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Clayton
ENVIRONMENTAL
CONSULTANTS

Fourth Quarter 1997
Groundwater Monitoring Report
at
5050 and 5200 Coliseum Way
Oakland, California

Clayton Project No. 70-97203.00.300
January 26, 1998

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1.0 INTRODUCTION

Clayton Environmental Consultants, a division of Clayton Group Services, Inc., (Clayton) conducted fourth quarter 1997 groundwater monitoring activities at 5050 and 5200 Coliseum Way in Oakland, California (Figure 1) on December 11, 12 and 19, 1997.

This report summarizes the results of groundwater monitoring conducted on December 11, 12 and 19, 1997 by Clayton. Samples were collected from 16 of the 27 groundwater monitoring wells, located at the subject sites.

2.0 SITE SETTING

The 5050 and 5200 Coliseum Way Properties are located about 600 feet east of Interstate 880 about a half mile east of San Leandro Bay in Oakland, California (Figure 1 and Figure 2). The subject properties and surrounding area have a long history of industrial usage. The 5050 and 5200 Coliseum Way sites encompass approximately 10 acres of relatively flat ground approximately 10 feet above mean sea level. Regionally, groundwater generally flows west towards San Leandro Bay.

The adjacent 5050 and 5200 Coliseum Way properties are separated by a northeast trending cyclone fence. Monitoring activities at the 5050 Coliseum Way property also includes the monitoring wells on the adjacent property at 750 50th Avenue.

Tidally-influenced stormwater drainage channels border both of the subject properties (Figure 2). An open and concrete-lined channel parallels the southeast property boundary of the 5200 Coliseum Way site. Two subsurface culverts, the Courtland Creek Culvert and the Second Line G Culvert, parallel the northwest property boundaries of the 5050 Coliseum Way property and the 750 50th Avenue property. The two culverts merge into an open concrete-lined channel south of the of the 5050 Coliseum Way property, near the intersection of Coliseum Way and 50th Avenue. These channels become open and unlined toward Interstate 880 and eventually drain into San Leandro Bay.

Southeast of the subject properties, across Coliseum Way, is the PG&E Substation J property and the 5051 Coliseum Way property. These properties are downgradient of the subject properties and the open concrete-lined channels border these properties.

3.0 SITE HYDROLOGY

Groundwater depth measurements and wellhead elevations used in the preparation of this report were performed by Clayton. The depth to groundwater was measured in each monitoring well prior to well purging and sample collection. A summary of current and prior measurements by Clayton and other consultants is included in Table 1. Field sampling survey forms containing information on field conditions for this monitoring event are included in Appendix A of this report.

Groundwater elevations in the 5050 and 5200 Coliseum Way monitoring wells were found to vary from 2.73 feet above mean sea level in well LF-12 to 6.70 feet above sea level in well CW-4. Based on data collected on December 10, 1997, the general groundwater flow direction is to the west, with a hydraulic gradient of approximately 0.010 feet per foot (ft/ft) as shown on Figure 2. Wells LF-5 and LF-11 were used to determine the magnitude of the groundwater gradient at the subject sites. A southwesterly to southerly flow component is present at the 5200 Coliseum Way property toward the drainage ditch.

4.0 GROUNDWATER SAMPLING AND ANALYSIS

Groundwater samples were collected from 16 monitoring wells (CW-1, CW-2, CW-3, CW-4, CW-5, LF-1, LF-2, LF-3, LF-5, LF-8, LF-11, LF-12, LF-13, LF-14, LF-16, and LFMW-3). All groundwater samples were submitted to Clayton's state-certified laboratory in Pleasanton, California for the following analyses:

- EPA Methods 200.7 and 245.2 California Assessment Manual (CAM-17) Metals
- EPA Method 8015 modified for Total Petroleum Hydrocarbons as Gasoline (TPH-G)
- EPA Method 8015 modified for Total Petroleum Hydrocarbons as Diesel (TPH-D)
- EPA Method 8015 modified for Total Petroleum Hydrocarbons as Oil (TPH-O)
- EPA Method 8020 for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)

5.0 GROUNDWATER ANALYTICAL RESULTS

Petroleum Hydrocarbons

A summary of analytical results for petroleum hydrocarbons detected in groundwater is presented in Table 2.

TPH-G results ranged from below the laboratory detection limit of 0.05 milligrams per liter (mg/L) to a maximum concentrations of 18.0 mg/L. The most significant concentrations were 11.0 mg/L in well CW-4 and 18.0 mg/L in well CW-5. TPH-G concentrations and isoconcentration contours are presented in Figure 3. Associated BTEX products follow a similar distribution, with benzene results ranging from below the detection limit of 0.0004 mg/L to a maximum of 0.087 mg/L. The most significant benzene concentrations were 0.087 mg/L in both wells CW-4 and CW-5. Benzene concentrations in groundwater are presented in Figure 4.

TEPH results, which include TPH-D and TPH-O, closely parallel the other petroleum hydrocarbon concentrations with the most significant concentrations found in wells CW-5 at 78 mg/L and CW-4 at 50 mg/L. Concentrations of TEPH in groundwater are presented in Figure 5.

Metals

A summary of metals, total dissolved solids (TDS), and pH results is included in Table 3. Field measurements for this monitoring event of groundwater samples resulted in pH levels ranging from 3.91 to 10.17 standard units (SU). Metals that were detected above laboratory reporting limits include:

		SCC (mg/L)
Arsenic	to 10.0 mg/L	5
Barium	to 1,400 mg/L	100
Beryllium	to 0.062 mg/L	0.75
Cadmium	to 72 mg/L	1.0
Chromium	to 0.34 mg/L	5
Cobalt	to 3.6 mg/L	80
Copper	to 15 mg/L	25
Molybdenum	to 0.11 mg/L	350
Nickel	to 13 mg/L	20
Vanadium	to 0.05 mg/L	24
Zinc	to 31,000 mg/L	250

Concentrations of arsenic, barium, cadmium, and zinc in groundwater are presented in Figures 6, 7, 8, and 9, respectively.

Copies of the analytical reports for the December 1997 monitoring event are enclosed as Appendix B to this report.

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January 26, 1998

Portion of 7.5-Minute Oakland East, California Quadrangle Map
United States Department of the Interior
Geological Survey
1959
Photorevised 1980

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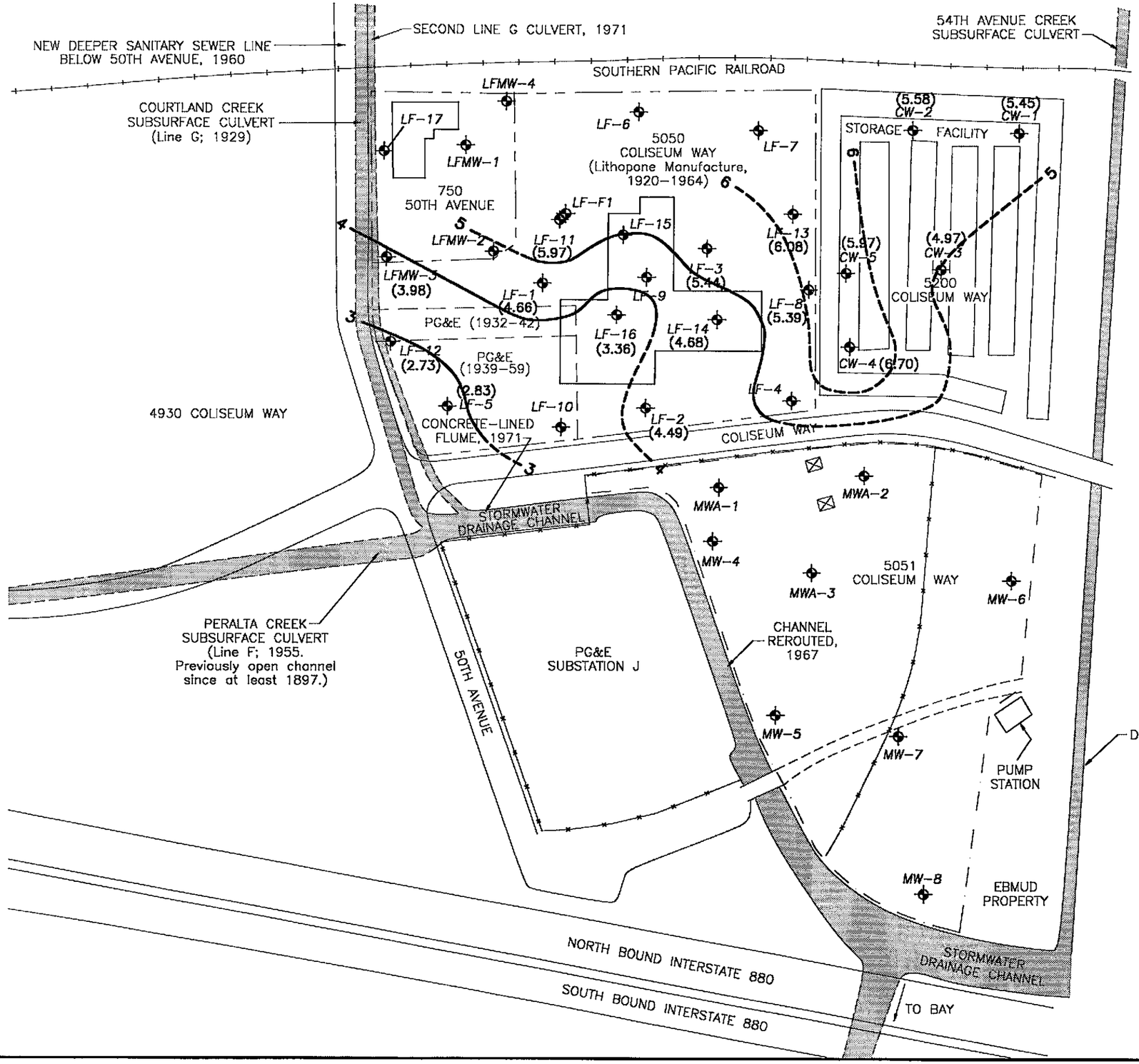
SITE LOCATION MAP Coliseum Way Properties Oakland, California Client: Lempres & Wulfsberg Clayton Project No. 70-97203.00.300	Figure 1 97203-8-18	Clayton ENVIRONMENTAL CONSULTANTS



POTENTIOMETRIC SURFACE MAP, DECEMBER 10, 1997 FOURTH QUARTER, 1997

5050 AND 5200 COLISEUM WAY
OAKLAND, CALIFORNIA

Clayton Project No. 70–97203.00.300

Figure 2

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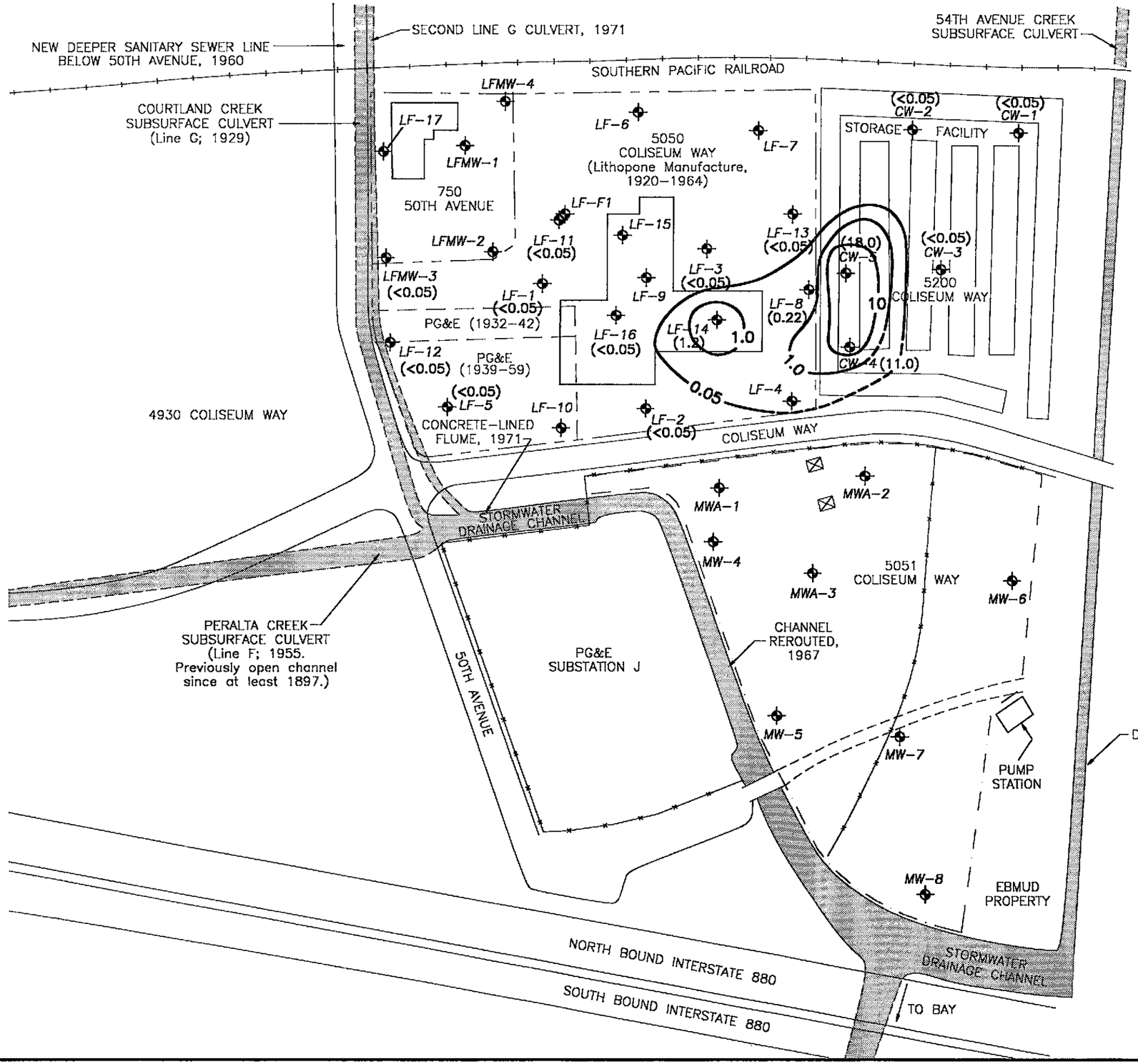
Clayton ENVIRONMENTAL CONSULTANTS



LEGEND:

LF-1 ⊕ Monitoring Well Location

(<0.05) TPH-G Concentrations in Groundwater, milligrams per liter (mg/L)

CONCENTRATIONS OF TPH-G IN GROUNDWATER, DECEMBER 11 & 19, 1997 FOURTH QUARTER, 1997

5050 AND 5200 COLISEUM WAY
OAKLAND, CALIFORNIA

Clayton Project No. 70-97203.00.300

Figure 3

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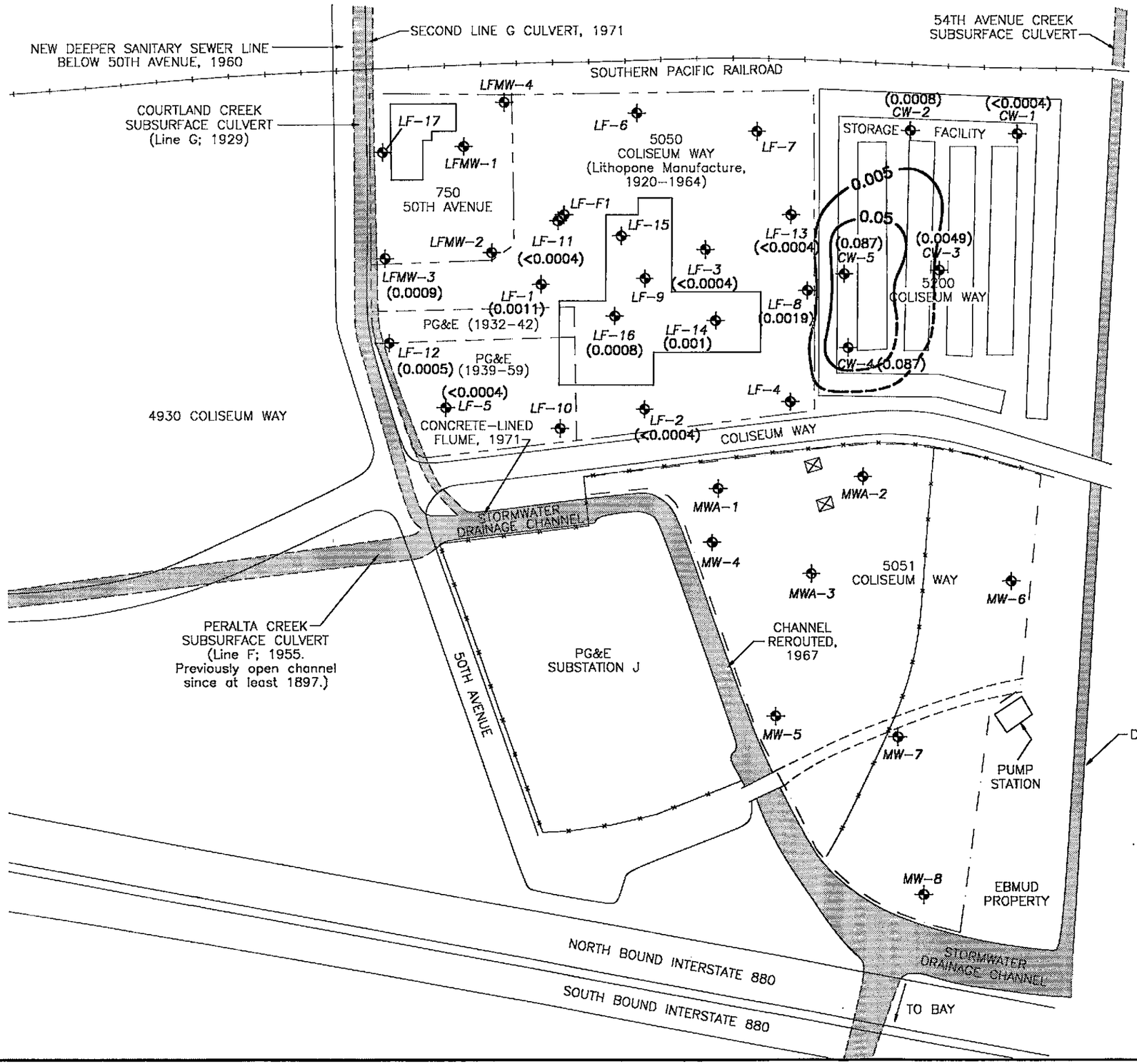
Clayton ENVIRONMENTAL CONSULTANTS



LEGEND:

LF-1 ⊕ Monitoring Well Location

(0.0011) Benzene Concentrations in Groundwater, milligrams per liter (mg/L)

Note: MCL for Benzene is 0.005 mg/L.

0 150

SCALE: feet

CONCENTRATIONS OF BENZENE IN GROUNDWATER, DECEMBER 11 & 19, 1997 FOURTH QUARTER, 1997

5050 AND 5200 COLISEUM WAY
OAKLAND, CALIFORNIA

Clayton Project No. 70-97203.00.300

Figure 4

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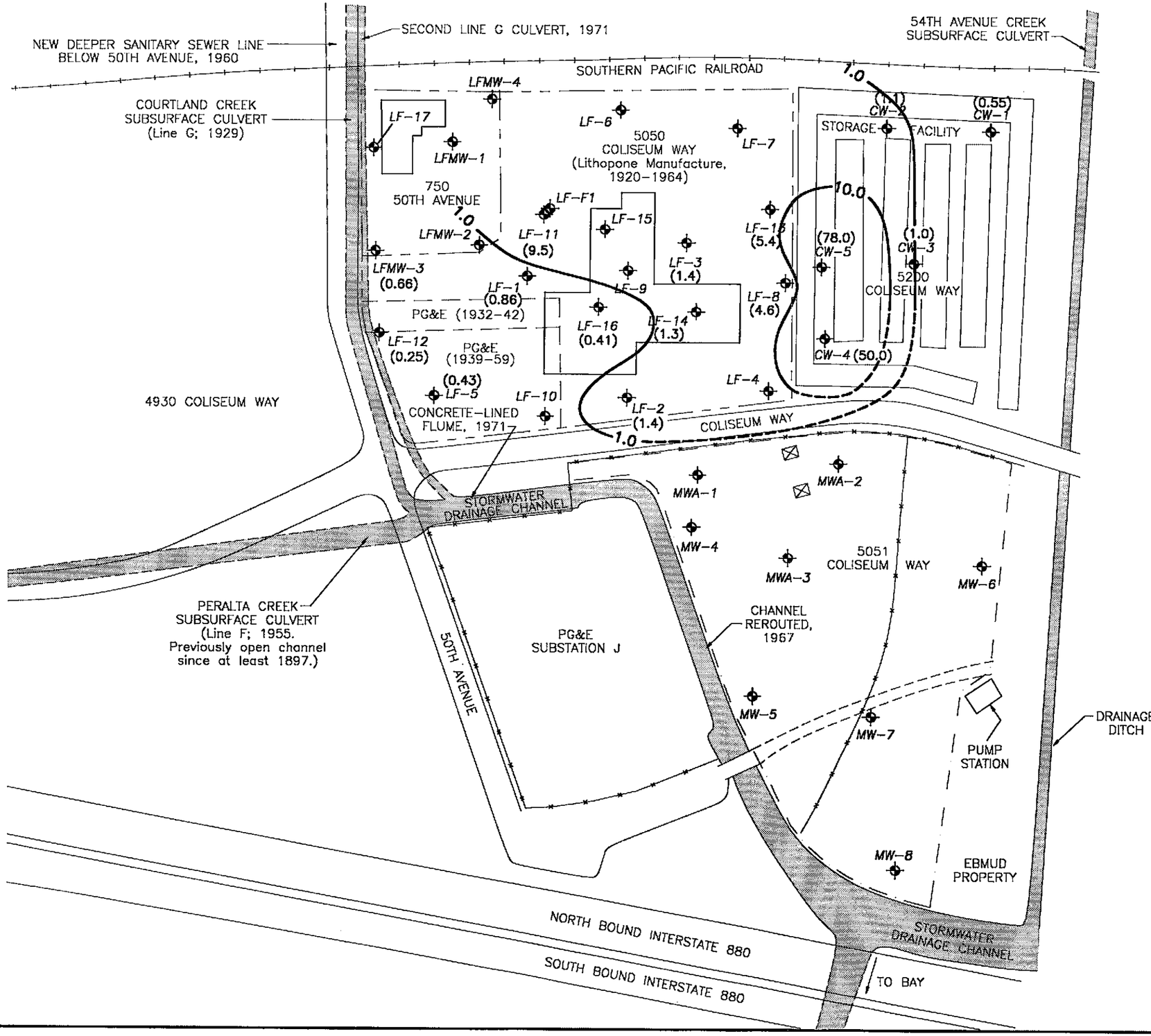
Clayton ENVIRONMENTAL CONSULTANTS



CONCENTRATIONS OF TEPH IN GROUNDWATER, DECEMBER 11 & 19, 1997
FOURTH QUARTER, 1997

5050 AND 5200 COLISEUM WAY
OAKLAND, CALIFORNIA

Clayton Project No. 70-97203.00.300

Figure 5

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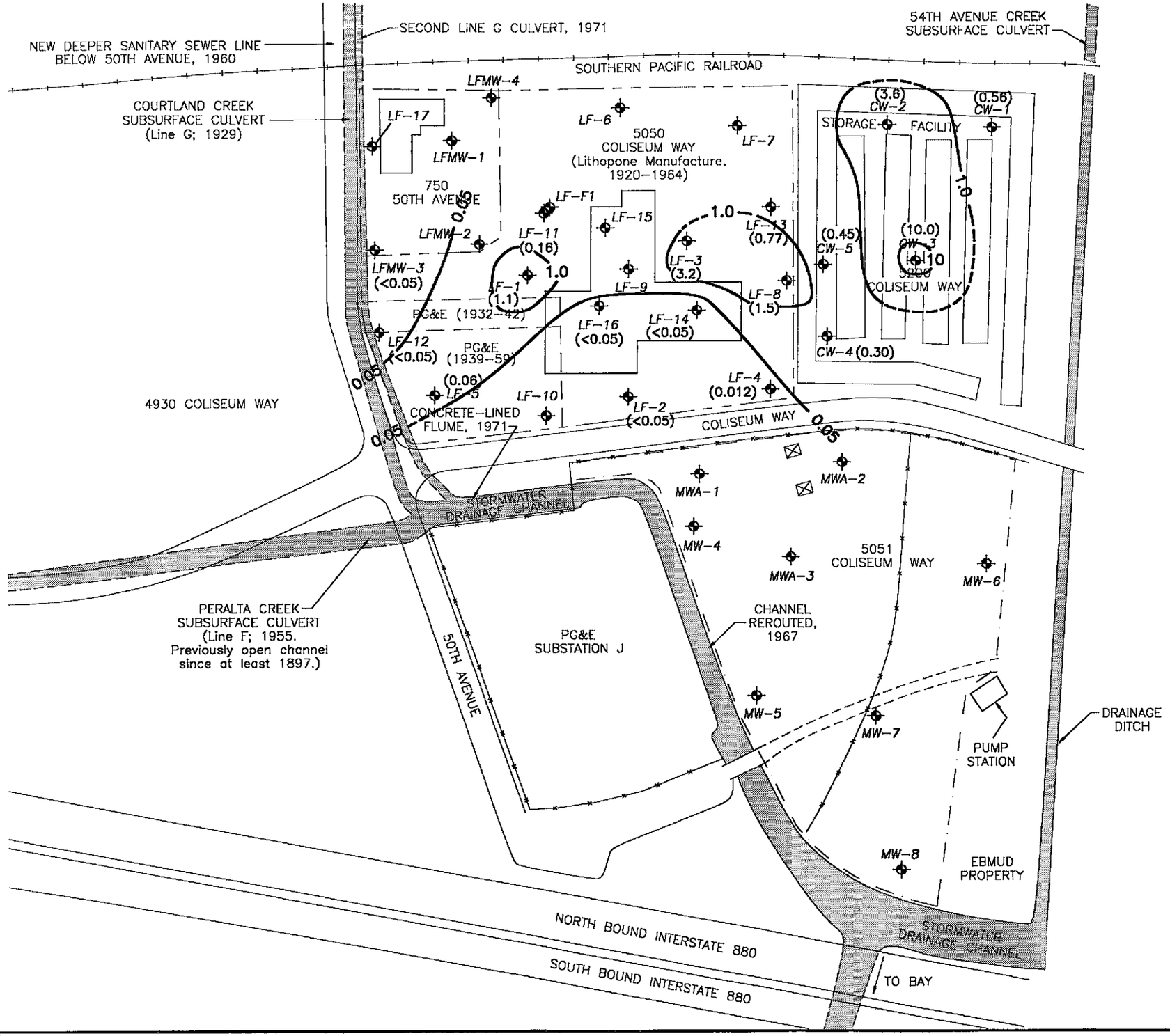
Clayton ENVIRONMENTAL CONSULTANTS



CONCENTRATIONS OF ARSENIC IN GROUNDWATER, DECEMBER 11 & 19, 1997 FOURTH QUARTER, 1997

5050 AND 5200 COLISEUM WAY
OAKLAND, CALIFORNIA

Clayton Project No. 70-97203.00.300

Figure 6

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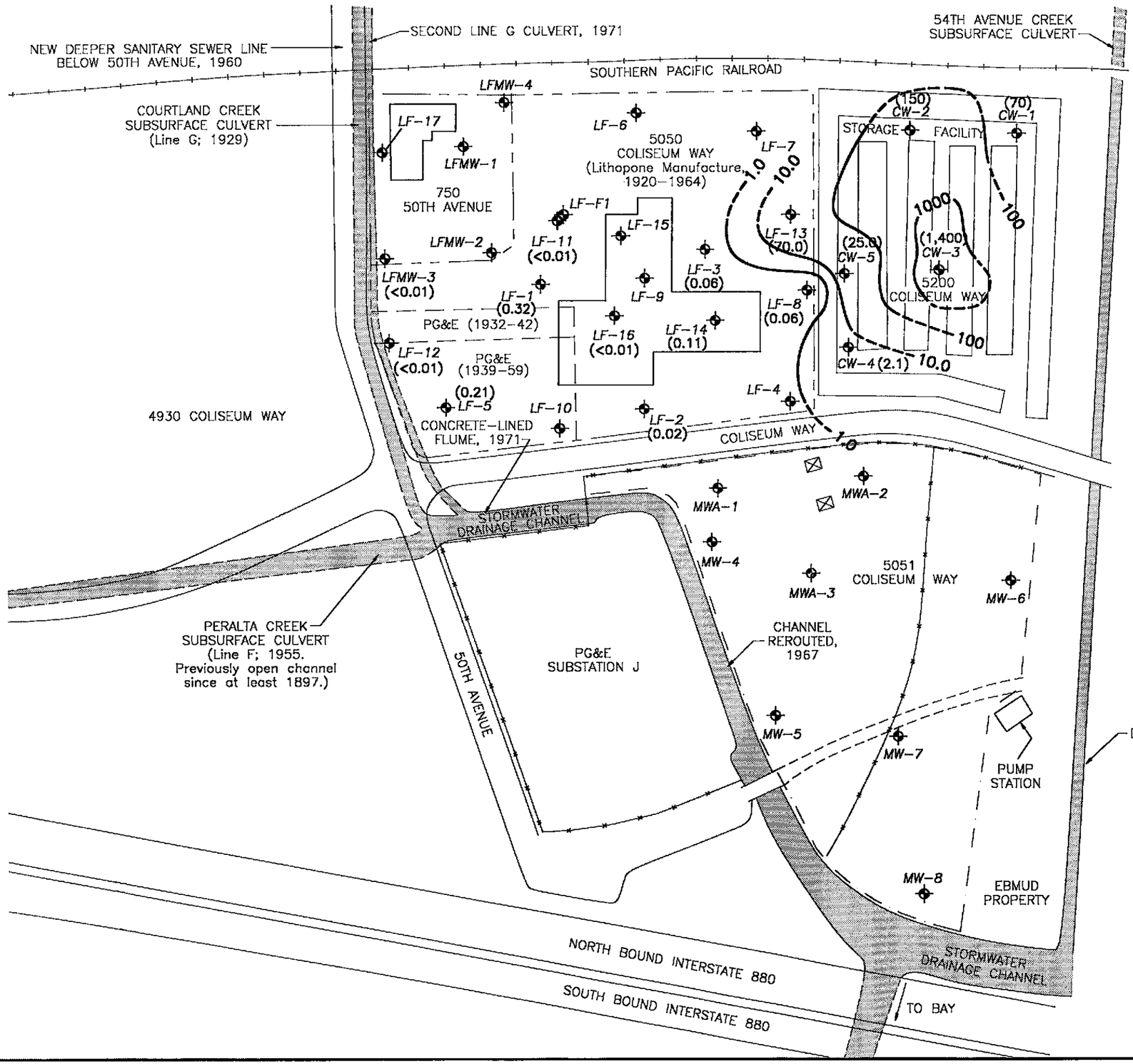
Clayton ENVIRONMENTAL CONSULTANTS



LEGEND:

LF-8 ⊕ Monitoring Well Location

(0.06) Barium Concentrations in Groundwater, milligrams per liter (mg/L)

Note: MCL for Barium is 1 mg/L.

CONCENTRATIONS OF BARIUM IN GROUNDWATER, DECEMBER 11 & 19, 1997 FOURTH QUARTER, 1997

5050 AND 5200 COLISEUM WAY
OAKLAND, CALIFORNIA

Clayton Project No. 70-97203.00.300

Figure 7

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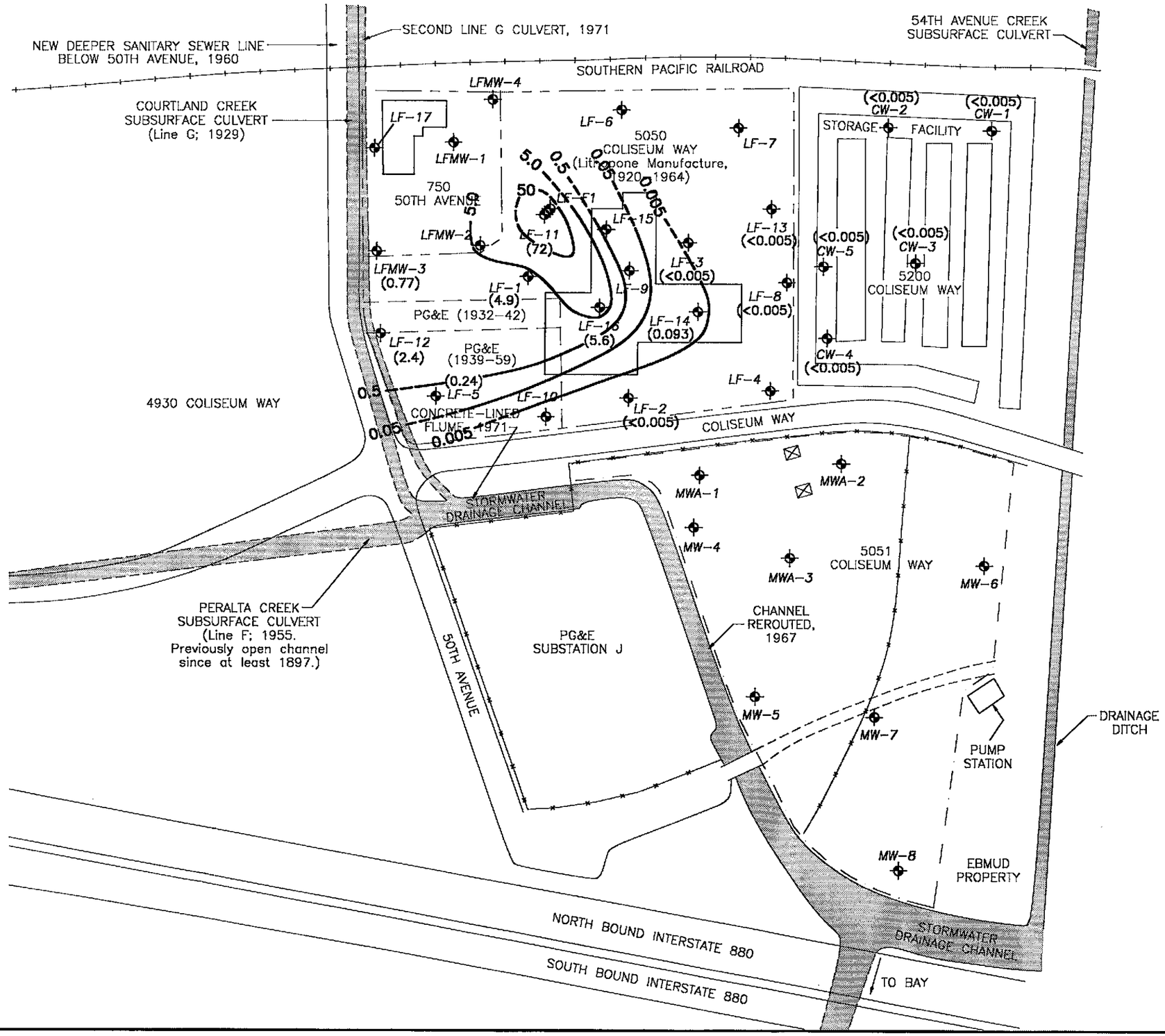
Clayton ENVIRONMENTAL CONSULTANTS



LEGEND:

LF-1 ⊕ Monitoring Well Location

(4.9) Cadmium Concentrations in Groundwater, milligrams per liter (mg/L)

Note: MCL for Cadmium is 0.005 mg/L.

0 150

SCALE: feet

CONCENTRATIONS OF CADMIUM IN GROUNDWATER, DECEMBER 11 & 19, 1997
FOURTH QUARTER, 1997

5050 AND 5200 COLISEUM WAY
OAKLAND, CALIFORNIA

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Figure 8

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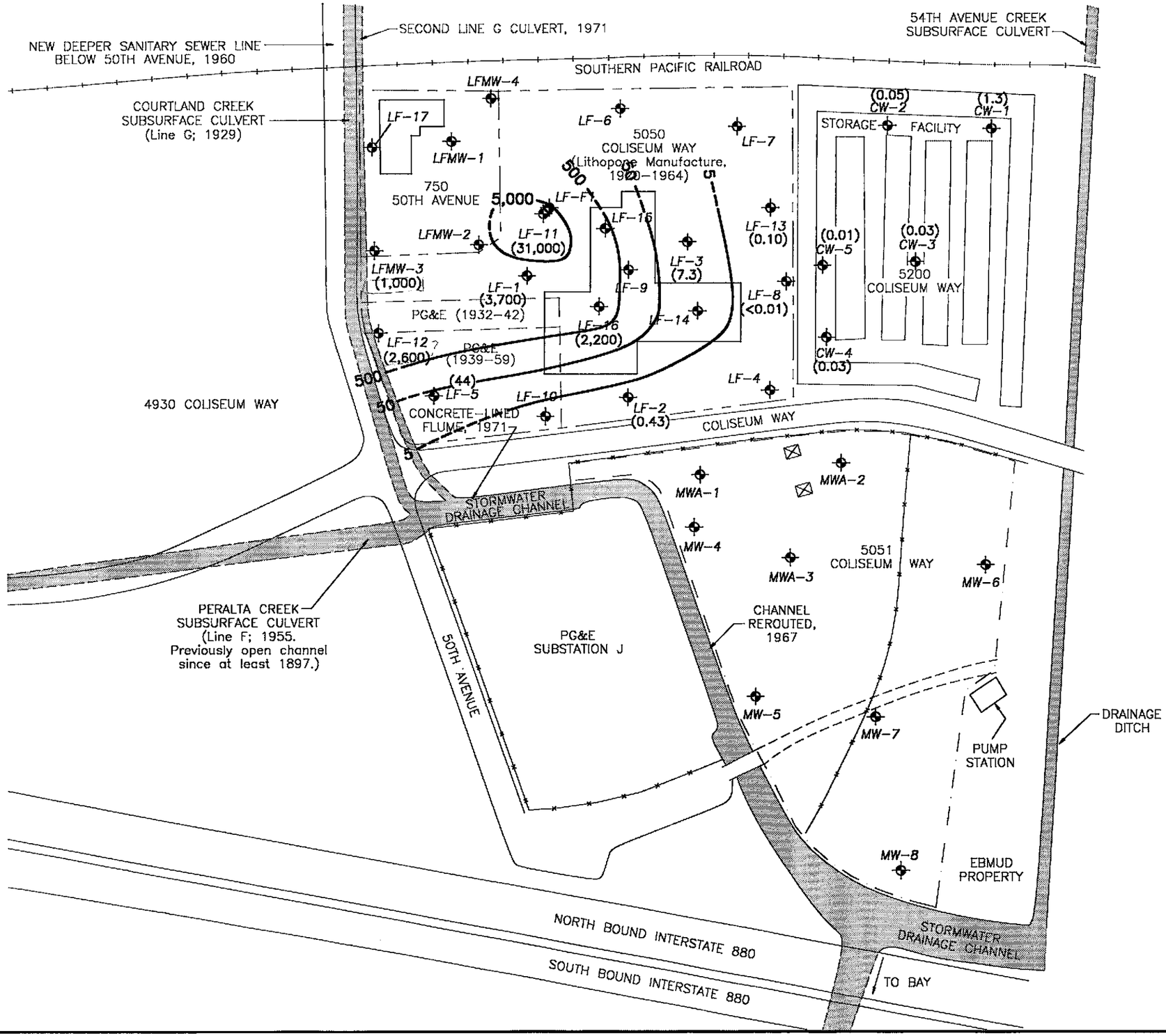
Clayton ENVIRONMENTAL CONSULTANTS



LEGEND:

LF–1 ⊕ Monitoring Well Location

(3,700) Zinc Concentrations in Groundwater, milligrams per liter (mg/L)

Note: MCL for Zinc is 5 mg/L.

CONCENTRATIONS OF ZINC IN GROUNDWATER, DECEMBER 11 & 19, 1997 FOURTH QUARTER, 1997

5050 AND 5200 COLISEUM WAY
OAKLAND, CALIFORNIA

Clayton Project No. 70–97203.00.300

Figure 9

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Clayton ENVIRONMENTAL CONSULTANTS

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LF-1	07-Nov-91	7.56	6.79	0.77	
		26-Oct-92		4.69	2.87	2.10
		04-Mar-92		3.94	3.62	0.75
		14-Apr-93		3.41	4.15	0.53
		24-May-93		3.07	4.49	0.34
		14-Jun-93		3.41	4.15	-0.34
		30-Jul-93		3.46	4.10	-0.05
		31-Aug-93		3.67	3.89	-0.21
		27-Sep-93		3.76	3.80	-0.09
		25-Oct-93		3.74	3.82	0.02
		02-Nov-93		4.26	3.30	-0.52
		08-Dec-93		4.42	3.14	-0.16
		28-Jan-94		4.06	3.50	0.36
		15-Feb-94		3.94	3.62	0.12
		24-May-94		3.81	3.75	0.13
		21-Sep-94		3.75	3.81	0.06
		19-Dec-94		3.51	4.05	0.24
		13-Mar-95		2.33	5.23	1.18
		07-Jun-95		2.49	5.07	-0.16
		05-Sep-95		2.78	4.78	-0.29
		18-Dec-95		3.21	4.35	-0.43
		19-Aug-97		4.10	3.46	-0.89
		10-Dec-97		2.90	4.66	1.20

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LF-2	07-Nov-91	9.84	7.26	2.58	
		26-Oct-92		6.28	3.56	0.98
		04-Mar-92		5.14	4.70	1.14
		14-Apr-93		4.95	4.89	0.19
		24-May-93		5.09	4.75	-0.14
		14-Jun-93		5.21	4.63	-0.12
		30-Jul-93		5.38	4.46	-0.17
		31-Aug-93		5.57	4.27	-0.19
		27-Sep-93		5.70	4.14	-0.13
		25-Oct-93		5.80	4.04	-0.10
		02-Nov-93		5.86	3.98	-0.06
		08-Dec-93		6.21	3.63	-0.35
		28-Jan-94		6.12	3.72	0.09
		15-Feb-94		6.07	3.77	0.05
		24-May-94		5.65	4.19	0.42
		21-Sep-94		6.00	3.84	-0.35
		19-Dec-94		5.91	3.93	0.09
		13-Mar-95		4.30	5.54	1.61
		07-Jun-95		4.36	5.48	-0.06
		05-Sep-95		5.12	4.72	-0.76
		18-Dec-95		5.56	4.28	-0.44
		19-Aug-97		5.28	4.56	0.28
		10-Dec-97		5.35	4.49	-0.07

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LF-3	07-Nov-91	10.98	7.55	3.43	
		26-Oct-92		7.05	3.93	0.50
		04-Mar-92		5.83	5.15	1.22
		14-Apr-93		5.48	5.50	0.35
		24-May-93		5.61	5.37	-0.13
		14-Jun-93		5.75	5.23	-0.14
		30-Jul-93		5.96	5.02	-0.21
		31-Aug-93		6.18	4.80	-0.22
		27-Sep-93		6.33	4.65	-0.15
		25-Oct-93		6.46	4.52	-0.13
		02-Nov-93		6.62	4.36	-0.16
		08-Dec-93		6.71	4.27	-0.09
		28-Jan-94		6.72	4.26	-0.01
		15-Feb-94		6.50	4.48	0.22
		24-May-94		6.15	4.83	0.35
		21-Sep-94		6.56	4.42	-0.41
		19-Dec-94		6.06	4.92	0.50
		13-Mar-95		4.85	6.13	1.21
		07-Jun-95		4.58	6.40	0.27
		05-Sep-95		5.38	5.60	-0.80
		18-Dec-95		5.75	5.23	-0.37
		19-Aug-97		5.60	5.38	0.15
		10-Dec-97		5.54	5.44	0.06

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LF-4	07-Nov-91	10.36	11.63	-1.27	
		26-Oct-92		7.31	3.05	4.32
		04-Mar-92		5.58	4.78	1.73
		14-Apr-93		5.21	5.15	0.37
		24-May-93		5.48	4.88	-0.27
		14-Jun-93		5.63	4.73	-0.15
		30-Jul-93		5.92	4.44	-0.29
		31-Aug-93		6.16	4.20	-0.24
		27-Sep-93		6.36	4.00	-0.20
		25-Oct-93		6.54	3.82	-0.18
		02-Nov-93		7.00	3.36	-0.46
		08-Dec-93		6.96	3.40	0.04
		28-Jan-94		7.04	3.32	-0.08
		15-Feb-94		6.84	3.52	0.20
		24-May-94		5.99	4.37	0.85
		21-Sep-94		6.62	3.74	-0.63
		19-Dec-94		6.75	3.61	-0.13
		13-Mar-95		5.67	4.69	1.08
		07-Jun-95		4.48	5.88	1.19
		05-Sep-95		5.38	4.98	-0.90
		18-Dec-95		5.96	4.40	-0.58
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LF-5	07-Nov-91	8.03	7.34	0.69	
		26-Oct-92		7.05	0.98	0.29
		04-Mar-92		6.05	1.98	1.00
		14-Apr-93		6.25	1.78	-0.20
		24-May-93		6.61	1.42	-0.36
		14-Jun-93		6.97	1.06	-0.36
		30-Jul-93		6.72	1.31	0.25
		31-Aug-93		6.84	1.19	-0.12
		27-Sep-93		7.10	0.93	-0.26
		25-Oct-93		7.11	0.92	-0.01
		02-Nov-93		7.04	0.99	0.07
		08-Dec-93		7.27	0.76	-0.23
		28-Jan-94		6.82	1.21	0.45
		15-Feb-94		6.85	1.18	-0.03
		24-May-94		6.76	1.27	0.09
		21-Sep-94		7.05	0.98	-0.29
		19-Dec-94		6.48	1.55	0.57
		13-Mar-95		5.25	2.78	1.23
		07-Jun-95		5.98	2.05	-0.73
		05-Sep-95		6.42	1.61	-0.44
		18-Dec-95		5.87	2.16	0.55
		19-Aug-97		5.95	2.08	-0.08
		10-Dec-97		5.20	2.83	0.75

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LF-6	07-Nov-91	11.59	8.59	3.00	
		26-Oct-92		8.82	2.77	-0.23
		04-Mar-92		5.79	5.80	3.03
		14-Apr-93		5.41	6.18	0.38
		24-May-93		6.05	5.54	-0.64
		14-Jun-93		6.29	5.30	-0.24
		30-Jul-93		6.83	4.76	-0.54
		31-Aug-93		7.27	4.32	-0.44
		27-Sep-93		7.61	3.98	-0.34
		25-Oct-93		7.79	3.80	-0.18
		02-Nov-93		8.07	3.52	-0.28
		08-Dec-93		7.34	4.25	0.73
		28-Jan-94		6.37	5.22	0.97
		15-Feb-94		5.98	5.61	0.39
		24-May-94		6.14	5.45	-0.16
		21-Sep-94		7.39	4.20	-1.25
		19-Dec-94		6.12	5.47	1.27
		13-Mar-95		4.98	6.61	1.14
		07-Jun-95		5.03	6.56	-0.05
		05-Sep-95		6.23	5.36	-1.20
		18-Dec-95		5.71	5.88	0.52
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LF-7	07-Nov-91	10.65	8.54	2.00	
		26-Oct-92		7.98	2.56	0.56
		04-Mar-92		4.92	5.62	3.06
		14-Apr-93		4.80	5.74	0.12
		24-May-93		5.03	5.51	-0.23
		14-Jun-93		5.18	5.36	-0.15
		30-Jul-93		5.51	5.03	-0.33
		31-Aug-93		5.82	4.72	-0.31
		27-Sep-93		6.14	4.40	-0.32
		25-Oct-93		6.39	4.15	-0.25
		02-Nov-93		6.60	3.94	-0.21
		08-Dec-93		6.74	3.80	-0.14
		28-Jan-94		6.03	4.51	0.71
		15-Feb-94		5.59	4.95	0.44
		24-May-94		5.46	5.08	0.13
		21-Sep-94		6.40	4.14	-0.94
		19-Dec-94		5.59	4.95	0.81
		13-Mar-95		4.16	6.38	1.43
		07-Jun-95		4.07	6.47	0.09
		05-Sep-95		4.81	5.73	-0.74
		18-Dec-95		4.99	5.55	-0.18
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)		Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	**LF-8**	02-Nov-93	10.91	6.18		4.73	
		08-Dec-93		6.29		4.62	-0.11
		28-Jan-94		6.38		4.53	-0.09
		15-Feb-94		6.37		4.54	0.01
		24-May-94		6.15		4.76	0.22
		21-Sep-94		6.33		4.58	-0.18
		19-Dec-94		6.31		4.60	0.02
		13-Mar-95		4.48		6.43	1.83
		07-Jun-95		4.46		6.45	0.02
		05-Sep-95		5.08		5.83	-0.62
		18-Dec-95		5.63		5.28	-0.55
		19-Aug-97		5.39		5.52	0.24
		10-Dec-97		5.52	2	5.39	-0.13
5050	**LF-9**	02-Nov-93	11.70	6.76		4.94	
		08-Dec-93		6.91		4.79	-0.15
		28-Jan-94		6.88		4.82	0.03
		15-Feb-94		6.80		4.90	0.08
		24-May-94		6.80		4.90	0.00
		21-Sep-94		6.98		4.72	-0.18
		19-Dec-94		6.34		5.36	0.64
		13-Mar-95		5.12		6.58	1.22
		07-Jun-95		5.31		6.39	-0.19
		05-Sep-95		5.90		5.80	-0.59
		18-Dec-95		6.80		4.90	-0.90
		19-Aug-97		--		--	--
		10-Dec-97		--		--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)		Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	**LF-10**	02-Nov-93	9.43	8.14		1.29	
		08-Dec-93		7.82		1.61	0.32
		28-Jan-94		--		--	--
		15-Feb-94		7.47		1.96	
		24-May-94		7.11		2.32	0.36
		21-Sep-94		7.90		1.53	-0.79
		19-Dec-94		7.21		2.22	0.69
		13-Mar-95		5.68		3.75	1.53
		07-Jun-95		5.92		3.51	-0.24
		05-Sep-95		6.61		2.82	-0.69
		18-Dec-95		6.92		2.51	-0.31
		19-Aug-97		--		--	--
		10-Dec-97		--		--	--
5050	**LF-11**	02-Nov-93	9.07	11.68		-2.61	
		08-Dec-93		5.35		3.72	6.33
		28-Jan-94		5.27		3.80	0.08
		15-Feb-94		5.04		4.03	0.23
		24-May-94		4.20		4.87	0.84
		21-Sep-94		4.70		4.37	-0.50
		19-Dec-94		4.72		4.35	-0.02
		13-Mar-95		3.27		5.80	1.45
		07-Jun-95		3.75		5.32	-0.48
		05-Sep-95		3.70		5.37	0.05
		18-Dec-95		4.20		4.87	-0.50
		19-Aug-97		3.60		5.47	0.60
		10-Dec-97		3.10	1	5.97	0.50

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)		Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LF-12	02-Nov-93	8.70	7.87		0.83	
		08-Dec-93		7.90		0.80	-0.03
		28-Jan-94		7.46		1.24	0.44
		15-Feb-94		7.66		1.04	-0.20
		24-May-94		--		--	--
		21-Sep-94		7.80		0.90	
		19-Dec-94		7.32		1.38	0.48
		13-Mar-95		6.00		2.70	1.32
		07-Jun-95		7.40		1.30	-1.40
		05-Sep-95		7.45		1.25	-0.05
		18-Dec-95		6.71		1.99	0.74
		19-Aug-97		6.89		1.81	-0.18
		10-Dec-97		5.97		2.73	0.92
5050	LF-13	08-Dec-93	9.75	5.94		3.81	
		28-Jan-94		4.94		4.81	1.00
		15-Feb-94		4.84		4.91	0.10
		24-May-94		4.81		4.94	0.03
		21-Sep-94		6.32		3.43	-1.51
		19-Dec-94		4.67		5.08	1.65
		13-Mar-95		3.22		6.53	1.45
		07-Jun-95		3.32		6.43	-0.10
		05-Sep-95		3.90		5.85	-0.58
		18-Dec-95		4.13		5.62	-0.23
		20-Aug-97		4.00	**	5.75	0.13
		10-Dec-97		3.67	1	6.08	0.33

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	**LF-14**	08-Dec-93	11.72	7.96	3.76	
		28-Jan-94		8.02	3.70	-0.06
		15-Feb-94		7.85	3.87	0.17
		24-May-94		7.68	4.04	0.17
		21-Sep-94		7.69	4.03	-0.01
		19-Dec-94		7.71	4.01	-0.02
		13-Mar-95		6.68	5.04	1.03
		07-Jun-95		6.03	5.69	0.65
		05-Sep-95		6.51	5.21	-0.48
		18-Dec-95		7.39	4.33	-0.88
		19-Aug-97		6.98	4.74	0.41
		10-Dec-97		7.04	4.68	-0.06
5050	**LF-15**	08-Dec-93	11.62	7.91	3.71	
		28-Jan-94		7.74	3.88	0.17
		15-Feb-94		7.58	4.04	0.16
		24-May-94		8.07	3.55	-0.49
		21-Sep-94		8.58	3.04	-0.51
		19-Dec-94		--	--	--
		13-Mar-95		6.32	5.30	
		07-Jun-95		6.44	5.18	-0.12
		05-Sep-95		6.08	5.54	0.36
		18-Dec-95		11.01	0.61	-4.93
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	**LF-16**	08-Dec-93	11.56	8.35	3.21	
		28-Jan-94		8.40	3.16	-0.05
		15-Feb-94		8.21	3.35	0.19
		24-May-94		8.01	3.55	0.20
		21-Sep-94		7.64	3.92	0.37
		19-Dec-94		8.60	2.96	-0.96
		13-Mar-95		6.22	5.34	2.38
		07-Jun-95		6.88	4.68	-0.66
		05-Sep-95		7.37	4.19	-0.49
		18-Dec-95		9.21	2.35	-1.84
		19-Aug-97		8.60	2.96	0.61
		10-Dec-97		8.20	3.36	0.40
5050	**LF-17**	08-Dec-93	9.71	6.72	2.99	
		28-Jan-94		5.86	3.85	0.86
		15-Feb-94		5.87	3.84	-0.01
		24-May-94		6.00	3.71	-0.13
		21-Sep-94		6.88	2.83	-0.88
		19-Dec-94		5.45	4.26	1.43
		13-Mar-95		4.68	5.03	0.77
		07-Jun-95		6.52	3.19	-1.84
		05-Sep-95		7.02	2.69	-0.50
		18-Dec-95		5.11	4.60	1.91
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	**LF-F1**	08-Dec-93	8.82	4.08	4.74	
		28-Jan-94		4.03	4.79	0.05
		15-Feb-94		3.90	4.92	0.13
		24-May-94		3.60	5.22	0.30
		21-Sep-94		4.05	4.77	-0.45
		19-Dec-94		3.45	5.37	0.60
		13-Mar-95		2.22	6.60	1.23
		07-Jun-95		2.28	6.54	-0.06
		05-Sep-95		2.92	5.90	-0.64
		18-Dec-95		3.18	5.64	-0.26
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--
5050	**LFMW-1**	07-Nov-91	10.21	6.29	3.92	
		26-Oct-92		6.38	3.83	-0.09
		04-Mar-92		3.57	6.64	2.81
		14-Apr-93		3.57	6.64	0.00
		24-May-93		4.59	5.62	-1.02
		14-Jun-93		4.86	5.35	-0.27
		30-Jul-93		5.72	4.49	-0.86
		31-Aug-93		6.38	3.83	-0.66
		27-Sep-93		6.85	3.36	-0.47
		25-Oct-93		7.03	3.18	-0.18
		02-Nov-93		7.30	2.91	-0.27
		08-Dec-93		6.51	3.70	0.79
		28-Jan-94		5.00	5.21	1.51
		15-Feb-94		4.46	5.75	0.54
		24-May-94		4.65	5.56	-0.19
		21-Sep-94		6.35	3.86	-1.70
		19-Dec-94		3.70	6.51	2.65
		13-Mar-95		2.71	7.50	0.99
		07-Jun-95		4.02	6.19	-1.31
		05-Sep-95		5.67	4.54	-1.65
		18-Dec-95		4.47	5.74	1.20
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	**LFMW-2**	07-Nov-91	8.86	5.93	2.93	
		26-Oct-92		5.41	3.45	0.52
		04-Mar-92		4.26	4.60	1.15
		14-Apr-93		3.83	5.03	0.43
		24-May-93		3.78	5.08	0.05
		14-Jun-93		3.89	4.97	-0.11
		30-Jul-93		4.10	4.76	-0.21
		31-Aug-93		4.37	4.49	-0.27
		27-Sep-93		4.72	4.14	-0.35
		25-Oct-93		4.81	4.05	-0.09
		02-Nov-93		4.96	3.90	-0.15
		08-Dec-93		5.13	3.73	-0.17
		28-Jan-94		5.18	3.68	-0.05
		15-Feb-94		5.02	3.84	0.16
		24-May-94		4.43	4.43	0.59
		21-Sep-94		5.82	3.04	-1.39
		19-Dec-94		4.75	4.11	1.07
		13-Mar-95		3.28	5.58	1.47
		07-Jun-95		3.12	5.74	0.16
		05-Sep-95		3.90	4.96	-0.78
		18-Dec-95		4.55	4.31	-0.65
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	LFMW-3	07-Nov-91	9.01	6.94	2.07	
		26-Oct-92		7.29	1.72	-0.35
		04-Mar-92		5.07	3.94	2.22
		14-Apr-93		5.21	3.80	-0.14
		24-May-93		5.95	3.06	-0.74
		14-Jun-93		6.23	2.78	-0.28
		27-Sep-93		6.46	2.55	-0.23
		25-Oct-93		6.47	2.54	-0.01
		02-Nov-93		6.62	2.39	-0.15
		08-Dec-93		6.23	2.78	0.39
		28-Jan-94		5.58	3.43	0.65
		15-Feb-94		5.70	3.31	-0.12
		24-May-94		5.59	3.42	0.11
		21-Sep-94		6.46	2.55	-0.87
		19-Dec-94		5.46	3.55	1.00
		13-Mar-95		4.37	4.64	1.09
		07-Jun-95		5.61	3.40	-1.24
		05-Sep-95		6.38	2.63	-0.77
		18-Dec-95		4.91	4.10	1.47
		20-Aug-97		6.06	2.95	-1.15
		10-Dec-97		5.03	3.98	1.03

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)	Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5050	**LFMW-4**	07-Nov-91	10.75	10.26	0.49	
		26-Oct-92		9.04	1.71	1.22
		04-Mar-92		5.77	4.98	3.27
		14-Apr-93		4.71	6.04	1.06
		24-May-93		5.60	5.15	-0.89
		14-Jun-93		5.94	4.81	-0.34
		30-Jul-93		6.72	4.03	-0.78
		31-Aug-93		7.25	3.50	-0.53
		27-Sep-93		7.66	3.09	-0.41
		25-Oct-93		7.79	2.96	-0.13
		02-Nov-93		7.97	2.78	-0.18
		08-Dec-93		7.18	3.57	0.79
		28-Jan-94		5.50	5.25	1.68
		15-Feb-94		5.17	5.58	0.33
		24-May-94		5.46	5.29	-0.29
		21-Sep-94		7.52	3.23	-2.06
		19-Dec-94		4.42	6.33	3.10
		13-Mar-95		3.48	7.27	0.94
		07-Jun-95		4.93	5.82	-1.45
		05-Sep-95		6.34	4.41	-1.41
		18-Dec-95		4.61	6.14	1.73
		19-Aug-97		--	--	--
		10-Dec-97		--	--	--

TABLE 1
Groundwater Level Measurement Data
5050 & 5200 Coliseum Way

Site	Monitoring Well	Measurement Date	Top of Casing Elevation (ft, msl)	Depth to Groundwater (ft)		Groundwater Elevation (ft, msl)	Change from Previous Measurement (ft)
5200	**CW-1**	30-Sep-96	14.11	9.22		4.89	
		19-Aug-97		9.39		4.72	-0.17
		10-Dec-97		8.66	3	5.45	0.73
5200	**CW-2**	30-Sep-96	14.88	9.50		5.38	
		19-Aug-97		9.65		5.23	-0.15
		10-Dec-97		9.30		5.58	0.35
5200	**CW-3**	30-Sep-96	14.07	8.78		5.29	
		19-Aug-97		8.94	3	5.13	-0.16
		10-Dec-97		9.10	*a*	4.97	-0.32
5200	**CW-4**	30-Sep-96	14.76	8.08		6.68	
		19-Aug-97		8.92	2	5.84	-0.84
		10-Dec-97		8.06	4	6.70	0.86
5200	**CW-5**	30-Sep-96	14.36	8.17		6.19	
		19-Aug-97		8.27	2	6.09	-0.10
		10-Dec-97		8.39	2,*a*	5.97	-0.12

Notes:

-- = Not Measured

** approximately 0.10 feet of free product encountered in well casing.

1 = Sheen

2 = Sheen and Petroleum Odor

3 = Sulfur Odor

4 = Sheen and Sulfur Odor

a = Field error in numbering wells, CW-3 and CW-5 reversed

TABLE 2
Petroleum Hydrocarbons Detected in Groundwater
5050 & 5200 Coliseum Way
(Concentrations Reported in Milligrams per Liter [mg/L])

Sample ID	Date Sampled	TEPH	TPH-D	TPH-O	TPH-G	Benzene	Toluene	Ethyl-Benzene	Total Xylenes
	MCL	--	--	--	--	0.005	1	0.7	10
LF-1	04-Nov-91	NA	NA	NA	< 0.05	< 0.005	< 0.005	< 0.005	< 0.01
LF-1	20-Aug-97	0.44	< 0.2	0.4	< 0.05	< 0.0004	0.0003	< 0.0003	0.0005
LF-1	11-Dec-97	0.86	<0. 6	0.5	< 0.05	0.0011	0.0003	< 0.0003	< 0.0004
LF-2	04-Nov-91	NA	0.3	NA	< 0.05	< 0.005	< 0.005	< 0.005	< 0.01
LF-2	20-Aug-97	NA	NA	NA	NA	NA	NA	NA	NA
LF-2	19-Dec-97	1.4	< 0.9	1.0	< 0.05	< 0.0004	0.0005	< 0.0003	0.0007
LF-3	04-Nov-91	NA	0.2	NA	< 0.05	< 0.005	< 0.005	< 0.005	< 0.01
LF-3	25-May-94	NA	0.3	0.4	< 0.05	NA	NA	NA	NA
LF-103 (dup)	25-May-94	NA	0.3	0.4	< 0.05	NA	NA	NA	NA
LF-3	23-Sep-94	NA	1.2	<0.2	< 0.05	NA	NA	NA	NA
LF-103 (dup)	23-Sep-94	NA	1	<0.2	< 0.05	NA	NA	NA	NA
LF-3	20-Dec-94	NA	0.89	0.2	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.002
LF-103 (dup)	20-Dec-94	NA	0.88	0.2	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.002
LF-3	15-Mar-95	NA	0.8	<0.2	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.002
LF-3	07-Sep-95	NA	0.62	0.4	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.002
LF-3	20-Aug-97	1.0	< 0.5	0.8	< 0.05	< 0.0004	< 0.0003	< 0.0003	<0.0004
LF-3	19-Dec-97	1.4	< 0.5	1.2	< 0.05	< 0.0004	< 0.0003	< 0.0003	<0.0004
LF-4	04-Nov-91	NA	NA	NA	0.59	<0.005	<0.005	<0.005	<0.01
LF-5	04-Nov-91	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.01
LF-5	20-Aug-97	0.65	0.3	0.6	< 0.05	< 0.0004	< 0.0003	< 0.0003	<0.0004
LF-5	11-Dec-97	0.43	0.2	0.4	< 0.05	< 0.0004	0.0003	< 0.0003	<0.0004
LF-6	04-Nov-91	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.01
LF-7	04-Nov-91	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.01
LF-8	28-Oct-93	NA	9.8	NA	1	NA	NA	NA	NA
LF-8	24-May-94	NA	4.5	0.6	0.7	NA	NA	NA	NA

TABLE 2
Petroleum Hydrocarbons Detected in Groundwater
5050 & 5200 Coliseum Way
(Concentrations Reported in Milligrams per Liter [mg/L])

Sample ID	Date Sampled	TEPH	TPH-D	TPH-O	TPH-G	Benzene	Toluene	Ethyl-Benzene	Total Xylenes
	MCL	--	--	--	--	0.005	1	0.7	10
LF-8	23-Sep-94	NA	6.7	<0.2	0.4	NA	NA	NA	NA
LF-8	20-Dec-94	NA	5.6	0.4	0.4	0.003	0.0009	0.0065	0.004
LF-8	15-Mar-95	NA	4.1	0.2	0.3	0.002	0.0006	0.003	0.003
LF-8	09-Jun-95	NA	3.8	<0.2	0.3	0.001	0.0006	0.003	0.003
LF-8	07-Sep-95	NA	4.7	0.3	0.4	0.001	0.0006	0.003	0.003
LF-8	18-Dec-95	NA	3.9	0.4	0.3	0.001	0.0006	0.003	0.003
LF-8	20-Aug-97	4.5	< 4.0	< 2.0	0.12	< 0.0004	0.0004	0.0009	0.0036
LF-8	19-Dec-97	4.6	< 4.0	< 3.0	0.22	0.0019	0.0008	0.0022	0.0033
LF-9	01-Nov-91	NA	0.2	NA	<0.1	NA	NA	NA	NA
LF-109 (dup)	01-Nov-91	NA	0.2	NA	<0.1	NA	NA	NA	NA
LF-9	23-Sep-94	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.01
LF-11	28-Oct-93	NA	<0.05	NA	< 0.1	NA	NA	NA	NA
LF-11	19-Dec-97	9.5	<2.0	9.0	<0.05	0.0004	0.0004	<0.0003	< 0.0004
LF-12	19-Dec-97	0.25	<0.1	0.2	<0.05	0.0005	0.0004	<0.0003	<0.0004
LF-13	06-Dec-93	NA	0.5	0.4	0.05	< 0.0005	< 0.0005	< 0.0005	< 0.002
LF-113 (dup)	06-Dec-93	NA	0.6	0.4	0.06	< 0.0005	< 0.0005	< 0.0005	< 0.002
LF-13	20-Aug-97	12.0	< 7.0	7.6	0.06	0.0011	<0.0003	0.0006	0.0005
LF-13	19-Dec-97	5.4	<3.0	4.0	<0.05	<0.0004	<0.0003	<0.0003	<0.0004
LF-14	21-Sep-94	NA	<0.3	<0.2	1.4	NA	NA	NA	NA
LF-14	19-Dec-94	NA	0.65	<0.2	1	0.001	0.002	< 0.0005	0.012
LF-14	15-Mar-95	NA	0.3	<0.2	1.2	0.001	0.0006	< 0.0005	0.015
LF-14	08-Sep-95	NA	<0.05	<0.2	1.4	0.0009	0.0007	< 0.0005	0.002
LF-14	20-Aug-97	1.2	<1.0	0.4	1.6	0.0011	0.0012	<0.0003	0.002
LF-14	19-Dec-97	1.3	<0.9	0.8	1.2	0.001	0.0003	<0.0003	<0.0004
LF-16	20-Aug-97	0.41	<0.3	0.3	<0.05	0.0006	<0.0003	<0.0003	<0.0004
LF-16	19-Dec-97	0.41	<0.2	0.3	<0.05	0.0008	0.0003	<0.0003	<0.0004

TABLE 2
Petroleum Hydrocarbons Detected in Groundwater
5050 & 5200 Coliseum Way
(Concentrations Reported in Milligrams per Liter [mg/L])

Sample ID	Date Sampled	TEPH	TPH-D	TPH-O	TPH-G	Benzene	Toluene	Ethyl-Benzene	Total Xylenes
	MCL	--	--	--	--	0.005	1	0.7	10
LFMW-2	05-Nov-91	NA	<0.05	NA	NA	<0.0003	<0.0003	<0.0003	<0.01
LFMW-3	19-Dec-97	0.66	<0.3	0.5	<0.05	0.0009	0.0008	<0.0003	0.0005
CW-1	19-Aug-97	0.45	<0.3	0.3	<0.05	0.0006	<0.0003	<0.0003	0.0024
CW-1	11-Dec-97	0.55	<0.2	0.4	<0.05	<0.0004	<0.0003	<0.0003	<0.0004
CW-2	19-Aug-97	0.57	<0.4	0.4	<0.05	0.0008	<0.0003	<0.0003	0.0004
CW-2	11-Dec-97	1.1	<0.3	0.8	<0.05	0.0008	<0.0003	<0.0003	<0.0004
CW-3	19-Aug-97	1.1	<1.0	0.3	<0.25	0.0044	0.0021	<0.0015	0.0043
CW-3*	11-Dec-97	1.0	<1.0	<0.2	<0.05	0.0049	<0.0003	<0.0003	<0.0004
CW-4	19-Aug-97	71.0	<70.0	<20.0	10.0	0.14	0.092	0.21	0.51
CW-4	11-Dec-97	50.0	<50.0	<20.0	11.0	0.087	0.066	0.19	0.51
CW-5	19-Aug-97	81.0	<70.0	<30.0	15.0	0.12	0.24	0.16	0.45
CW-5*	11-Dec-97	78.0	<70.0	<30.0	18.0	0.087	0.18	0.14	0.4

Notes:
TEPH = Total Extractable Petroleum Hydrocarbons
TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-O = Total Petroleum Hydrocarbons as Motor Oil
TPH-G = Total Petroleum Hydrocarbons as Gasoline
MCL = Maximum Contaminant Levels for Drinking Water (CCR Title 22, Sections 64431 and 64444)
-- = Not established
"<" analytes not detected at reporting limit
"NA" not analyzed
(dup) = Duplicate Sample Collected by LFR
* = Field error resulted in switched well numbers (CW-3 & CW-5)

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LF-1		4-Nov-91	< 0.2	0.004	0.046	0.11	130	< 0.01	5.7	1.9	0.5	< 0.0003
5050	LF-1		27-Oct-92	< 2	0.007	< 0.05	< 0.2	57	< 1	4.1	1	< 4	< 0.0003
5050	LF-1		5-Mar-93	< 2	0.22	< 0.05	< 0.2	43	< 1	3.6	0.47	< 4	< 0.0003
5050	LF-1	(Dup)	5-Mar-93	< 2	0.26	< 0.05	< 0.2	44	< 1	3.9	0.5	< 4	< 0.0003
5050	LF-1		25-May-93	< 2	0.12	< 0.05	< 0.2	40	< 1	4.7	1	< 0.4	< 0.0003
5050	LF-1	(Dup)	25-May-93	< 0.1	0.36	< 0.05	0.02	9.6	< 0.05	0.81	0.15	0.3	< 0.0003
5050	LF-1		31-Aug-93	< 2	0.072	< 0.05	< 0.2	32	< 1	2.3	< 1	< 4	< 0.0003
5050	LF-1	(Dup)	31-Aug-93	< 2	0.66	< 0.05	< 0.2	13	< 1	1	< 1	< 4	< 0.0003
5050	LF-1		26-Oct-93	< 0.2	0.4	< 0.5	0.02	15	0.6	1.3	0.9	0.4	< 0.0003
5050	LF-101	(Dup)	26-Oct-93	< 0.4	1.3	< 1.0	< 0.04	12	< 0.2	1	0.3	< 0.8	< 0.0003
5050	LF-1		18-Feb-94	< 0.2	0.57	< 0.5	< 0.02	2.6	< 0.1	0.33	< 0.1	0.8	< 0.0002
5050	LF-1		25-May-94	< 3	0.49	< 0.05	< 0.2	7.9	< 1	0.9	< 1	0.79	< 0.0002
5050	LF-1		22-Sep-94	< 0.2	0.77	< 0.05	< 0.02	6.1	< 0.1	0.67	< 0.1	0.91	< 0.0002
5050	LF-1		20-Dec-94	< 0.2	0.65	< 0.5	< 0.02	4.2	< 0.1	0.45	< 0.1	0.6	< 0.0002
5050	LF-1		15-Mar-95	< 0.2	0.39	< 0.1	< 0.02	8.5	< 0.1	0.81	< 0.1	0.41	< 0.0002
5050	LF-1		8-Jun-95	< 2	0.33	< 1	< 0.2	11	< 1	0.9	< 1	1.5	< 0.0002
5050	LF-101	(Dup)	8-Jun-95	< 2	0.41	< 1	< 0.2	23	< 1	1.8	< 1	0.76	< 0.0002
5050	LF-1		7-Sep-95	< 0.2	0.30	< 0.1	0.03	23	< 0.1	2.0	0.5	0.67	< 0.0002
5050	LF-1		19-Dec-95	< 2	0.34	< 1	< 0.3	12	< 1	1.1	< 1	0.26	< 0.0002
5050	LF-1		20-Aug-97	< 0.03	1.4	0.06	< 0.005	2.2	< 0.01	0.15	0.08	< 0.05	< 0.0005
5050	LF-1		11-Dec-97	< 0.03	1.1	0.32	0.005	4.9	< 0.01	0.59	0.06	0.41	< 0.0005

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH [SU]
		MCL		--	0.1	0.05	0.1*	0.002	--	5		
5050	LF-1		4-Nov-91	0.11	20	< 0.004	0.054	< 1	< 0.005	40000	33,000	
5050	LF-1		27-Oct-92	< 1	19	0.027	< 0.5	< 10	< 0.5	16,000		
5050	LF-1		5-Mar-93	< 1	11	< 0.01	< 0.5	< 10	< 0.5	14,000		
5050	LF-1	(Dup)	5-Mar-93	< 1	11	< 0.01	< 0.5	< 10	< 0.5	14,000		
5050	LF-1		25-May-93	< 1	16	< 0.004	< 0.5	< 10	< 0.5	19,000		
5050	LF-1	(Dup)	25-May-93	< 0.05	3.0	< 0.004	< 0.03	< 0.5	< 0.03	4,700		
5050	LF-1		31-Aug-93	< 1	9.0	< 0.004	< 0.5	< 10	< 0.5	13,000		
5050	LF-1	(Dup)	31-Aug-93	< 1	5	< 0.004	< 0.5	< 10	< 0.5	7,200		
5050	LF-1		26-Oct-93	< 0.1	4.9	< 0.04	< 0.5	< 1	< 0.05	7,100		3.94
5050	LF-101	(Dup)	26-Oct-93	< 0.2	3.7	< 0.08	< 0.1	< 2	< 0.1	5,900		3.94
5050	LF-1		18-Feb-94	< 0.1	1.4	< 0.004	< 0.05	< 1	< 0.05	2,600		4.25
5050	LF-1		25-May-94	< 1	3	< 0.004	< 0.05	< 10	< 0.5	5,000		
5050	LF-1		22-Sep-94	< 0.1	2.5	< 0.02	< 0.05	< 1	< 0.05	4,100		
5050	LF-1		20-Dec-94	< 0.1	1.7	< 0.04	< 0.05	< 1	< 0.05	3,700		
5050	LF-1		15-Mar-95	< 0.1	3.4	< 0.004	< 0.05	< 0.5	< 0.05	4,700		
5050	LF-1		8-Jun-95	< 1	4	< 0.02	< 0.5	< 5	< 0.5	6,500		
5050	LF-101	(Dup)	8-Jun-95	< 1	7	< 0.02	< 0.5	< 5	< 0.5	10,000		
5050	LF-1		7-Sep-95	< 0.1	7.3	< 0.1	< 0.05	0.6	< 0.05	10,000		
5050	LF-1		19-Dec-95	< 1	4	0.036	< 0.5	< 5	< 0.5	6,200		3.96
5050	LF-1		20-Aug-97	< 0.01	0.49	< 0.05	< 0.01	< 0.05	< 0.01	1,100		4.16
5050	LF-1		11-Dec-97	< 0.01	1.6	< 0.05	< 0.01	< 0.05	0.04	3,700		4.23

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LF-2		4-Nov-91	< 0.02	0.028	0.026	< 0.001	0.009	< 0.01	0.18	0.008	< 0.005	< 0.0003
5050	LF-2		27-Oct-92	< 0.02	0.007	< 0.05	< 0.002	0.006	< 0.01	0.12	0.02	< 0.04	< 0.0003
5050	LF-2		4-Mar-93	< 0.02	0.003	< 0.05	< 0.002	< 0.005	< 0.01	0.1	< 0.01	< 0.04	< 0.0003
5050	LF-2		24-May-93	< 0.02	0.005	< 0.05	< 0.002	< 0.005	< 0.01	0.061	< 0.01	< 0.04	< 0.0003
5050	LF-2		31-Aug-93	< 0.02	5	< 0.05	0.003	0.021	< 0.01	0.016	< 0.01	< 0.04	< 0.0003
5050	LF-2		25-Oct-93	< 0.02	0.004	< 0.05	< 0.002	0.009	< 0.01	0.055	0.02	< 0.04	< 0.0003
5050	LF-2		16-Feb-94	< 0.02	< 0.002	< 0.05	< 0.002	< 0.005	< 0.1	< 0.005	< 0.01	< 0.04	< 0.0002
5050	LF-2		24-May-94	< 0.005	< 0.002	0.02	< 0.0005	< 0.001	< 0.002	0.037	0.003	< 0.003	< 0.0002
5050	LF-2		22-Sep-94	0.007	< 0.002	0.02	< 0.0005	< 0.001	< 0.002	0.038	0.006	< 0.005	< 0.0002
5050	LF-2		20-Dec-94	< 0.005	< 0.002	0.02	< 0.0005	< 0.001	< 0.002	0.04	0.006	< 0.002	< 0.0002
5050	LF-2		15-Mar-95	< 0.004	< 0.002	0.017	< 0.0005	< 0.001	< 0.002	0.033	0.004	< 0.002	< 0.0002
5050	LF-102	(Dup)	16-Mar-95	< 0.004	< 0.002	0.017	< 0.0005	< 0.001	< 0.002	0.036	0.005	< 0.002	< 0.0002
5050	LF-2		7-Jun-95	< 0.004	< 0.002	0.017	< 0.0005	< 0.001	< 0.002	0.037	0.006	< 0.002	< 0.0002
5050	LF-2		7-Sep-95	< 0.004	< 0.002	0.019	< 0.0005	0.001	< 0.002	0.04	0.004	< 0.002	< 0.0002
5050	LF-122	(Dup)	7-Sep-95	< 0.004	< 0.002	0.020	< 0.0005	< 0.001	< 0.002	0.042	0.005	< 0.002	< 0.0002
5050	LF-2		19-Dec-95	< 0.004	< 0.002	0.020	< 0.0005	< 0.001	< 0.002	0.043	0.002	< 0.002	< 0.0002
5050	LF-2		20-Aug-97	< 0.03	< 0.05	0.03	< 0.005	0.007	< 0.01	0.04	0.02	< 0.05	< 0.0005
5050	LF-2		19-Dec-97	< 0.03	< 0.05	0.02	< 0.005	< 0.005	0.08	0.04	< 0.01	< 0.05	< 0.0005

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
		MCL		--	0.1	0.05	0.1*	0.002	--	5		
5050	LF-2		4-Nov-91	< 0.01	0.52	< 0.004	< 0.002	< 0.1	< 0.005	4.2	3,700	
5050	LF-2		27-Oct-92	< 0.01	0.22	0.005	0.006	< 0.1	< 0.005	3.3		
5050	LF-2		4-Mar-93	< 0.01	0.12	< 0.004	< 0.005	< 0.1	< 0.005	1.9		
5050	LF-2		24-May-93	< 0.01	0.08	< 0.004	< 0.005	< 0.1	< 0.005	1.4		
5050	LF-2		31-Aug-93	0.14	< 0.01	< 0.004	< 0.005	< 0.1	< 0.005	8.6		
5050	LF-2		25-Oct-93	< 0.01	0.11	< 0.004	< 0.005	< 0.1	< 0.005	1.9		6.21
5050	LF-2		16-Feb-94	< 0.01	0.04	< 0.004	< 0.005	< 0.1	< 0.005	0.41		6.35
5050	LF-2		24-May-94	< 0.002	0.024	< 0.004	< 0.001	< 0.02	< 0.001	0.3		
5050	LF-2		22-Sep-94	< 0.002	0.038	< 0.004	< 0.001	< 0.02	0.001	0.59		
5050	LF-2		20-Dec-94	< 0.002	0.03	< 0.004	0.001	< 0.02	< 0.001	0.39		
5050	LF-2		15-Mar-95	< 0.002	0.031	< 0.004	< 0.001	< 0.01	0.002	0.49		
5050	LF-102	(Dup)	16-Mar-95	< 0.002	0.024	< 0.004	< 0.001	< 0.01	0.001	0.37		
5050	LF-2		7-Jun-95	< 0.002	0.04	< 0.004	< 0.001	< 0.01	0.002	0.62		
5050	LF-2		7-Sep-95	< 0.002	0.032	< 0.004	< 0.001	< 0.01	< 0.001	0.50		
5050	LF-122	(Dup)	7-Sep-95	< 0.002	0.027	< 0.004	< 0.001	< 0.01	< 0.001	0.50		
5050	LF-2		19-Dec-95	< 0.002	0.045	< 0.004	< 0.001	< 0.01	0.001	0.74		6.21
5050	LF-2		20-Aug-97	< 0.01	0.04	< 0.05	< 0.01	< 0.05	< 0.01	3.8		6.47
5050	LF-2		19-Dec-97	< 0.01	0.05	< 0.05	< 0.01	< 0.05	< 0.01	0.43		6.10

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LF-3		4-Nov-91	< 0.02	3.1	0.077	0.001	< 0.005	< 0.01	0.016	< 0.004	< 0.005	< 0.0003
5050	LF-3		27-Oct-92	< 0.02	3.6	0.11	0.004	0.013	< 0.01	0.029	< 0.01	< 0.04	< 0.0003
5050	LF-3		4-Mar-93	< 0.02	4.9	0.07	0.003	0.012	< 0.01	0.023	< 0.01	< 0.04	< 0.0003
5050	LF-3		25-May-93	< 0.02	3.4	0.11	< 0.002	0.04	< 0.01	0.01	< 0.01	< 0.04	< 0.0003
5050	LF-3		31-Aug-93	< 0.02	4.9	< 0.05	0.003	0.023	< 0.01	0.019	< 0.01	< 0.04	< 0.0003
5050	LF-3		25-Oct-93	< 0.02	7.3	0.08	< 0.002	0.005	< 0.01	0.013	< 0.01	< 0.04	< 0.0003
5050	LF-3		16-Feb-94	< 0.02	3.4	0.1	< 0.002	< 0.005	< 0.01	0.012	< 0.01	< 0.04	< 0.0002
5050	LF-3		25-May-94	< 0.005	2.4	0.08	0.0009	< 0.001	0.002	0.009	< 0.002	< 0.003	< 0.0002
5050	LF-103	(Dup)	25-May-94	< 0.005	2.8	0.08	0.0013	< 0.001	< 0.002	0.011	< 0.002	< 0.003	< 0.0002
5050	LF-3		23-Sep-94	< 0.005	2.2	0.05	0.0014	< 0.001	0.002	0.011	< 0.002	< 0.005	< 0.0002
5050	LF-103	(Dup)	23-Sep-94	< 0.005	2.3	0.06	0.001	< 0.001	0.004	0.009	0.007	< 0.005	< 0.0002
5050	LF-3		20-Dec-94	< 0.005	3.6	0.09	0.0013	< 0.001	0.005	0.012	0.026	< 0.002	< 0.0002
5050	LF-103	(Dup)	20-Dec-94	< 0.005	4.5	0.04	0.0017	< 0.001	0.003	0.014	0.003	< 0.002	< 0.0002
5050	LF-3		15-Mar-95	< 0.004	2.8	0.15	0.001	< 0.001	0.004	0.008	0.003	< 0.002	< 0.0002
5050	LF-3		7-Jun-95	< 0.004	5.6	0.057	0.0018	< 0.001	0.003	0.014	0.003	< 0.002	< 0.0002
5050	LF-3		7-Sep-95	< 0.004	3.0	0.13	0.0017	< 0.001	0.004	0.011	< 0.002	< 0.002	< 0.0002
5050	LF-3		18-Dec-95	< 0.004	4.2	0.06	0.002	0.015	0.004	0.013	< 0.002	< 0.005	< 0.0002
5050	LF-103	(Dup)	18-Dec-95	< 0.004	4.2	0.12	0.001	0.011	0.005	0.009	< 0.002	< 0.005	< 0.0002
5050	LF-3		20-Aug-97	< 0.03	3.3	0.14	< 0.005	< 0.005	< 0.01	0.02	< 0.01	< 0.05	< 0.0005
5050	LF-3		19-Dec-97	< 0.03	3.2	0.06	< 0.005	< 0.005	0.10	0.02	< 0.01	< 0.05	< 0.0005
5050	LF-4		4-Nov-91	0.03	0.026	0.082	< 0.001	< 0.005	< 0.01	< 0.005	< 0.004	< 0.005	< 0.0003
5050	LF-4		27-Oct-92	< 0.02	0.034	< 0.05	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-4		4-Mar-93	0.02	0.017	0.11	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-4		24-May-93	< 0.02	0.013	0.22	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-4		31-Aug-93	< 0.02	0.052	0.08	< 0.002	< 0.005	< 0.01	0.006	< 0.01	< 0.04	< 0.0003
5050	LF-4		25-Oct-93	< 0.02	0.014	0.12	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-4		16-Feb-94	< 0.02	0.008	0.29	< 0.002	< 0.005	< 0.01	0.006	< 0.01	< 0.04	< 0.0002
5050	LF-4		22-Sep-94	0.007	0.005	0.19	< 0.0005	0.001	< 0.002	0.003	0.003	< 0.005	< 0.0002
5050	LF-4		15-Mar-95	< 0.004	0.008	0.34	< 0.0005	0.001	< 0.002	0.005	< 0.002	< 0.002	< 0.0002
5050	LF-4		7-Sep-95	< 0.004	0.012	0.15	< 0.0005	0.001	< 0.002	0.004	< 0.002	< 0.002	< 0.0002

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
		MCL		--	0.1	0.05	0.1[+]	0.002	--	5		
5050	LF-3		4-Nov-91	0.16	0.012	< 0.004	< 0.002	< 0.1	0.006	3.1	3,100	
5050	LF-3		27-Oct-92	0.22	0.02	0.018	< 0.005	< 0.1	< 0.005	12		
5050	LF-3		4-Mar-93	0.18	0.04	< 0.02	< 0.005	< 0.1	< 0.005	15		
5050	LF-3		25-May-93	0.13	0.01	< 0.004	< 0.005	< 0.1	< 0.005	5.8		
5050	LF-3		31-Aug-93	0.15	0.01	< 0.004	< 0.005	< 0.1	< 0.005	8.6		
5050	LF-3		25-Oct-93	0.13	0.02	< 0.02	< 0.005	< 0.1	< 0.005	6.2		6.45
5050	LF-3		16-Feb-94	0.11	0.01	< 0.01	< 0.005	< 0.1	< 0.005	5		6.58
5050	LF-3		25-May-94	0.091	0.006	< 0.02	< 0.001	< 0.02	< 0.001	4.1		
5050	LF-103	(Dup)	25-May-94	0.11	0.008	< 0.02	0.001	< 0.02	< 0.001	5.2		
5050	LF-3		23-Sep-94	0.11	0.008	< 0.2	< 0.001	< 0.02	0.004	5.5		
5050	LF-103	(Dup)	23-Sep-94	0.095	0.007	< 0.2	< 0.001	< 0.02	0.003	4.1		
5050	LF-3		20-Dec-94	0.11	0.011	< 0.04	< 0.001	< 0.02	0.012	6.2		
5050	LF-103	(Dup)	20-Dec-94	0.13	0.011	< 0.04	< 0.001	0.02	0.01	8.5		
5050	LF-3		15-Mar-95	0.086	0.007	< 0.04	< 0.001	< 0.01	0.011	4.3		
5050	LF-3		7-Jun-95	0.13	0.012	< 0.04	< 0.001	< 0.01	0.013	9.9		
5050	LF-3		7-Sep-95	0.12	0.008	< 0.2	< 0.001	0.02	0.013	5.4		
5050	LF-3		18-Dec-95	0.13	0.012	0.019	< 0.001	< 0.01	0.01	8.4		
5050	LF-103	(Dup)	18-Dec-95	0.098	0.01	< 0.02	< 0.001	< 0.01	0.011	5.1		6.55
5050	LF-3		20-Aug-97	0.11	< 0.02	< 0.05	< 0.01	< 0.05	< 0.01	6.1		6.43
5050	LF-3		19-Dec-97	0.11	0.05	< 0.05	< 0.01	< 0.05	< 0.01	7.3		6.21
5050	LF-4		4-Nov-91	< 0.01	0.013	< 0.004	< 0.002	< 0.1	0.01	0.034	2,600	
5050	LF-4		27-Oct-92	< 0.01	0.03	< 0.004	< 0.005	< 0.1	< 0.005	0.012		
5050	LF-4		4-Mar-93	< 0.01	0.05	< 0.004	< 0.005	< 0.1	0.008	0.04		
5050	LF-4		24-May-93	< 0.01	0.03	< 0.004	< 0.005	< 0.1	< 0.005	0.035		
5050	LF-4		31-Aug-93	< 0.01	0.04	< 0.004	< 0.005	< 0.1	0.009	0.038		
5050	LF-4		25-Oct-93	< 0.01	0.04	< 0.004	< 0.005	< 0.1	0.015	0.068		6.79
5050	LF-4		16-Feb-94	< 0.01	0.04	< 0.004	< 0.005	< 0.1	< 0.005	0.05		6.84
5050	LF-4		22-Sep-94	< 0.002	0.037	< 0.004	< 0.001	< 0.02	0.007	0.067		
5050	LF-4		15-Mar-95	< 0.002	0.037	< 0.004	< 0.001	< 0.01	0.002	0.064		
5050	LF-4		7-Sep-95	< 0.002	0.048	< 0.004	< 0.001	< 0.01	0.002	0.24		

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well	Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
	MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LF-5	4-Nov-91	< 0.02	< 0.002	0.018	< 0.001	0.049	< 0.01	0.03	< 0.005	< 0.005	0.0004
5050	LF-5	27-Oct-92	< 0.02	0.005	< 0.05	< 0.002	0.24	< 0.01	1.4	< 0.01	< 0.04	< 0.0003
5050	LF-5	4-Mar-93	< 0.02	< 0.005	< 0.05	< 0.002	0.21	< 0.01	1.1	< 0.01	< 0.04	< 0.0003
5050	LF-5	25-May-93	< 0.02	< 0.002	< 0.05	< 0.002	0.17	< 0.01	0.84	< 0.01	< 0.04	< 0.0003
5050	LF-5	31-Aug-93	< 0.02	0.02	< 0.05	< 0.002	0.25	< 0.01	1.3	< 0.01	< 0.04	< 0.0003
5050	LF-5	26-Oct-93	< 0.02	0.052	< 0.05	< 0.002	0.28	< 0.01	1.4	0.01	0.07	< 0.0003
5050	LF-5	16-Feb-94	< 0.02	< 0.02	< 0.05	< 0.002	0.16	< 0.01	0.95	< 0.01	< 0.04	< 0.0002
5050	LF-5	24-May-94	< 0.005	< 0.005	0.01	< 0.0005	0.14	< 0.002	0.71	< 0.002	< 0.01	< 0.0002
5050	LF-5	21-Sep-94	< 0.005	< 0.01	0.01	< 0.0005	0.17	0.003	0.81	0.003	< 0.01	< 0.0002
5050	LF-5	19-Dec-94	< 0.005	< 0.01	0.01	< 0.0005	0.25	0.003	1.2	0.004	< 0.008	< 0.0002
5050	LF-5	14-Mar-95	< 0.004	< 0.02	0.013	< 0.0005	0.11	0.004	0.61	0.003	< 0.01	< 0.0002
5050	LF-5	7-Jun-95	< 0.004	< 0.01	0.015	< 0.0005	0.31	0.006	1.5	0.005	< 0.02	< 0.0002
5050	LF-5	7-Sep-95	< 0.004	< 0.005	0.014	< 0.0005	0.31	0.006	1.5	0.005	< 0.01	< 0.0002
5050	LF-5	18-Dec-95	< 0.004	< 0.005	0.017	< 0.0005	0.2	0.004	0.99	0.002	< 0.005	< 0.0002
5050	LF-5	20-Aug-97	< 0.03	0.06	0.02	< 0.005	0.26	0.01	1.3	< 0.01	< 0.05	< 0.0005
5050	LF-5	11-Dec-97	< 0.03	0.06	0.21	< 0.005	0.24	< 0.01	1.1	< 0.01	< 0.05	< 0.0005
5050	LF-6	5-Nov-91	< 0.02	0.008	0.019	< 0.001	0.079	< 0.01	0.58	< 0.005	0.009	0.0009
5050	LF-6	27-Oct-92	< 0.02	0.022	< 0.05	< 0.002	0.17	< 0.01	1.6	< 0.01	< 0.04	< 0.0003
5050	LF-6	4-Mar-93	< 0.02	0.007	< 0.05	0.003	0.13	< 0.01	1.2	< 0.01	< 0.04	< 0.0003
5050	LF-6	24-May-93	< 0.02	< 0.002	< 0.05	< 0.002	0.13	< 0.01	0.97	0.01	< 0.04	< 0.0003
5050	LF-6	31-Aug-93	< 0.02	0.014	< 0.05	0.003	0.13	< 0.01	1	0.01	< 0.04	< 0.0003
5050	LF-6	26-Oct-93	< 0.02	< 0.002	< 0.05	0.003	0.15	< 0.01	1	0.02	< 0.04	< 0.0003
5050	LF-6	16-Feb-94	< 0.02	0.016	< 0.05	0.003	0.11	< 0.01	0.97	< 0.01	< 0.04	< 0.0002
5050	LF-6	21-Set-94	< 0.005	< 0.002	0.01	0.0023	0.099	< 0.002	0.84	0.011	< 0.005	< 0.0002
5050	LF-6	16-Mar-95	< 0.004	< 0.002	0.01	0.0023	0.091	0.002	0.74	0.01	< 0.005	< 0.0002
5050	LF-6	6-Sep-95	< 0.004	< 0.002	0.011	0.0022	0.094	0.004	0.79	0.009	< 0.005	< 0.0002

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well	Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
	MCL		--	0.1	0.05	0.1[+]	0.002	--	5		
5050	LF-5	4-Nov-91	< 0.01	0.23	< 0.004	0.004	< 0.1	< 0.005	11	9,100	
5050	LF-5	27-Oct-92	< 0.01	5.4	0.017	0.022	< 0.1	< 0.005	35		
5050	LF-5	4-Mar-93	< 0.01	5	< 0.01	0.021	< 0.1	< 0.005	36		
5050	LF-5	25-May-93	< 0.01	3.2	< 0.004	0.01	0.2	< 0.005	23		
5050	LF-5	31-Aug-93	< 0.01	4.6	< 0.02	0.013	0.2	< 0.005	38		
5050	LF-5	26-Oct-93	< 0.01	5.3	< 0.04	0.011	0.3	0.01	51		6.07
5050	LF-5	16-Feb-94	< 0.01	3.3	< 0.04	0.009	0.1	< 0.005	28		6.20
5050	LF-5	24-May-94	< 0.002	2.4	< 0.01	0.008	0.09	0.002	23		
5050	LF-5	21-Sep-94	< 0.002	2.5	< 0.02	0.006	0.03	< 0.001	25		
5050	LF-5	19-Dec-94	< 0.002	3.8	0.02	0.007	0.08	< 0.001	58		
5050	LF-5	14-Mar-95	< 0.002	2.6	< 0.04	0.004	0.06	0.003	25		
5050	LF-5	7-Jun-95	< 0.002	5	< 0.02	0.006	0.05	0.001	76		
5050	LF-5	7-Sep-95	< 0.002	4.8	< 0.004	0.004	0.04	< 0.001	38		
5050	LF-5	18-Dec-95	< 0.002	3.1	< 0.01	0.003	0.12	0.003	47		6.35
5050	LF-5	20-Aug-97	< 0.01	4.0	< 0.05	< 0.01	< 0.05	< 0.01	52.		5.79
5050	LF-5	11-Dec-97	< 0.01	3.2	< 0.05	< 0.01	< 0.05	< 0.01	44.		6.23
5050	LF-6	5-Nov-91	< 0.01	2.1	< 0.004	0.011	< 0.1	< 0.005	8.1	6,900	
5050	LF-6	27-Oct-92	< 0.01	5.5	0.012	0.02	< 0.1	< 0.005	23		
5050	LF-6	4-Mar-93	< 0.01	4.2	< 0.004	0.013	< 0.1	< 0.005	17		
5050	LF-6	24-May-93	< 0.01	3.4	< 0.004	0.008	0.1	< 0.005	13		
5050	LF-6	31-Aug-93	< 0.01	3.7	< 0.004	0.009	0.1	< 0.005	14		
5050	LF-6	26-Oct-93	< 0.01	3.7	< 0.004	0.005	0.1	< 0.005	17		4.74
5050	LF-6	16-Feb-94	< 0.01	3.4	< 0.004	0.007	0.1	< 0.005	13		4.54
5050	LF-6	21-Set-94	< 0.002	2.8	< 0.004	0.004	0.02	< 0.001	11		
5050	LF-6	16-Mar-95	< 0.002	2.6	< 0.004	0.003	0.06	0.001	10		
5050	LF-6	6-Sep-95	< 0.002	2.8	< 0.004	0.002	0.07	< 0.001	10		

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LF-7		5-Nov-91	< 0.02	0.004	0.13	< 0.001	< 0.005	< 0.01	< 0.005	0.006	< 0.005	0.0011
5050	LF-7		27-Oct-92	< 0.02	0.03	0.11	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-7		4-Mar-93	< 0.02	0.025	0.08	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-7		24-May-93	< 0.02	0.003	0.08	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-7		31-Aug-93	< 0.02	0.013	0.08	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-7		25-Oct-93	< 0.02	< 0.002	0.09	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LF-7		16-Feb-94	< 0.02	0.014	0.12	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0002
5050	LF-7		21-Sep-94	0.005	< 0.002	0.1	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.005	< 0.0002
5050	LF-7		15-Mar-95	< 0.004	0.004	0.24	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.005	< 0.0002
5050	LF-7		6-Sep-95	< 0.004	0.017	0.18	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.005	< 0.0002
5050	LF-8		27-Oct-93	< 0.02	2.6	0.16	< 0.002	< 0.005	< 0.01	0.005	< 0.01	< 0.04	< 0.0003
5050	LF-8		16-Feb-94	< 0.02	2.3	0.33	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0002
5050	LF-8		24-May-94	< 0.005	2.5	0.2	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.003	< 0.0002
5050	LF-8		23-Sep-94	0.005	3.4	0.32	< 0.0005	0.002	< 0.002	< 0.001	< 0.002	< 0.005	< 0.0002
5050	LF-8		20-Dec-94	< 0.005	2	0.39	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.002	< 0.0002
5050	LF-8		15-Mar-95	< 0.004	2	0.072	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.002	< 0.0002
5050	LF-8		9-Jun-95	< 0.004	3.2	0.093	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.002	< 0.0002
5050	LF-8		7-Sep-95	< 0.004	2.4	0.092	< 0.0005	< 0.001	< 0.002	0.001	< 0.002	< 0.002	< 0.0002
5050	LF-8		18-Dec-95	< 0.004	3.4	0.17	< 0.0005	0.007	< 0.002	< 0.001	< 0.002	< 0.005	< 0.0002
5050	LF-8		20-Aug-97	< 0.03	2.1	0.05	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5050	LF-8		19-Dec-97	< 0.03	1.5	0.06	< 0.005	< 0.005	0.04	< 0.01	< 0.01	< 0.05	< 0.0005
5050	LF-9		1-Nov-93	< 0.02	0.009	< 0.05	< 0.002	0.041	< 0.01	0.56	0.02	< 0.04	< 0.0003
5050	LF-109	(Dup)	1-Nov-93	< 0.02	0.015	< 0.05	< 0.002	0.034	< 0.01	0.46	< 0.01	< 0.04	< 0.0003
5050	LF-9		17-Feb-94	< 0.02	0.064	< 0.05	< 0.002	0.12	< 0.01	0.016	< 0.01	< 0.04	< 0.0002
5050	LF-9		21-Sep-94	0.006	0.18	0.02	< 0.0005	0.008	< 0.002	0.023	< 0.002	< 0.005	< 0.0002
5050	LF-9		13-Mar-95	< 0.004	0.15	0.021	< 0.0005	0.01	< 0.002	0.028	0.004	< 0.005	< 0.0002
5050	LF-9		8-Sep-95	< 0.004	0.19	0.014	< 0.0005	0.020	< 0.002	0.026	< 0.002	< 0.005	< 0.0002

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
		MCL		--	0.1	0.05	0.1*	0.002	--	5		
5050	LF-7		5-Nov-91	< 0.01	0.01	< 0.004	< 0.002	< 0.1	0.006	< 0.005	1,200	
5050	LF-7		27-Oct-92	0.01	0.01	< 0.004	< 0.005	< 0.1	0.008	0.021		
5050	LF-7		4-Mar-93	0.01	0.01	< 0.01	< 0.005	< 0.1	0.009	0.01		
5050	LF-7		24-May-93	< 0.01	< 0.01	< 0.004	< 0.005	< 0.1	0.006	0.007		
5050	LF-7		31-Aug-93	< 0.01	< 0.01	< 0.004	< 0.005	< 0.1	0.006	0.021		
5050	LF-7		25-Oct-93	< 0.01	< 0.01	< 0.004	< 0.005	< 0.1	0.006	0.011		7.07
5050	LF-7		16-Feb-94	< 0.01	0.02	< 0.004	< 0.005	< 0.1	0.005	0.01		7.12
5050	LF-7		21-Sep-94	0.006	0.01	< 0.004	< 0.001	< 0.02	0.006	0.012		
5050	LF-7		15-Mar-95	0.005	0.011	< 0.004	< 0.001	< 0.01	0.006	0.053		
5050	LF-7		6-Sep-95	0.006	0.012	< 0.004	< 0.001	< 0.01	0.007	0.001		
5050	LF-8		27-Oct-93	< 0.01	0.01	< 0.004	< 0.005	< 0.1	< 0.005	0.022	2,100	6.90
5050	LF-8		16-Feb-94	< 0.01	< 0.01	< 0.004	< 0.005	< 0.1	< 0.005	< 0.01		7.43
5050	LF-8		24-May-94	0.004	< 0.003	< 0.02	< 0.001	< 0.02	0.004	0.015		
5050	LF-8		23-Sep-94	< 0.002	0.003	< 0.004	< 0.001	< 0.02	0.005	0.024		
5050	LF-8		20-Dec-94	< 0.002	0.004	< 0.04	< 0.001	< 0.02	0.004	0.015		
5050	LF-8		15-Mar-95	0.002	0.003	< 0.04	< 0.001	< 0.01	0.002	0.017		
5050	LF-8		9-Jun-95	< 0.002	0.003	< 0.04	< 0.001	< 0.01	0.003	0.052		
5050	LF-8		7-Sep-95	< 0.002	< 0.002	< 0.2	< 0.001	< 0.01	0.003	0.02		
5050	LF-8		18-Dec-95	< 0.002	< 0.002	< 0.02	< 0.001	< 0.01	0.002	0.013		7.24
5050	LF-8		20-Aug-97	< 0.01	< 0.02	< 0.05	< 0.01	< 0.05	< 0.01	0.24		6.96
5050	LF-8		19-Dec-97	< 0.01	0.03	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01		7.19
5050	LF-9		1-Nov-93	< 0.01	0.86	< 0.02	< 0.005	< 0.1	< 0.005	14	5,500	6.03
5050	LF-109	(Dup)	1-Nov-93	< 0.01	0.71	< 0.02	< 0.005	< 0.1	< 0.005	14		6.03
5050	LF-9		17-Feb-94	< 0.01	0.1	< 0.004	< 0.005	< 0.1	< 0.005	31		6.33
5050	LF-9		21-Sep-94	0.004	0.072	< 0.01	< 0.001	< 0.02	0.002	20		
5050	LF-9		13-Mar-95	0.003	0.085	< 0.004	< 0.001	< 0.01	0.003	26		
5050	LF-9		8-Sep-95	0.005	0.087	< 0.02	< 0.001	< 0.01	0.003	25		

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LF-10		28-Oct-93	< 0.02	0.04	0.77	< 0.002	0.02	0.07	0.019	0.04	< 0.04	< 0.0003
5050	LF-10		16-Feb-94	< 0.02	< 0.005	< 0.05	< 0.002	0.005	< 0.01	0.018	< 0.01	< 0.04	< 0.0002
5050	LF-10		22-Sep-94	< 0.005	< 0.005	0.02	< 0.0005	0.002	< 0.002	0.008	0.005	< 0.01	< 0.0002
5050	LF-10		15-Mar-95	0.004	< 0.02	0.018	< 0.0005	0.001	< 0.002	0.018	0.006	< 0.01	< 0.0002
5050	LF-10		7-Sep-95	< 0.004	< 0.005	0.016	< 0.0005	0.002	< 0.002	0.007	0.007	< 0.01	< 0.0002
5050	LF-11		28-Oct-93	< 0.02	0.07	0.1	< 0.002	120	< 0.01	5.9	3	6	< 0.0003
5050	LF-11		18-Feb-94	< 2	< 0.02	< 5	< 0.2	140	< 1	8.4	4	< 4	< 0.0002
5050	LF-111	(Dup)	18-Feb-94	< 2	< 0.2	< 5	< 0.2	140	< 1	9.4	4	< 4	< 0.0002
5050	LF-11		23-Sep-94	< 2	< 0.2	< 0.01	0.2	130	< 1	7.1	5	0.41	< 0.0002
5050	LF-11		15-Mar-95	< 2	< 0.01	< 1	< 0.2	91	< 1	4.9	3	0.08	< 0.0002
5050	LF-11		8-Jun-95	< 20	< 0.02	< 1	< 3	99	< 10	< 5	< 10	0.09	< 0.0002
5050	LF-11		7-Sep-95	< 2	< 0.01	< 1	< 0.2	120	< 1	6.5	5	0.04	< 0.0002
5050	LF-11		18-Dec-95	< 20	0.31	< 1	< 3	110	< 10	6.0	< 10	0.021	< 0.0002
5050	LF-11		20-Aug-97	< 0.03	0.19	0.02	0.060	75.	0.04	3.9	3.3	< 0.05	< 0.0005
5050	LF-11		19-Dec-97	< 0.03	0.16	< 0.01	0.062	72.	< 0.01	3.6	3.2	< 0.05	< 0.0005
5050	LF-12		1-Nov-93	< 0.2	0.022	< 0.5	< 0.02	3.7	< 0.1	2.7	0.9	< 0.4	< 0.0003
5050	LF-12		17-Feb-94	< 0.2	0.004	< 0.5	< 0.02	2.9	< 0.1	1.9	0.7	< 0.4	< 0.0002
5050	LF-12		24-May-94	< 0.3	0.008	< 0.05	< 0.02	3.6	< 0.1	2.4	1.0	0.049	< 0.0002
5050	LF-12		22-Sep-94	< 0.2	< 0.005	< 0.05	0.02	3.4	< 0.1	2.2	1.1	0.02	< 0.0002
5050	LF-12		19-Dec-94	< 0.2	< 0.005	< 0.5	0.02	3.5	< 0.1	2.3	1.1	0.01	< 0.0002
5050	LF-12		15-Mar-95	< 0.2	< 0.002	< 0.1	0.02	3	< 0.1	2	1	< 0.005	< 0.0002
5050	LF-12		7-Jun-95	< 0.2	< 0.005	< 0.1	0.03	3.3	< 0.1	2.1	1.2	< 0.005	< 0.0002
5050	LF-12		6-Sep-95	< 0.2	< 0.005	< 0.1	0.02	3.2	< 0.1	2.2	1.3	0.01	< 0.0002
5050	LF-12		18-Dec-95	< 0.2	< 0.002	< 0.1	< 0.03	3.8	< 0.1	2.1	1.1	< 0.005	< 0.0002
5050	LF-12		20-Aug-97	< 0.03	0.05	0.03	0.015	2.4	< 0.01	1.6	1.3	< 0.05	< 0.0005
5050	LF-12		19-Dec-97	< 0.03	< 0.05	< 0.01	0.014	2.4	< 0.01	1.6	1.5	< 0.05	< 0.0005
5050	LF-13		6-Dec-93	< 0.02	3.3	0.24	< 0.002	< 0.005	< 0.01	0.007	< 0.01	< 0.04	< 0.0003
5050	LF-13		20-Aug-97	< 0.03	3.2	12.	< 0.005	< 0.005	< 0.01	0.01	< 0.01	< 0.05	< 0.0005
5050	LF-13		19-Dec-97	< 0.03	0.77	70.	< 0.005	< 0.005	0.03	0.06	< 0.01	< 0.05	< 0.0005

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
		MCL		--	0.1	0.05	0.1[+]	0.002	--	5		
5050	LF-10		28-Oct-93	< 0.01	0.17	< 0.04	< 0.005	< 0.1	0.048	2	13,000	6.99
5050	LF-10		16-Feb-94	< 0.01	0.12	< 0.01	< 0.005	< 0.1	0.008	0.21		6.73
5050	LF-10		22-Sep-94	< 0.002	0.083	< 0.01	0.001	< 0.02	0.006	0.075		
5050	LF-10		15-Mar-95	< 0.002	0.13	< 0.04	< 0.001	0.02	0.004	0.13		
5050	LF-10		7-Sep-95	< 0.002	0.083	< 0.01	< 0.001	< 0.01	0.005	0.29		
5050	LF-11		28-Oct-93	< 0.01	28	< 0.04	< 0.005	< 0.1	2.0	**47,000**	170,000	**4.72**
5050	LF-11		18-Feb-94	< 1	37	< 0.02	< 0.5	< 10	< 0.5	**44,000**		**4.14**
5050	LF-111	(Dup)	18-Feb-94	< 1	40	< 0.02	< 0.5	< 10	< 0.5	**46,000**		**4.14**
5050	LF-11		23-Sep-94	< 1	32	< 0.04	0.5	< 10	< 0.5	**33,000**		
5050	LF-11		15-Mar-95	< 1	22	< 0.02	< 0.5	< 5	< 0.5	**37,000**		
5050	LF-11		8-Jun-95	< 10	21	< 0.04	< 5	< 50	< 5	**37,000**		
5050	LF-11		7-Sep-95	< 1	26	< 0.02	< 0.5	< 5	< 0.5	**37,000**		
5050	LF-11		18-Dec-95	< 10	25	< 0.08	< 5	< 50	< 5	**37,000**		3.73
5050	LF-11		20-Aug-97	< 0.01	16.	0.16	< 0.01	0.12	< 0.01	**30,000**		**3.49**
5050	LF-11		19-Dec-97	< 0.01	13.	< 0.05	< 0.01	< 0.05	< 0.01	**31,000**		**3.91**
5050	LF-12		1-Nov-93	< 0.1	8.1	0.014	< 0.05	< 1	< 0.05	3,400	17,000	4.56
5050	LF-12		17-Feb-94	< 0.1	5.9	0.014	< 0.05	< 1	< 0.05	2,700		4.68
5050	LF-12		24-May-94	< 0.1	7.1	0.017	< 0.05	< 1	< 0.05	3,100		
5050	LF-12		22-Sep-94	< 0.1	6.7	0.02	< 0.05	< 1	< 0.05	3,100		
5050	LF-12		19-Dec-94	< 0.1	6.9	0.03	< 0.05	< 1	< 0.05	3,200		
5050	LF-12		15-Mar-95	< 0.1	6.7	0.019	< 0.05	< 0.5	< 0.05	2,600		
5050	LF-12		7-Jun-95	< 0.1	6.6	0.04	< 0.05	< 0.5	< 0.05	2,900		7.59
5050	LF-12		6-Sep-95	< 0.1	6.4	< 0.01	< 0.05	< 0.5	< 0.05	2,900		
5050	LF-12		18-Dec-95	< 0.1	6.6	0.055	< 0.05	< 0.5	< 0.05	3,000		4.08
5050	LF-12		20-Aug-97	< 0.01	4.7	0.12	< 0.01	0.05	0.03	2,200		3.58
5050	LF-12		19-Dec-97	< 0.01	4.4	< 0.05	< 0.01	< 0.05	0.02	2,600		4.49
5050	LF-13		6-Dec-93	0.04	0.03	< 0.2	< 0.005	< 0.1	0.061	0.03	2,600	7.07
5050	LF-13		20-Aug-97	0.08	0.03	< 0.05	< 0.01	< 0.05	0.15	1.3		7.59
5050	LF-13		19-Dec-97	< 0.01	< 0.02	< 0.05	< 0.01	< 0.05	0.05	0.10		7.58

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well	Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
	MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LF-14	8-Dec-93	< 0.02	0.005	< 0.05	< 0.002	0.12	< 0.01	0.67	0.68	< 0.04	0.0016
5050	LF-14	17-Feb-94	< 0.02	< 0.002	< 0.05	0.002	0.16	< 0.01	0.96	2.1	< 0.04	< 0.0002
5050	LF-14	25-May-94	< 0.03	0.004	< 0.05	0.002	0.14	< 0.01	1	3.5	0.027	< 0.0002
5050	LF-14	21-Sep-94	< 0.02	< 0.002	< 0.05	< 0.002	0.065	< 0.01	0.59	1.1	0.022	< 0.0002
5050	LF-14	19-Dec-94	< 0.02	0.004	< 0.05	0.004	0.12	< 0.01	0.96	2.9	0.03	< 0.0002
5050	LF-14	15-Mar-95	< 0.02	< 0.002	0.01	0.004	0.12	< 0.01	0.86	3.4	0.017	< 0.0002
5050	LF-14	8-Jun-95	< 0.02	0.005	0.01	0.002	0.14	< 0.01	0.95	1.7	0.037	< 0.0002
5050	LF-14	8-Sep-95	< 0.02	< 0.002	0.01	0.002	0.086	< 0.01	0.78	2.8	0.017	< 0.0002
5050	LF-14	18-Dec-95	< 0.02	0.018	0.01	< 0.003	0.13	< 0.01	1.1	1.4	0.003	< 0.0002
5050	LF-14	20-Aug-97	< 0.03	< 0.05	0.01	< 0.005	0.19	< 0.01	0.60	1.3	< 0.05	< 0.0005
5050	LF-14	19-Dec-97	< 0.03	< 0.05	0.11	< 0.005	0.093	0.34	0.82	0.72	< 0.05	0.0006
5050	LF-15	6-Dec-93	< 0.02	< 0.05	0.28	0.017	1.7	< 0.01	8.1	0.14	1.1	< 0.0003
5050	LF-15	18-Feb-94	< 0.2	0.006	< 0.5	< 0.02	1.7	< 0.1	7.4	< 0.1	0.6	< 0.0002
5050	LF-15	21-Sep-94	< 0.02	< 0.01	< 0.05	0.027	2.0	< 0.01	11	< 0.01	0.21	< 0.0002
5050	LF-15	13-Mar-95	< 0.02	< 0.002	0.01	0.019	1.5	< 0.01	8.8	< 0.01	0.33	< 0.0002
5050	LF-15	8-Sep-95	< 0.2	< 0.01	< 0.1	< 0.02	2.1	< 0.1	14	< 0.1 P	0.07	< 0.0002
5050	LF-16	7-Dec-93	< 0.2	< 0.05	< 0.5	< 0.02	10	< 0.1	5.9	0.4	< 0.4	< 0.003
5050	LF-16	17-Feb-94	< 0.2	< 0.002	< 0.5	0.04	15	< 0.1	8.3	21	< 0.4	< 0.0002
5050	LF-16	25-May-94	< 0.3	< 0.002	< 0.5	0.02	12	< 0.1	7.0	25	< 0.01	< 0.0002
5050	LF-16	21-Sep-94	< 0.2	< 0.005	< 0.05	0.03	11	< 0.1	6.2	22	< 0.05	< 0.0002
5050	LF-16	19-Dec-94	< 0.2	< 0.005	< 0.5	0.03	10	< 0.1	6	22	< 0.2	< 0.0002
5050	LF-16	15-Mar-95	< 0.2	< 0.02	< 0.1	0.03	8.2	< 0.1	4.9	21	< 0.05	< 0.0002
5050	LF-16	8-Jun-95	< 0.2	0.015	< 0.1	0.03	8.2	< 0.1	5.1	19	< 0.05	< 0.0002
5050	LF-16	8-Sep-95	< 0.2	0.006	0.3	0.02	8.4	< 0.1	5.6	18	< 0.02	< 0.0002
5050	LF-16	19-Dec-95	< 0.2	< 0.005	< 0.1	0.02	7.5	< 0.1	4.6	18	< 0.005	< 0.0002
5050	LF-16	20-Aug-97	< 0.03	< 0.05	0.02	0.017	5.6	< 0.01	3.4	15.	< 0.05	< 0.0005
5050	LF-16	19-Dec-97	< 0.03	< 0.05	< 0.01	0.019	5.6	< 0.01	3.4	15.	< 0.05	< 0.0005

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well	Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
	MCL		--	0.1	0.05	0.1[+]	0.002	--	5		
5050	LF-14	8-Dec-93	< 0.01	1.6	< 0.02	< 0.005	< 0.1	< 0.005	230	5,600	5.04
5050	LF-14	17-Feb-94	< 0.01	2.4	< 0.004	< 0.005	< 0.1	< 0.005	300		5.03
5050	LF-14	25-May-94	< 0.01	2.4	< 0.004	< 0.005	0.1	< 0.005	340		
5050	LF-14	21-Sep-94	< 0.01	1.4	< 0.004	< 0.005	< 0.1	< 0.005	240		
5050	LF-14	19-Dec-94	< 0.01	2.3	< 0.004	< 0.005	< 0.1	0.042	370		
5050	LF-14	15-Mar-95	< 0.01	2.3	< 0.004	< 0.005	< 0.05	< 0.005	340		
5050	LF-14	8-Jun-95	< 0.01	2.4	< 0.004	< 0.005	0.07	0.008	290		
5050	LF-14	8-Sep-95	< 0.01	1.9	< 0.004	< 0.005	0.1	0.015	310		
5050	LF-14	18-Dec-95	< 0.01	2.6	< 0.004	< 0.005	< 0.05	0.011	290		5.11
5050	LF-14	20-Aug-97	< 0.01	1.5	< 0.05	< 0.01	< 0.05	0.03	280		4.77
5050	LF-14	19-Dec-97	< 0.01	1.9	< 0.05	< 0.01	< 0.05	0.01	240		4.61
5050	LF-15	6-Dec-93	< 0.01	23	< 0.1	0.032	0.9	< 0.005	640	31,000	4.67
5050	LF-15	18-Feb-94	< 0.1	20	< 0.04	< 0.05	< 1	< 0.05	660		**4.72**
5050	LF-15	21-Sep-94	< 0.01	29	< 0.02	0.02	1.1	< 0.005	620		
5050	LF-15	13-Mar-95	< 0.01	24	< 0.02	< 0.005	0.66	< 0.005	550		
5050	LF-15	8-Sep-95	< 0.1	37	< 0.02	< 0.05	0.9	< 0.05	570		
5050	LF-16	7-Dec-93	< 0.1	16	< 0.1	< 0.05	< 1	< 0.05	3,400	41,000	5.37
5050	LF-16	17-Feb-94	< 0.1	24	< 0.04	< 0.05	< 1	< 0.05	5,200		4.17
5050	LF-16	25-May-94	< 0.1	20	< 0.004	< 0.05	< 1	< 0.05	4,100		
5050	LF-16	21-Sep-94	< 0.1	17	< 0.01	< 0.05	< 1	< 0.05	3,700		
5050	LF-16	19-Dec-94	< 0.1	17	< 0.01	< 0.05	< 1	0.08	3,300		
5050	LF-16	15-Mar-95	< 0.1	16	< 0.04	< 0.05	< 0.5	< 0.05	3,300		
5050	LF-16	8-Jun-95	< 0.1	15	< 0.01	< 0.05	< 0.5	0.06	2,900		
5050	LF-16	8-Sep-95	< 0.1	15	< 0.01	< 0.05	0.7	< 0.05	2,800		
5050	LF-16	19-Dec-95	< 0.1	13	< 0.01	< 0.05	< 0.5	0.07	2,700		4.31
5050	LF-16	20-Aug-97	< 0.01	9.6	< 0.05	< 0.01	0.12	0.07	2,000		4.02
5050	LF-16	19-Dec-97	< 0.01	9.0	< 0.05	< 0.01	< 0.05	0.05	2,200		**4.64**

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well	Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
	MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LF-17	8-Dec-93	< 0.02	0.004	0.11	< 0.002	< 0.005	< 0.01	0.011	< 0.01	< 0.04	< 0.0003
5050	LF-17	15-Feb-94	< 0.02	< 0.002	0.05	< 0.002	< 0.005	< 0.01	0.009	< 0.01	< 0.04	< 0.0002
5050	LF-17	22-Sep-94	0.005	< 0.002	0.06	< 0.0005	< 0.001	< 0.002	0.005	< 0.002	< 0.005	< 0.0002
5050	LF-17	14-Mar-95	< 0.004	< 0.002	0.065	< 0.0005	< 0.001	< 0.002	0.006	< 0.002	< 0.002	< 0.002
5050	LF-17	6-Sep-95	< 0.004	< 0.002	0.057	< 0.0005	< 0.001	< 0.002	0.004	< 0.002	< 0.002	< 0.0002
5050	LF-F1	8-Dec-93	< 0.02	0.012	0.07	< 0.002	0.049	< 0.01	0.055	< 0.01	< 0.04	< 0.0003
5050	LF-F1	18-Feb-94	< 0.02	0.004	< 0.05	< 0.002	0.065	< 0.01	0.062	< 0.01	< 0.04	< 0.0002
5050	LF-F1	23-Sep-94	< 0.02	0.21	0.02	< 0.0005	< 0.005	< 0.002	0.2	< 0.002	< 0.005	< 0.0002
5050	LF-F1	15-Mar-95	< 0.02	0.092	0.021	< 0.0005	0.02	< 0.002	0.1	< 0.002	< 0.002	< 0.0002
5050	LF-F1	7-Sep-95	< 0.004	0.09	0.020	< 0.0005	0.038	< 0.002	0.11	< 0.002	< 0.002	< 0.0002
5050	LFMW-1	5-Nov-91	< 0.02	0.073	0.085	< 0.001	< 0.005	< 0.01	0.008	< 0.005	< 0.005	< 0.0003
5050	LFMW-1	27-Oct-92	< 0.02	0.084	0.09	< 0.002	0.031	< 0.01	0.052	< 0.01	< 0.04	< 0.0003
5050	LFMW-1	5-Mar-93	< 0.02	0.024	0.05	< 0.002	0.008	< 0.01	0.015	< 0.01	< 0.04	< 0.0003
5050	LFMW-1	25-May-93	0.03	0.064	0.06	< 0.002	< 0.005	< 0.01	0.008	< 0.01	< 0.04	< 0.0003
5050	LFMW-1	1-Sep-93	< 0.02	0.097	0.07	< 0.002	< 0.005	< 0.01	0.009	< 0.01	< 0.04	< 0.0003
5050	LFMW-1	26-Oct-93	< 0.02	0.03	0.08	< 0.002	0.009	< 0.01	0.012	< 0.01	< 0.04	< 0.0003
5050	LFMW-1	18-Feb-94	< 0.02	0.052	0.1	< 0.002	< 0.005	< 0.01	0.011	< 0.01	< 0.04	< 0.0002
5050	LFMW-1	22-Sep-94	0.017	0.029	0.08	< 0.0005	0.005	< 0.002	0.009	< 0.002	< 0.005	< 0.0002
5050	LFMW-1	14-Mar-95	0.079	0.033	0.092	< 0.0005	< 0.001	< 0.002	0.02	0.004	< 0.002	< 0.0002
5050	LFMW-1	5-Sep-95	0.029	0.12	0.12	< 0.0005	0.002	0.002	0.018	< 0.002	< 0.005	< 0.0002

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well	Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
	MCL		--	0.1	0.05	0.1*	0.002	--	5		
5050	LF-17	8-Dec-93	< 0.01	0.04	< 0.004	< 0.005	< 0.1	0.008	0.1	2,300	7.11
5050	LF-17	15-Feb-94	< 0.01	0.03	< 0.004	< 0.005	< 0.1	0.007	0.05		7.21
5050	LF-17	22-Sep-94	0.003	0.015	< 0.004	< 0.001	< 0.02	0.006	0.035		
5050	LF-17	14-Mar-95	< 0.002	0.022	< 0.004	< 0.001	0.01	0.003	0.056		
5050	LF-17	6-Sep-95	0.002	0.017	< 0.004	< 0.001	0.01	0.004	< 0.01		
5050	LF-F1	8-Dec-93	< 0.01	0.07	< 0.04	< 0.005	< 0.1	0.008	13	4,500	6.78
5050	LF-F1	18-Feb-94	0.02	0.07	< 0.004	< 0.005	< 0.1	< 0.005	20		6.80
5050	LF-F1	23-Sep-94	0.006	0.13	< 0.004	0.002	< 0.1	< 0.005	39		
5050	LF-F1	15-Mar-95	0.009	0.05	< 0.004	0.001	< 0.05	0.001	14		
5050	LF-F1	7-Sep-95	0.011	0.076	< 0.02	< 0.001	< 0.01	< 0.001	17		
5050	LFMW-1	5-Nov-91	0.02	0.032	< 0.004	< 0.002	< 0.1	< 0.005	2.7	620	
5050	LFMW-1	27-Oct-92	< 0.01	0.3	< 0.004	< 0.005	< 0.1	0.007	42		
5050	LFMW-1	5-Mar-93	< 0.01	0.11	< 0.004	< 0.005	< 0.1	0.006	16		
5050	LFMW-1	25-May-93	0.02	0.02	< 0.004	< 0.005	< 0.1	0.007	1.6		
5050	LFMW-1	1-Sep-93	0.02	0.02	< 0.004	< 0.005	< 0.1	0.005	2.3		
5050	LFMW-1	26-Oct-93	< 0.01	0.1	< 0.004	< 0.005	< 0.1	< 0.005	13		6.23
5050	LFMW-1	18-Feb-94	0.01	0.02	< 0.004	< 0.005	< 0.1	0.007	2.8		7.21
5050	LFMW-1	22-Sep-94	0.007	0.051	< 0.01	< 0.001	< 0.02	0.01	5		
5050	LFMW-1	14-Mar-95	0.013	0.019	< 0.004	< 0.001	< 0.01	0.009	1.8		
5050	LFMW-1	5-Sep-95	0.018	0.014	< 0.01	< 0.001	< 0.01	0.019	1.4		

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LFMW-2	*	5-Nov-91	< 0.2	2.1	0.013	0.002	7.0	< 0.01	0.42	0.093	< 0.2	0.0055
5050	LFMW-2		27-Oct-92	< 0.2	1.5	< 0.5	< 0.02	10	< 0.1	1.5	0.2	< 0.4	< 0.0003
5050	LFMW-2	(1)	5-Mar-93	< 0.02	0.011	< 0.05	< 0.002	0.28	< 0.01	0.24	0.14	< 0.04	< 0.0003
5050	LFMW-2		25-May-93	< 0.2	1.8	< 0.05	< 0.02	5.2	< 0.1	0.85	< 0.1	< 0.4	< 0.0003
5050	LFMW-2		1-Sep-93	< 0.2	2.1	< 0.05	< 0.02	5.2	< 0.1	0.77	< 0.1	< 0.4	< 0.0003
5050	LFMW-2		26-Oct-93	< 0.2	4	< 0.5	< 0.02	5.1	0.3	0.73	0.3	< 0.4	< 0.0003
5050	LFMW-2		18-Feb-94	< 0.2	1.5	< 0.5	< 0.02	4.6	< 0.1	0.62	< 0.1	< 0.4	< 0.0002
5050	LFMW-2		22-Sep-94	< 0.2	2.1	< 0.05	< 0.02	5	< 0.1	0.65	0.1	< 0.01	< 0.0002
5050	LFMW-2		14-Mar-95	< 0.2	1.4	< 0.1	< 0.02	4.1	< 0.1	0.52	< 0.1	< 0.02	< 0.0002
5050	LFMW-2		5-Sep-95	< 0.2	1.3	< 0.1	< 0.02	5.2	< 0.1	0.55	0.2	0.02	< 0.0002
5050	LFMW-3	*	5-Nov-91	< 0.02	< 0.002	0.017	0.001	0.57	< 0.01	0.42	0.28	0.005	0.0028
5050	LFMW-3		27-Oct-92	< 0.02	0.004	< 0.05	0.003	0.73	< 0.01	0.74	0.3	< 0.04	< 0.0003
5050	LFMW-3	(1)	5-Mar-93	< 0.2	1.6	< 0.05	< 0.02	5.8	< 0.1	1	0.07	< 0.4	< 0.0003
5050	LFMW-3		25-May-93	< 0.02	< 0.002	< 0.05	< 0.002	0.28	< 0.01	0.24	0.07	< 0.04	< 0.0003
5050	LFMW-3		1-Sep-93	< 0.02	0.011	< 0.05	< 0.002	0.32	< 0.01	0.3	0.2	< 0.04	< 0.0003
5050	LFMW-3		26-Oct-93	< 0.02	< 0.002	< 0.05	0.002	0.44	< 0.01	0.49	0.32	< 0.04	< 0.0003
5050	LFMW-3		18-Feb-94	< 0.02	< 0.002	< 0.05	< 0.002	0.22	< 0.01	0.25	0.19	< 0.04	< 0.0002
5050	LFMW-3		24-May-94	< 0.03	< 0.002	< 0.05	< 0.002	0.1	< 0.01	0.14	0.12	< 0.003	< 0.0002
5050	LFMW-3		22-Sep-94	< 0.02	< 0.002	< 0.05	< 0.002	0.21	< 0.01	0.25	0.2	< 0.005	< 0.0002
5050	LFMW-3		19-Dec-94	< 0.02	< 0.002	< 0.05	< 0.002	0.094	< 0.01	0.089	0.06	< 0.002	< 0.0002
5050	LFMW-3		14-Mar-95	< 0.02	< 0.002	0.02	< 0.002	0.13	< 0.01	0.14	0.1	< 0.002	< 0.0002
5050	LFMW-3		7-Jun-95	< 0.02	< 0.002	0.02	0.002	0.33	< 0.01	0.47	0.32	< 0.005	< 0.0002
5050	LFMW-3		5-Sep-95	< 0.02	< 0.002	0.03	0.004	0.84	< 0.01	1.3	0.90	< 0.002	< 0.0002
5050	LFMW-3		18-Dec-95	< 0.2	< 0.002	0.01	< 0.03	1.7	< 0.1	1.2	0.70	< 0.002	< 0.0002
5050	LFMW-3		20-Aug-97	< 0.03	< 0.05	0.02	0.005	0.90	< 0.01	1.4	1.0	< 0.05	< 0.0005
5050	LFMW-3		19-Dec-97	< 0.03	< 0.05	< 0.01	< 0.005	0.77	< 0.01	1.0	0.68	< 0.05	< 0.0005

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
		MCL		--	0.1	0.05	0.1[+]	0.002	--	5		
5050	LFMW-2	*	5-Nov-91	0.01	1.2	< 0.004	0.008	< 0.1	< 0.005	4,200	16,000	
5050	LFMW-2		27-Oct-92	< 0.1	4.9	0.014	< 0.05	< 1	< 0.05	6,000		
5050	LFMW-2	(1)	5-Mar-93	< 0.1	1	< 0.01	< 0.005	< 0.1	< 0.005	290		
5050	LFMW-2		25-May-93	< 0.1	2.4	< 0.004	< 0.05	< 1	< 0.05	3,000		
5050	LFMW-2		1-Sep-93	< 0.1	2.3	< 0.004	< 0.05	< 1	< 0.05	2,700		
5050	LFMW-2		26-Oct-93	< 0.1	2.2	< 0.04	< 0.05	< 1	< 0.05	2,600		4.31
5050	LFMW-2		18-Feb-94	< 0.1	2	< 0.004	< 0.05	< 1	< 0.05	2,600		4.54
5050	LFMW-2		22-Sep-94	< 0.1	2	< 0.2	< 0.05	< 1	< 0.05	2,300		
5050	LFMW-2		14-Mar-95	< 0.1	1.8	< 0.04	< 0.05	< 0.5	< 0.05	2,200		
5050	LFMW-2		5-Sep-95	< 0.1	1.9	< 0.2	< 0.05	< 0.5	< 0.05	2,300		
5050	LFMW-3	*	5-Nov-91	< 0.01	1.2	< 0.004	0.005	< 0.1	< 0.005	600	5,900	
5050	LFMW-3		27-Oct-92	< 0.01	2.6	0.011	0.009	< 0.1	< 0.005	730		
5050	LFMW-3	(1)	5-Mar-93	< 0.1	3.1	< 0.02	< 0.05	< 1	< 0.05	3,000		
5050	LFMW-3		25-May-93	< 0.01	0.83	< 0.004	< 0.005	< 0.1	< 0.005	260		
5050	LFMW-3		1-Sep-93	< 0.01	1.1	< 0.004	< 0.005	< 0.1	< 0.005	360		
5050	LFMW-3		26-Oct-93	< 0.01	1.7	< 0.004	< 0.005	< 0.1	< 0.005	560		4.66
5050	LFMW-3		18-Feb-94	< 0.01	0.77	< 0.004	< 0.005	< 0.1	< 0.005	230		5.17
5050	LFMW-3		24-May-94	< 0.01	0.42	< 0.004	< 0.005	< 0.1	< 0.005	120		
5050	LFMW-3		22-Sep-94	< 0.01	0.75	< 0.004	< 0.005	< 0.1	< 0.005	230		
5050	LFMW-3		19-Dec-94	< 0.01	0.36	< 0.004	< 0.005	< 0.1	< 0.005	100		
5050	LFMW-3		14-Mar-95	< 0.01	0.59	< 0.004	< 0.005	< 0.05	< 0.005	220		
5050	LFMW-3		7-Jun-95	< 0.01	1.5	< 0.004	< 0.005	< 0.05	< 0.005	500		
5050	LFMW-3		5-Sep-95	0.01	3.8	0.004	< 0.005	< 0.05	< 0.005	1,100		
5050	LFMW-3		18-Dec-95	< 0.1	3.9	< 0.004	< 0.05	< 0.5	< 0.05	1,200		4.34
5050	LFMW-3		20-Aug-97	< 0.01	4.0	< 0.05	< 0.01	< 0.05	< 0.01	1,300		4.02
5050	LFMW-3		19-Dec-97	< 0.01	3.0	< 0.05	< 0.01	< 0.05	< 0.01	1,000		3.95

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5050	LFMW-4	*	5-Nov-91	< 0.02	0.007	0.017	< 0.001	< 0.005	< 0.01	< 0.005	< 0.005	< 0.005	0.0027
5050	LFMW-4		27-Oct-92	< 0.02	< 0.002	< 0.05	< 0.002	0.006	< 0.01	< 0.005	0.02	< 0.04	< 0.0003
5050	LFMW-4		4-Mar-93	< 0.02	< 0.002	< 0.05	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LFMW-4		25-May-93	< 0.02	< 0.002	< 0.05	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LFMW-4		1-Sep-93	< 0.02	0.009	< 0.05	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LFMW-4		26-Oct-93	< 0.02	0.003	< 0.05	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0003
5050	LFMW-4		18-Feb-94	< 0.02	< 0.002	< 0.05	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0002
5050	LFMW-4		22-Sep-94	< 0.005	< 0.002	0.02	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.005	< 0.0002
5050	LFMW-4		14-Mar-95	< 0.004	< 0.002	0.02	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.002	< 0.0002
5050	LFMW-4		6-Sep-95	< 0.004	< 0.002	0.019	< 0.0005	< 0.001	< 0.002	< 0.001	< 0.002	< 0.002	< 0.0002

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
		MCL		--	0.1	0.05	0.1*	0.002	--	5		
5050	LFMW-4	*	5-Nov-91	< 0.01	0.012	< 0.004	< 0.002	< 0.1	< 0.005	< 0.005	2,400	
5050	LFMW-4		27-Oct-92	< 0.01	0.02	0.004	< 0.005	< 0.1	0.011	0.047		
5050	LFMW-4		4-Mar-93	< 0.01	0.02	< 0.004	< 0.005	< 0.1	0.01	0.03		
5050	LFMW-4		25-May-93	< 0.01	< 0.01	< 0.004	< 0.005	< 0.1	0.006	0.008		
5050	LFMW-4		1-Sep-93	< 0.01	< 0.01	< 0.004	< 0.005	< 0.1	< 0.005	0.016		
5050	LFMW-4		26-Oct-93	< 0.01	< 0.01	< 0.004	< 0.005	< 0.1	< 0.005	0.15		6.47
5050	LFMW-4		18-Feb-94	< 0.01	0.02	< 0.004	< 0.005	< 0.1	< 0.005	0.17		6.68
5050	LFMW-4		22-Sep-94	< 0.002	0.025	< 0.004	< 0.001	< 0.02	0.004	0.039		
5050	LFMW-4		14-Mar-95	< 0.002	0.02	< 0.004	< 0.001	< 0.01	0.004	0.05		
5050	LFMW-4		6-Sep-95	< 0.002	0.016	< 0.004	< 0.001	0.01	0.004	0.02		

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3[+]	0.015[++]	0.002
5200	CW-1		1-Oct-96	< 0.03	0.52	2.5	< 0.005	< 0.005	< 0.01	<0.01	< 0.01	< 0.05	< 0.0005
5200	CW-1		19-Aug-97	< 0.03	0.56	90.	< 0.005	< 0.005	< 0.01	0.08	< 0.01	< 0.05	< 0.0005
5200	CW-1		11-Dec-97	< 0.03	0.56	70.	< 0.005	< 0.005	< 0.01	0.06	< 0.01	< 0.05	< 0.0005
5200	CW-2		1-Oct-96	< 0.03	3.5	220	< 0.005	< 0.005	< 0.01	0.2	< 0.01	< 0.05	< 0.0005
5200	CW-2		19-Aug-97	< 0.03	2.6	220	< 0.005	< 0.005	< 0.01	0.20	< 0.01	< 0.05	< 0.0005
5200	CW-2		11-Dec-97	< 0.03	3.6	150	< 0.005	< 0.005	< 0.01	0.14	< 0.01	< 0.05	< 0.0005
5200	CW-3		1-Oct-96	< 0.03	3.3	1,000	< 0.005	< 0.005	< 0.01	0.9	< 0.01	< 0.05	< 0.0005
5200	CW-3		19-Aug-97	< 0.03	8.9	1,200	< 0.005	< 0.005	< 0.01	1.1	< 0.01	< 0.05	< 0.0005
5200	CW-3	(2)	11-Dec-97	< 0.03	10.	1,400	< 0.005	< 0.005	< 0.01	1.2	< 0.01	< 0.05	< 0.0005
5200	CW-4		1-Oct-96	< 0.03	0.24	3.6	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5200	CW-4		19-Aug-97	< 0.03	0.18	2.5	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5200	CW-4		11-Dec-97	< 0.03	0.30	2.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5200	CW-5		1-Oct-96	< 0.03	0.54	31	< 0.005	< 0.005	< 0.01	0.03	< 0.01	<0.01	< 0.0005
5200	CW-5		19-Aug-97	< 0.03	0.46	25.	< 0.005	< 0.005	< 0.01	0.02	< 0.01	< 0.05	< 0.0005
5200	CW-5	(2)	11-Dec-97	< 0.03	0.45	25.	< 0.005	< 0.005	< 0.01	0.02	< 0.01	< 0.05	< 0.0005

TABLE 3
Metals, Total Dissolved Solids, and pH Detected in Groundwater
5050 5200 Coliseum Way
Concentrations in Milligrams per Liter (mg/L)

Site	Monitoring Well		Sample Date	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	TDS	pH (SU)
		MCL		--	0.1	0.05	0.1*	0.002	--	5		
5200	CW-1		1-Oct-96	0.02	< 0.02	< 0.05	< 0.01	< 0.05	0.08	0.01		8.4
5200	CW-1		19-Aug-97	0.02	< 0.02	< 0.05	< 0.01	< 0.05	0.10	< 0.01		8.15
5200	CW-1		11-Dec-97	0.01	< 0.02	< 0.05	< 0.01	< 0.05	0.04	1.3		7.67
5200	CW-2		1-Oct-96	< 0.01	< 0.02	< 0.05	< 0.01	< 0.05	< 0.01	0.06		6.8
5200	CW-2		19-Aug-97	< 0.01	< 0.02	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01		7.60
5200	CW-2		11-Dec-97	< 0.01	< 0.02	< 0.05	< 0.01	< 0.05	< 0.01	0.05		7.30
5200	CW-3		1-Oct-96	0.02	< 0.02	< 0.05	< 0.01	< 0.05	0.04	< 0.01		10.1
5200	CW-3		19-Aug-97	0.02	< 0.02	< 0.05	< 0.01	< 0.05	0.03	< 0.01		10.65
5200	CW-3	(2)	11-Dec-97	0.01	< 0.02	< 0.05	< 0.01	< 0.05	0.03	0.03		10.17
5200	CW-4		1-Oct-96	0.13	< 0.02	< 0.05	< 0.01	< 0.05	0.04	0.02		9.8
5200	CW-4		19-Aug-97	0.10	< 0.02	< 0.05	< 0.01	< 0.05	0.03	0.09		10.34
5200	CW-4		11-Dec-97	0.07	< 0.02	< 0.05	< 0.01	< 0.05	0.03	0.03		9.64
5200	CW-5		1-Oct-96	0.01	< 0.02	< 0.05	< 0.01	< 0.05	0.01	0.01		7.1
5200	CW-5		19-Aug-97	< 0.01	< 0.02	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01		7.81
5200	CW-5	(2)	11-Dec-97	< 0.01	< 0.02	< 0.05	< 0.01	< 0.05	< 0.01	0.01		7.69

(Sb) = Chemical Symbol for Metal (eg. Antimony)
TDS = Total dissolved solids
MCL = Maximum Contaminant Levels for Drinking Water (CCR Title 22, Sections 64431 and 64444)
-- = Not established
* = Secondary Drinking Water Standard
** = Lead level established by the Federal Copper and Lead Rule for public drinking water suppliers
[SU] = Standard Units
* = Sample date reported as 1992 in tables by LFR (Date corrected to 1991 by Clayton)
(1) = Labeling error in the field or laboratory may account for anomalous data reported for wells MW-2 and MW-3 (LFR)
(2) = Labeling error in the field, well numbers reversed (CW-3 and CW-5)

APPENDIX A

FIELD SAMPLING SURVEY FORMS

JOB #: 70-97023.00,300

SAMPLING DATA SHEET

JOB LOCATION: 5200 COLESIUM WAY OAKLAND

SAMPLING LOCATION: C.W-1

DEPTH TO WATER: 8.66

WELL BOTTOM DEPTH: 13.40

WELL CASING VOLUME: 0.75

CASING VOLUMES PURGED: 4

PURGE RATE: 0.375 GPM

DATE PURGED: 12/11/97

PURGE METHOD: DISPOSABLE BAILER

DATE & TIME SAMPLED: 1408 12/11/97

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCL

OF CONTAINERS: 3

FIELD TECH: MBM

WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1145	0 g	2.03	7.67	21.5	YEL CLR
1147	1 g	2.47	7.96	22.0	"
1150	1 g	2.80	7.80	22.4	"
1153	1 g	3.53	7.67	21.9	"
	BAILED DRY				

NOTES: 80% = 9.61 SULFER ODOR

JOB #: 97023.00.300

SAMPLING DATA SHEET

JOB LOCATION: 5200 COLESIUM WAY OAKLAND

SAMPLING LOCATION: CW-2

DEPTH TO WATER: 9.30

WELL BOTTOM DEPTH: 13.24

WELL CASING VOLUME: 0.63g

CASING VOLUMES PURGED: 3.9

PURGE RATE: 0.28GPM

DATE PURGED: 12/11/97

PURGE METHOD: DISPOSABLE BAILER

DATE & TIME SAMPLED: 12/11/97 1421

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 3

FIELD TECH: MRM

WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1201	0g	3,25	7,45	22,2	CLR
1204	.9g	2,15	7,39	22,0	LT. GRY
1206	.9g	2,46	7,31	22,1	"
1210	.9g	2,43	7,30	22,0	"
	BAILED DRY				

NOTES:

JOB #: 70-97023.00.300

SAMPLING DATA SHEET

JOB LOCATION: COLESIUM STORAGE

MISLABELED IN FIELD

SAMPLING LOCATION: (CW-3) CW-5

DEPTH TO WATER: 8.39

WELL BOTTOM DEPTH: 13.36

WELL CASING VOLUME: 1.89

CASING VOLUMES PURGED: 6.25

PURGE RATE: 0.36 GPM

DATE PURGED: 12/11/97

PURGE METHOD: DISPOSABLE BAILER

DATE & TIME SAMPLED: 12/11/97 1430

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: ✓ GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 5

FIELD TECH: MRM

WEATHER CONDITIONS: ~~PM~~ OVERCAST / SPRINKLES

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1241	0 gr	2.62	7.49	20.5	CLR
1244	1 1 gr	2.42	7.52	20.7	BLK
1247	2 1 gr	2.33	7.61	20.8	"
1249	3 1 gr	2.32	7.65	20.9	"
1252	4 1 gr	2.28	7.67	20.8	"
1255	5 1 gr	2.29	7.69	20.9	"

NOTES: PET ODOR + HEAVY SHEEN

JOB #: 70-97023.00.300

SAMPLING DATA SHEET

JOB LOCATION: COLESIUM STORAGE

SAMPLING LOCATION: CW-4

DEPTH TO WATER: 8.06

WELL BOTTOM DEPTH: 14.09

WELL CASING VOLUME: 0.96 gr

CASING VOLUMES PURGED: 4.2

PURGE RATE: 0.36 GPM

DATE PURGED: 12/11/97

PURGE METHOD: DISPOSABLE BAILER

DATE & TIME SAMPLED: 12/11/97 1442

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: 1 GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 5

FIELD TECH: MRM

WEATHER CONDITIONS: OVERCAST / SPRINKLES

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1307	0 gr	2.36	9.15	20.2	LT. YEL. CLR
1310	1 1 gr	2.57	9.48	20.9	BLK
1313	2 1 gr	2.64	9.58	21.0	"
1316	3 1 gr	2.58	9.64	21.1	"
1318	4 1 gr	2.54	9.64	20.8	"
	5				

NOTES:

SULFER ODOR
LT. SHEEN

JOB #: 70-97023.00,300

SAMPLING DATA SHEET

JOB LOCATION: COLESIUM STORAGE OAKLAND
MISLABELLED IN FIELD (CW-5) CW-3

SAMPLING LOCATION:

DEPTH TO WATER: 9.10

WELL BOTTOM DEPTH: 13.58

WELL CASING VOLUME: 0.72

CASING VOLUMES PURGED: 6.9

PURGE RATE: 0.36 GPM

DATE PURGED: 12/11/97

PURGE METHOD: DISPOSABLE BAILER

DATE & TIME SAMPLED: 12/11/97 1500

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 5

FIELD TECH: MRM

WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1326	0 qt	5.83	9.57	20.8	CLR
1329	1 1 qt	5.72	9.68	21.1	GRY
1330	2 1 qt	5.40	9.82	21.2	"
1333	3 1 qt	5.56	9.87	21.0	"
1336	4 1 qt	4.67	9.92	21.1	"
1339	5 1 qt	5.65	10.17	21.2	"

NOTES:

JOB #: 70-9703.00.300

SAMPLING DATA SHEET

JOB LOCATION: 5200 COLESIUM WAY OAKLAND

SAMPLING LOCATION: LF-1

DEPTH TO WATER: 2.90

WELL BOTTOM DEPTH: 20.09

WELL CASING VOLUME: 2.8g

CASING VOLUMES PURGED: 4.1

PURGE RATE: .49 GPM

DATE PURGED: 12/11/97

PURGE METHOD: DISPOSABLE BAILER

DATE & TIME SAMPLED: 12/11/97 1645

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 5

FIELD TECH: MRM

WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1526	0 g	36.2	4.90	21.4	LT. OBG. CLR
1531	1 3.0g	8.47	5.42	21.8	"
1537	2 3.0g	8.36	5.29	21.7	CLR
1543	3 3.0g	16.65	4.45	22.2	"
1549	4 2.4g	20.19	4.23	21.2	"
	5 BAILED DRY				

NOTES:

JOB #: 70-9702B-00.300

SAMPLING DATA SHEET

JOB LOCATION: 5050 COLESIVM WAY, OAKLAND

SAMPLING LOCATION: LF-2

DEPTH TO WATER: 5.35

WELL BOTTOM DEPTH: 14.67

WELL CASING VOLUME: 9.32 x 0.16 = 1.49

CASING VOLUMES PURGED: ~~Alpha~~ 4.0

PURGE RATE: 0.24 GPM

DATE PURGED: 12-19-97

PURGE METHOD: BAILER

DATE & TIME SAMPLED: 1707/12/19/97

SAMPLING METHOD: BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ~~ICE~~ ICE + HCl

OF CONTAINERS: 5

FIELD TECH: NBC

WEATHER CONDITIONS: GOOD SUNNY / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (~~µmhos/cm~~ µS)	PH	TEMPERATURE ~~(°F)~~ °C	TURBIDITY ~~(ntu)~~
13:45	0.0	21.4	6.41	21.2	Turbid
13:52	1.5	~~34.3~~	6.14	~~70.9~~	Clear
13:58	3.0	35.8	6.12	21.4	Clear
14:04	4.5	36.1	6.11	21.3	Clear
14:10	6.0	37.3	6.10	21.5	clear

NOTES:

JOB #: 70-47025.00.3000

SAMPLING DATA SHEET

JOB LOCATION: 5050 Coleslum Way

SAMPLING LOCATION: MF3 9.45

DEPTH TO WATER: 5.54

WELL BOTTOM DEPTH: 14.92

WELL CASING VOLUME: 1.5 gals

CASING VOLUMES PURGED: ~~Exact~~ 4

PURGE RATE: 0.35 GPM

DATE PURGED: 12-19-97

PURGE METHOD: BAILER - DISPOSABLE

DATE & TIME SAMPLED: 17:43 / 12-19-97

SAMPLING METHOD: BAILER - DISPOSABLE

SAMPLE TYPE: ✓ GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 5

FIELD TECH: K. BC

WEATHER CONDITIONS: ~~Good~~ OVERCAST/COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°f)	TURBIDITY (ntu)
14:26	0.0	3.3	6.76	20.2	Milky
14:31	1.5	26.3	6.30	21.4	Clear
14:35	3.0	24.0	6.28	21.9	Clear
14:39	4.5	29.7	6.23	21.3	Clear
14:43	6.0	29.8	6.21	21.4	Clear

NOTES:

JOB #: 70-97023.00.300

SAMPLING DATA SHEET

JOB LOCATION: 5050 COLESEUM WAY OAKLAND, CA

SAMPLING LOCATION: LF-5

DEPTH TO WATER: 5[illegible],20

WELL BOTTOM DEPTH: 21,01

WELL CASING VOLUME: 2,05

CASING VOLUMES PURGED: 4

PURGE RATE: 0,42 GPM

DATE PURGED: 12/11/97

PURGE METHOD: DISPOSABLE BAILER

DATE & TIME SAMPLED: 12/11/97 1630

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 5

FIELD TECH: MBM

WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1601	0 gr	12,78	6,13	20,0	CLR
1605	1 2 gr	17,18	6,07	21,9	11
1609	2 2 gr	18,19	6,11	22,4	11
1616	3 2 gr	13,72	6,26	22,5	11
1620	4 2 gr	14,92	6,23	22,4	11

NOTES:

JOB #: 97203.00.300

SAMPLING DATA SHEET

JOB LOCATION: COLISEUM WAY

SAMPLING LOCATION: MW-8

DEPTH TO WATER: 5.52

WELL BOTTOM DEPTH: 14.58

WELL CASING VOLUME: 5.9 g / 2.8

CASING VOLUMES PURGED:

PURGE RATE: 1.7 GPM

DATE PURGED: 12/19/97

PURGE METHOD: PUMP

DATE & TIME SAMPLED: 1722

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: ✓ GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCL

OF CONTAINERS: 5

FIELD TECH: MRM

WEATHER CONDITIONS: SUNNY/WARM

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
~~1357~~	0	2,37	7,26	25,0	YEL
1401	1 6g	2,29	7,24	25,0	CLR
1404	2 6g	2,26	7,16	25,0	11
1407	3 5g	2,27	7,19	25,0	11
	4 PUMPED DRY				
	5				

NOTES: ODOR/SHEEN

JOB #: 70-9703.00-300

SAMPLING DATA SHEET

JOB LOCATION: 5050 COLESIUM WAY OAKLAND

SAMPLING LOCATION: LF-11

DEPTH TO WATER: 3.10

WELL BOTTOM DEPTH: 20.00

WELL CASING VOLUME: 13.00

CASING VOLUMES PURGED: 1.7

PURGE RATE: 1.5 GPM

DATE PURGED: 12/19/97

PURGE METHOD: SUBMERSIBLE PUMP

DATE & TIME SAMPLED: 1810 12/19/97

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 5

FIELD TECH: MRM

WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1618	0	33.9	4.12	25.0	BRN
1625	1 13.0 gal	16.15	4.33	25.0	TRACE BLK
1633	2 9 gal	34.4	3.91	25.0	CL
	3 PUMPED DRY				
	4				
	5				

NOTES: SHEEN?

8.7
x 4
[illegible]
5.8

JOB # 90-90023 00 300

SAMPLING DATA SHEET

JOB LOCATION: 5050 Coliseum Way

DATE PURGED: 12/19/97

PURGE METHOD: BAILER/PVC

DATE & TIME SAMPLED: 18:24 / 12-19-97

SAMPLING LOCATION: LF-12

SAMPLING METHOD: DISPOSABLE BAILER

DEPTH TO WATER: 5.94

SAMPLE TYPE: ✓ GRAB ___ COMPOSITE

WELL BOTTOM DEPTH: 14.67

PRESERVATIVES: ICE + HCl

WELL CASING VOLUME: 5.8

OF CONTAINERS: 5

CASING VOLUMES PURGED: 2.2 ~~[illegible]~~

FIELD TECH: [illegible]

PURGE RATE: 0.6 ~~[illegible]~~ GPM

WEATHER CONDITIONS: SUNNY / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°C)	TURBIDITY (ntu)
16:52	0.0	120.1	4.71	18.0	Clear
16:56	6.0	124.8	4.53	17.4	Milky
17:00	12.0	129.3	4.49	17.8	Milky
~~17:04~~	~~6.0~~ BAILED DRY	ALLOWED TO RECHARGE			
~~17:08~~	~~24.0~~				
	SAMPLED AT 18:24				

NOTES:

JOB #: 97023.00.300

SAMPLING DATA SHEET

JOB LOCATION: COLESTIUM

SAMPLING LOCATION: LF#13

DEPTH TO WATER: 3.67

WELL BOTTOM DEPTH: 14.58

WELL CASING VOLUME: 7.1 g

CASING VOLUMES PURGED: 2.4

PURGE RATE: 1.6 GPM

DATE PURGED: 12/19/97

PURGE METHOD: PUMP - SUBMERSIBLE

DATE & TIME SAMPLED: 1735 12/19/97

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 5

FIELD TECH: MRM

WEATHER CONDITIONS: ~~SUNNY/WARM~~ OVERCAST/COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°F) C	TURBIDITY (ntu)
1437	0	2.69	7.47	24.0	BLK FROM DISCOL
1441	1 7.1 g	2.06	7.43	25.0	CLR
1444	2 7.1 g	3.10	7.55	25.0	TRANSLUCENT BLK
1448	3 3.1 g	2.92	7.58	25.0	11
	4 ~~BAILER~~ PUMPED DRY				
	5				

NOTES: SHEEN

JOB #: 70-97203.00.3C8

SAMPLING DATA SHEET

JOB LOCATION: 5050 COLESIUM WAY
OAKLAND

SAMPLING LOCATION: 2F-14

DEPTH TO WATER: 7.04

WELL BOTTOM DEPTH: 25.00

WELL CASING VOLUME: 3.00

CASING VOLUMES PURGED: MINIMUM 4

PURGE RATE: 0.33 GPM

5
15
10
114
130
294

DATE PURGED: 12/19/97

PURGE METHOD: DISPOSABLE BAILER

DATE & TIME SAMPLED: 1725 12/19/97

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: HCl + ICE

OF CONTAINERS: 5

FIELD TECH: [redacted] WC

WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°f)	TURBIDITY (ntu)
15:08	0.0	89.3	5.09	19.4	Clear
15:20	3.0	106.4	4.69	18.8	Milky
15:25	6.0	105.0	4.72	18.5	Turbid
15:36	9.0	105.4	4.71	18.3	Turbid
15:44	12.0	110.3	4.61	19.1	Turbid

NOTES:

JOB #: 70-97023.00,500

SAMPLING DATA SHEET

JOB LOCATION: 5050 COLESIUM WAY OAKLAND

SAMPLING LOCATION: LF-16

DEPTH TO WATER: 8.20

WELL BOTTOM DEPTH: 24.42

WELL CASING VOLUME: 2.6

CASING VOLUMES PURGED: 2.8

PURGE RATE: 0.49 GPM

DATE PURGED: 12/19/97

PURGE METHOD: SUBMERSIBLE PUMP

DATE & TIME SAMPLED: 1750 12/19/97

SAMPLING METHOD: DISPOSABLE BAILER

SAMPLE TYPE: X GRAB ___ COMPOSITE

PRESERVATIVES: ICE + HCl

OF CONTAINERS: 3

FIELD TECH: MRM

WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°C)	TURBIDITY (ntu)
1527	0	11,07	4,95	25,0	CLR
1531	1 2,7g	11,99	4,76	25,0	"
1537	2 2,7g	12,93	4,63	25,0	SLT GRY
1542	3 2,0g	13,27	4,64	25,0	GRY
	4				
	5				

NOTES:

12 | 225
120
105

JOB #: [illegible]

SAMPLING DATA SHEET

JOB LOCATION: 5050 COLESIUM WAY
OAKLAND

DATE PURGED: 12-19-97
PURGE METHOD: BAILER - DISPOSABLE
DATE & TIME SAMPLED: 1745 12/19/97

SAMPLING LOCATION: MW-3
DEPTH TO WATER: 5.03
WELL BOTTOM DEPTH: 27.19
WELL CASING VOLUME: 3.5
CASING VOLUMES PURGED: 4
PURGE RATE: 0.7 GPM

SAMPLING METHOD: DISPOSABLE BAILER
SAMPLE TYPE: ✓ GRAB ___ COMPOSITE
PRESERVATIVES: ICE + HCl
OF CONTAINERS: 5
FIELD TECH: WBC / MRM
WEATHER CONDITIONS: OVERCAST / COOL

TIME (24 hr)	VOLUME REMOVED (gal)	ELECTRICAL CONDUCTIVITY (µmhos/cm)	PH	TEMPERATURE (°f)	TURBIDITY (ntu)
16:12	0.0	123.7	4.35	18.0	Clear
16:18	3.5	136.0	4.08	16.8	Clear
16:25	7.0	138.4	4.01	16.1	Milky
16:33	10.5	141.1	3.94	16.8	Turbid
16:42	14.0	143.0	3.95	16.8	Turbid

NOTES:

APPENDIX B

ANALYTICAL REPORTS

San Francisco Regional Office

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
Fax (510) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

January 08, 1998

Mr. Marc Mullaney
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
1252 Quarry Lane
Pleasanton, CA 94566

Client Reference: COLISEUM WAY
Clayton Project No.: SF9712544

Dear Mr. Mullaney:

Attached is our analytical laboratory report for the samples received on December 22, 1997. Also enclosed is a copy of the Chain-of-Custody record acknowledging receipt of these samples.

Please note that any unused portion of the samples will be discarded 30 days from the date of this letter, unless you have requested otherwise.

We appreciate the opportunity to assist you. If you have questions regarding this report, please contact Client Services at (510) 426-2657.

Sincerely,

for

Andrew C. Bradeen
Director, Laboratory Services
San Francisco Regional Office

ACB/las

Attachments

California DHS ELAP Certification Number 1196

QUALITY CONTROL NARRATIVE
for
Clayton Environmental Consultants
Client Reference: Coliseum Way
Clayton Project No. SF9712544

Sample Information/Problems:

There were no problems encountered with sample receipt.

Analytical Information/Problems:

The TPH Diesel reporting limits are elevated for samples LF-2, LF-13, LF-3, LF-14, LF-16, MW-5, & LF-12 due to the presence of unknown hydrocarbons.

The EPA Method 8015 Modified (extractables) reporting limits are elevated for samples LF-8, LF-13, & LF-11 due to dilution necessary for quantitation.

The TPH Diesel & TPH Oil reporting limits are elevated for sample LF-8 due to the presence of unknown hydrocarbons.

The TPH Diesel reporting limit is elevated for sample LF-11 due to the presence of heavier hydrocarbons.

Please note that for samples LF-2, LF-13, LF-3, LF-14, MW-5 & LF-12, the hydrocarbon pattern does not match our typical motor oil standard.

The gasoline result for sample LF-14 appears to be weathered gasoline. The gasoline result for sample LF-8 does not match a typical gasoline pattern.

Total Extractable Hydrocarbons = Extractable hydrocarbons from C10 to C42 quantitated as diesel.

TPH Diesel = Extractable hydrocarbons from C10 to C24 quantitated as diesel.

TPH Oil = Extractable hydrocarbons from C20 to C42 quantitated as oil.

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-2	Project ID:	SF9712544
Sample Number:	SF9712544-1	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	ND	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	0.5	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	0.7	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	112	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-2	Project ID:	SF9712544
Sample Number:	SF9712544-1	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	900
TPH Oil		1000	ug/L	200
Total Extractable Hydrocarbons		1400	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	84	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-8	Project ID:	SF9712544
Sample Number:	SF9712544-2	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	1.9	ug/L	0.4
Ethylbenzene	100-41-4	2.2	ug/L	0.3
TPH Gasoline	--	220	ug/L	50
Toluene	108-88-3	0.8	ug/L	0.3
o-Xylene	95-47-6	2.8	ug/L	0.4
m,p-Xylenes	108-38-3	0.5	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	118	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-8	Project ID:	SF9712544
Sample Number:	SF9712544-2	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	4000
TPH Oil		ND	ug/L	3000
Total Extractable Hydrocarbons		4600	ug/L	300
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	107	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-13	Project ID:	SF9712544
Sample Number:	SF9712544-3	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	ND	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	ND	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	105	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-13	Project ID:	SF9712544
Sample Number:	SF9712544-3	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	3000
TPH Oil		4000	ug/L	1000
Total Extractable Hydrocarbons		5400	ug/L	300
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	116	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-3	Project ID:	SF9712544
Sample Number:	SF9712544-4	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	ND	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	ND	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	109	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-3	Project ID:	SF9712544
Sample Number:	SF9712544-4	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	500
TPH Oil		1200	ug/L	200
Total Extractable Hydrocarbons		1400	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	84	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-14	Project ID:	SF9712544
Sample Number:	SF9712544-5	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	1.	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	1200	ug/L	50
Toluene	108-88-3	0.3	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	116	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-14	Project ID:	SF9712544
Sample Number:	SF9712544-5	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	900
TPH Oil		800	ug/L	200
Total Extractable Hydrocarbons		1300	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	92	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-16	Project ID:	SF9712544
Sample Number:	SF9712544-6	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	0.8	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	0.3	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	117	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-16	Project ID:	SF9712544
Sample Number:	SF9712544-6	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	200
TPH Oil		300	ug/L	200
Total Extractable Hydrocarbons		410	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	101	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-11	Project ID:	SF9712544
Sample Number:	SF9712544-7	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	0.4	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	0.4	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	116	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-11	Project ID:	SF9712544
Sample Number:	SF9712544-7	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/24/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	2000
TPH Oil		9000	ug/L	2000
Total Extractable Hydrocarbons		9500	ug/L	500
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	112	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	MW-3	Project ID:	SF9712544
Sample Number:	SF9712544-8	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	0.9	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	0.8	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	0.5	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	108	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	MW-3	Project ID:	SF9712544
Sample Number:	SF9712544-8	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	300
TPH Oil		500	ug/L	200
Total Extractable Hydrocarbons		660	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	107	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-12	Project ID:	SF9712544
Sample Number:	SF9712544-9	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	12/31/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	0.5	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	0.4	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	122	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-12	Project ID:	SF9712544
Sample Number:	SF9712544-9	Date Sampled:	12/19/97
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	100
TPH Oil		200	ug/L	200
Total Extractable Hydrocarbons		250	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	103	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	METHOD BLANK	Project ID:	SF9712544
Sample Number:	SF9712544-10	Date Sampled:	
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	5030	Date Prepared:	12/31/97
Analytical Method:	8015/8020	Date Analyzed:	01/01/98

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	ND	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	ND	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	123	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	METHOD BLANK	Project ID:	SF9712544
Sample Number:	SF9712544-10	Date Sampled:	
Sample Matrix:	Aqueous	Date Received:	12/22/97
Prep Method:	3510	Date Prepared:	12/23/97
Analytical Method:	8015M	Date Analyzed:	12/23/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	50
TPH Oil		ND	ug/L	200
Total Extractable Hydrocarbons		ND	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	103	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-2
Sample Number: SF9712544-1
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	0.02	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	0.08	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	0.04	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	0.05	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	0.43	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-8
Sample Number: SF9712544-2
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	1.5	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	0.06	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	0.04	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	0.03	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-13
Sample Number: SF9712544-3
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	0.77	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	70.	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	0.03	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	0.06	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	<0.02	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	0.05	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	0.10	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-3
Sample Number: SF9712544-4
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	3.2	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	0.06	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	0.10	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	0.02	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	0.11	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	0.05	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	7.3	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-14
Sample Number: SF9712544-5
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	0.11	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	0.093	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	0.34	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	0.82	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	0.72	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	0.0006	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	1.9	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	240	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-16
Sample Number: SF9712544-6
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	0.019	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	5.6	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	3.4	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	15.	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	9.0	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	0.05	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	2200	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-11
Sample Number: SF9712544-7
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	0.16	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	0.062	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	72.	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	3.6	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	3.2	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	13.	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	31000	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: MW-3
Sample Number: SF9712544-8
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	0.77	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	1.0	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	0.68	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	3.0	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	1000	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-12
Sample Number: SF9712544-9
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled: 12/19/97
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	0.014	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	2.4	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	1.6	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	1.5	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	4.4	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	0.02	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	2600	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: METHOD BLANK
Sample Number: SF9712544-10
Sample Matrix: Aqueous

Project Id: SF9712544
Date Sampled:
Date Received: 12/22/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Arsenic	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Barium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Cobalt	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/22/97	12/22/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Nickel	<0.02	0.02	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7
Dissolved Zinc	<0.01	0.01	mg/L	12/23/97	12/29/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton
ENVIRONMENTAL
CONSULTANTS

REQUEST FOR LABORATORY ANALYTICAL SERVICES

COLISEUM WAY

IMPORTANT
Date Results Requested: 10 DAY
Rush Charges Authorized? ☐ Yes ☒ No
☐ Phone or ☐ Fax Results

For Clayton Use Only
Clayton Lab Project No.
9712544

REPORT RESULTS TO			SEND INVOICE TO	
Name MARC MULLANEY	Client Job No.		Purchase Order No.	
Company	Dept.		Name	
Mailing Address			Company	Dept.
City, State, Zip			Address	
Telephone No.	FAX No.		City, State, Zip	

Special Instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)

* Explanation of Preservative:

Samples are:
(check if applicable)
☐ Drinking Water
☒ Groundwater
☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	FILTER METALS	CHM-7	TPHG/BTEX	TPHD	TPH-MOTOR OIL	FOR LAB USE ONLY
LF-2	12/19/97				5						-1
LF-8											-2
LF-13											-3
LF-3											-4
LF-14											-5
LF-16											-6
LF-11											-7
MW-5											-8
LF-12											-9

preserved upon receipt
preserved upon receipt
preserved upon receipt

CHAIN OF CUSTODY

Collected by: MARC MULLANEY (print)		Collector's Signature: Marc Mullaney	
Relinquished by: Marc Mullaney	Date/Time 12/19/97 1715	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Method of Shipment:		Received at Lab by: Carol Hammerberg	Date/Time 12/22/97 8:00
Authorized by: _____ (Client Signature **MUST** Accompany Request)	Date _____	Sample Condition Upon Receipt: ☐ Acceptable	☐ Other (explain)

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
400 Chastain Center Blvd., N.W., Suite 490
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

San Francisco Regional Lab
1252 Quarry Lane
Pleasanton, CA 94566
(800) 294-1755
(510) 426-2657
FAX (510) 426-0106

Seattle Regional Lab
4636 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

San Francisco Regional Office

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
Fax (510) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

December 29, 1997

Mr. Marc Mullaney
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
1252 Quarry Lane
Pleasanton, CA 94566

Client Reference: 97203.00-300
Clayton Project No.: SF9712526

Dear Mr. Mullaney:

Attached is our analytical laboratory report for the samples received on December 11, 1997. Also enclosed is a copy of the Chain-of-Custody record acknowledging receipt of these samples.

The TPH Diesel reporting limits are elevated for samples CW-1, CW-2, CW-5, LF-1, & LF-5 due to the presence of unknown hydrocarbons. The TPH Diesel & TPH Oil reporting limits are elevated for samples CW-3 & CW-4 due to the presence of unknown hydrocarbons. The TPH Diesel, Total Extractable Hydrocarbons, TPH Oil, & EPA Method 8015/8020 reporting limits are elevated for samples CW-3 & CW-4 due to dilution necessary for quantitation. The EPA Method 8015 Modifed (extractables) surrogate recoveries are diluted out for samples CW-3 & CW-4.

Please note that any unused portion of the samples will be discarded 30 days from the date of this letter, unless you have requested otherwise.

We appreciate the opportunity to assist you. If you have questions regarding this report, please contact Client Services at (510) 426-2657.

Sincerely,

Andrew C. Bradeen
Director, Laboratory Services
San Francisco Regional Office

ACB/caa

Attachments

California DHS ELAP Certification Number 1196

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-1	Project ID:	SF9712526
Sample Number:	SF9712526-1	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	5030	Date Prepared:	12/23/97
Analytical Method:	8015/8020	Date Analyzed:	12/24/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	ND	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	ND	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	99	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-1	Project ID:	SF9712526
Sample Number:	SF9712526-1	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	3510	Date Prepared:	12/16/97
Analytical Method:	8015M	Date Analyzed:	12/17/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	200
TPH Oil		400	ug/L	200
Total Extractable Hydrocarbons		550	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	99	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-2	Project ID:	SF9712526
Sample Number:	SF9712526-2	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	5030	Date Prepared:	12/23/97
Analytical Method:	8015/8020	Date Analyzed:	12/24/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	0.8	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	ND	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	101	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-2	Project ID:	SF9712526
Sample Number:	SF9712526-2	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	3510	Date Prepared:	12/16/97
Analytical Method:	8015M	Date Analyzed:	12/17/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	300
TPH Oil		800	ug/L	200
Total Extractable Hydrocarbons		1100	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	94	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-3	Project ID:	SF9712526
Sample Number:	SF9712526-3	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	5030	Date Prepared:	12/23/97
Analytical Method:	8015/8020	Date Analyzed:	12/24/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	87.	ug/L	4.0
Ethylbenzene	100-41-4	140	ug/L	3.0
TPH Gasoline	--	18000	ug/L	500
Toluene	108-88-3	180	ug/L	3.0
o-Xylene	95-47-6	170	ug/L	4.0
m,p-Xylenes	108-38-3	230	ug/L	4.0
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	99	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-3	Project ID:	SF9712526
Sample Number:	SF9712526-3	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	3510	Date Prepared:	12/16/97
Analytical Method:	8015M	Date Analyzed:	12/18/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	70000
TPH Oil		ND	ug/L	30000
Total Extractable Hydrocarbons		78000	ug/L	300
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	D	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-4	Project ID:	SF9712526
Sample Number:	SF9712526-4	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	5030	Date Prepared:	12/23/97
Analytical Method:	8015/8020	Date Analyzed:	12/24/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	87.	ug/L	4.0
Ethylbenzene	100-41-4	190	ug/L	3.0
TPH Gasoline	--	11000	ug/L	500
Toluene	108-88-3	66.	ug/L	3.0
o-Xylene	95-47-6	190	ug/L	4.0
m,p-Xylenes	108-38-3	320	ug/L	4.0
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	100	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-4	Project ID:	SF9712526
Sample Number:	SF9712526-4	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	3510	Date Prepared:	12/16/97
Analytical Method:	8015M	Date Analyzed:	12/18/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	50000
TPH Oil		ND	ug/L	20000
Total Extractable Hydrocarbons		50000	ug/L	300
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	D	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-5	Project ID:	SF9712526
Sample Number:	SF9712526-5	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	5030	Date Prepared:	12/23/97
Analytical Method:	8015/8020	Date Analyzed:	12/24/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	4.9	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	ND	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	92	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	CW-5	Project ID:	SF9712526
Sample Number:	SF9712526-5	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	3510	Date Prepared:	12/16/97
Analytical Method:	8015M	Date Analyzed:	12/18/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	1000
TPH Oil		ND	ug/L	200
Total Extractable Hydrocarbons		1000	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	97	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-1	Project ID:	SF9712526
Sample Number:	SF9712526-6	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	5030	Date Prepared:	12/23/97
Analytical Method:	8015/8020	Date Analyzed:	12/24/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	1.1	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	ND	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	91	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-1	Project ID:	SF9712526
Sample Number:	SF9712526-6	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	3510	Date Prepared:	12/16/97
Analytical Method:	8015M	Date Analyzed:	12/18/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	600
TPH Oil		500	ug/L	200
Total Extractable Hydrocarbons		860	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	100	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-5	Project ID:	SF9712526
Sample Number:	SF9712526-7	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	5030	Date Prepared:	12/23/97
Analytical Method:	8015/8020	Date Analyzed:	12/24/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	ND	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	0.3	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	99	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	LF-5	Project ID:	SF9712526
Sample Number:	SF9712526-7	Date Sampled:	12/11/97
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	3510	Date Prepared:	12/16/97
Analytical Method:	8015M	Date Analyzed:	12/18/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	200
TPH Oil		400	ug/L	200
Total Extractable Hydrocarbons		430	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	105	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	METHOD BLANK	Project ID:	SF9712526
Sample Number:	SF9712526-8	Date Sampled:	
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	5030	Date Prepared:	12/23/97
Analytical Method:	8015/8020	Date Analyzed:	12/23/97

BTEX & TPH-Gasoline

Analyte	CAS Number	Results	Units	RL
BTEX & TPH-Gasoline				
Benzene	71-43-2	ND	ug/L	0.4
Ethylbenzene	100-41-4	ND	ug/L	0.3
TPH Gasoline	--	ND	ug/L	50
Toluene	108-88-3	ND	ug/L	0.3
o-Xylene	95-47-6	ND	ug/L	0.4
m,p-Xylenes	108-38-3	ND	ug/L	0.4
Surrogates		Recovery		QC Limits
a,a,a-Trifluorotoluene	98-08-8	97	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

CLAYTON ENVIRONMENTAL CONSULTANTS
Analytical Report
for
Clayton Environmental Consultants, Inc.

Sample Name:	METHOD BLANK	Project ID:	SF9712526
Sample Number:	SF9712526-8	Date Sampled:	
Sample Matrix:	Aqueous	Date Received:	12/11/97
Prep Method:	3510	Date Prepared:	12/16/97
Analytical Method:	8015M	Date Analyzed:	12/17/97

Total Extractable Hydrocarbons

Analyte	CAS Number	Results	Units	RL
Total Extractable Hydrocarbons				
TPH Diesel		ND	ug/L	50
TPH Oil		ND	ug/L	200
Total Extractable Hydrocarbons		ND	ug/L	50
Surrogates		Recovery		QC Limits
p-Terphenyl	92-94-4	113	%	50 - 150

ND: Not detected at or above reporting limit
--: Information not available or not applicable

RL : Reporting limit

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: CW-1
Sample Number: SF9712526-1
Sample Matrix: Aqueous

Project Id: SF9712526
Date Sampled: 12/11/97
Date Received: 12/11/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Arsenic	0.56	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Barium	70.	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cobalt	0.06	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/12/97	12/12/97	245.2	245.2
Dissolved Molybdenum	0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Nickel	<0.02	0.02	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Vanadium	0.04	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Zinc	1.3	0.01	mg/L	12/22/97	12/23/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: CW-2
Sample Number: SF9712526-2
Sample Matrix: Aqueous

Project Id: SF9712526
Date Sampled: 12/11/97
Date Received: 12/11/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Arsenic	3.6	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Barium	150	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cobalt	0.14	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/12/97	12/12/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Nickel	<0.02	0.02	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Zinc	0.05	0.01	mg/L	12/22/97	12/23/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

MISMARKED DO

Sample Name: (CW-3) CW-5
Sample Number: SF9712526-3
Sample Matrix: Aqueous

Project Id: SF9712526
Date Sampled: 12/11/97
Date Received: 12/11/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Arsenic	0.45	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Barium	25.	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cobalt	0.02	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/12/97	12/12/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Nickel	<0.02	0.02	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Zinc	0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: CW-4
Sample Number: SF9712526-4
Sample Matrix: Aqueous

Project Id: SF9712526
Date Sampled: 12/11/97
Date Received: 12/11/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Arsenic	0.30	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Barium	2.1	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cobalt	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/12/97	12/12/97	245.2	245.2
Dissolved Molybdenum	0.07	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Nickel	<0.02	0.02	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Vanadium	0.03	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Zinc	0.03	0.01	mg/L	12/22/97	12/23/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

MS MARKED ND

Sample Name: (CW-5) CW-3
Sample Number: SF9712526-5
Sample Matrix: Aqueous

Project Id: SF9712526
Date Sampled: 12/11/97
Date Received: 12/11/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Arsenic	10.	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Barium	1400	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cobalt	1.2	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/12/97	12/12/97	245.2	245.2
Dissolved Molybdenum	0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Nickel	<0.02	0.02	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Vanadium	0.03	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Zinc	0.03	0.01	mg/L	12/22/97	12/23/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-1
Sample Number: SF9712526-6
Sample Matrix: Aqueous

Project Id: SF9712526
Date Sampled: 12/11/97
Date Received: 12/11/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Arsenic	1.1	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Barium	0.32	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Beryllium	0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cadmium	4.9	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cobalt	0.59	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Copper	0.06	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Lead	0.41	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/12/97	12/12/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Nickel	1.6	0.02	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Vanadium	0.04	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Zinc	3700	0.01	mg/L	12/22/97	12/23/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: LF-5
Sample Number: SF9712526-7
Sample Matrix: Aqueous

Project Id: SF9712526
Date Sampled: 12/11/97
Date Received: 12/11/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Arsenic	0.06	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Barium	0.21	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cadmium	0.24	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cobalt	1.1	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/12/97	12/12/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Nickel	3.2	0.02	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Zinc	44.	0.01	mg/L	12/22/97	12/23/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton Environmental Consultants
Analytical Results
for
Clayton Environmental Consultants, Inc.

Sample Name: METHOD BLANK
Sample Number: SF9712526-8
Sample Matrix: Aqueous

Project Id: SF9712526
Date Sampled:
Date Received: 12/11/97

Analyte	Result	Reporting Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Dissolved Antimony	<0.03	0.03	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Arsenic	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Barium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Beryllium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cadmium	<0.005	0.005	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Chromium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Cobalt	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Copper	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Lead	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Mercury	<0.0005	0.0005	mg/L	12/12/97	12/12/97	245.2	245.2
Dissolved Molybdenum	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Nickel	<0.02	0.02	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Selenium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Silver	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Thallium	<0.05	0.05	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Vanadium	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7
Dissolved Zinc	<0.01	0.01	mg/L	12/22/97	12/23/97	200.7	200.7

ND: Not detected at or above reporting limit
--: Information not available or not applicable

Clayton ENVIRONMENTAL CONSULTANTS

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 10 DAY
Rush Charges Authorized? ☐ Yes ☒ No
☐ Phone or ☐ Fax Results

For Clayton Use Only
Clayton Lab Project No.
9712526

COLESTUM INN

REPORT RESULTS TO
Name: MARC MULLANEY | Client Job No.: 97203.00-300 | Purchase Order No.:
Company: | Dept.:
Mailing Address:
City, State, Zip:
Telephone No.: | FAX No.:

SEND INVOICE TO
Name:
Company: | Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)

* Explanation of Preservative:

Samples are: (check if applicable)
☐ Drinking Water
☒ Groundwater
☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	FILTER METALS	CHM-17	BTEX/MTBE	TPH-DIESEL	TPH-MOTOR OIL						FOR LAB USE ONLY
CW-1	12/11/97			2x40ml 2x1L gl	5	X	X	X	X	X						01
CW-2	↓			1x500ml	↓	X	X	X	X	X						02
CW-3						X	X	X	X	X						03
CW-4						X	X	X	X	X						04
CW-5						X	X	X	X	X						05
LF-1	↓		↓	↓	↓	X	X	X	X	X						06
LF-5						X	X	X	X	X						07

CHAIN OF CUSTODY

Collected by: MARC MULLANEY (print) | Collector's Signature: Marc Mullaney
Relinquished by: Marc Mullaney | Date/Time 12/11/97 17:00 | Received by: | Date/Time
Relinquished by: | Date/Time | Received by: | Date/Time
Method of Shipment: | Received at Lab by: Carol Hammerberg | Date/Time 12/11/97 5:50
Authorized by: _____ Date _____ (Client Signature **MUST** Accompany Request) | Sample Condition Upon Receipt: ☒ Acceptable ☐ Other (explain)

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
400 Chastain Center Blvd., N.W., Suite 490
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

San Francisco Regional Lab
1252 Quarry Lane
Pleasanton, CA 94566
(800) 294-1755
(510) 426-2657
FAX (510) 426-0106

Seattle Regional Lab
4636 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

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