0207 feet per horizontal foot.

Groundwater movement across the facility remains in a similar pattern, as compared to sampling events. Data on flow direction and hydraulic gradient are summarized in Table 2.



ETS

ENVIRONMENT & TECHNOLOGY SERVICES

FIGURE 2
JANUARY 14, 1998
GROUNDWATER FLOW MAP

3.0 GROUNDWATER QUALITY

On January 14, 1998, ETS field personnel visited the facility and collected water samples from monitoring well EW-1 and MW-4 for laboratory analysis. These groundwater samples were sent to a state-certified laboratory for analysis of total petroleum hydrocarbons, (TPH) as gasoline, using EPA method 8015M, gasoline constituents benzene, toluene, ethylbenzene, and total xylenes (BTEX) and MTBE, using EPA method 8020, PAH Polycyclic Aromatic Hydrocarbons using EPA method 8270.

From the results of the laboratory analysis (Appendix A), water samples taken from well EW-1 contained TPH_{gas} at 10.2 ppm which was lower in July 18, 1997 (2.39 ppm). Benzene level was at 0.006 ppm where the July 18, 1997 level was non-detect. The toluene, xylenes and ethylbenzene levels were 3.58, 0.111 and 0.013 ppm respectively, all somewhat higher than comparable readings of July 18, 1997 (Table 3). MTBE was present for the first time at 0.024 ppm level. There was a general increasing trend in all the constituents analysed from July 1997 readings.

Well MW-4 (Table 4) showed TPH_{gas} of 7.25 ppm, benzene, toluene, xylenes and ethylbenzene levels were at 0.727, 0.136, 0.173 and 0.341 ppm respectively, all of these levels were somewhat higher than comparable readings of July 18, 1997. No traces of MTBE present. Acenaphthene and acenaphthylene which exhibited 0.37 and 0.07 ppm in July 18, 1997 had increased values of 0.43 and 0.38 ppm respectively. Fluorene was non-detect as compared to 0.07 ppm on July 18, 1997. Naphthalene and phenanthrene which were both Non-detect on July 18, 1997 had also increased values of 16 and 0.19 ppm respectively.

**TABLE 1
SUMMARY OF GROUNDWATER LEVEL DATA**

WELL	ELEVATION OF TOC	1/6/89		2/20/90		5/31/90		9/7/90		12/4/90		4/16/91	
		DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL
EW-1	8.62	6.15	2.47	5.93	2.69	5.86	2.76	6.30	2.32	7.39	1.23	6.02	2.60
MW-2	7.42	4.34	3.08	4.26	3.16	4.26	3.16	4.60	2.82	4.67	2.75	4.31	3.11
MW-3	6.42	5.10	1.32	5.42	1.00	4.93	1.49	5.15	1.27	5.96	0.46	5.25	1.17
WELL	ELEVATION OF TOC	7/3/91		10/14/91		1/9/92		7/15/92		10/19/92		1/11/93	
		DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL
EW-1	8.62	6.20	2.42	6.50	2.12	6.20	2.42	6.10	2.52	6.10	2.52	5.50	3.12
MW-2	7.42	4.52	2.90	3.92	3.50	4.43	2.99	4.42	3.00	4.77	2.65	2.90	4.52
MW-3	6.42	5.33	1.09	4.63	1.79	6.50	-0.08	5.23	1.19	5.37	1.05	3.60	2.82
WELL	ELEVATION OF TOC	4/19/93		7/13/93		10/15/93		1/19/94		1/4/95		9/18/95	
		DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL
EW-1	8.62	5.95	2.67	6.20	2.42	6.25	2.37	6.30	2.32	4.75	3.87	6.30	2.32
MW-2	7.42	4.35	3.07	4.70	2.72	4.25	3.17	4.90	2.52	3.57	3.85	4.70	2.72
MW-3	6.42	5.10	1.32	5.35	1.07	5.35	1.07	5.30	1.12	5.10	1.32	5.10	1.32
MW-4	7.07 (a)	NS	NS	5.75	1.32	5.80	1.27	5.75	1.32	6.10	0.97	6.90	0.17
WELL	ELEVATION OF TOC	3/25/96		NEWLY SURVEYED ELEVATION	7/30/96		1/21/97		9/2/97		1/14/98		
		DTW	SWL		DTW	SWL	DTW	SWL	DTW	SWL	DTW	SWL	
EW-1	8.62	4.95	3.67	9.16	6.30	2.86	7.10	2.06	5.8	3.36	5.5	3.66	
MW-2	7.42	3.50	3.92	7.41	4.74	2.67	2.99	4.42	4.8	2.61	4.49	4.67	
MW-3 *	6.42	4.60	1.82	8.53	5.60	2.93	2.95	NS	4.7	3.83	NS	NS	
MW-4	7.07 (a)	6.40	0.67	7.62	6.71	0.91	5.05	2.57	6.8	0.82	6.5	2.66	

*DTW : Depth to water table *SWL : Static water level above MSL *MSL : Mean sea level *TOC : Top of casing *NS : Not Sampled *(a) : Adjusted elevation

* Note MW-3 well closed per our letter of October 4, 1996.

TABLE 2

SUMMARY OF GROUNDWATER MOVEMENT ANALYSIS

DATE	FLOW DIRECTION	GRADIENT
4/25/89	SOUTHWEST	0.0010
11/6/89	SOUTH	0.0120
2/20/90	SOUTH	0.0160
5/31/90	SOUTH	0.0125
9/7/90	SOUTH	0.0115
12/4/90	SOUTH	0.0450
4/16/91	SOUTH	0.0140
7/3/91	SOUTH	0.0130
10/14/91	SOUTH	0.0110
1/9/92	SOUTHWEST	0.0238
7/15/92	SOUTH	0.0130
10/19/92	SOUTH	0.0127
1/11/93	SOUTH	0.0110
4/19/93	SOUTHWEST	0.0130
7/7/93	SOUTHWEST	0.0130
10/15/93	SOUTH	0.0153
1/19/94	SOUTH	0.0105
1/4/95	SOUTH	0.0280
9/18/95	SOUTHWEST	0.0176
3/25/96	SOUTHWEST	0.0177
7/30/96	SOUTH	0.0288
1/21/97	SOUTH	0.0094
9/2/97	SOUTH	0.0423
1/14/98	SOUTH	0.0207

TABLE 3

SUMMARY OF GROUNDWATER QUALITY WELL EW-1 (mg/L)

COMPOUND	7/7/93	10/8/93	1/19/94	1/25/95	9/18/95	1/6/96	1/29/96	3/25/96	7/11/96	1/21/97	7/18/97	1/14/98
TPH as gas	40	12	5	13	3.2	1.7	1.8	1.3	NA	30	2.39	10.2
BENZENE	ND	ND	0.022	0.026	ND	ND	ND	ND	ND	0.007	ND	0.006
TOLUENE	3.6	11	4.3	5	0.62	1.2	1.1	0.55	5.87	3.22	1.21	3.58
TOTAL XYLENES	ND	0.081	0.07	0.048	0.015	0.033	0.043	0.011	0.055	0.055	0.017	0.111
ETHYLBENZENE	ND	ND	0.012	0.009	ND	ND	ND	ND	0.013	0.012	ND	0.013
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.024

*NA : Not analysed

*ND : Non-Detected

TABLE 4**SUMMARY OF GROUNDWATER QUALITY WELL MW-4 (mg/L)**

COMPOUND	7/7/93	10/8/93	1/19/94	1/25/95	9/18/95	1/29/96	3/25/96	7/11/96	1/21/97	7/18/97	1/14/98
TPH as gas	< 100	2.2	0.35	26	5.3	11	14	NA	2.48	2.49	7.25
BENZENE	0.8	0.29	0.21	1.4	0.57	0.75	1	0.86	0.659	0.583	0.727
TOLUENE	0.28	0.22	0.025	0.27	0.11	0.11	0.15	0.076	0.095	0.079	0.136
TOTAL XYLENES	0.3	0.2	0.037	0.28	0.096	0.14	0.22	0.24	0.104	0.169	0.173
ETHYLBENZENE	0.27	0.12	0.035	0.56	0.16	0.24	0.38	0.13	0.058	0.029	0.341
MTBE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND

NA** : Not analysedND** : Non-Detected

Table 5

SUMMARY OF GROUNDWATER QUALITY

DISSOLVED OXYGEN (DO) IN mg/L

ON 1/14/98

EW-1	MW-4
9.0	8.0

TABLE 6

SUMMARY OF GROUNDWATER QUALITY ANALYSIS (PAH IN mg/L)

PARAMETER	EW-1		MW-4	
	7/18/97	1/14/98	7/18/97	1/18/98
ACENAPHTHENE	ND	ND	0.37	0.43
ACENAPHTHYLENE	ND	ND	0.07	0.38
ANTHRACENE	ND	ND	ND	ND
BENZO (a) ANTHRACENE	ND	ND	ND	ND
BENZO (a) PYRENE	ND	ND	ND	ND
BENZO (b) FLUORANTHENE	ND	ND	ND	ND
BENZO (g,h,i) PERYLENE	ND	ND	ND	ND
BENZO (k) FLUORANTHENE	ND	ND	ND	ND
CHRYSENE	ND	ND	ND	ND
DIBENZO (a,h) ANTHRACENE	ND	ND	ND	ND
FLUORANTHENE	ND	ND	ND	ND
FLUORENE	ND	ND	0.07	ND
INDENO (1,2,3-cd) PYRENE	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	16
PHENANTHRENE	ND	ND	ND	0.19
PYRENE	ND	ND	ND	ND

ND : NON-DETECT

4.0 SUMMARY OF FINDINGS

A semi-annual monitoring of wells EW-1 and MW-4 was done on January 14, 1998, and samples were turned over to the laboratory on January 15, 1998. Tables 3 and 4 present the analytical results for each well on TPH_{gas} BTEX and MTBE. Table 5 covers dissolved oxygen levels and table 6 PAH's for both EW-1 and MW-4.

With regards to EW-1, all values for TPH_{gas} and BTEX were higher and MTBE was detected for the first time at 0.024 ppm level. TPH_{gas} increased from 2.39 ppm in July 1997 to 10.2 ppm in January 1998. Toluene, total xylenes and ethylbenzene increased from 1.21, 0.017 and ND ppm to 3.58, 0.111 and 0.013 ppm respectively. PAH's were all ND.

MW-4 results showed a similar overall increase. TPH_{gas} increased from 2.49 ppm in July 18, 1997 to 7.25 ppm in January 14, 1998. Benzene, toluene, total xylenes and ethylbenzene levels increased from 0.583, 0.079, 0.169 and 0.029 ppm in July 18, 1997 to 0.727, 0.136, 0.173 and 0.341 ppm levels respectively. PAH's on MW-4 showed acenaphthene and acenaphthylene increasing from 0.37 and 0.07 ppm to 0.43 and 0.38 ppm respectively. Also naphthalene and phenanthrene increased from ND to 16 and 0.19 ppm respectively. No traces of MTBE were present.

The uniform increase in values for both wells does not represent a new source of pollution. Rather, it is our opinion that the heavy rains associated with the winter weather, complicated by El Nino conditions, have caused water levels to rise releasing contaminants from soils that would not normally be effected. We would expect readings to drop again with summer weather and drier conditions.

The presence of MTBE in well EW-1 indicates that gasoline related chemicals from up-gradient sources have probably seeped into well EW-1.

It is our opinion that all of the contaminants emanate from up-gradient sources and we can expect to continue to have these on our property until such time as remediation takes place on those properties.

APPENDIX A

**GROUNDWATER LABORATORY ANALYSIS (ENVIRO-CHEM,
INC.) REPORT**

Enviro - Chem, Inc.**1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907**

Date: January 22, 1998

Mr. Dick Herring/Walter Loo
Croley & Herring Co.
353 Beacon Ridge Lane
Walnut Creek, CA 94596

Project: CHIC

Dear Mr. Herring:

The analytical results for the liquid samples (Project: CHIC), received by our Lab on January 15, 1998, are attached. The report has also been faxed to Mr. Walter Loo at (562)498-2479.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call Mr. John Ackerman, our Customer Service Specialist, or myself, if you have any questions.

Sincerely,


Curtis Desilets
Lab Director

Compton Persaud
Lab Manager

Hon Su
Program Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: CROLEY & HERRING CO., 353 BEACON RIDGE LANE,
WALNUT CREEK, CA 94596 TEL(510)939-1118

PROJECT: CHIC

MATRIX: WATER DATE SAMPLE REC'D: 01/15/98 (ETS)
 DATE SAMPLED: _____ DATE ANALYZED: 01/19-21/98
 REPORTED TO: MR. DICK HERRING DATE REPORTED: 01/22/98
MR. WALTER LOO/ETS (FAX:562-498-2479) (415)861-3269

SAMPLE I.D.: EW-1

LAB I.D.: 980115-22

ANALYSIS: POLYNUCLEAR AROMATIC HYDROCARBONS, EPA METHOD 8270

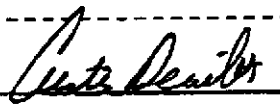
UNIT: uG/L (PPB)

PARAMETER	SAMPLE RESULT	D.L. X5
ACENAPHTHENE	ND	5
ACENAPHTHYLENE	ND	5
ANTHRACENE	ND	5
BENZO (a) ANTHRACENE	ND	5
BENZO (a) PYRENE	ND	5
BENZO (b) FLUORANTHENE	ND	5
BENZO (k) FLUORANTHENE	ND	5
BENZO (g, h, i) PERYLENE	ND	5
CHRYSENE	ND	5
DIBENZO (a, h) ANTHRACENE	ND	5
FLUORANTHENE	ND	5
FLUORENE	ND	5
INDENO (1, 2, 3-cd) PYRENE	ND	5
NAPHTHALENE	ND	5
PHENANTHRENE	ND	5
PYRENE	ND	5

COMMENTS

D.L. = DETECTION LIMIT

ND = NON-DETECTED OR BELOW THE DETECTION LIMIT

Data Reviewed and Approved by: 
 CAL-DHS ELAP#1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: CROLEY & HERRING CO., 353 BEACON RIDGE LANE,
WALNUT CREEK, CA 94596 TEL(510)939-1118

PROJECT: CHIC

MATRIX: WATER DATE SAMPLE REC'D: 01/15/98 (ETS)
 DATE SAMPLED: _____ DATE ANALYZED: 01/19-21/98
 REPORTED TO: MR. DICK HERRING DATE REPORTED: 01/22/98
MR. WALTER LOO/ETS (FAX:562-498-2479) (415)861-3269

SAMPLE I.D.: MW-4

LAB I.D.: 980115-23

ANALYSIS: POLYNUCLEAR AROMATIC HYDROCARBONS, EPA METHOD 8270

UNIT: ug/L (PPB)

PARAMETER	SAMPLE RESULT	D.L. X5
ACENAPHTHENE	430	5
ACENAPHTHYLENE	380	5
ANTHRACENE	ND	5
BENZO (a) ANTHRACENE	ND	5
BENZO (a) PYRENE	ND	5
BENZO (b) FLUORANTHENE	ND	5
BENZO (k) FLUORANTHENE	ND	5
BENZO (g, h, i) PERYLENE	ND	5
CHRYSENE	ND	5
DIBENZO (a, h) ANTHRACENE	ND	5
FLUORANTHENE	ND	5
FLUORENE	ND	5
INDENO (1, 2, 3-cd) PYRENE	ND	5
NAPHTHALENE	16,000	5
PHENANTHRENE	190	5
PYRENE	ND	5

COMMENTS

D.L. = DETECTION LIMIT

ND = NON-DETECTED OR BELOW THE DETECTION LIMIT

Data Reviewed and Approved by: *Lucretia Roberts*
 CAL-DHS ELAP#1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: CROLEY & HERRING CO., 353 BEACON RIDGE LANE,
WALNUT CREEK, CA 94596 TEL(510)939-1118

PROJECT: CHIC

MATRIX: WATER DATE SAMPLE REC'D: 01/15/98 (ETS)
 DATE SAMPLED: _____ DATE ANALYZED: 01/19-21/98
 REPORTED TO: MR. DICK HERRING DATE REPORTED: 01/22/98
MR. WALTER LOO/ETS (FAX: 562-498-2479) (415) 861-3269

 METHOD BLANK FOR LAB I.D.: 980115-22 TO -23

ANALYSIS: POLYNUCLEAR AROMATIC HYDROCARBONS, EPA METHOD 8270

UNIT: ug/L (PPB)

PARAMETER	SAMPLE RESULT	D.L.	X5
ACENAPHTHENE	ND	5	
ACENAPHTHYLENE	ND	5	
ANTHRACENE	ND	5	
BENZO (a) ANTHRACENE	ND	5	
BENZO (a) PYRENE	ND	5	
BENZO (b) FLUORANTHENE	ND	5	
BENZO (k) FLUORANTHENE	ND	5	
BENZO (g, h, i) PERYLENE	ND	5	
CHRYSENE	ND	5	
DIBENZO (a, h) ANTHRACENE	ND	5	
FLUORANTHENE	ND	5	
FLUORENE	ND	5	
INDENO (1, 2, 3-cd) PYRENE	ND	5	
NAPHTHALENE	ND	5	
PHENANTHRENE	ND	5	
PYRENE	ND	5	

COMMENTS

D.L. = DETECTION LIMIT

ND = NON-DETECTED OR BELOW THE DETECTION LIMIT

 Data Reviewed and Approved by: *Walter Loo*
 CAL-DHS ELAP#1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: CROLEY & HERRING CO., 353 BEACON RIDGE LANE,
WALNUT CREEK, CA 94596 TEL(510)939-1118

PROJECT: CHIC

MATRIX: WATER DATE SAMPLE REC'D: 01/15/98 (ETS)
 DATE SAMPLED: DATE ANALYZED: 01/19-21/98
 REPORTED TO: MR. DICK HERRING DATE REPORTED: 01/22/98
MR. WALTER LOO/ETS (FAX: 562-498-2479) (415) 861-3269

SAMPLE I.D.: EW-1

LAB I.D.: 980115-22

PARAMETER	UNIT	SAMPLE RESULT	D.L. (X1)	EPA METHOD
TPH as GASOLINE (C4-C10)	uG/L	10,200	50	5030/8015M
BENZENE	uG/L	6	1	5030/8020
TOLUENE	uG/L	3,580	1	5030/8020
ETHYLBENZENE	uG/L	13	1	5030/8020
TOTAL XYLENES	uG/L	111	2	5030/8020
MTBE	uG/L	24	5	5030/8020

COMMENTS

uG/L = PPB

D.L. = DETECTION LIMIT

ND = BELOW THE DETECTION LIMIT OR NON-DETECTED

TPH = TOTAL PETROLEUM HYDROCARBONS

MTBE = METHYL TERTIARY BUTYL ETHER

DATA REVIEWED AND APPROVED BY: *Patricia DeLuca*

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: CROLEY & HERRING CO., 353 BEACON RIDGE LANE,
WALNUT CREEK, CA 94596 TEL(510)939-1118

PROJECT: CHIC

MATRIX: WATER DATE SAMPLE REC'D: 01/15/98 (ETS)
 DATE SAMPLED: _____ DATE ANALYZED: 01/19-21/98
 REPORTED TO: MR. DICK HERRING DATE REPORTED: 01/22/98
MR. WALTER LOO/ETS (FAX: 562-498-2479) (415) 861-3269

SAMPLE I.D.: MW-4

LAB I.D.: 980115-23

<u>PARAMETER</u>	<u>UNIT</u>	<u>SAMPLE RESULT</u>	<u>D.L. (X50)</u>	<u>EPA METHOD</u>
TPH as GASOLINE (C4-C10)	uG/L	7,250	50	5030/8015M
BENZENE	uG/L	727	1	5030/8020
TOLUENE	uG/L	136	1	5030/8020
ETHYLBENZENE	uG/L	341	1	5030/8020
TOTAL XYLENES	uG/L	173	2	5030/8020
MTBE	uG/L	ND	5	5030/8020

COMMENTS

uG/L = PPB

D.L. = DETECTION LIMIT

ND = BELOW THE DETECTION LIMIT OR NON-DETECTED

TPH = TOTAL PETROLEUM HYDROCARBONS

MTBE = METHYL TERTIARY BUTYL ETHER

DATA REVIEWED AND APPROVED BY: *Ante Smith*

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: CROLEY & HERRING CO., 353 BEACON RIDGE LANE,
WALNUT CREEK, CA 94596 TEL (510) 939-1118

PROJECT: CHIC

MATRIX: WATER DATE SAMPLE REC'D: 01/15/98 (ETS)
 DATE SAMPLED: _____ DATE ANALYZED: 01/19-21/98
 REPORTED TO: MR. DICK HERRING DATE REPORTED: 01/22/98
MR. WALTER LOO/ETS (FAX: 562-498-2479) (415) 861-3269

 METHOD BLANK FOR LAB I.D.: 980115-22 TO -23

PARAMETER	UNIT	SAMPLE RESULT	D.L. (X1)	EPA METHOD
TPH as GASOLINE (C4-C10)	uG/L	ND	50	5030/8015M
BENZENE	uG/L	ND	1	5030/8020
TOLUENE	uG/L	ND	1	5030/8020
ETHYLBENZENE	uG/L	ND	1	5030/8020
TOTAL XYLENES	uG/L	ND	2	5030/8020
MTBE	uG/L	ND	5	5030/8020

COMMENTS

uG/L = PPB

D.L. = DETECTION LIMIT

ND = BELOW THE DETECTION LIMIT OR NON-DETECTED

TPH = TOTAL PETROLEUM HYDROCARBONS

MTBE = METHYL TERTIARY BUTYL ETHER

 DATA REVIEWED AND APPROVED BY: *Paula Devitt*

CAL-DHS ELAP CERTIFICATE No.: 1555

**ENVIRO-CHEM, INC.
LABORATORIES**

1214 E. Lexington Ave.
Pomona, CA 91766
(909) 590-5905 • Fax: (909) 590-5907

CHAIN of CUSTODY RECORD

Lab Project # _____

CA-DHS ELAP CERTIFICATE # 1555

DATE: 1/14/98
PAGE: 1 of 1

REPORT TO: <u>DICK HERRING (CHIC)</u>			PROJECT NAME: <u>CHIC</u>			TURN AROUND TIME DESIRED			
STREET: <u>353 BEACON RIDGE LANE</u>			PROJECT CONTACT: <u>WALTER LOO</u>			<input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> Standard (2 Weeks)			
CITY: <u>WALNUT CREEK</u>		STATE: <u>CA</u>	ZIP: <u>94596</u>		SAMPLER(S) SIGNATURE:			<input type="checkbox"/> Others: _____ Confirmed _____ By: _____	
TEL: <u>(510) 939 1118</u>		FAX: <u>() Same</u>		AFTER ANALYSES, SAMPLES ARE TO BE:			<input type="checkbox"/> DISPOSED OF <input checked="" type="checkbox"/> STORED (30 days) <input type="checkbox"/> RETURNED TO CLIENT <input type="checkbox"/> OTHER: _____		
SHIPPING INFORMATION:				RECEIVED BY: (Signature) <u>[Signature]</u>		DATE: <u>1/15/98</u>		TIME: <u>11:00</u>	
RELINQUISHED BY: (Signature) <u>D. NOUBARENTZ</u>				RECEIVED BY: (Signature) _____		DATE: _____		TIME: _____	
RELINQUISHED BY: (Signature) _____				RECEIVED BY: (Signature) _____		DATE: _____		TIME: _____	
RELINQUISHED BY: (Signature) _____				RECEIVED BY: (Signature) _____		DATE: _____		TIME: _____	
SAMPLE I.D.	LAB I.D.	SAMPLING DATE/TIME	MATRIX	No of Containers	ANALYSIS REQUESTED	SAMPLE RECEIVED CONDITION		Sample Stored Location	
<u>EW-1</u>	<u>980115-22</u>		<u>Water</u>	<u>1L bottle</u>	<u>PAH</u>	<u>Chilled</u>		<u>R1</u>	
				<u>2x40ml</u>					<u>BTEX</u>
<u>MW-4</u>	<u>-23</u>		<u>"</u>	<u>1L bottle</u>	<u>TPH gen.</u>			<u>R1</u>	
				<u>2x40ml</u>					<u>TTSE</u>

TOTAL P.06

01-23-1998 11:36AM

P.06