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July 31, 2001

AUG 1 0 2001

Ms. Betty Graham  
REGIONAL WATER QUALITY CONTROL BOARD  
1515 Clay Street, Suite 1400  
Oakland, California 94612

Clayton Project No. 70-00509.00  
#584

Subject: Second Quarter 2001 Groundwater Monitoring Report at 5050, 5051, and  
5200 Coliseum Way and 750-50<sup>th</sup> Avenue, Oakland, California.  
SLIC No. 01S0422 (BG)

Dear Ms. Graham:

Enclosed please find Clayton Group Services, Inc.'s (Clayton's) report for the Second Quarter 2001 Groundwater Monitoring Report at 5050, 5051, and 5200 Coliseum Way and 750-50<sup>th</sup> Avenue, Oakland, California. This report presents the results of Clayton's quarterly monitoring conducted in June 2001 at the subject property.

Clayton, under penalty of perjury as an authorized representative of Oakland 5051, LLC, presents this report as true and correct to the best of our knowledge. If you have any questions or comments, please call me at (925) 426-2686.

Sincerely,

A handwritten signature in black ink, appearing to read "Dwight R. Hoenig".

Dwight R. Hoenig  
Vice President, Western Regional Director  
Environmental Services  
San Francisco Regional Office

DRH/daa

cc: Matthew Robinson - Environmental Operations, Inc.  
Tim Colvig - Wulfsberg Reese & Sykes  
Barney Chan - Alameda County Health Care Services  
William Wick - Crosby, Heafey, Roach, and May

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**Second Quarter 2001  
Groundwater Monitoring Report  
at  
5050, 5051, and 5200 Coliseum Way, and  
750-50<sup>th</sup> Street  
Oakland, California**

**For  
5050 Coliseum, LLC, and  
Oakland 5051, LLC  
Clayton Project No. 70-00509.00.300**

**July 31, 2001**

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## 1.0 INTRODUCTION

Clayton Group Services, Inc. (Clayton), performed quarterly groundwater monitoring activities at the Coliseum Way Properties located at 5050, 5051, and 5200 Coliseum Way and 750-50<sup>th</sup> Avenue in Oakland, California (Figure 1 and Figure 2). The California Regional Water Quality Control Board - San Francisco Bay region (RWQCB), has requested that groundwater monitoring be performed at the subject properties to monitor the fate of petroleum hydrocarbons and metal ions.

The second quarter 2001 monitoring event included collecting depth to water measurements from 22 groundwater-monitoring wells and groundwater samples from 12 wells. Field measurements and groundwater monitoring well sampling were carried out on June 11, 2001. This report presents groundwater measurements recorded in the field and the results of laboratory analyses performed on groundwater samples collected for the second quarter 2001 monitoring event.

## 2.0 SITE SETTING

The 5050 and 5200 properties are located about 600 feet east of Interstate 880 and the 5051 property is located about 75 feet east of Interstate 880, in Oakland, California. The properties are bordered by stormwater drainage channels that flow into the San Leandro Bay, located approximately one-half mile to the west (Figure 1). The 5050 and 5200 properties encompass approximately 10 acres and the 5051 property is approximately 4.4 acres of relatively flat ground approximately 7 to 15 feet above mean sea level (amsl). Regionally, groundwater flows from the Oakland Hills west towards San Leandro Bay.

The subject properties and surrounding area have a long history of industrial usage. The 5050 property (which also includes the 750-50<sup>th</sup> Avenue property) is the location of former lead smelting operations (1879-1903), acids manufacturing (1903-1917), various chemical operations (1917-1926), lithopone manufacturing (1926-1963), vacant or razed property (1963-1974), and truck maintenance operations (1974 to the present). The 5051 property and the mini-storage facility at 5200 property were also part of the former lithopone manufacturing facility.

Tidally-influenced stormwater drainage channels border each of the subject properties (Figure 2). An open and unlined channel parallels the southeast property boundary of the 5051 and 5200 properties. Two subsurface culverts, the Courtland Creek Culvert and the Second Line G Culvert, parallel the northwest property boundaries of the 5050 property and the 750-50<sup>th</sup> Avenue property. The two culverts merge into an open concrete-lined channel south of the intersection of Coliseum Way and 50<sup>th</sup> Avenue. The drainage channel is open and concrete-lined along the northwestern perimeter of the 5051 property, and is open and unlined along the southwestern perimeter of the property, prior to flowing under Interstate 880.

### **3.0 FIELD ACTIVITIES**

The following discussion outlines field activities used to obtain depth to water measurements, monitoring well samples, and other field data. Groundwater samples were collected from 12 monitoring wells (CW-1, CW-2, CW-6, CW-7, CW-12, CW-13, LF-5, LF-11, LF-12, MWA-1, MW-4, and MW-5). The sampling schedule is presented in Table 1.

#### **3.1. DEPTH TO WATER MEASUREMENTS**

Depth to water measurements were obtained from 22 wells selected for monitoring of the Coliseum Way Properties on June 11, 2001 prior to well purging and sampling activities. The accessible wells were opened and allowed to stabilize prior to measuring the depth to water. Measurements were obtained in a timely manner in order to minimize tidal effects. The depth to water in each monitoring well was measured with a water level indicator meter from the top of the monitoring well casing to the free water surface. The depth to water measurement was used to determine the groundwater elevation at each monitoring well location, and also to determine the groundwater purge volume for each monitoring well. The depth to water measurements were recorded onto groundwater sampling data sheets (Appendix A) that was used to calculate the groundwater elevations presented in Table 2.

#### **3.2. MONITORING WELL SAMPLES**

The monitoring wells selected for sampling were purged of approximately four well casing volumes of groundwater until the water quality parameters pH, temperature, and specific conductivity had stabilized. A peristaltic pump with new tubing was used to collect a groundwater sample from each select monitoring well. Groundwater samples were collected in appropriate laboratory-supplied containers. The containers were sealed, labeled with identifying information, entered onto a formal chain-of-custody document, and placed in a chilled ice-chest for transportation to the laboratory. The water quality parameters were recorded on the groundwater sampling data sheets, which are presented in Appendix A.

### **4.0 LABORATORY ANALYSES**

Groundwater samples were collected from 12 monitoring wells and submitted to Curtis & Tompkins, Ltd. Analytical Laboratory located in Berkeley, California, a State of California certified laboratory, for analyses. The groundwater samples were analyzed by the following United States Environmental Protection Agency (USEPA) methods:

- EPA Methods 6010 and 7470 for California Assessment Manual (CAM-17) Total Metals, Laboratory Filtered and Preserved
- EPA Methods 160.1 for Total Dissolved Solids (TDS)
- EPA Method 8015 modified for Total Petroleum Hydrocarbons as Gasoline (TPH-G) MW-4, MWA-1, CW-2, CW-6, and CW-7 only.

- EPA Method 8020 for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) for MW-4, MWA-1, CW-2, CW-6, and CW-7 only.
- EPA Method 8015 modified for Total Petroleum Hydrocarbons as Diesel (TPH-D) and Motor Oil (TPH-O) for LF-11, MWA-1, CW-2, CW-6, and CW-7 only.

## 5.0 SITE HYDROLOGY

The groundwater elevation at each monitored well location was determined by subtracting the depth to water measured in each monitoring well from its surveyed top of casing elevation. The groundwater elevations in the 5050, 5051 and 5200 Coliseum Way monitoring well network ranged from a low of 1.59 feet below mean sea level (-1.59 feet bmsl) in monitoring well MW-4 to a high of 7.01 feet above msl (7.01 feet amsl) in monitoring well CW-4. The general property groundwater flow direction is to the west at a hydraulic gradient of 0.002 feet per foot (ft/ft) as measured between wells LF-11 and MW-5. The average groundwater elevation was approximately 0.93 feet lower than the average elevation recorded on March 27, 2001. The subject property groundwater flow direction has flow components to the southwest and south at the 5051 and 5200 properties, which is apparently a result of drainage to the surrounding ditches. A potentiometric surface map was prepared from the June 11, 2001 groundwater elevation data and is presented as Figure 2.

## 6.0 GROUNDWATER ANALYTICAL RESULTS

The sampling schedule and analytical program for this monitoring event is presented in Table 1. The following discussion presents a summary of the laboratory analytical results.

### 6.1. PETROLEUM HYDROCARBONS

Six groundwater samples were submitted for petroleum hydrocarbon analyses (CW-2, CW-6, CW-7, LF-11, MWA-1, and MW-4). TPH-G results were below the laboratory-reporting limit of 0.05 milligrams per liter (mg/L) for four samples (MW-4, CW-2, CW-6, and CW-7) of the five samples analyzed. Only sample MWA-1 had detectable TPH-G at a concentration of 0.5 mg/L. Only sample MWA-1 contained any detectable BTEX, which was found to contain only benzene at 0.00059 mg/L.

Five groundwater samples (LF-11, MWA-1, CW-2, CW-6, and CW-7) were analyzed for TPH-D and TPH-O. TPH-D was detected in all five samples at concentrations ranging from 0.066 mg/L (MWA-1) to 0.43 mg/L (CW-6). It was noted in the laboratory analytical data sheets that petroleum hydrocarbons as TPH-D detected in groundwater samples CW-2, CW-6, CW-7 and LF-11 did not match the laboratory diesel fuel pattern standard. No TPH-O concentrations were detected in any of the five samples analyzed. A summary of petroleum hydrocarbons detected in groundwater is presented in Table 3.

## 6.2. METALS

Twelve groundwater samples were submitted for metals analyses. Fourteen of the seventeen CAM 17 metal analytes were detected above laboratory reporting limits during this monitoring event. Antimony, mercury, and vanadium were the only metals not detected in one or more samples. The highest concentration and corresponding monitoring well location for each detected metal ion are listed below:

Arsenic	to 2.8 mg/L	(CW-2)
Barium	to 790 mg/L	(CW-2)
Beryllium	to 0.045 mg/L	(LF-11)
Cadmium	to 86 mg/L	(LF-11)
Chromium	to 0.024 mg/L	(LF-11)
Cobalt	to 4.1 mg/L	(LF-5)
Copper	to 2.7 mg/L	(LF-11)
Lead	to 0.71 mg/L	(MWA-1)
Molybdenum	to 0.021 mg/L	(CW-7)
Nickel	to 13 mg/L	(LF-11)
Selenium	to 0.1 mg/L	(LF-5)
Silver	to 0.0056 mg/L	(MW-4)
Thallium	to 0.43 mg/L	(LF-5)
Zinc	to 24,000 mg/L	(LF-11)

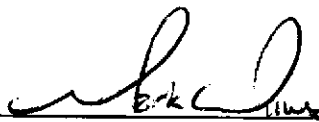
Total Dissolved Solids (TDS) ranged in concentration from 810 mg/L in monitoring well CW-7 to 89,800 mg/L in monitoring well LF-11. Field measurements of groundwater pH levels ranged from 4.16 in monitoring well LF-11 to 10.3 in monitoring well CW-7.

A summary of metals, total dissolved solids (TDS), and pH detected in groundwater is presented in Table 4. Isoconcentration maps for arsenic, barium, cadmium, and zinc in groundwater are presented in Figures 3, 4, 5, and 6, respectively.

## 7.0 LIMITATIONS

The information and opinions rendered in this report was prepared on behalf of 5050 Coliseum LLC and Oakland 5051 LLC. The information and opinions included in this report were given in response to a specific scope of work and should be considered and implemented only in light of that particular scope of work. The services provided by Clayton in completing this project have been provided in a manner consistent with the normal standards of the profession. No other warranty, expressed or implied, is made.


This report prepared by:



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Mark Williams  
Project Environmental Consultant

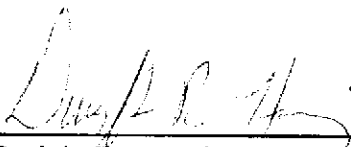
This report reviewed by:



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Donald A. Ashton, R.G., REA  
Senior Geologist

This report reviewed by:



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Dwight R. Hoenig  
Vice President, Western Regional Director  
Environmental Services  
San Francisco Regional Office

July 31, 2001

Clayton Project No. 70-00509.00



**TABLE 1**  
**Quarterly Monitoring/Sampling Schedule**  
**Coliseum Way Properties, Oakland, CA**  
**Clayton Project No. 70-00509.00.300**

SITE	WELL	TPH-g/BTEX	TPH-d/o	CAM-17	TDS	GW Elevation
5050	LF-2					1
	LF-5			1	1	1
	LF-6					1
	LF-11		1	1	1	1
	LF-12			1	1	1
	LF-13					1
	LF-17					1
	CW-13			1	1	1
5051	MWA-1	1	1	1	1	1
	MWA-2					1
	MWA-3					1
	MW-4	1		1	1	1
	MW-5			1	1	1
	CW-8					1
	CW-9					1
ACPWA-W	CW-10					1
	CW-12			1	1	1
5200	CW-1			1	1	1
	CW-2	1	1	1	1	1
	CW-4					1
ACPWA-E	CW-6	1	1	1	1	1
	CW-7	1	1	1	1	1
<b>TOTALS</b>	<b>22</b>	<b>5</b>	<b>5</b>	<b>12</b>	<b>12</b>	<b>22</b>

TPH-g/BTEX = Total Petroleum Hydrocarbons as Gasoline / Benzene, Toluene, Ethylbenzene, & Xylenes

TPH-d/o = Total Petroleum Hydrocarbons as Diesel and Motor Oil

CAM-17 = California Assessment Manual 17 Metals

TDS = Total Dissolved Solids

GW Elevation = Groundwater Elevation in Feet Above Mean Sea Level

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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
		23-Mar-98		3.98	5.86	1.37
		17-Jun-98		4.13	5.71	-0.15
		30-Sep-98		5.00	4.84	-0.87
		03-Dec-98		5.16	4.68	-0.16
		23-Feb-99		3.84	6.00	1.32
		26-May-99		4.34	5.50	-0.50
		15-Sep-99		5.14	4.70	-0.80
06-Dec-99		5.52	4.32	-0.38		
29-Mar-00		4.08	5.76	1.44		
14-Dec-00		5.64	4.20	-1.56		
27-Mar-01		4.56	5.28	1.08		
11-Jun-01		4.94	4.90	-0.38		

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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	
		23-Mar-98		4.72	3.31	0.48	
		17-Jun-98		5.29	2.74	-0.57	
		30-Sep-98		8.03	6.10	B 1.93	-0.81
		03-Dec-98			6.03	2.00	0.07
		23-Feb-99			4.43	3.60	1.60
		26-May-99			5.86	2.17	-1.43
		15-Sep-99			6.24	1.79	-0.38
		06-Dec-99			6.54	1.49	-0.30
		26-Mar-00			4.84	3.19	1.70
		14-Dec-00			6.08	1.95	-1.24
27-Mar-01			4.98	3.05	1.10		
11-Jun-01				5.45	2.58	-0.47	

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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
		23-Mar-98		4.10	7.49	1.61
		17-Jun-98		4.82	6.77	-0.72
		30-Sep-98		6.04	5.55	-1.22
		03-Dec-98		5.42	6.17	0.62
		23-Feb-99		4.63	6.96	0.79
		26-May-99		5.16	6.43	-0.53
15-Sep-99		6.21	5.38	-1.05		
06-Dec-99		6.48	5.11	-0.27		
29-Mar-00		4.86	6.73	1.62		
14-Dec-00		6.55	5.04	-1.69		
27-Mar-01		5.26	6.33	1.29		
11-Jun-01		5.88	5.71	-0.62		

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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-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		5.97	0.50	
		23-Mar-98		0.00		9.07	3.10	
		17-Jun-98		1.60		7.47	-1.60	
		30-Sep-98		8.96		3.16	5.80	-1.67
		03-Dec-98				4.44	4.52	-1.28
		23-Feb-99				2.57	6.39	1.87
		26-May-99				2.52	6.44	0.05
		15-Sep-99				3.50	5.46	-0.98
		06-Dec-99				4.18	4.78	-0.68
		29-Mar-00				2.16	6.80	2.02
		14-Dec-00				3.91	5.05	-1.75
		27-Mar-01				2.62	6.34	1.29
		11-Jun-01				2.06	6.90	0.56

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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
		23-Mar-98			5.15	3.55	0.82
		17-Jun-98			6.64	2.06	-1.49
		30-Sep-98			7.18	1.52	-0.54
		03-Dec-98			6.42	2.28	0.76
		23-Feb-99			5.80	2.90	0.62
		26-May-99			6.80	1.90	-1.00
		15-Sep-99			7.22	1.48	-0.42
06-Dec-99			7.36	1.34	-0.14		
29-Mar-00			6.08	2.62	1.28		
14-Dec-00			6.92	1.78	-0.84		
27-Mar-01			6.08	2.62	0.84		
11-Jun-01				6.51	2.19	-0.43	

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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-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
		23-Mar-98		2.21	7.54	1.46	
		17-Jun-98		2.52	7.23	-0.31	
		30-Sep-98		3.75	6.00	-1.23	
		03-Dec-98		3.98	5.77	-0.23	
		23-Feb-99		3.18	6.57	0.80	
		26-May-99		3.15	6.60	0.03	
		15-Sep-99		3.98	5.77	-0.83	
		06-Dec-99		4.76	4.99	-0.78	
29-Mar-00	2.88	6.87	1.88				
14-Dec-00	4.55	5.20	-1.67				
27-Mar-01	3.40	6.35	1.15				
11-Jun-01	2.78	6.97	0.62				

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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-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
		23-Mar-98		5.00	4.71	0.11
		17-Jun-98		5.36	4.35	-0.36
		30-Sep-98		6.00	3.71	-0.64
		03-Dec-98		4.60	5.11	1.40
		23-Feb-99		4.40	5.31	0.20
		26-May-99		5.42	4.29	-1.02
		15-Sep-99		6.09	3.62	-0.67
		06-Dec-99		5.74	3.97	0.35
		29-Mar-00		6.20	3.51	-0.46
		14-Dec-00		6.30	3.41	-0.10
27-Mar-01		6.14	3.57	0.16		
11-Jun-01		6.45	3.26	-0.31		



**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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)
5051	MWA-1	19-Dec-95 <sup>(1)</sup>	9.27	9.70	-0.43	
		19-Dec-95 <sup>(2)</sup>		9.64	-0.37	0.06
		10-Dec-96 <sup>(1)</sup>		9.27	0.00	0.37
		10-Dec-96 <sup>(2)</sup>		9.64	-0.37	-0.37
		13-Dec-96		9.25	0.02	0.39
		23-Mar-98		7.10	2.17	2.15
		17-Jun-98		8.64	0.63	-1.54
		30-Sep-98		10.09	-0.82	-1.45
		03-Dec-98		9.36	-0.09	0.73
		23-Feb-99		7.16	2.11	2.20
		26-May-99		9.08	0.19	-1.92
		15-Sep-99		10.59	-1.32	-1.51
		06-Dec-99		10.96	-1.69	-0.37
		29-Mar-00		8.91	0.36	2.05
		14-Dec-00		10.78	-1.51	-1.87
27-Mar-01	8.66	0.61	2.12			
11-Jun-01	9.73	-0.46	-1.07			
5051	MWA-2	19-Dec-95 <sup>(1)</sup>	7.79	3.95	3.84	
		19-Dec-95 <sup>(2)</sup>		3.95	3.84	0.00
		10-Dec-96 <sup>(1)</sup>		3.27	4.52	0.68
		10-Dec-96 <sup>(2)</sup>		6.20	1.59	-2.93
		13-Dec-96		6.00	1.79	0.20
		23-Mar-98		3.24	4.55	2.76
		17-Jun-98		4.22	3.57	-0.98
		30-Sep-98		6.78	1.01	-2.56
		03-Dec-98		5.69	2.10	1.09
		23-Feb-99		1.79	6.00	3.90
		26-May-99		4.95	2.84	-3.16
		15-Sep-99		6.76	1.03	-1.81
		06-Dec-99		6.98	0.81	-0.22
		29-Mar-00		3.56	4.23	3.42
		14-Dec-00		6.90	0.89	-3.34
27-Mar-01	4.16	3.63	2.74			
11-Jun-01	5.80	1.99	-1.64			

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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)
5051	MWA-3	19-Dec-95 <sup>(1)</sup>	10.50	8.23	2.27	
		19-Dec-95 <sup>(2)</sup>		8.22	2.28	
		10-Dec-96 <sup>(1)</sup>		7.67	2.83	
		10-Dec-96 <sup>(2)</sup>		8.19	2.31	
		13-Dec-96		7.94	2.56	0.25
		23-Mar-98		6.36	4.14	1.58
		17-Jun-98		7.56	2.94	-1.20
		30-Sep-98		8.93	1.57	-1.37
		03-Dec-98		8.70	1.80	0.23
		23-Feb-99		5.10	5.40	3.60
		26-May-99		7.59	2.91	-2.49
		15-Sep-99		9.07	1.43	-1.48
		06-Dec-99		10.84	-0.34	-1.77
		29-Mar-00		6.41	4.09	4.43
		14-Dec-00		9.48	1.02	-3.07
		27-Mar-01		5.88	4.62	3.60
11-Jun-01	8.25	2.25	-2.37			

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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)
5051	MW-4	19-Dec-95 <sup>(1)</sup>	10.27	9.95	0.32	
		19-Dec-95 <sup>(2)</sup>		11.45	-1.18	
		10-Dec-96 <sup>(1)</sup>		9.22	1.05	
		10-Dec-96 <sup>(2)</sup>		10.68	-0.41	
		13-Dec-96		10.00	0.27	0.68
		23-Mar-98		9.89	0.38	0.11
		17-Jun-98		10.62	-0.35	-0.73
		30-Sep-98		12.00	-1.73	-1.38
		03-Dec-98		11.05	-0.78	0.95
		23-Feb-99		10.15	0.12	0.90
		26-May-99		11.37	-1.10	-1.22
		15-Sep-99		12.59	-2.32	-1.22
		06-Dec-99		11.66	-1.39	0.93
		29-Mar-00		10.90	-0.63	0.76
		14-Dec-00		12.10	-1.83	-1.20
		27-Mar-01		11.38	-1.11	0.72
11-Jun-01	11.86	-1.59	-0.48			
5051	MW-5	19-Dec-95 <sup>(1)</sup>	9.45	8.51	0.94	
		19-Dec-95 <sup>(2)</sup>		8.49	0.96	0.02
		10-Dec-96 <sup>(1)</sup>		8.16	1.29	0.33
		10-Dec-96 <sup>(2)</sup>		8.62	0.83	-0.46
		13-Dec-96		8.50	0.95	0.12
		23-Mar-98		7.91	1.54	0.59
		17-Jun-98		8.28	1.17	-0.37
		30-Sep-98		8.70	0.75	-0.42
		03-Dec-98		8.87	0.58	-0.17
		23-Feb-99		7.71	1.74	1.16
		26-May-99		8.30	1.15	-0.59
		15-Sep-99		8.94	0.51	-0.64
		06-Dec-99		9.30	0.15	-0.36
		29-Mar-00		8.25	1.20	1.05
		12-Jan-01		8.50	0.95	-0.25
		27-Mar-01		8.10	1.35	0.40
11-Jun-01	8.70	0.75	-0.60			

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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	5.45	0.73
		23-Mar-98		7.55	6.56	1.11
		17-Jun-98		8.15	5.96	-0.60
		30-Sep-98		9.01	5.10	-0.86
		03-Dec-98		9.08	5.03	-0.07
		23-Feb-99		8.11	6.00	0.97
		26-May-99		8.37	5.74	-0.26
		15-Sep-99		9.20	4.91	-0.83
		06-Dec-99		9.38	4.73	-0.18
		29-Mar-00		8.91	5.20	0.47
		14-Dec-00		9.29	4.82	-0.38
		27-Mar-01		8.32	5.79	0.97
11-Jun-01	8.70	5.41	-0.38			
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
		23-Mar-98		7.79	7.09	1.51
		17-Jun-98		8.43	6.45	-0.64
		30-Sep-98		9.24	5.64	-0.81
		03-Dec-98		9.61	5.27	-0.37
		23-Feb-99		8.69	6.19	0.92
		26-May-99		8.70	6.18	-0.01
		15-Sep-99		9.48	5.40	-0.78
		06-Dec-99		9.88	5.00	-0.40
		29-Mar-00		8.34	6.54	1.54
		14-Dec-00		9.77	5.11	-1.43
		27-Mar-01		8.90	5.98	0.87
11-Jun-01	9.10	5.78	-0.20			

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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-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
		23-Mar-98		6.08		8.68	1.98
		17-Jun-98		6.98		7.78	-0.90
		30-Sep-98		7.90		6.86	-0.92
		03-Dec-98		8.25		6.51	-0.35
		23-Feb-99		6.92		7.84	1.33
		26-May-99		7.18		7.58	-0.26
		15-Sep-99		8.10		6.66	-0.92
		06-Dec-99		8.52		6.24	-0.42
		29-Mar-00		6.78		7.98	1.74
		14-Dec-00		8.51		6.25	-1.73
		27-Mar-01		7.38		7.38	1.13
11-Jun-01	7.75		7.01	-0.37			
5200	CW-6	30-Sep-98	13.20	8.97	B	4.23	
		03-Dec-98		8.74		4.46	0.23
		23-Feb-99		7.70		5.50	1.04
		26-May-99		8.19		5.01	-0.49
		15-Sep-99		9.12		4.08	-0.93
		06-Dec-99		9.32		3.88	-0.20
		29-Mar-00		7.73		5.47	1.59
		14-Dec-00		9.24		3.96	-1.51
		27-Mar-01		8.12		5.08	1.12
11-Jun-01	8.56		4.64	-0.44			
5200	CW-7	30-Sep-98	11.86	7.61	B	4.25	
		03-Dec-98		7.35		4.51	0.26
		23-Feb-99		6.43		5.43	0.92
		26-May-99		6.87		4.99	-0.44
		15-Sep-99		7.76		4.10	-0.89
		06-Dec-99		7.96		3.90	-0.20
		29-Mar-00		6.47		5.39	1.49
		14-Dec-00		7.82		4.04	-1.35
		27-Mar-01		6.84		5.02	0.98
11-Jun-01	7.20		4.66	-0.36			

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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-8	30-Sep-98	9.24	5.41	B	3.83	
		03-Dec-98		5.05		4.19	0.36
		23-Feb-99		4.18		5.06	0.87
		26-May-99		4.82		4.42	-0.64
		15-Sep-99		5.55		3.69	-0.73
		06-Dec-99		5.64		3.60	-0.09
		29-Mar-00		4.59		4.65	1.05
		14-Dec-00		5.59		3.65	-1.00
		27-Mar-01		4.62		4.62	0.97
		11-Jun-01		4.91		4.33	-0.29
5200	CW-9	30-Sep-98	10.35	11.42	B	-1.07	
		03-Dec-98		11.11		-0.76	0.31
		23-Feb-99		11.43		-1.08	-0.32
		26-May-99		11.29		-0.94	0.14
		15-Sep-99		11.39		-1.04	-0.10
		06-Dec-99		11.90		-1.55	-0.51
		29-Mar-00		11.37		-1.02	0.53
		14-Dec-00		11.32		-0.97	0.05
		27-Mar-01		11.36		-1.01	-0.04
		11-Jun-01		11.18		-0.83	0.18

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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-10	30-Sep-98	8.33	7.18	B	1.15	
		03-Dec-98		5.79		2.54	1.39
		23-Feb-99		7.46		0.87	-1.67
		26-May-99		7.45		0.88	0.01
		15-Sep-99		8.04		0.29	-0.59
		06-Dec-99		6.29		2.04	1.75
		29-Mar-00		6.66		1.67	-0.37
		14-Dec-00		6.68		1.65	-0.02
		27-Mar-01		well inaccessible			
		11-Jun-01		7.44		0.89	-0.76
5200	CW-12	30-Sep-98	7.84	6.79	B	1.05	
		03-Dec-98		6.02		1.82	0.77
		23-Feb-99		5.93		1.91	0.09
		26-May-99		6.84		1.00	-0.91
		15-Sep-99		7.01		0.83	-0.17
		06-Dec-99		6.99		0.85	0.02
		29-Mar-00		7.56		0.28	-0.57
		14-Dec-00		6.87		0.97	0.69
		27-Mar-01		6.74		1.10	0.13
		11-Jun-01		6.65		1.19	0.09

**TABLE 2**  
**Groundwater Elevation Data**  
**5050, 5051 & 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-13	30-Sep-98	7.47	6.27	B	1.20	
		03-Dec-98		5.58		1.89	0.69
		23-Feb-99		4.87		2.60	0.71
		26-May-99		6.08		1.39	-1.21
		15-Sep-99		6.39		1.08	-0.31
		Dec 6 1999		6.49		0.98	-0.10
		29-Mar-00		5.22		2.25	1.27
		14-Dec-00		6.00		1.47	-0.78
		27-Mar-01		5.24		2.23	0.76
		11-Jun-01		5.63		1.84	-0.39

Notes: All measurements are with reference to top of PVC casing of each well.

-- = 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

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

<sup>(1)</sup> = High Tide Measurement

<sup>(2)</sup> = Low Tide Measurement

A = Well covered repaired and TOC resurveyed (10/12/98)

B = TOC resurveyed (10/12/98) - MW-6 discrepancy confirmed 12-3-98



**TABLE 3**  
**Petroleum Hydrocarbons Detected in Groundwater**  
**5050, 5051 & 5200 Coliseum Way**  
(Concentrations Reported in Milligrams per Liter [mg/L])

Sample ID	Date Sampled	TEPH	TPH-D	TPH-O	TPH-G	Benzene	Ethyl-Benzene	Toluene	Total Xylenes
		MCL	--	--	--	0.001	0.7	1	10
LF-11	28-Oct-93	-	<0.05	-	<0.1	-	-	-	-
LF-11	19-Dec-97	9.5	<2	9.0	<0.05	0.0004	<0.0003	0.0004	<0.0004
LF-11	25-Mar-98	-	<0.05	<0.2	-	-	-	-	-
LF-11	17-Jun-98	-	<0.09	0.7	-	-	-	-	-
LF-11	09-Sep-98	0.8	<0.2rl	0.8	-	-	-	-	-
LF-11	10-Dec-98	0.58	<0.09	0.6	-	-	-	-	-
LF-11	24-Feb-99	0.08rl	<0.06rl	<0.2rl	-	-	-	-	-
LF-11	28-May-99	-	<0.05	<0.25	-	-	-	-	-
LF-11	17-Sep-99	-	<0.05	<0.5	-	-	-	-	-
LF-11	07-Dec-99	-	<1.0	<0.5	-	-	-	-	-
LF-11	15-Dec-00	-	<0.05	<0.3	-	-	-	-	-
LF-11	27-Mar-01	-	<0.05	<0.3	-	-	-	-	-
LF-11	11-Jun-01	-	0.11 <sup>H,Y</sup>	<0.3	-	-	-	-	-

**TABLE 3**  
**Petroleum Hydrocarbons Detected in Groundwater**  
**5050, 5051 & 5200 Coliseum Way**  
(Concentrations Reported in Milligrams per Liter [mg/L])

Sample ID	Date Sampled	TEPH	TPH-D	TPH-O	TPH-G	Benzene	Ethyl-Benzene	Toluene	Total Xylenes
		MCL	--	--	--	--	0.001	0.7	1
MWA-1	27-Apr-98	-	< 0.08	< 0.2	0.14	0.0009	< 0.0003	0.0004	< 0.0004
MWA-1	19-Jun-98	-	< 0.2	< 0.2	0.13	0.0008	< 0.0003	0.0003	< 0.0004
MWA-1	11-Sep-98	0.38	< 0.4rl	< 0.2	0.25	0.0011	< 0.0003	0.001	< 0.0004
MWA-1	09-Dec-98	0.66	< 0.4	0.4	0.27	0.0014	0.0029	0.0007	0.0156
MWA-1	25-Feb-99	-	0.940	0.46	0.09	0.001	< 0.0003	0.0004	< 0.0004
MWA-1	27-May-99	-	0.087	< 0.25	0.31	0.001	< 0.0005	< 0.0005	0.0018
MWA-1	16-Sep-99	-	< 0.05	< 0.5	0.11	< 0.0005	< 0.0005	< 0.0005	< 0.0005
MWA-1	07-Dec-99	-	< 1.0	< 0.5	1.4	< 0.001	< 0.001	< 0.001	< 0.003
MWA-1	29-Mar-00	-	-	-	0.29	< 0.001	< 0.001	< 0.001	< 0.003
MWA-1	15-Dec-00	-	< 0.05	< 0.3	0.91	0.00087	< 0.0005	< 0.0005	< 0.0005
MWA-1	27-Mar-01	-	< 0.05	< 0.3	0.54	0.0017	< 0.0005	< 0.0005	< 0.0005
MWA-1	11-Jun-01	-	0.066	< 0.3	0.5 <sup>HY</sup>	0.00059	< 0.0005	< 0.0005	< 0.0005
MW-4	25-Feb-99	-	-	-	< 0.05	< 0.0004	< 0.0003	< 0.0003	< 0.0004
MW-4	23-Sep-99	-	-	-	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
MW-4	07-Dec-99	-	-	-	0.13	< 0.001	< 0.001	< 0.001	< 0.003
MW-4	29-Mar-00	-	-	-	< 0.05	< 0.001	< 0.001	< 0.001	< 0.003
MW-4	15-Dec-00	-	-	-	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
MW-4	27-Mar-01	-	-	-	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
MW-4	11-Jun-01	-	-	-	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005

**TABLE 3**  
**Petroleum Hydrocarbons Detected in Groundwater**  
**5050, 5051 & 5200 Coliseum Way**  
(Concentrations Reported in Milligrams per Liter [mg/L])

Sample ID	Date Sampled	TEPH	TPH-D	TPH-O	TPH-G	Benzene	Ethyl-Benzene	Toluene	Total Xylenes
		MCL	--	--	--	--	0.001	0.7	1
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-2	25-Mar-98	-	< 0.3	< 0.2	< 0.05	0.0006	< 0.0003	< 0.0003	< 0.0004
CW-2	19-Jun-98	-	< 0.2	< 0.2	< 0.05	0.0005	< 0.0003	< 0.0003	< 0.0004
CW-2	10-Sep-98	0.12	< 0.08	< 0.2	< 0.05	0.0005	< 0.0003	< 0.0003	< 0.0004
CW-2	04-Dec-98	1.10	< 0.6	0.7	< 0.05	0.0008	< 0.0003	0.0004	0.0004
CW-2	24-Feb-99	0.510	< 0.3	< 0.4	< 0.05	0.0007	< 0.0003	< 0.0003	< 0.0004
CW-2	27-May-99	-	0.13	< 0.25	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-2	16-Sep-99	-	0.074	< 0.5	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-2	10-Dec-99	-	< 1.0	< 0.5	< 0.05	< 0.001	< 0.001	< 0.001	< 0.003
CW-2	15-Dec-00	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-2	27-Mar-01	-	0.055	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-2	11-Jun-01	-	0.19 <sup>H,Y</sup>	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	04-Dec-98	0.59	< 0.4	0.4	< 0.05	< 0.0004	< 0.0003	< 0.0003	< 0.0004
CW-6	24-Feb-99	< 0.05	< 0.05	< 0.2	< 0.05	< 0.0004	< 0.0003	< 0.0003	< 0.0004
CW-6	27-May-99	-	0.088	< 0.25	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	16-Sep-99	-	0.059	< 0.5	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	10-Dec-99	-	< 1.0	< 0.5	< 0.05	< 0.001	< 0.001	< 0.001	< 0.003
CW-6	15-Dec-00	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	27-Mar-01	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	11-Jun-01	-	0.43 <sup>H,Y</sup>	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005

**TABLE 3**  
**Petroleum Hydrocarbons Detected in Groundwater**  
**5050, 5051 & 5200 Coliseum Way**  
(Concentrations Reported in Milligrams per Liter [mg/L])

Sample ID	Date Sampled	TEPH	TPH-D	TPH-O	TPH-G	Benzene	Ethyl-Benzene	Toluene	Total Xylenes
		MCL	--	--	--	0.001	0.7	1	10
CW-7-D3	29-Sep-98	-	< 0.05	< 0.5	-	-	-	-	-
CW-7-D4	29-Sep-98	-	-	-	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-7	04-Dec-98	0.47	< 0.4	0.3	< 0.05	< 0.0004	< 0.0003	< 0.0003	< 0.0004
CW-7	24-Feb-99	0.11	< 0.08	< 0.2	< 0.05	< 0.0004	< 0.0003	< 0.0003	< 0.0004
CW-7	27-May-99	-	0.17	< 0.25	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-7	16-Sep-99	-	< 0.05	< 0.5	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-7	10-Dec-99	-	1.0	< 0.5	< 0.05	< 0.001	< 0.001	< 0.001	< 0.003
CW-7	15-Dec-00	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-7	27-Mar-01	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-7	11-Jun-01	-	0.14	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005

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
- "." = Not analyzed
- (dup) = Duplicate Sample Collected by LFR
- \* = Field error resulted in switched well numbers (CW-3 & CW-5)
- rl = TPH laboratory surrogate recovery low due to use of silica gel cleanup, standard is not adjusted for use of silica gel

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)
		<b>MCL</b>	0.006	0.05	1	0.004	0.005	0.05	--	1.3 <sup>+</sup>	0.015 <sup>++</sup>	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-5	25-Mar-98	< 0.03	< 0.05	0.05	< 0.005	0.062	< 0.01	0.21	< 0.03	< 0.05	< 0.0005
5050	LF-5	18-Jun-98	< 0.03	0.12	0.26	< 0.005	1.2	0.06	6.5	0.02	< 0.05	< 0.0005
5050	LF-5	9-Sep-98	< 0.03	< 0.05	0.08	< 0.005	0.19	< 0.01	0.76	< 0.01	< 0.05	< 0.0005
5050	LF-5	9-Dec-98	< 0.03	< 0.05	0.08	< 0.005	0.3	0.01	1.1	< 0.01	< 0.05	< 0.0005
5050	LF-5	23-Feb-99	< 0.03	0.07	0.02	0.008	0.09	< 0.01	0.33	0.02	< 0.05	< 0.0005
5050	LF-5	27-May-99	< 0.05	< 0.005	< 0.05	< 0.004	0.23	< 0.005	0.8	< 0.05	< 0.005	< 0.0008
5050	LF-5	23-Sep-99	< 0.03	< 0.05	0.01	< 0.005	0.21	0.01	0.8	< 0.01	< 0.05	< 0.0002
5050	LF-5	15-Dec-99	< 0.03	< 0.05	0.04	< 0.005	0.3	0.058	1.4	< 0.01	< 0.05	< 0.0002
5050	LF-5	29-Mar-00	< 0.03	< 0.05	< 0.01	0.014	0.5	0.041	2.5	< 0.01	< 0.05	< 0.0002
5050	LF-5	15-Dec-00	< 0.06	< 0.005	0.012	< 0.002	0.27	< 0.01	1.3	< 0.01	0.0095	< 0.0002
5050	LF-5	27-Mar-01	< 0.06	< 0.005	< 0.01	< 0.002	0.34	< 0.01	1.6	< 0.01	0.0087	< 0.0002
5050	LF-5	11-Jun-01	< 0.06	0.008	0.013	< 0.002	0.83	0.012	4.1	< 0.01	0.027	< 0.0002

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)	Chloride
		<b>MCL</b>	--	0.10	0.05	0.1 <sup>+</sup>	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	< 0.05	< 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-5	25-Mar-98	< 0.01	0.74	< 0.07	< 0.01	< 0.05	< 0.01	16	5,600	5.87	-
5050	LF-5	18-Jun-98	< 0.01	18	< 0.07	0.03	0.43	< 0.01	300	21,000	6.19	-
5050	LF-5	9-Sep-98	< 0.01	2.4	< 0.07	< 0.01	< 0.05	< 0.01	36	7,800	6.22	-
5050	LF-5	9-Dec-98	< 0.01	3.7	< 0.07	0.01	< 0.05	< 0.01	50	12,000	6.11	-
5050	LF-5	23-Feb-99	< 0.01	1.1	< 0.07	< 0.01	< 0.05	< 0.01	20	6,800	6.41	-
5050	LF-5	27-May-99	< 0.05	2.4	< 0.005	< 0.01	< 0.005	< 0.05	52	6,100	6.21	-
5050	LF-5	23-Sep-99	< 0.01	2.5	< 0.07	< 0.01	< 0.05	< 0.01	35	9,000	6.03	-
5050	LF-5	15-Dec-99	< 0.01	3.8	< 0.07	< 0.01	< 0.05	< 0.01	52	12,000	5.57	-
5050	LF-5	29-Mar-00	< 0.01	7	< 0.07	< 0.01	< 0.05	< 0.01	110	14,000	5.1	-
5050	LF-5	15-Dec-00	< 0.02	3.7	0.037	< 0.005	0.15	< 0.01	63	11,900	6.06	-
5050	LF-5	27-Mar-01	< 0.02	4.3	0.028	< 0.005	0.16	< 0.01	120	14,300	6.95	-
5050	LF-5	11-Jun-01	< 0.02	11	0.1	< 0.005	0.43	< 0.01	240	20,600	6.65	-

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)
		<b>MCL</b>	0.006	0.05	1	0.004	0.005	0.05	--	1.3 <sup>+</sup>	0.015 <sup>++</sup>	0.002
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	0.06	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-11	25-Mar-98	< 0.03	< 0.05	< 0.01	< 0.005	36	< 0.01	< 0.01	< 0.03	< 0.05	< 0.0005
5050	LF-11	17-Jun-98	< 0.03	0.11	0.14	0.034	46	0.03	2.5	1.9	< 0.05	< 0.0005
5050	LF-11	9-Sep-98	< 0.03	0.08	0.12	0.04	43	< 0.01	2.1	2.0	< 0.05	< 0.0005
5050	LF-11	10-Dec-98	< 0.03	0.1	0.1	0.035	51	0.03	2.3	2.2	< 0.05	< 0.0005
5050	LF-11	24-Feb-99	< 0.03	< 0.05	0.02	0.018	48	< 0.01	0.79	0.9	< 0.05	< 0.0005
5050	LF-11	28-May-99	< 0.05	< 0.005	< 0.05	0.048	68	0.013	2.8	1.9	< 0.01	< 0.0008
5050	LF-11	17-Sep-99	< 0.03	< 0.05	0.02	0.05	46	0.03	2.7	2.7	< 0.05	0.0005
5050	LF-11	7-Dec-99	< 0.03	0.13	< 0.01	0.087	92	0.12	4.3	3.6	< 0.05	0.0005
5050	LF-11	29-Mar-00	< 0.03	< 0.05	< 0.01	0.038	37	0.029	1.8	1.5	< 0.05	< 0.0002
5050	LF-11	15-Dec-00	< 0.06	0.045	0.013	0.044	84	0.012	2.7	3.0	0.088	< 0.0002
5050	LF-11	27-Mar-01	< 0.06	0.035	0.011	0.043	83	0.013	2.7	3.2	0.065	< 0.0002
5050	LF-11	11-Jun-01	< 0.06	0.056	0.013	0.045	86	0.024	2.8	2.7	0.084	< 0.0002

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)	Chloride
		<b>MCL</b>	--	0.10	0.05	0.1 <sup>+</sup>	0.002	--	5			
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-11	25-Mar-98	< 0.01	5.1	< 0.07	< 0.01	< 0.05	< 0.01	13,000	54,000	3.83	-
5050	LF-11	17-Jun-98	< 0.01	12	0.1	< 0.01	0.22	< 0.01	18,000	58,000	4.89	-
5050	LF-11	9-Sep-98	< 0.01	9.8	0.13	< 0.01	< 0.05	< 0.01	17,000	51,000	5.34	-
5050	LF-11	10-Dec-98	< 0.01	9.8	< 0.07	< 0.01	< 0.05	< 0.01	18,000	66,000	3.77	-
5050	LF-11	24-Feb-99	< 0.01	4.2	< 0.07	< 0.01	< 0.05	< 0.01	8,600	57,000	3.77	-
5050	LF-11	28-May-99	< 0.05	14	< 0.005	< 0.01	< 0.02	< 0.05	23,000	98,000	3.39	-
5050	LF-11	17-Sep-99	0.02	17	< 0.07	< 0.01	< 0.05	< 0.01	7,000	67,000	3.72	-
5050	LF-11	7-Dec-99	0.19	20	< 0.07	< 0.01	< 0.05	< 0.01	2,000	89,000	3.49	-
5050	LF-11	29-Mar-00	0.073	8.2	0.07	< 0.01	< 0.05	< 0.01	1,400	38,000	4.3	-
5050	LF-11	15-Dec-00	< 0.02	12	0.068	< 0.005	0.33	< 0.01	26,000	103,000	4.29	-
5050	LF-11	27-Mar-01	< 0.02	11	0.044	< 0.005	0.27	< 0.01	28,000	94,500	4.63	-
5050	LF-11	11-Jun-01	< 0.02	13	0.077	< 0.005	0.32	< 0.01	24,000	89,800	4.16	-



**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)
		<b>MCL</b>	0.006	0.05	1	0.004	0.005	0.05	--	1.3 <sup>+</sup>	0.015 <sup>++</sup>	0.002
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-12	25-Mar-98	< 0.03	< 0.05	< 0.01	< 0.005	1.1	< 0.01	0.4	1.1	< 0.05	< 0.0005
5050	LF-12	18-Jun-98	< 0.03	< 0.05	0.24	0.01	2.3	< 0.01	1.6	0.98	< 0.05	< 0.0005
5050	LF-12	9-Sep-98	< 0.03	< 0.05	0.11	0.013	2.0	< 0.01	1.3	1.7	< 0.05	< 0.0005
5050	LF-12-H	8-Oct-98	-	0.06	-	-	2.2	-	-	-	-	-
5050	LF-12-L	8-Oct-98	-	0.06	-	-	2.0	-	-	-	-	-
5050	LF-12	10-Dec-98	< 0.03	< 0.05	0.1	0.011	2.5	< 0.01	1.8	3.1	< 0.05	< 0.0005
5050	LF-12	23-Feb-99	< 0.3	< 0.5	< 0.1	< 0.05	1.9	< 0.1	1.4	1.1	< 0.5	< 0.0005
5050	LF-12	28-May-99	< 0.05	< 0.005	0.076	0.0092	2.5	< 0.005	1.5	0.59	< 0.005	< 0.0008
5050	LF-12	16-Sep-99	< 0.03	< 0.05	< 0.01	< 0.02	1.9	< 0.01	1.5	0.97	< 0.05	0.0002
5050	LF-12	7-Dec-99	< 0.03	< 0.05	< 0.01	< 0.005	2.4	< 0.01	1.8	0.94	< 0.05	0.00054
5050	LF-12	29-Mar-00	< 0.03	< 0.05	0.32	< 0.005	2.4	0.014	1.7	0.86	< 0.05	0.00093
5050	LF-12	15-Dec-00	< 0.06	< 0.005	0.01	0.012	1.5	< 0.01	1.2	0.73	0.012	0.0003
5050	LF-12	27-Mar-01	< 0.06	< 0.005	0.01	0.0075	1.8	< 0.01	1.1	0.72	0.014	< 0.0002
5050	LF-12	11-Jun-01	< 0.06	0.015	0.012	0.011	1.6	< 0.01	1.3	0.66	0.022	< 0.0002

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)	Chloride
		<b>MCL</b>	--	0.10	0.05	0.1 <sup>†</sup>	0.002	--	5			
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-12	25-Mar-98	< 0.01	1.9	< 0.07	< 0.01	< 0.05	< 0.01	1,200	7,100	4.00	-
5050	LF-12	18-Jun-98	< 0.01	4.6	0.11	< 0.01	0.14	0.01	2,500	12,000	4.02	-
5050	LF-12	9-Sep-98	< 0.01	4.1	0.13	< 0.01	< 0.05	< 0.01	2,100	12,000	4.85	-
5050	LF-12-H	8-Oct-98	-	-	-	-	-	-	2,400	11,000	3.30	590
5050	LF-12-L	8-Oct-98	-	-	-	-	-	-	1,700	10,000	3.50	820
5050	LF-12	10-Dec-98	< 0.01	4.8	0.1	< 0.01	< 0.05	0.01	2,800	13,000	3.87	-
5050	LF-12	23-Feb-99	< 0.1	3.9	< 0.7	< 0.1	< 0.5	< 0.1	2,000	11,000	3.68	-
5050	LF-12	28-May-99	< 0.05	4.6	0.017	< 0.01	< 0.005	< 0.05	2,100	11,000	4.93	-
5050	LF-12	16-Sep-99	< 0.01	5	< 0.07	< 0.01	< 0.05	< 0.01	870	11,000	4.18	-
5050	LF-12	7-Dec-99	< 0.01	4.9	< 0.07	0.096	< 0.05	< 0.01	1,200	13,000	3.88	-
5050	LF-12	29-Mar-00	0.021	4.6	0.097	< 0.01	< 0.05	< 0.01	890	13,000	4.2	-
5050	LF-12	15-Dec-00	< 0.02	3.5	0.071	< 0.005	0.1	0.011	2,100	12,300	4.66	-
5050	LF-12	27-Mar-01	< 0.02	3.2	0.058	< 0.005	0.084	< 0.01	1,700	10,800	4.91	-
5050	LF-12	11-Jun-01	< 0.02	3.7	0.045	< 0.005	0.099	< 0.01	5,500	10,200	4.45	-

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)
		<b>MCL</b>	0.006	0.05	1	0.004	0.005	0.05	--	1.3 <sup>+</sup>	0.015 <sup>++</sup>	0.002
5051	MWA-1	2-Jun-95	< 0.2	< 0.02	0.01	< 0.02	2.7	< 0.1	< 0.05	0.57	< 0.4	< 0.002
5051	MWA-1	12-Dec-95	< 0.2	0.011	< 0.1	< 0.02	2.8	< 0.1	0.11	1	0.6	0.0003
5051	MWA-1	13-Dec-96	< 0.02	0.01	0.01	< 0.002	3.1	< 0.01	0.14	1.4	1	< 0.0002
5051	MWA-1	13-Dec-96 (D)	< 0.02	0.011	0.02	< 0.002	3.1	< 0.01	0.17	1.5	1.1	< 0.0002
5051	MWA-1	27-Apr-98	< 0.03	< 0.05	0.2	< 0.005	4.2	0.01	0.01	1.1	1.3	< 0.0005
5051	MWA-1	19-Jun-98	< 0.03	< 0.05	0.22	< 0.005	3.4	< 0.01	0.02	0.88	0.81	< 0.0005
5051	MWA-1	11-Sep-98	< 0.03	< 0.05	0.06	< 0.005	3.5	< 0.01	0.03	1.3	0.84	< 0.0005
5051	MWA-1	9-Dec-98	< 0.03	0.05	0.09	< 0.005	3.5	< 0.01	0.03	1.3	0.94	< 0.0005
5051	MWA-1	25-Feb-99	< 0.03	< 0.05	0.03	< 0.005	3.3	< 0.01	0.02	1.0	0.67	< 0.0005
5051	MWA-1	27-May-99	< 0.05	< 0.005	< 0.05	< 0.004	4.2	< 0.005	< 0.05	0.91	1.2	< 0.0008
5051	MWA-1	16-Sep-99	< 0.03	< 0.05	< 0.01	< 0.009	3.1	< 0.01	0.04	1.3	1.3	< 0.0002
5051	MWA-1	7-Dec-99	< 0.03	< 0.05	< 0.01	< 0.005	3.6	< 0.010	0.14	1.2	1.4	0.0012
5051	MWA-1	29-Mar-00	< 0.03	< 0.05	0.024	0.007	3.8	< 0.010	< 0.01	0.78	0.87	0.00027
5051	MWA-1	15-Jan-01	< 0.06	< 0.005	< 0.01	< 0.002	2.5	< 0.015	< 0.02	0.8	0.75	< 0.0002
5051	MWA-1	27-Mar-01	< 0.06	< 0.005	< 0.01	< 0.002	2.4	< 0.01	< 0.02	0.74	0.68	0.00033
5051	MWA-1	11-Jun-01	< 0.06	0.0077	0.015	< 0.002	2.3	< 0.01	0.023	0.72	0.71	< 0.0002
5051	MW-4	11-Dec-95	< 0.2	0.005	< 0.1	< 0.2	< 0.05	< 0.1	1.2	< 0.1	< 0.4	< 0.0002
5051	MW-4	13-Dec-96	< 0.2	0.013	0.1	< 0.02	0.38	< 0.01	< 0.05	< 0.01	< 0.4	< 0.0002
5051	MW-4	27-Apr-98	< 0.03	< 0.05	< 0.01	< 0.005	0.28	0.02	0.04	< 0.01	< 0.05	< 0.0005
5051	MW-4	19-Jun-98	< 0.03	< 0.05	0.14	< 0.005	0.28	0.02	0.04	< 0.01	< 0.05	< 0.0005
5051	MW-4	11-Sep-98	< 0.03	< 0.05	0.08	0.005	0.25	0.02	0.05	0.08	< 0.05	< 0.0005
5051	MW-4	9-Dec-98	< 0.03	0.06	0.12	< 0.005	0.34	0.02	0.05	0.01	< 0.05	< 0.0005
5051	MW-4	25-Feb-99	< 0.03	< 0.05	0.05	< 0.005	0.28	0.01	0.03	0.02	< 0.05	< 0.0005
5051	MW-4	27-May-99	< 0.05	< 0.005	< 0.05	< 0.004	0.31	< 0.005	< 0.05	< 0.05	< 0.005	< 0.0008
5051	MW-4	16-Sep-99	< 0.03	< 0.05	< 0.01	< 0.009	0.17	0.02	< 0.01	< 0.01	< 0.05	< 0.0002
5051	MW-4	7-Dec-99	< 0.03	< 0.05	< 0.01	< 0.005	0.24	< 0.01	0.13	< 0.01	< 0.05	< 0.0002
5051	MW-4	29-Mar-00	< 0.03	< 0.05	0.14	< 0.005	0.13	0.038	0.035	< 0.01	< 0.05	< 0.0002
5051	MW-4	15-Jan-01	< 0.06	< 0.005	< 0.01	< 0.002	0.17	0.039	0.059	0.021	0.029	< 0.0002
5051	MW-4	27-Mar-01	< 0.06	< 0.005	< 0.01	< 0.002	0.19	< 0.01	0.03	0.011	0.016	< 0.0002
5051	MW-4	11-Jun-01	< 0.06	< 0.005	0.014	< 0.002	0.17	0.013	0.04	0.033	0.035	< 0.0002

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)	Chloride
	MCL		--	0.10	0.05	0.1 <sup>+</sup>	0.002	--	5			
5051	MWA-1	2-Jun-95	< 0.1	0.9	< 0.04	< 0.05	< 0.05	< 0.05	990	NA	NA	-
5051	MWA-1	12-Dec-95	< 0.1	1.2	0.013	< 0.05	< 500	< 0.05	1,000	NA	NA	-
5051	MWA-1	13-Dec-96	0.03	0.97	< 0.004	0.008	< 0.05	< 0.005	990	7,400	5.60	-
5051	MWA-1	13-Dec-96 (D)	0.03	1.1	< 0.004	0.01	< 0.05	< 0.005	970	7,500	5.60	-
5051	MWA-1	27-Apr-98	< 0.01	0.48	< 0.07	< 0.01	< 0.05	< 0.01	90	5,100	5.80	-
5051	MWA-1	19-Jun-98	< 0.01	0.55	< 0.07	< 0.01	0.07	< 0.01	820	5,400	5.70	-
5051	MWA-1	11-Sep-98	< 0.01	0.64	0.09	< 0.01	< 0.05	< 0.01	1,800	6,600	6.21	-
5051	MWA-1	9-Dec-98	< 0.01	0.81	< 0.07	< 0.01	< 0.05	< 0.01	1,000	6,500	6.15	-
5051	MWA-1	25-Feb-99	< 0.01	0.56	< 0.07	< 0.01	< 0.05	< 0.01	620	110	7.16	-
5051	MWA-1	27-May-99	< 0.05	0.69	< 0.005	< 0.01	< 0.005	< 0.05	950	5,500	5.98	-
5051	MWA-1	16-Sep-99	< 0.01	0.79	< 0.07	< 0.01	< 0.05	< 0.01	700	6,300	6.11	-
5051	MWA-1	7-Dec-99	< 0.01	0.88	< 0.07	0.067	< 0.05	< 0.01	700	7,300	5.25	-
5051	MWA-1	29-Mar-00	< 0.01	0.37	< 0.07	< 0.01	< 0.05	< 0.01	550	4,500	8.07	-
5051	MWA-1	15-Jan-01	< 0.02	0.64	0.024	0.006	0.14	< 0.01	810	5,740	5.86	-
5051	MWA-1	27-Mar-01	< 0.02	0.41	0.014	< 0.005	0.077	< 0.01	660	4,830	6.67	-
5051	MWA-1	11-Jun-01	< 0.02	0.54	0.024	< 0.005	0.11	< 0.01	620	5,410	6.22	-
5051	MW-4	11-Dec-95	< 0.1	3	< 0.02	< 0.05	< 500	< 0.05	430	NA	NA	-
5051	MW-4	13-Dec-96	< 0.01	1	< 0.004	< 0.05	< 0.5	< 0.05	660	7,100	5.50	-
5051	MW-4	27-Apr-98	< 0.01	0.96	< 0.07	< 0.01	< 0.05	< 0.01	670	6,800	6.21	-
5051	MW-4	19-Jun-98	< 0.01	1	< 0.07	< 0.01	< 0.05	< 0.01	1,000	6,800	5.64	-
5051	MW-4	11-Sep-98	< 0.01	0.89	< 0.07	< 0.01	< 0.05	< 0.01	1,400	7,800	5.98	-
5051	MW-4	9-Dec-98	< 0.01	1.1	< 0.07	< 0.01	< 0.05	< 0.01	680	7,300	5.59	-
5051	MW-4	25-Feb-99	< 0.01	0.76	0.08	< 0.01	< 0.05	< 0.01	450	6,000	7.12	-
5051	MW-4	27-May-99	< 0.05	1.1	< 0.005	< 0.01	< 0.005	< 0.05	730	7,200	5.83	-
5051	MW-4	16-Sep-99	< 0.01	1.2	< 0.07	< 0.01	< 0.05	< 0.01	550	7,300	5.51	-
5051	MW-4	7-Dec-99	< 0.01	1	< 0.07	< 0.01	< 0.05	< 0.01	520	7,700	5.01	-
5051	MW-4	29-Mar-00	< 0.01	0.91	0.078	< 0.01	< 0.05	< 0.01	480	7,500	7.42	-
5051	MW-4	15-Jan-01	< 0.02	0.94	0.06	0.014	0.28	< 0.01	600	6,970	5.47	-
5051	MW-4	27-Mar-01	< 0.02	0.65	0.029	< 0.01	0.016	< 0.01	440	5,900	6.42	-
5051	MW-4	11-Jun-01	< 0.02	0.78	0.058	0.0056	0.23	< 0.01	88	6,910	5.92	-

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)
		<b>MCL</b>	0.006	0.05	1	0.004	0.005	0.05	--	1.3 <sup>+</sup>	0.015 <sup>++</sup>	0.002
5051	MW-5	11-Dec-95	< 0.02	0.009	0.21	< 0.002	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0002
5051	MW-5	13-Dec-96	< 0.02	0.005	0.73	< 0.02	< 0.005	< 0.01	< 0.005	< 0.01	< 0.04	< 0.0002
5051	MW-5	27-Apr-98	< 0.03	< 0.05	< 0.01	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5051	MW-5	19-Jun-98	< 0.03	< 0.05	0.57	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5051	MW-5	11-Sep-98	< 0.03	< 0.05	0.47	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5051	MW-5	9-Dec-98	< 0.03	< 0.05	0.83	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5051	MW-5	25-Feb-99	< 0.03	< 0.05	0.58	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5051	MW-5	27-May-99	< 0.05	< 0.005	0.33	< 0.004	< 0.005	< 0.005	< 0.05	< 0.05	< 0.005	< 0.0008
5051	MW-5	23-Sep-99	< 0.03	< 0.05	0.18	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
5051	MW-5	10-Dec-99	< 0.03	< 0.05	1.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
5051	MW-5	29-Mar-00	< 0.03	< 0.05	0.88	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
5051	MW-5	12-Jan-01	< 0.06	0.0078	1.2	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
5051	MW-5	27-Mar-01	< 0.06	< 0.005	0.65	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
5051	MW-5	11-Jun-01	< 0.06	0.0073	0.84	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
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-1	25-Mar-98	< 0.03	0.43	80	< 0.005	< 0.005	0.13	0.07	< 0.01	< 0.05	< 0.0005
5200	CW-1	19-Jun-98	< 0.03	0.18	3.6	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5200	CW-1	10-Sep-98	< 0.03	0.19	0.79	< 0.005	< 0.005	0.03	0.01	< 0.01	< 0.05	< 0.0005
5200	CW-1	4-Dec-98	< 0.03	0.16	6.7	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5200	CW-1	24-Feb-99	< 0.03	0.17	2.4	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5200	CW-1	27-May-99	< 0.05	0.26	0.27	< 0.004	0.0056	< 0.005	< 0.05	< 0.05	< 0.005	< 0.0008
5200	CW-1	17-Sep-99	< 0.03	0.11	13	< 0.009	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
5200	CW-1	13-Dec-99	< 0.03	0.089	38	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
5200	CW-1	29-Mar-00	< 0.03	0.2	0.85	< 0.005	< 0.005	< 0.01	0.022	< 0.01	< 0.05	< 0.0002
5200	CW-1	15-Dec-00	< 0.06	0.17	0.082	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
5200	CW-1	27-Mar-01	< 0.06	0.22	0.23	< 0.002	0.0091	< 0.01	0.036	< 0.01	< 0.003	< 0.0002
5200	CW-1	11-Jun-01	< 0.06	0.29	0.1	< 0.002	0.0089	< 0.01	0.032	< 0.01	< 0.003	< 0.0002

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)	Chloride
		<b>MCL</b>	--	0.10	0.05	0.1 <sup>+</sup>	0.002	--	5			
5051	MW-5	11-Dec-95	< 0.01	< 0.01	< 4	< 0.005	< 0.05	< 0.005	0.02	NA	NA	-
5051	MW-5	13-Dec-96	< 0.01	< 0.01	< 0.004	< 0.005	< 0.05	< 0.005	0.17	3,600	7.20	-
5051	MW-5	27-Apr-98	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	< 0.01	2,800	7.37	-
5051	MW-5	19-Jun-98	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.92	2,800	6.89	-
5051	MW-5	11-Sep-98	< 0.01	< 0.02	0.07	< 0.01	< 0.05	< 0.01	0.17	2,800	6.99	-
5051	MW-5	9-Dec-98	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.08	3,000	6.99	-
5051	MW-5	25-Feb-99	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.16	2,600	7.28	-
5051	MW-5	27-May-99	< 0.05	< 0.05	< 0.005	< 0.01	< 0.005	< 0.05	0.055	2,200	7.33	-
5051	MW-5	23-Sep-99	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.02	2,600	6.99	-
5051	MW-5	10-Dec-99	0.01	0.032	< 0.07	< 0.01	< 0.05	< 0.01	0.065	3,100	6.56	-
5051	MW-5	29-Mar-00	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.061	2,500	7.46	-
5051	MW-5	12-Jan-01	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.027	4,420	7.32	-
5051	MW-5	27-Mar-01	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	2.6	2,950	6.8	-
5051	MW-5	11-Jun-01	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.350	2,630	7.69	-
5200	CW-1	1-Oct-96	0.02	< 0.02	< 0.05	< 0.01	< 0.05	0.08	0.01	-	8.40	-
5200	CW-1	19-Aug-97	0.02	< 0.02	< 0.05	< 0.01	< 0.05	0.1	< 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-1	25-Mar-98	0.02	0.39	< 0.07	< 0.01	< 0.05	< 0.01	1.3	1,000	7.61	-
5200	CW-1	19-Jun-98	0.03	0.03	< 0.07	< 0.01	< 0.05	< 0.01	7.9	1,700	6.95	-
5200	CW-1	10-Sep-98	0.02	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	15	1,500	6.70	-
5200	CW-1	4-Dec-98	0.02	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	2.3	1,200	6.79	-
5200	CW-1	24-Feb-99	0.04	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	1.3	1,500	6.93	-
5200	CW-1	27-May-99	< 0.05	0.08	< 0.005	< 0.01	< 0.001	< 0.05	58	1,600	6.86	-
5200	CW-1	17-Sep-99	0.02	0.03	< 0.07	< 0.01	< 0.05	< 0.01	8.7	1,000	8.40	-
5200	CW-1	13-Dec-99	0.02	0.033	< 0.07	< 0.01	< 0.05	0.015	1.5	1,100	5.85	-
5200	CW-1	29-Mar-00	< 0.01	0.039	< 0.07	< 0.01	< 0.05	< 0.01	52	1,700	7.55	-
5200	CW-1	15-Dec-00	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	15	1,900	7.37	-
5200	CW-1	27-Mar-01	< 0.02	0.077	< 0.005	< 0.005	0.0074	< 0.01	78	2,030	7.64	-
5200	CW-1	11-Jun-01	< 0.02	0.061	< 0.005	< 0.005	0.0063	< 0.01	69	1,810	7.31	-

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)
		<b>MCL</b>	0.006	0.05	1	0.004	0.005	0.05	--	1.3 <sup>+</sup>	0.015 <sup>++</sup>	0.002
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	0.2	< 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-2	25-Mar-98	< 0.03	1.8	230	< 0.005	< 0.005	0.13	0.07	0.01	< 0.05	< 0.0005
5200	CW-2	19-Jun-98	< 0.03	2.1	170	< 0.005	< 0.005	< 0.01	0.13	< 0.01	< 0.05	< 0.0005
5200	CW-2	10-Sep-98	< 0.03	2.9	190	< 0.005	< 0.005	< 0.01	0.12	< 0.01	< 0.05	< 0.0005
5200	CW-2	4-Dec-98	< 0.03	2.0	250	< 0.005	< 0.005	< 0.01	0.12	< 0.01	< 0.05	< 0.0005
5200	CW-2	24-Feb-99	< 0.03	2.5	17	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
5200	CW-2	27-May-99	< 0.05	2.7	150	< 0.004	< 0.005	< 0.005	< 0.05	< 0.05	0.0051	< 0.0008
5200	CW-2	16-Sep-99	< 0.03	1.5	160	< 0.009	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
5200	CW-2	10-Dec-99	< 0.03	1.3	220	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
5200	CW-2	29-Mar-00	< 0.03	1.6	210	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.050	< 0.0002
5200	CW-2	15-Dec-00	< 0.06	1.1	170	< 0.002	< 0.05	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
5200	CW-2	27-Mar-01	< 0.06	2.5	150	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
5200	CW-2	11-Jun-01	< 0.06	2.8	790	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-6	29-Sep-98	< 0.03	0.13	470	< 0.005	0.1	< 0.01	0.34	< 0.01	< 0.05	< 0.0005
ACPWA-E	CW-6-H	8-Oct-98	-	0.33	610	-	0.2	-	-	-	-	-
ACPWA-E	CW-6-L	8-Oct-98	-	0.09	460	-	0.11	-	-	-	-	-
ACPWA-E	CW-6	4-Dec-98	< 0.03	0.19	610	< 0.005	0.14	< 0.01	0.42	< 0.01	< 0.05	< 0.0005
ACPWA-E	CW-6	24-Feb-99	< 0.03	0.13	550	0.005	0.11	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
ACPWA-E	CW-6	27-May-99	< 0.05	0.054	600	< 0.004	0.17	< 0.005	0.10	< 0.05	0.005	< 0.0008
ACPWA-E	CW-6	16-Sep-99	< 0.03	0.09	800	< 0.009	0.092	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
ACPWA-E	CW-6	10-Dec-99	< 0.03	0.06	640	< 0.005	0.056	< 0.01	0.022	< 0.01	< 0.05	< 0.0002
ACPWA-E	CW-6	29-Mar-00	< 0.03	0.14	440	< 0.005	0.1	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
ACPWA-E	CW-6	15-Dec-00	< 0.06	0.19	500	< 0.02	0.062	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-6	27-Mar-01	< 0.06	0.13	300	< 0.002	0.046	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-6	11-Jun-01	< 0.06	0.14	160	< 0.002	0.044	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)	Chloride
	MCL		--	0.10	0.05	0.1 <sup>+</sup>	0.002	--	5			
5200	CW-2	1-Oct-96	< 0.01	< 0.02	< 0.05	< 0.01	< 0.05	< 0.01	0.06	-	6.80	-
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-2	25-Mar-98	< 0.01	1.4	< 0.07	< 0.01	< 0.05	0.02	0.07	900	8.61	-
5200	CW-2	19-Jun-98	0.05	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.08	930	6.88	-
5200	CW-2	10-Sep-98	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	< 0.01	1,200	6.81	-
5200	CW-2	4-Dec-98	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.03	1,300	7.06	-
5200	CW-2	24-Feb-99	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.02	900	7.08	-
5200	CW-2	27-May-99	< 0.05	< 0.05	< 0.005	< 0.01	< 0.001	< 0.05	0.055	880	7.53	-
5200	CW-2	16-Sep-99	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	< 0.01	1,000	7.31	-
5200	CW-2	10-Dec-99	< 0.01	0.03	< 0.07	< 0.01	< 0.05	0.01	0.01	1,200	8.44	-
5200	CW-2	29-Mar-00	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	< 0.01	960	7.3	-
5200	CW-2	15-Dec-00	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05	< 0.01	0.46	1,250	7.52	-
5200	CW-2	27-Mar-01	< 0.02	< 0.02	< 0.05	< 0.005	0.0051	< 0.01	0.37	1,120	8.46	-
5200	CW-2	11-Jun-01	< 0.02	< 0.02	< 0.05	< 0.005	0.0052	< 0.01	0.74	1,020	7.96	-
ACPWA-E	CW-6	29-Sep-98	< 0.01	0.26	< 0.07	< 0.01	< 0.05	0.02	15	3,900	6.71	-
ACPWA-E	CW-6-H	8-Oct-98	-	-	-	-	-	-	33	4,300	6.60	1,700
ACPWA-E	CW-6-L	8-Oct-98	-	-	-	-	-	-	15	4,100	6.70	1,300
ACPWA-E	CW-6	4-Dec-98	< 0.01	0.42	< 0.07	< 0.01	< 0.05	< 0.01	21	3,300	7.30	-
ACPWA-E	CW-6	24-Feb-99	0.02	0.37	< 0.07	< 0.01	< 0.05	< 0.01	19	3,000	6.99	-
ACPWA-E	CW-6	27-May-99	< 0.05	0.41	< 0.005	< 0.01	< 0.001	< 0.05	28	3,400	6.87	-
ACPWA-E	CW-6	16-Sep-99	0.02	0.41	< 0.07	< 0.05	< 0.05	0.03	16	3,700	7.73	-
ACPWA-E	CW-6	10-Dec-99	0.02	0.25	< 0.07	< 0.01	< 0.05	0.019	9.8	3,300	6.97	-
ACPWA-E	CW-6	29-Mar-00	< 0.01	0.3	< 0.07	< 0.01	< 0.05	< 0.01	25	2,400	8.39	-
ACPWA-E	CW-6	15-Dec-00	< 0.02	0.21	< 0.005	< 0.005	< 0.05	< 0.01	8.5	2,600	7.04	-
ACPWA-E	CW-6	27-Mar-01	< 0.02	0.19	< 0.005	< 0.005	0.0097	< 0.01	12	2,200	8.15	-
ACPWA-E	CW-6	11-Jun-01	< 0.02	0.21	< 0.005	< 0.005	0.014	< 0.01	20	2,260	7.63	-



**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)
		<b>MCL</b>	0.006	0.05	1	0.004	0.005	0.05	-	1.3 <sup>+</sup>	0.015 <sup>++</sup>	0.002
ACPWA-E	CW-7	29-Sep-98	< 0.03	< 0.05	140	< 0.005	< 0.005	< 0.01	0.08	< 0.01	< 0.05	< 0.0005
ACPWA-E	CW-7-D1	29-Sep-98	< 0.005	0.04	140	< 0.005	0.0024	< 0.005	0.0052	0.0091	0.015	< 0.0005
ACPWA-E	CW-7-D2	29-Sep-98	-	-	-	-	-	-	-	-	-	-
ACPWA-E	CW-7-H	8-Oct-98	-	0.07	167	-	< 0.005	-	-	-	-	-
ACPWA-E	CW-7-L	8-Oct-98	-	< 0.05	120	-	< 0.005	-	-	-	-	-
ACPWA-E	CW-7	4-Dec-98	< 0.03	< 0.05	190	< 0.005	< 0.005	< 0.01	0.09	< 0.01	< 0.05	< 0.0005
ACPWA-E	CW-7	24-Feb-99	< 0.03	0.05	210	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
ACPWA-E	CW-7	27-May-99	< 0.05	0.019	54	< 0.004	< 0.005	< 0.005	< 0.05	< 0.05	< 0.005	< 0.0008
ACPWA-E	CW-7	16-Sep-99	< 0.03	0.08	200	< 0.009	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
ACPWA-E	CW-7	10-Dec-99	< 0.03	< 0.05	210	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
ACPWA-E	CW-7	29-Mar-00	< 0.03	0.057	200	< 0.005	< 0.005	< 0.01	< 0.01	0.016	< 0.05	< 0.0002
ACPWA-E	CW-7	15-Dec-00	< 0.06	0.023	210	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-7	27-Mar-01	< 0.06	0.041	140	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-7	11-Jun-01	< 0.06	0.028	160	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-W	CW-12	29-Sep-98	< 0.03	< 0.05	0.2	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0005
ACPWA-W	CW-12-H	8-Oct-98	-	< 0.05	-	-	< 0.005	-	-	-	-	-
ACPWA-W	CW-12-L	8-Oct-98	-	< 0.05	-	-	< 0.005	-	-	-	-	-
ACPWA-W	CW-12	8-Dec-98	< 0.03	< 0.05	0.22	< 0.005	< 0.005	0.01	< 0.01	0.01	< 0.05	< 0.0005
ACPWA-W	CW-12	23-Feb-99	< 0.03	< 0.05	0.05	< 0.005	< 0.005	< 0.01	< 0.01	0.02	< 0.05	< 0.0005
ACPWA-W	CW-12	27-May-99	< 0.05	< 0.005	0.11	< 0.004	< 0.005	< 0.005	< 0.05	< 0.05	< 0.005	< 0.0008
ACPWA-W	CW-12	23-Sep-99	< 0.03	< 0.05	0.7	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
ACPWA-W	CW-12	10-Dec-99	< 0.03	< 0.05	0.13	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
ACPWA-W	CW-12	29-Mar-00	< 0.03	< 0.05	0.053	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.0002
ACPWA-W	CW-12	15-Dec-00	< 0.06	< 0.005	0.055	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-W	CW-12	27-Mar-01	< 0.06	< 0.005	0.045	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-W	CW-12	11-Jun-01	< 0.06	< 0.005	0.077	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)	Chloride
		<b>MCL</b>	--	0.10	0.05	0.1 <sup>+</sup>	0.002	--	5			
ACPWA-E	CW-7	29-Sep-98	0.02	< 0.02	< 0.07	< 0.01	< 0.05	0.02	0.02	820	9.79	-
ACPWA-E	CW-7-D1	29-Sep-98	0.029	0.0089	< 0.005	< 0.005	< 0.005	0.031	0.2	-	-	-
ACPWA-E	CW-7-D2	29-Sep-98	-	-	-	-	-	-	-	770	-	-
ACPWA-E	CW-7-H	8-Oct-98	-	-	-	-	-	-	0.08	860	10.70	860
ACPWA-E	CW-7-L	8-Oct-98	-	-	-	-	-	-	0.28	880	10.50	880
ACPWA-E	CW-7	4-Dec-98	0.02	< 0.02	< 0.07	< 0.01	< 0.05	0.02	0.01	800	9.72	-
ACPWA-E	CW-7	24-Feb-99	0.02	< 0.02	< 0.07	< 0.01	< 0.05	0.01	0.03	710	8.31	-
ACPWA-E	CW-7	27-May-99	< 0.05	< 0.05	< 0.005	< 0.01	< 0.001	< 0.05	< 0.05	2,500	8.87	-
ACPWA-E	CW-7	16-Sep-99	0.03	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	< 0.01	870	8.46	-
ACPWA-E	CW-7	10-Dec-99	0.033	0.026	< 0.07	< 0.01	< 0.05	0.017	< 0.01	870	7.72	-
ACPWA-E	CW-7	29-Mar-00	0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	< 0.01	840	8.29	-
ACPWA-E	CW-7	15-Dec-00	0.027	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	< 0.02	890	10.48	-
ACPWA-E	CW-7	27-Mar-01	0.03	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.2	780	11.54	-
ACPWA-E	CW-7	11-Jun-01	0.021	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	< 0.02	810	10.3	-
ACPWA-W	CW-12	29-Sep-98	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.03	12,000	7.95	-
ACPWA-W	CW-12-H	8-Oct-98	-	-	-	-	-	-	1.8	13,000	7.80	5,900
ACPWA-W	CW-12-L	8-Oct-98	-	-	-	-	-	-	2.1	13,000	7.70	5,400
ACPWA-W	CW-12	8-Dec-98	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.05	13,000	7.53	-
ACPWA-W	CW-12	23-Feb-99	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.06	1,400	7.50	-
ACPWA-W	CW-12	27-May-99	< 0.05	< 0.05	< 0.005	< 0.01	< 0.005	< 0.05	0.056	2,500	8.10	-
ACPWA-W	CW-12	23-Sep-99	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	0.01	6,300	7.26	-
ACPWA-W	CW-12	10-Dec-99	< 0.01	0.042	< 0.07	< 0.01	< 0.05	< 0.01	0.44	17,000	6.03	-
ACPWA-W	CW-12	29-Mar-00	< 0.01	< 0.02	< 0.07	< 0.01	< 0.05	< 0.01	< 0.01	14,000	5.77	-
ACPWA-W	CW-12	15-Dec-00	< 0.02	< 0.02	0.0051	< 0.005	< 0.005	< 0.01	0.28	16,600	7.46	-
ACPWA-W	CW-12	27-Mar-01	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.89	2,620	8.24	-
ACPWA-W	CW-12	11-Jun-01	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.12	6,550	7.60	-

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)
		<b>MCL</b>	0.006	0.05	1	0.004	0.005	0.05	--	1.3 <sup>+</sup>	0.015 <sup>++</sup>	0.002
5050	CW-13	11-Sep-98	< 0.03	0.09	0.11	< 0.005	1.4	< 0.01	1.4	< 0.01	< 0.05	< 0.0005
5050	CW-13-H	8-Oct-98	-	< 0.05	-	-	1.2	-	-	-	-	-
5050	CW-13-L	8-Oct-98	-	< 0.05	-	-	1.2	-	-	-	-	-
5050	CW-13	8-Dec-98	< 0.03	< 0.05	0.12	< 0.005	1.0	0.02	0.77	0.02	< 0.05	< 0.0005
5050	CW-13	23-Feb-99	< 0.03	< 0.05	0.05	< 0.005	0.05	< 0.01	0.01	0.03	< 0.05	< 0.0005
5050	CW-13	27-May-99	< 0.05	< 0.005	< 0.05	< 0.004	0.99	< 0.005	0.77	< 0.05	< 0.005	< 0.0008
5050	CW-13	16-Sep-99	< 0.03	< 0.05	< 0.01	< 0.009	1.1	< 0.01	0.85	< 0.01	< 0.05	< 0.0002
5050	CW-13	10-Dec-99	0.038	< 0.05	0.23	< 0.005	1.3	0.034	1.1	0.017	< 0.05	< 0.0002
5050	CW-13	15-Dec-00	< 0.06	< 0.005	0.013	0.0022	0.72	< 0.01	0.68	0.036	0.0053	< 0.0002
5050	CW-13	27-Mar-01	< 0.06	< 0.005	0.012	< 0.002	0.46	< 0.01	0.46	0.027	0.0034	< 0.0002
5050	CW-13	11-Jun-01	< 0.06	< 0.005	0.012	0.0028	0.82	< 0.01	0.83	0.07	0.0076	< 0.0002

**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 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)	Chloride
	MCL		--	0.10	0.05	0.1 <sup>+</sup>	0.002	--	5			
5050	CW-13	11-Sep-98	< 0.01	2.8	< 0.07	< 0.01	< 0.05	< 0.01	1,900	8,600	5.66	-
5050	CW-13-H	8-Oct-98	-	-	-	-	-	-	1,300	9,300	5.60	1,100
5050	CW-13-L	8-Oct-98	-	-	-	-	-	-	1,200	9,100	5.60	920
5050	CW-13	8-Dec-98	< 0.01	2.2	< 0.07	< 0.01	< 0.05	< 0.01	990	7,600	7.64	-
5050	CW-13	23-Feb-99	< 0.01	0.12	< 0.07	< 0.01	< 0.05	< 0.01	40	1,400	6.71	-
5050	CW-13	27-May-99	< 0.05	2.3	< 0.005	< 0.01	< 0.005	< 0.05	1,000	5,300	6.30	-
5050	CW-13	16-Sep-99	< 0.01	2.8	< 0.07	< 0.01	< 0.05	< 0.01	770	8,300	5.98	-
5050	CW-13	10-Dec-99	0.012	3.1	< 0.07	< 0.01	< 0.05	< 0.01	280	8,800	7.00	-
5050	CW-13	15-Dec-00	< 0.02	1.9	0.02	< 0.005	0.069	< 0.01	920	7,420	6.16	-
5050	CW-13	27-Mar-01	< 0.02	1.2	0.019	< 0.005	0.042	< 0.01	520	5,840	6.08	-
5050	CW-13	11-Jun-01	< 0.02	2.2	0.028	< 0.005	0.081	< 0.01	860	7,070	6.35	-

**FOOTNOTES:**

(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

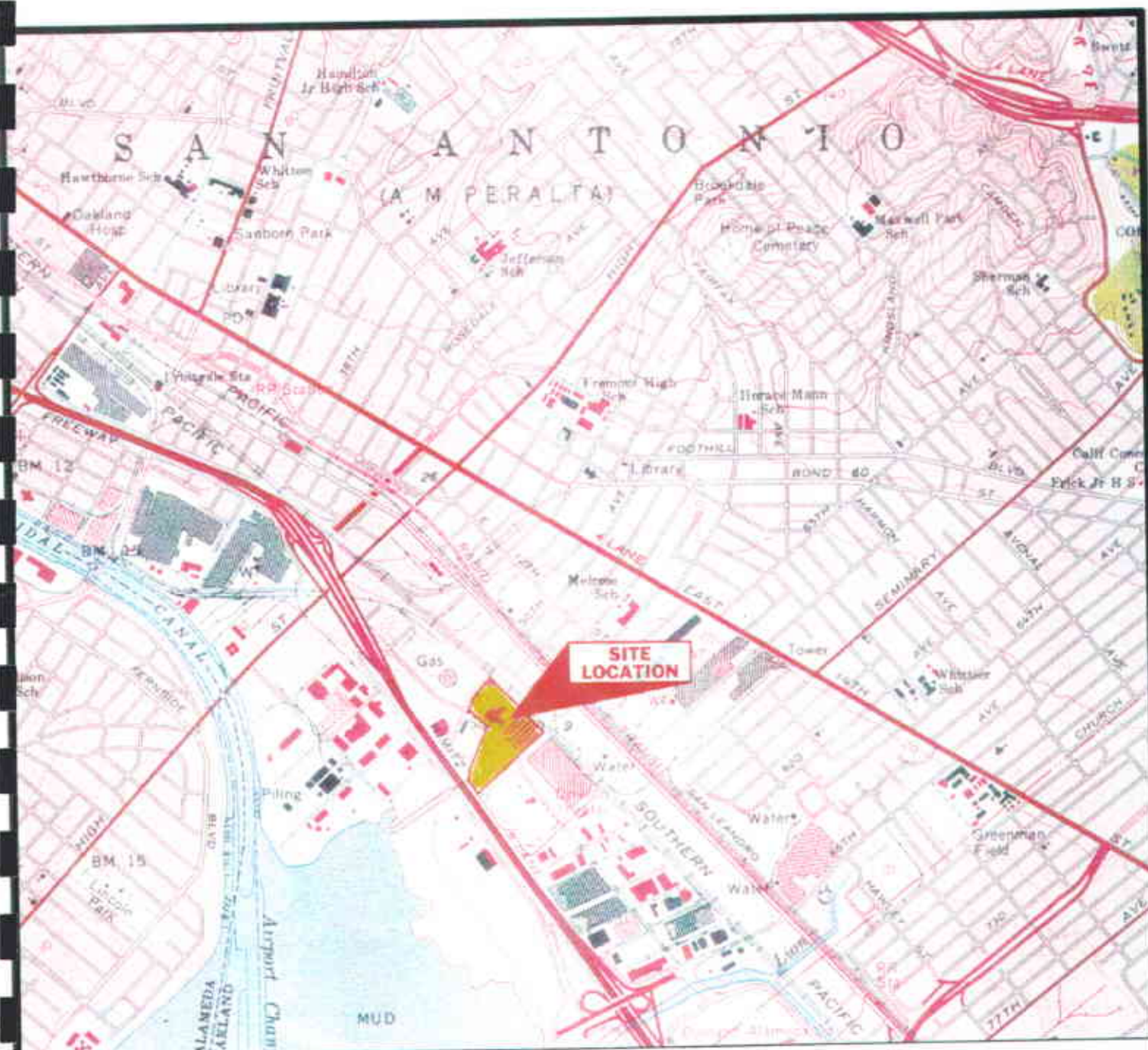
(SU) = Standard Units for pH, typically reported from field data, some are laboratory analysis

\* = 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)

- = Not analyzed



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

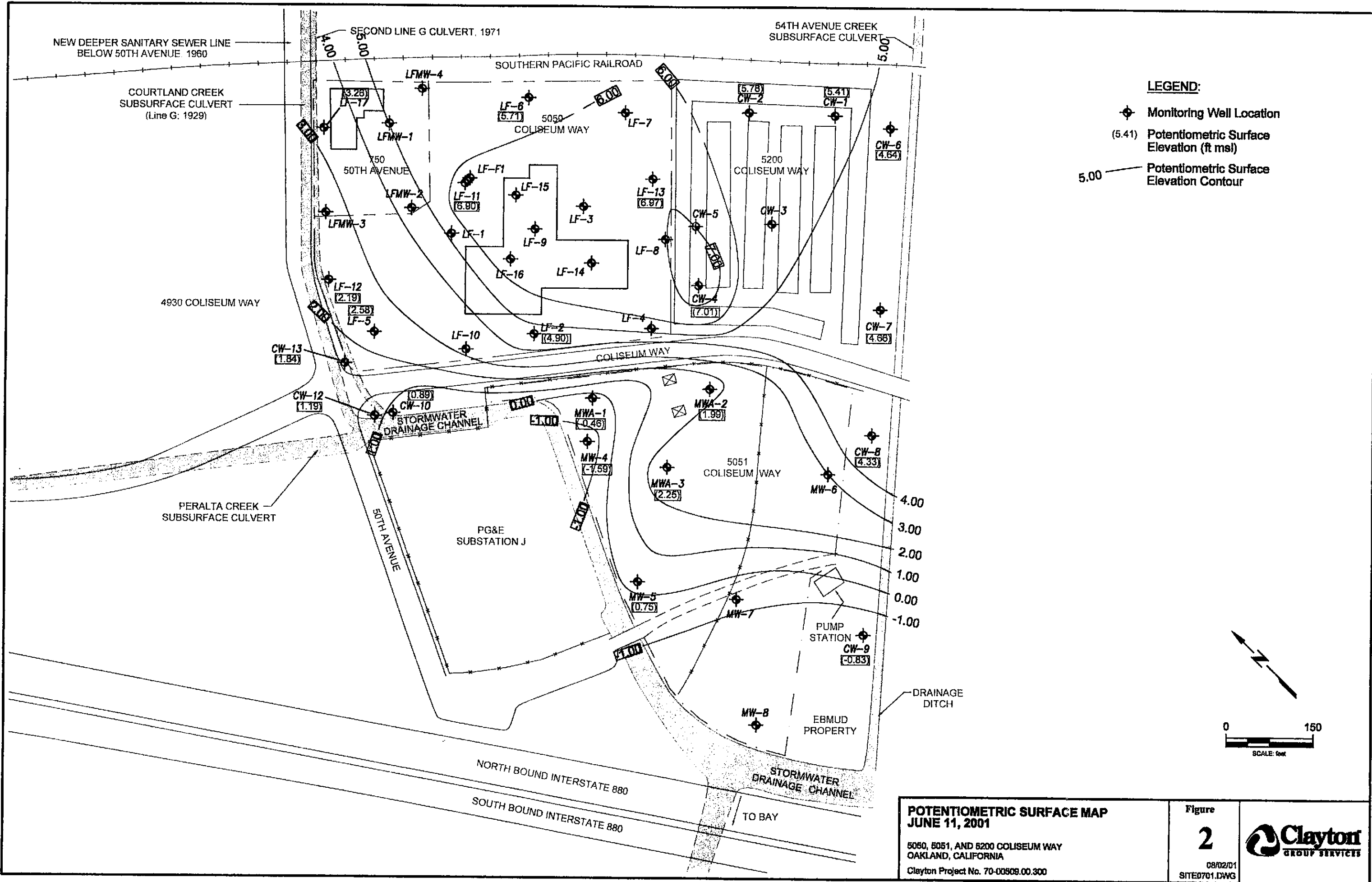


SITE LOCATION MAP  
 Coliseum Way Properties  
 Oakland, California

Clayton Project No. 70-00509.00.300

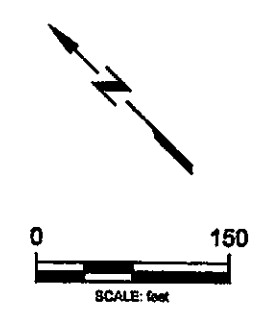
Figure  
**1**



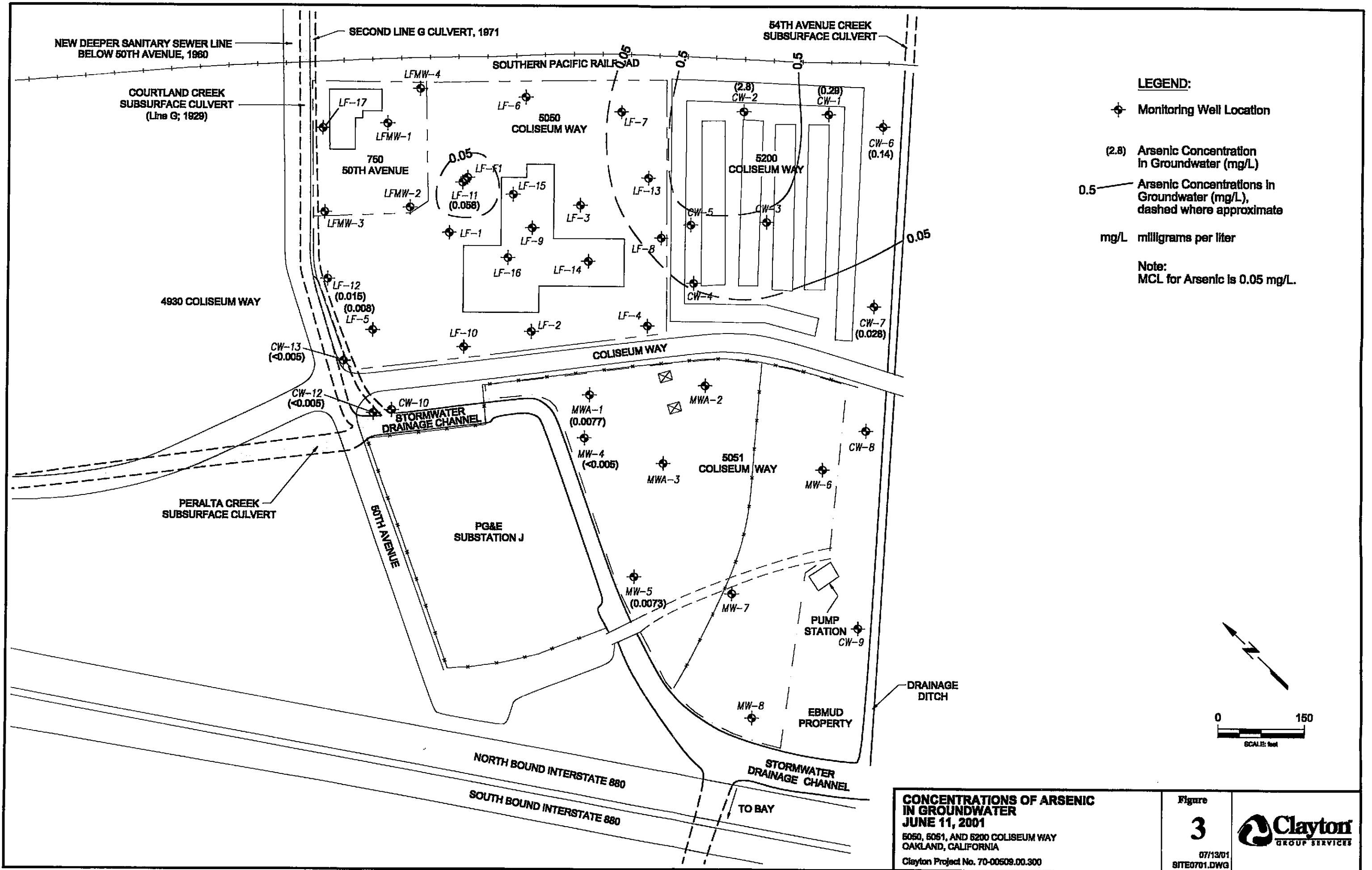


**LEGEND:**

- ⊕ Monitoring Well Location
- (5.41) Potentiometric Surface Elevation (ft msl)
- 5.00 — Potentiometric Surface Elevation Contour



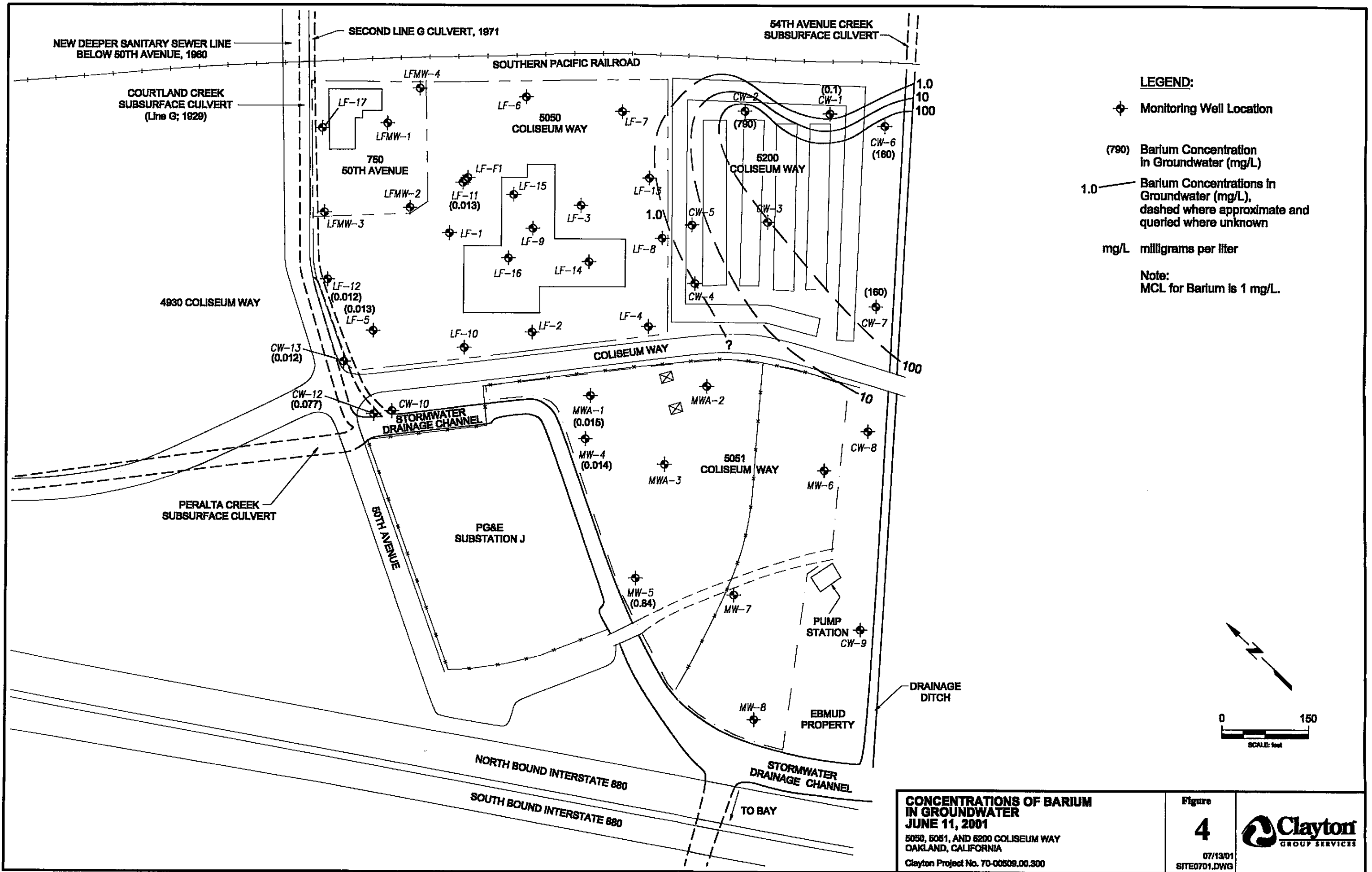
<p><b>POTENTIOMETRIC SURFACE MAP</b>  <b>JUNE 11, 2001</b></p> <p>5050, 5051, AND 5200 COLISEUM WAY          OAKLAND, CALIFORNIA          Clayton Project No. 70-00509.00.300</p>	<p>Figure  <b>2</b></p> <p>08/02/01          SITE0701.DWG</p>	
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**CONCENTRATIONS OF ARSENIC IN GROUNDWATER**  
**JUNE 11, 2001**  
 5050, 5051, AND 5200 COLISEUM WAY  
 OAKLAND, CALIFORNIA  
 Clayton Project No. 70-00609.00.300

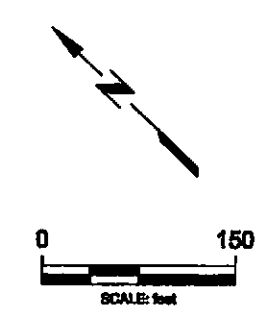
Figure  
**3**  
 07/13/01  
 SITE0701.DWG





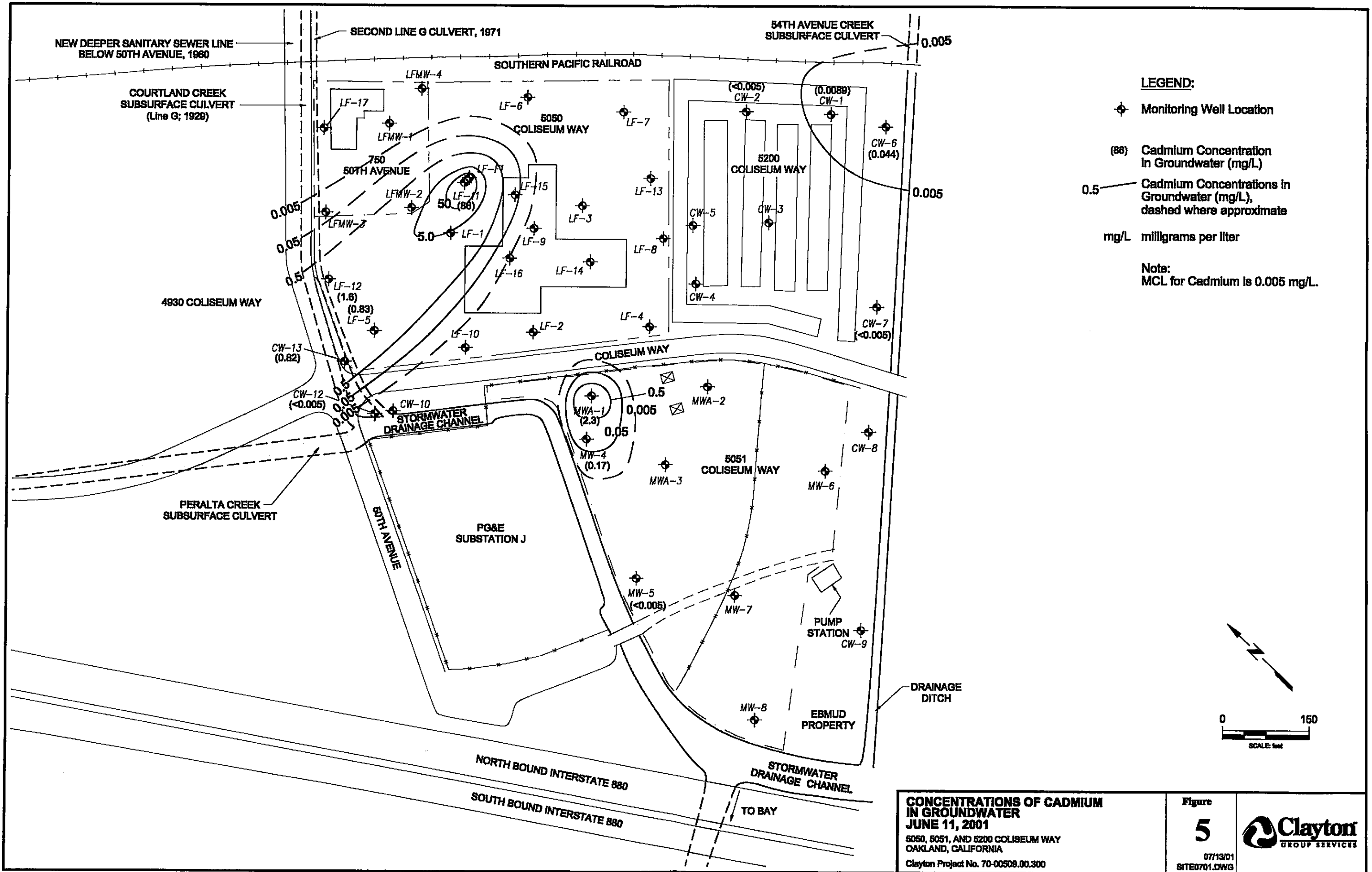
**LEGEND:**

- ⊕ Monitoring Well Location
- (790) Barium Concentration in Groundwater (mg/L)
- 1.0 — Barium Concentrations in Groundwater (mg/L), dashed where approximate and queried where unknown
- mg/L milligrams per liter
- Note: MCL for Barium is 1 mg/L.



<p><b>CONCENTRATIONS OF BARIUM IN GROUNDWATER</b>  <b>JUNE 11, 2001</b>          5050, 5051, AND 5200 COLISEUM WAY          OAKLAND, CALIFORNIA          Clayton Project No. 70-00509.00.300</p>	<p>Figure  <b>4</b>          07/13/01          SITE0701.DWG</p>	
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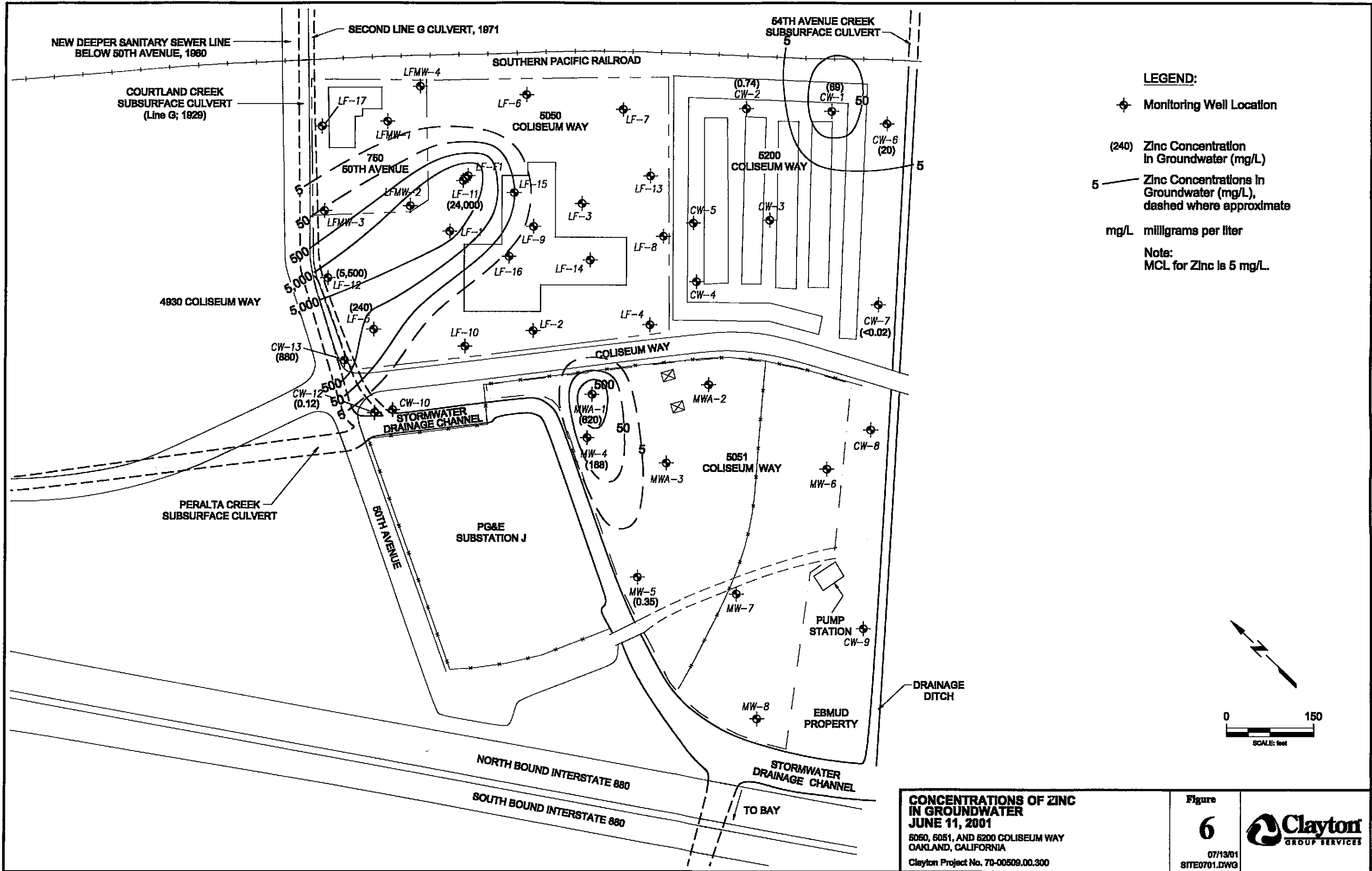
**LEGEND:**

- ⊕ Monitoring Well Location
- (88) Cadmium Concentration in Groundwater (mg/L)
- 0.5 — Cadmium Concentrations in Groundwater (mg/L), dashed where approximate
- mg/L milligrams per liter

**Note:**  
MCL for Cadmium is 0.005 mg/L.

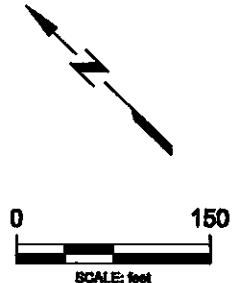
**CONCENTRATIONS OF CADMIUM IN GROUNDWATER**  
**JUNE 11, 2001**  
 5050, 5051, AND 5200 COLISEUM WAY  
 OAKLAND, CALIFORNIA  
 Clayton Project No. 70-00508.00.300

Figure	<b>5</b>	
07/13/01 SITE0701.DWG		



**CONCENTRATIONS OF ZINC IN GROUNDWATER**  
**JUNE 11, 2001**  
 5050, 5051, AND 5200 COLISEUM WAY  
 OAKLAND, CALIFORNIA  
 Clayton Project No. 70-00509.00.300

Figure  
**6**  
 07/13/01  
 SITE0701.DWG



**APPENDIX A**

**GROUNDWATER SAMPLING DATA SHEETS**

**GROUNDWATER SAMPLING DATA SHEET**

Job Location: 5050 Coliseum Way Oakland	Job #: 70-97203.00.300 Date Purged: Purge Method: Purge Rate: Date & Time Sampled: 7/11/01 Sampling Method: Sample Type: TPH-G/BTEX TPH-D/O CAM-17 TDS Preservatives: HCl # of Containers: 3 VOAs, 2-L, 2P Field Tech: Weather Conditions:
Sampling Location: LF-2	
Top of Casing: 9.84 ft, msl Depth to Water: 4.94 ft Groundwater Elevation: ft, msl Bottom of Well Casing: -5.16 ft, msl Water Column: ft. (WC X 0.16) Well Casing Volume: gal Casing Volumes Purged:	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
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Field Notes:

**GROUNDWATER SAMPLING DATA SHEET**

Job Location:	5050 Coliseum Way	Job #:	70-97203.00.300
	Oakland	Date Purged:	
Sampling Location:	LF-5	Purge Method:	
Top of Casing:	8.03 ft, msl	Purge Rate:	
Depth to Water:	5.45 ft	Date & Time Sampled:	6/11/01
Groundwater Elevation:	ft, msl	Sampling Method:	
Bottom of Well Casing:	-13.47 ft, msl	Sample Type:	CAM-17 TDS
Water Column:	14.05 ft. (WC X 0.16)	Preservatives:	
Well Casing Volume:	<del>4.25</del> gal → 2.5	# of Containers:	2P
Casing Volumes Purged:		Field Tech:	
		Weather Conditions:	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
2:41	0	6.86	22.8	101	20.1	36.2
2:43	2.5	6.26	14.12	78	20.2	11.7
2:45	2.5	6.45	14.23	68	20.0	4.6
2:47	2.5	6.83	16.95	48	19.0	0.9
2:49	2.5	6.05	18.95	53	20.2	1.9
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Field Notes:

**GROUNDWATER SAMPLING DATA SHEET**

Job Location: 5050 Coliseum Way Oakland	Job #: 70-97203.00.300
Sampling Location: LF-6	Date Purged:
Top of Casing: 11.59 ft, msl	Purge Method:
Depth to Water: 5.88 ft	Purge Rate:
Groundwater Elevation: ft, msl	Date & Time Sampled: 6/11/01
Bottom of Well Casing: -9.41 ft, msl	Sampling Method:
Water Column: ft. (WC X 0.16)	Sample Type: CAM-17 TDS
Well Casing Volume: gal	Preservatives:
Casing Volumes Purged:	# of Containers: 2P
	Field Tech:
	Weather Conditions:

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
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Field Notes:

**GROUNDWATER SAMPLING DATA SHEET**

Job Location:	5050 Coliseum Way	Job #:	70-97203.00.300
	Oakland	Date Purged:	
Sampling Location:	<b>LF-11</b>	Purge Method:	
Top of Casing:	8.96 ft, msl	Purge Rate:	
Depth to Water:	7.00 ft 2,06 msl	Date & Time Sampled:	6/11/01
Groundwater Elevation:	ft, msl	Sampling Method:	
Bottom of Well Casing:	-11.04 ft, msl	Sample Type:	TPH-D/O CAM-17 TDS
Water Column:	18.4 ft. (WC X 0.64)	Preservatives:	HCl
Well Casing Volume:	8.28 gal	# of Containers:	2-L, 2P
Casing Volumes Purged:		Field Tech:	
		Weather Conditions:	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
2:03	0	4.64	30.6	171	22.3	1.0
2:05	8	4.66	23.5	172	22.2	3.1
2:00	8	4.74	14.9	168	22.4	7.0
2:13	7	4.30	26.6	192	22.3	2.7
2:17	7	4.18	30.3	201	21.5	2.3
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Field Notes:

**GROUNDWATER SAMPLING DATA SHEET**

Job Location:	5050 Coliseum Way	Job #:	70-97203.00.300
	Oakland	Date Purged:	
Sampling Location:	<b>LF-12</b>	Purge Method:	
Top of Casing:	8.70 ft, msl	Purge Rate:	
Depth to Water:	<del>6.51</del> 6.51 ft	Date & Time Sampled:	6/11/01
Groundwater Elevation:	ft, msl	Sampling Method:	
Bottom of Well Casing:	-6.30 ft, msl	Sample Type:	CAM-17 TDS
Water Column:	8.44 ft. (WC X 0.64)	Preservatives:	
Well Casing Volume:	5.4 gal	# of Containers:	2P
Casing Volumes Purged:		Field Tech:	
		Weather Conditions:	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
2:24	0	4.90	8.83	158	20.5	30.5
2:26	5	4.56	7.86	175	21.0	8.7
2:28	5	4.49	7.00	173	21.6	4.1
2:30	5	4.45	7.42	183	21.3	3.9
2:34	5	4.45	7.78	168	20.2	2.3
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Field Notes:





















### GROUNDWATER SAMPLING DATA SHEET

Job Location: 5200 Coliseum Way Oakland	Job #: 70-97203.00.300
Sampling Location: <b>CW-2</b>	Date Purged:
Top of Casing: 14.88 ft, msl	Purge Method:
Depth to Water: <del>14.88</del> <b>9.10</b> ft	Purge Rate:
Groundwater Elevation: ft, msl	Date & Time Sampled: <b>6/11/01</b>
Bottom of Well Casing: 1.38 ft, msl	Sampling Method:
Water Column: <b>4.4</b> ft. (WC X 0.16)	Sample Type: TPH-G/BTEX TPH-D/O CAM-17 TDS
Well Casing Volume: <b>1.704</b> gal	Preservatives: HCl
Casing Volumes Purged:	# of Containers: 3 VOAs, 2-L, 2P
	Field Tech:
	Weather Conditions:

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
11:21	0	7.67	2.55	4	22.4	1.9
11:23	17	7.70	2.55	0	22.0	14.2
11:26	17	7.82	2.17	12	22.3	11.2
11:28	17	8.41	1.823	13	21.7	4.0
11:30	17	7.96	1.637	21	21.5	3.4
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Field Notes:

### GROUNDWATER SAMPLING DATA SHEET

Job Location: 5200 Coliseum Way	Job #: 70-97203.00.300
Oakland	Date Purged:
	Purge Method:
Sampling Location: <b>CW-4</b>	Purge Rate:
Top of Casing: 14.76 ft, msl	Date & Time Sampled: 6/11/06
Depth to Water: 7.75 ft	Sampling Method:
Groundwater Elevation: ft, msl	Sample Type: TPH-G/BTEX TPH-D/O CAM-17 TDS
Bottom of Well Casing: 0.76 ft, msl	Preservatives: HCl
Water Column: ft. (WC X 0.16)	# of Containers: 3 VOAs, 2-L, 2P
Well Casing Volume: gal	Field Tech:
Casing Volumes Purged:	Weather Conditions:

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
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Field Notes:

**GROUNDWATER SAMPLING DATA SHEET**

Job Location:	ACPWA Coliseum Way	Job #:	70-97203.00.300
	Oakland	Date Purged:	
Sampling Location:	<b>CW-6</b>	Purge Method:	
Top of Casing:	13.20 ft, msl	Purge Rate:	
Depth to Water:	8.56 ft	Date & Time Sampled:	6/11/05
Groundwater Elevation:	ft, msl	Sampling Method:	
Bottom of Well Casing:	-1.40 ft, msl	Sample Type:	TPH-G/BTEX TPH-D/O CAM-17 TDS
Water Column:	6.54 ft. (WC X 0.16)	Preservatives:	HCl
Well Casing Volume:	~ 9.4 gal	# of Containers:	3 VOAs, 2-L, 2P
Casing Volumes Purged:		Field Tech:	
		Weather Conditions:	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
12:09	0	8.16	3.06	42	20.9	124
12:12	1	7.91	2.23	17	21.5	48.5
12:15	1	7.60	2.95	10	21.8	67.7
12:17	1	7.72	2.91	6	21.8	11.3
12:20	1	1.03	3.10	4	21.1	51.6
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Field Notes:

**GROUNDWATER SAMPLING DATA SHEET**

Job Location:	ACPWA Coliseum Way	Job #:	70-97203.00.300
	Oakland	Date Purged:	
Sampling Location:	<b>CW-7</b>	Purge Method:	
Top of Casing:	ft, msl	Purge Rate:	
Depth to Water:	7.2 ft	Date & Time Sampled:	6/11/01
Groundwater Elevation:	ft, msl	Sampling Method:	
Bottom of Well Casing:	-17.00 ft, msl	Sample Type:	TPH-G/BTEX TPH-D/O CAM-17 TDS
Water Column:	11.86 ft. (WC X 0.16)	Preservatives:	HCl
Well Casing Volume:	1.89 gal	# of Containers:	3 VOAs, 2-L, 2P
Casing Volumes Purged:		Field Tech:	
		Weather Conditions:	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
9:48	0	8.75	4.73	67	22.3	65.5
10:34	0.7	11.09	1.45	202	20.2	3.63
12:00	1.8	10.85	1.050	190	20.7	4.5
11:03	2.8	10.30	1.04	156	10.9	1.9
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Field Notes:

**GROUNDWATER SAMPLING DATA SHEET**

Job Location:	ACPWA Coliseum Way	Job #:	70-97203.00.300
	Oakland	Date Purged:	
Sampling Location:	<b>CW-8</b>	Purge Method:	
Top of Casing:	9.24 ft, msl	Purge Rate:	
Depth to Water:	<b>4.91</b> ft	Date & Time Sampled:	6/11/21
Groundwater Elevation:	ft, msl	Sampling Method:	
Bottom of Well Casing:	-9.96 ft, msl	Sample Type:	TPH-G/BTEX TPH-D/O CAM-17 TDS
Water Column:	ft. (WC X 0.16)	Preservatives:	HCl
Well Casing Volume:	gal	# of Containers:	3 VOAs, 2-L, 2P
Casing Volumes Purged:		Field Tech:	
		Weather Conditions:	

Time	Volume Removed (gal)	pH	Specific Conductivity ( $\mu$ mhos/cm)	Redox Potential (mVolts)	Temperature ( $^{\circ}$ F or $^{\circ}$ C)	Turbidity (Visual or NTUs)
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Field Notes:

**GROUNDWATER SAMPLING DATA SHEET**

Job Location:	EBMUD Coliseum Way	Job #:	70-97203.00.300
	Oakland	Date Purged:	
Sampling Location:	<b>CW-9</b>	Purge Method:	
Top of Casing:	10.35 ft, msl	Purge Rate:	
Depth to Water:	11.18 ft	Date & Time Sampled:	6/11/03
Groundwater Elevation:	ft, msl	Sampling Method:	
Bottom of Well Casing:	-8.85 ft, msl	Sample Type:	CAM-17 TDS
Water Column:	ft. (WC X 0.16)	Preservatives:	
Well Casing Volume:	gal	# of Containers:	2P
Casing Volumes Purged:		Field Tech:	
		Weather Conditions:	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
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Field Notes:

### GROUNDWATER SAMPLING DATA SHEET

Job Location: ACPWA Coliseum Way	Job #: 70-97203.00.300
Oakland	Date Purged:
Sampling Location: <b>CW-10</b>	Purge Method:
Top of Casing: 8.33 ft, msl	Purge Rate:
Depth to Water: <b>7.44</b> ft	Date & Time Sampled: <i>6/1/21</i>
Groundwater Elevation: ft, msl	Sampling Method:
Bottom of Well Casing: -6.27 ft, msl	Sample Type: CAM-17 TDS
Water Column: ft. (WC X 0.16)	Preservatives:
Well Casing Volume: gal	# of Containers: 2P
Casing Volumes Purged:	Field Tech:
	Weather Conditions:

Time	Volume Removed (gal)	pH	Specific Conductivity ( $\mu$ mhos/cm)	Redox Potential (mVolts)	Temperature ( $^{\circ}$ F or $^{\circ}$ C)	Turbidity (Visual or NTUs)
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### GROUNDWATER SAMPLING DATA SHEET

Job Location: ACPWA Coliseum Way	Job #: 70-97203.00.300
Oakland	Date Purged:
Sampling Location: <b>CW-12</b>	Purge Method:
Top of Casing: 7.84 ft, msl	Purge Rate:
Depth to Water: 6.65 ft	Date & Time Sampled: 6/1/01
Groundwater Elevation: ft, msl	Sampling Method:
Bottom of Well Casing: -6.76 ft, msl	Sample Type: CAM-17 TDS
Water Column: 7.45 ft. (WC X 0.16)	Preservatives:
Well Casing Volume: 1.2 gal	# of Containers: 2P
Casing Volumes Purged:	Field Tech:
	Weather Conditions:

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
2:54	0	6.00	8.61	37	18.5	WASH → 154
2:56	1.2	7.32	7.64	14	18.4	175
2:58	1.2	7.00	8.15	1	18.3	183
3:00	1.2	7.68	8.63	6	19.1	155
3:02	1.2	7.00	9.91	1	18.4	135
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Field Notes:  
 pumped for @ 2:57



**GROUNDWATER SAMPLING DATA SHEET**

Job Location:	5050 Coliseum Way	Job #:	70-97203.00.300
	Oakland	Date Purged:	
Sampling Location:	<b>CW-13</b>	Purge Method:	
Top of Casing:	7.47 ft, msl	Purge Rate:	
Depth to Water:	5.63 ft	Date & Time Sampled:	6/11/01
Groundwater Elevation:	ft, msl	Sampling Method:	
Bottom of Well Casing:	-3.33 ft, msl	Sample Type:	TPH-G/BTEX TPH-D/O CAM-17 TDS
Water Column:	5.17 ft. (WC X 0.16)	Preservatives:	HCl
Well Casing Volume:	18 gal	# of Containers:	3 VOAs, 2-L, 2P
Casing Volumes Purged:		Field Tech:	
		Weather Conditions:	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual or NTUs)
3:09	0	7.11	6.98	18	18.8	2.1
3:10	.8	6.83	6.31	80	20.0	8
3:13	.8	6.51	6.31	67	19.8	26.3
3:15	.8	6.33	6.74	75	20.4	18.9
3:17	.7	6.35	6.37	70	19.2	8.6
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Field Notes:

**APPENDIX B**

**LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OF-  
CUSTODY DOCUMENTATION**



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L   R E P O R T

Prepared for:

Clayton Group Services  
6920 Koll Center Parkway  
Suite 216  
Pleasanton, CA 94566

Date: 25-JUN-01  
Lab Job Number: 152496  
Project ID: 70-00509.00  
Location: Coliseum

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by:

  
Project Manager

Reviewed by:

  
Operations Manager

This package may be reproduced only in its entirety.

Lab Number: **152496**  
Client: **Clayton**  
Location: **Coliseum**  
Project: **70-00509.00**

Receipt Date: **06/11/01**

### **CASE NARRATIVE**

This hardcopy data package contains sample and QC results for twelve water samples that were received on June 11, 2001. All samples were received cold and intact.

**TVH Gasoline / BTXE:** High percent surrogate recovery was observed for Bromofluorobenzene in sample ID MWA-1 (C&T#152496-005) due to coelution with a hydrocarbon peak. No other analytical problems were encountered.

**TEH:** No analytical problems were encountered.

**Metals:** No analytical problems were encountered.

**Wet Chemistry:** No analytical problems were encountered.

152496

# Clayton LABORATORY SERVICES

## REQUEST FOR LABORATORY ANALYTICAL SERVICES

### IMPORTANT

Date Results Requested: STD

Rush Charges Authorized?  Yes  No

Phone or  Fax Results

For Clayton Use Only  
Clayton Lab Project No.

REPORT RESULTS TO	Name	<u>Mark Williams</u>	Client Job No.	<u>70-00509,00300</u>	Purchase Order No.		
	Company	<u>Clayton</u>	Dept.		Name		
	Mailing Address	<u>6470 Holt Center Parkway Suite 216</u>				Company	
	City, State, Zip	<u>Pleasanton CA 94566</u>				Address	
Telephone No.	<u>925 426 2857</u>	FAX No.	<u>925 426 0106</u>		City, State, Zip		

SEND INVOICE TO

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

Samples are:  
(check if applicable)

Drinking Water  
 Groundwater  
 Wastewater

\* Explanation of Preservative

### 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	ANALYSIS REQUESTED				FOR LAB USE ONLY
						TPH-2/15	TPH-9/BTEX	COM-17	IDS	
-1 LF-5	6/11/01		Groundwater		3		X	X		
-2 LF-11	↓	↓			5	X	X	X		
-3 LF-12					3		X	X		
-4 MWA-3					3		X	X		
-5 MWA-1					3	X	X	X		
-6 MWA-4					6	X	X	X		
-7 MWA-5					3		X	X		
-8 CW-12					3		X	X		

Received  On Ice

Cold  Ambient  Intact

Preservation Correct?

Yes  No  N/A

CHAIN OF CUSTODY	Collected by:	<u>Mark Williams</u>	(print)	Collector's Signature:	<u>[Signature]</u>
	Relinquished by:	<u>Mark Williams</u>	Date/Time <u>6/11/01</u>	Received by:	<u>[Signature]</u>
	Relinquished by:		Date/Time	Received by:	
	Method of Shipment:		Date/Time	Received at Lab by:	

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 Group Services, Inc. labs listed below:

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

**Atlanta Regional Lab**  
3380 Chastain Meadows Parkway, Suite 300  
Kennesaw, GA 30144  
(800) 252-9919  
(770) 499-7500  
FAX (770) 423-4990

**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

## REQUEST FOR LABORATORY ANALYTICAL SERVICES

**IMPORTANT**

Date Results Requested: 6/11/01 STD  
 Rush Charges Authorized?  Yes  No  
 Phone or  Fax Results

For Clayton Use Only  
 Clayton Lab Project No.

<b>REPORT RESULTS TO</b>	Name <u>Mark Williams</u>	Client Job No. <u>70-00509, 00300</u>	Purchase Order No.
	Company <u>Clayton</u>	Dept. <u>ERMR</u>	Name
	Mailing Address <u>6620 Kroll Center Parkway Suite 216</u>	City, State, Zip <u>Piedmont, GA 30456</u>	Company
	Telephone No. <u>925 426 2657</u>	FAX No. <u>925 426 0106</u>	Address
			City, State, Zip

**SEND INVOICE TO**

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

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

\* Explanation of Preservative

Number of Containers	ANALYSIS REQUESTED					FOR LAB USE ONLY
	(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.)					
	TPH-D10	TPH-D/BTSA	CAM-D	ES		
3		X	X			
3	X	X	X	X		
3	X	X	X	X		
3	X	X	X	X		

-9  
-10  
-11  
-12

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)
CW-1	6/11/01		GROUNDWATER	
CW-2				
CW-6				
CW-7				

<b>CHAIN OF CUSTODY</b>	Collected by: <u>Mark Williams</u> (print)	Collector's Signature: <u>[Signature]</u>
	Relinquished by: <u>[Signature]</u>	Date/Time <u>6/11/01</u>
	Relinquished by: <u>[Signature]</u>	Date/Time <u>6/11/01 1610</u>
	Method of Shipment:	Received at Lab by: <u>[Signature]</u>
Authorized by: _____ Date _____	Sample Condition Upon Receipt: <input type="checkbox"/> Acceptable <input type="checkbox"/> Other (explain)	

Please return completed form and samples to one of the Clayton Group Services, 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**  
3380 Chastain Meadows Parkway, Suite 300  
Kennesaw, GA 30144  
(800) 252-9919  
(770) 499-7500  
FAX (770) 423-4990
- 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



## Gasoline by GC/FID CA LUPT

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 5030
Project#:	70-00509.00	Analysis:	EPA 8015M
Matrix:	Water	Batch#:	64232
Units:	ug/L	Sampled:	06/11/01
Diln Fac:	1.000	Received:	06/11/01

Field ID:	MWA-1	Lab ID:	152496-005
Type:	SAMPLE	Analyzed:	06/13/01

Analyte	Result	RL
Gasoline C7-C12	500 H Y	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	59-135
Bromofluorobenzene (FID)	153 *	60-140

Field ID:	MW-4	Lab ID:	152496-006
Type:	SAMPLE	Analyzed:	06/12/01

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	59-135
Bromofluorobenzene (FID)	110	60-140

Field ID:	CW-2	Lab ID:	152496-010
Type:	SAMPLE	Analyzed:	06/12/01

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	59-135
Bromofluorobenzene (FID)	117	60-140

\*= Value outside of QC limits; see narrative

H= Heavier hydrocarbons contributed to the quantitation

Y= Sample exhibits fuel pattern which does not resemble standard

D= Not Detected

L= Reporting Limit

**Gasoline by GC/FID CA LUFT**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 5030
Project#:	70-00509.00	Analysis:	EPA 8015M
Matrix:	Water	Batch#:	64232
Units:	ug/L	Sampled:	06/11/01
Diln Fac:	1.000	Received:	06/11/01

Field ID:	CW-6	Lab ID:	152496-011
Type:	SAMPLE	Analyzed:	06/12/01

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	59-135
Bromofluorobenzene (FID)	108	60-140

Field ID:	CW-7	Lab ID:	152496-012
Type:	SAMPLE	Analyzed:	06/13/01

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	59-135
Bromofluorobenzene (FID)	111	60-140

Type:	BLANK	Analyzed:	06/12/01
Lab ID:	QC147672		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	59-135
Bromofluorobenzene (FID)	101	60-140

\*= Value outside of QC limits; see narrative  
 H= Heavier hydrocarbons contributed to the quantitation  
 Y= Sample exhibits fuel pattern which does not resemble standard  
 D= Not Detected  
 L= Reporting Limit





**Benzene, Toluene, Ethylbenzene, Xylenes**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 5030
Project#:	70-00509.00	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	64232
Units:	ug/L	Sampled:	06/11/01
Diln Fac:	1.000	Received:	06/11/01

Field ID:	MWA-1	Lab ID:	152496-005
Type:	SAMPLE	Analyzed:	06/13/01

Analyte	Result	RL
Benzene	0.59 C	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	106	56-142
Bromofluorobenzene (PID)	137	55-149

Field ID:	MW-4	Lab ID:	152496-006
Type:	SAMPLE	Analyzed:	06/12/01

Analyte	Result	RL
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	106	56-142
Bromofluorobenzene (PID)	113	55-149

Field ID:	CW-2	Lab ID:	152496-010
Type:	SAMPLE	Analyzed:	06/12/01

Analyte	Result	RL
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	106	56-142
Bromofluorobenzene (PID)	110	55-149



## Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 5030
Project#:	70-00509.00	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	64232
Units:	ug/L	Sampled:	06/11/01
Diln Fac:	1.000	Received:	06/11/01

Field ID:	CW-6	Lab ID:	152496-011
Type:	SAMPLE	Analyzed:	06/12/01

Analyte	Result	RL
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	106	56-142
Bromofluorobenzene (PID)	111	55-149

Field ID:	CW-7	Lab ID:	152496-012
Type:	SAMPLE	Analyzed:	06/13/01

Analyte	Result	RL
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	106	56-142
Bromofluorobenzene (PID)	111	55-149

Type:	BLANK	Analyzed:	06/12/01
Lab ID:	QC147672		

Analyte	Result	RL
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	103	56-142
Bromofluorobenzene (PID)	103	55-149

C= Presence confirmed, but confirmation concentration differed by more than a factor of two

D= Not Detected

L= Reporting Limit

# GC04 TVH 'J' Data File FID

Sample Name : 152496-005,64232

Sample #: A1

Page 1 of 1

FileName : G:\GC04\DATA\163J018.raw

Date : 6/13/01 01:24 AM

Method : TVHBTXE

Time of Injection: 6/13/01 12:58 AM

Start Time : 0.00 min

End Time : 26.00 min

Low Point : 54.66 mV

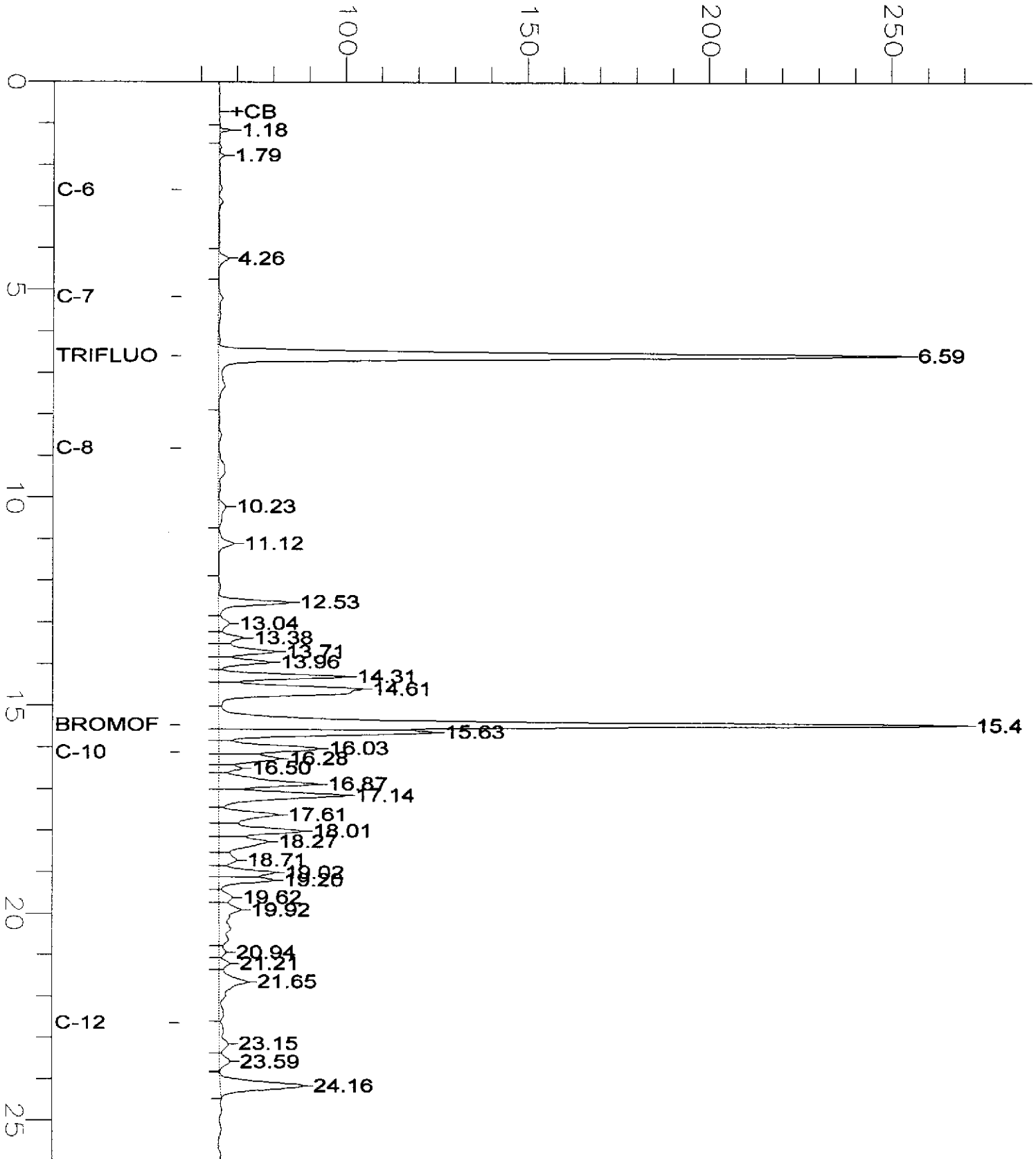
High Point : 270.61 mV

Scale Factor: 1.0

Plot Offset: 55 mV

Plot Scale: 216.0 mV

## Response [mV]

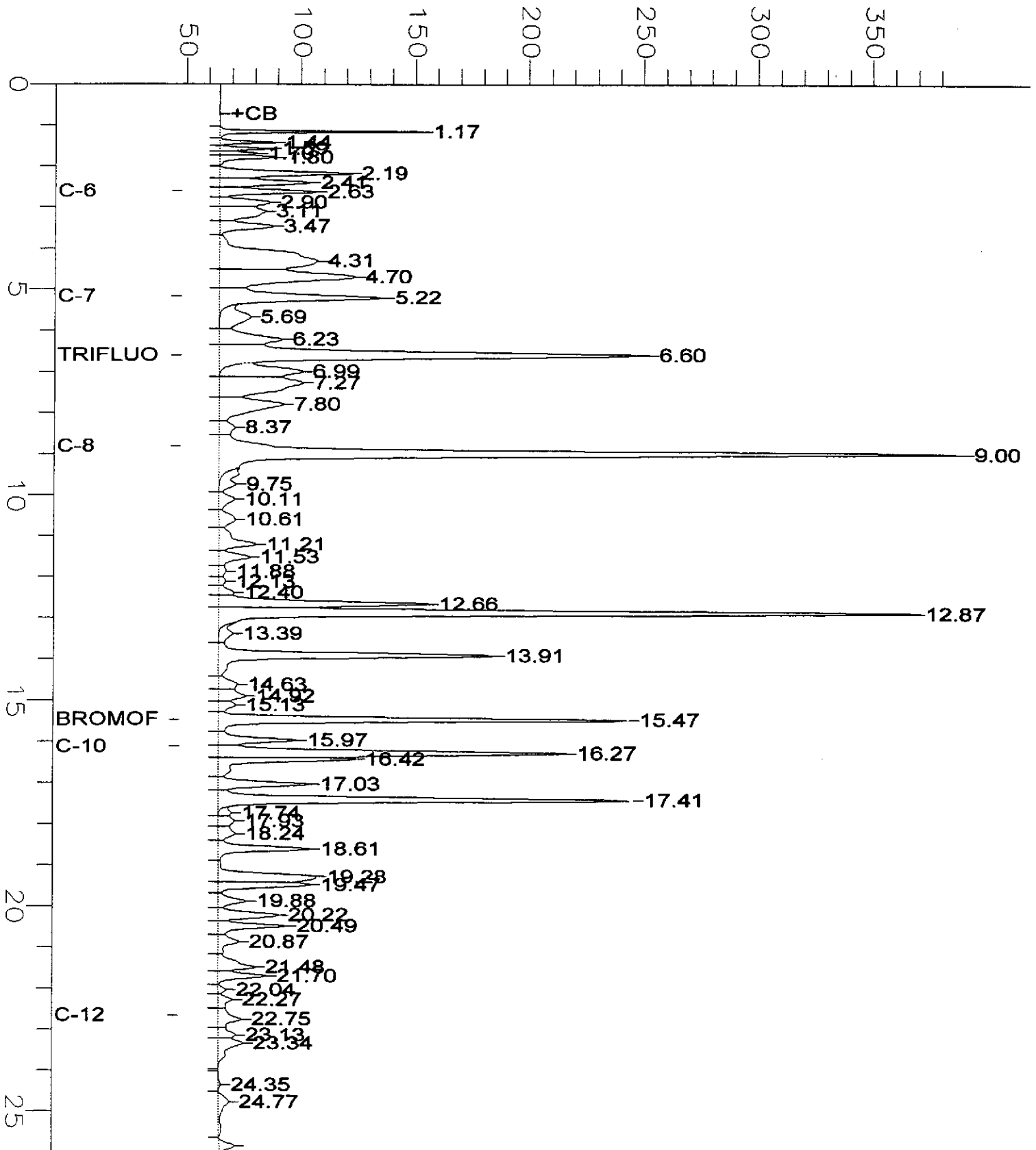


# GC04 TVH 'J' Data File FID

Sample Name : CCV/LCS, QC147673, 64232, 01WS1024, 5/5000  
 File Name : G:\GC04\DATA\163J002.raw  
 Method : TVHBTXE  
 Start Time : 0.00 min  
 Scale Factor: 1.0

Sample #: Page 1 of 1  
 Date : 6/12/01 03:53 PM  
 Time of Injection: 6/12/01 03:27 PM  
 Low Point : 47.95 mV  
 High Point : 389.57 mV  
 Plot Offset: 48 mV  
 Plot Scale: 341.6 mV

## Response [mV]





**Gasoline by GC/FID CA LUFT**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 5030
Project#:	70-00509.00	Analysis:	EPA 8015M
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC147673	Batch#:	64232
Matrix:	Water	Analyzed:	06/12/01
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,938	97	73-121

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	59-135
Bromofluorobenzene (FID)	108	60-140

**Benzene, Toluene, Ethylbenzene, Xylenes**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 5030
Project#:	70-00509.00	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	64232
Units:	ug/L	Analyzed:	06/12/01
Diln Fac:	1.000		

Type: BS Lab ID: QC147676

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	17.41	87	67-117
Toluene	20.00	17.88	89	69-117
Ethylbenzene	20.00	20.24	101	68-124
m,p-Xylenes	40.00	40.88	102	70-125
o-Xylene	20.00	20.69	103	65-129

Surrogate	%REC	Limits
Trifluorotoluene (PID)	103	56-142
Bromofluorobenzene (PID)	104	55-149

Type: BSD Lab ID: QC147677

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	20.00	17.36	87	67-117	0	20
Toluene	20.00	17.80	89	69-117	0	20
Ethylbenzene	20.00	19.98	100	68-124	1	20
m,p-Xylenes	40.00	40.95	102	70-125	0	20
o-Xylene	20.00	20.94	105	65-129	1	20

Surrogate	%REC	Limits
Trifluorotoluene (PID)	104	56-142
Bromofluorobenzene (PID)	105	55-149



Gasoline by GC/FID CA LUFT

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 5030
Project#:	70-00509.00	Analysis:	EPA 8015M
Field ID:	ZZZZZZZZZZ	Batch#:	64232
MSS Lab ID:	152502-003	Sampled:	06/11/01
Matrix:	Water	Received:	06/11/01
Units:	ug/L	Analyzed:	06/12/01
Diln Fac:	1.000		

Type: MS Lab ID: QC147674

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<21.00	2,000	1,951	98	65-131
Surrogate	%REC	Limits			
Trifluorotoluene (FID)	112	59-135			
Bromofluorobenzene (FID)	114	60-140			

Type: MSD Lab ID: QC147675

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,940	97	65-131	1	20
Surrogate	%REC	Limits				
Trifluorotoluene (FID)	112	59-135				
Bromofluorobenzene (FID)	114	60-140				

### Total Extractable Hydrocarbons

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 3520
Project#:	70-00509.00	Analysis:	EPA 8015M
Matrix:	Water	Sampled:	06/11/01
Units:	ug/L	Received:	06/11/01
Diln Fac:	1.000	Prepared:	06/15/01
Batch#:	64337		

Field ID:	LF-11	Lab ID:	152496-002
Type:	SAMPLE	Analyzed:	06/19/01

Analyte	Result	RL
Diesel C10-C24	110 H Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	75	44-121

Field ID:	MWA-1	Lab ID:	152496-005
Type:	SAMPLE	Analyzed:	06/19/01

Analyte	Result	RL
Diesel C10-C24	2,000 H L Y	50
Motor Oil C24-C36	330 L Y	300

Surrogate	%REC	Limits
Hexacosane	64	44-121

Field ID:	CW-2	Lab ID:	152496-010
Type:	SAMPLE	Analyzed:	06/19/01

Analyte	Result	RL
Diesel C10-C24	190 H Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	64	44-121

H= Heavier hydrocarbons contributed to the quantitation  
 L= Lighter hydrocarbons contributed to the quantitation  
 Y= Sample exhibits fuel pattern which does not resemble standard  
 ND= Not Detected

RL= Reporting Limit





Total Extractable Hydrocarbons

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 3520
Project#:	70-00509.00	Analysis:	EPA 8015M
Matrix:	Water	Sampled:	06/11/01
Units:	ug/L	Received:	06/11/01
Diln Fac:	1.000	Prepared:	06/15/01
Batch#:	64337		

Field ID:	CW-6	Lab ID:	152496-011
Type:	SAMPLE	Analyzed:	06/19/01

Analyte	Result	RL
Diesel C10-C24	430 H Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	54	44-121

Field ID:	CW-7	Lab ID:	152496-012
Type:	SAMPLE	Analyzed:	06/19/01

Analyte	Result	RL
Diesel C10-C24	140 H Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	61	44-121

Type:	BLANK	Analyzed:	06/18/01
Lab ID:	QC148039		

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	55	44-121

H= Heavier hydrocarbons contributed to the quantitation  
L= Lighter hydrocarbons contributed to the quantitation  
Y= Sample exhibits fuel pattern which does not resemble standard  
ND= Not Detected  
RL= Reporting Limit

# Chromatogram

Sample Name : 152496-002,64337

Sample #: 64337

Page 1 of 1

FileName : G:\GC15\CHB\169B026.RAW

Date : 06/19/2001 05:00 PM

Method : BTEH162.MTH

Time of Injection: 06/19/2001 04:26 PM

Start Time : 0.01 min

End Time : 31.91 min

Low Point : 30.66 mV

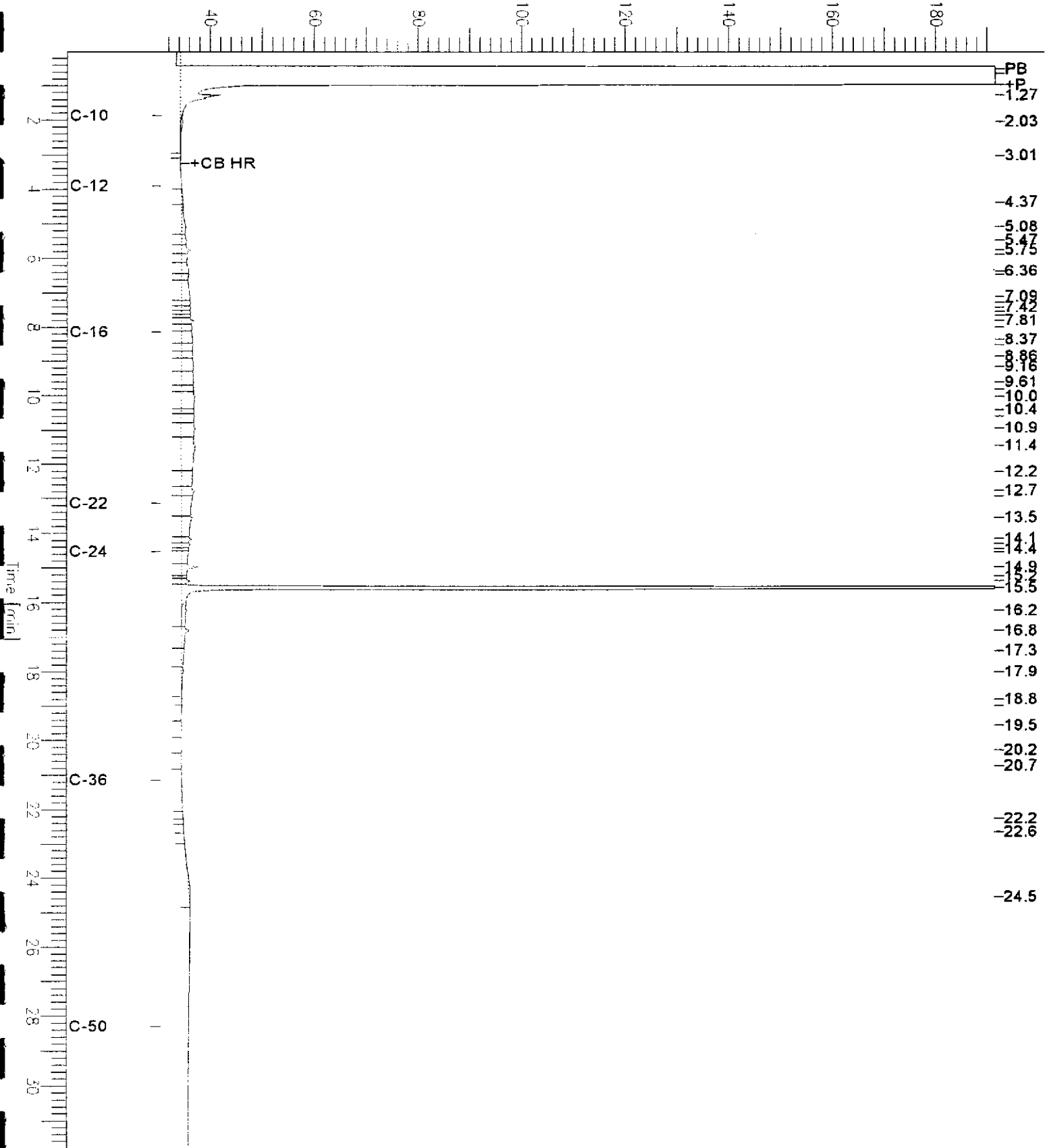
High Point : 191.63 mV

Scale Factor: 0.0

Plot Offset: 31 mV

Plot Scale: 161.0 mV

Response [mV]

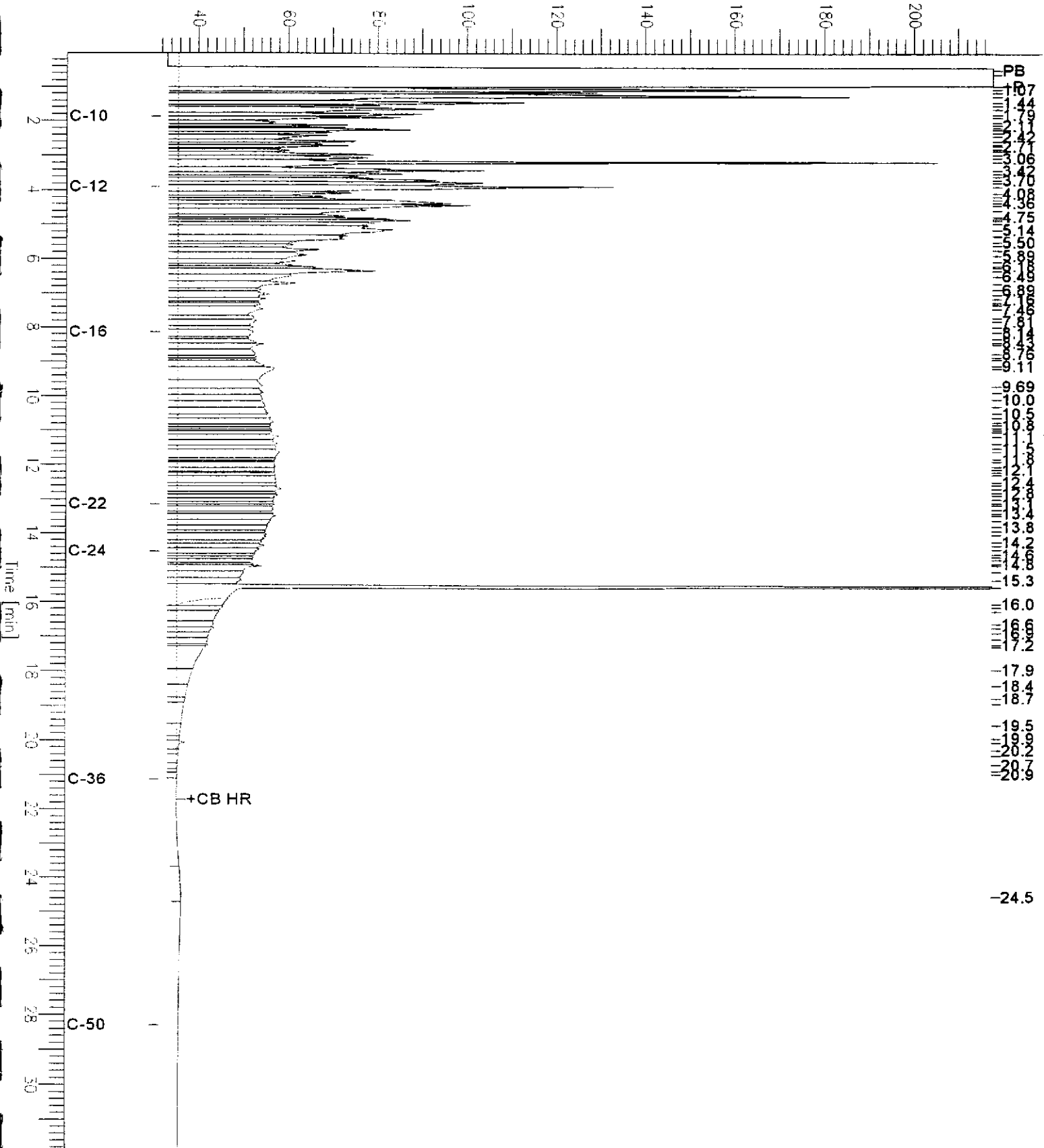


# Chromatogram

Sample Name : 152496-005,64337  
 FileName : G:\GC15\CHB\169B027.RAW  
 Method : BTEH162.MTH  
 Start Time : 0.01 min  
 Scale Factor: 0.0

Sample #: 64337  
 Date : 06/19/2001 05:41 PM  
 Time of Injection: 06/19/2001 05:07 PM  
 Low Point : 31.68 mV  
 High Point : 217.80 mV  
 Plot Offset: 3.0 mV  
 Plot Scale: 186.1 mV

Response [mV]



# Chromatogram

Sample Name : 152496-010,64337

Sample #: 64337

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FileName : G:\GC15\CHB\169B028.RAW

Date : 06/19/2001 06:22 PM

Method : BTEH162.MTH

Time of Injection: 06/19/2001 05:48 PM

Start Time : 0.01 min End Time : 31.91 min

Low Point : 33.30 mV

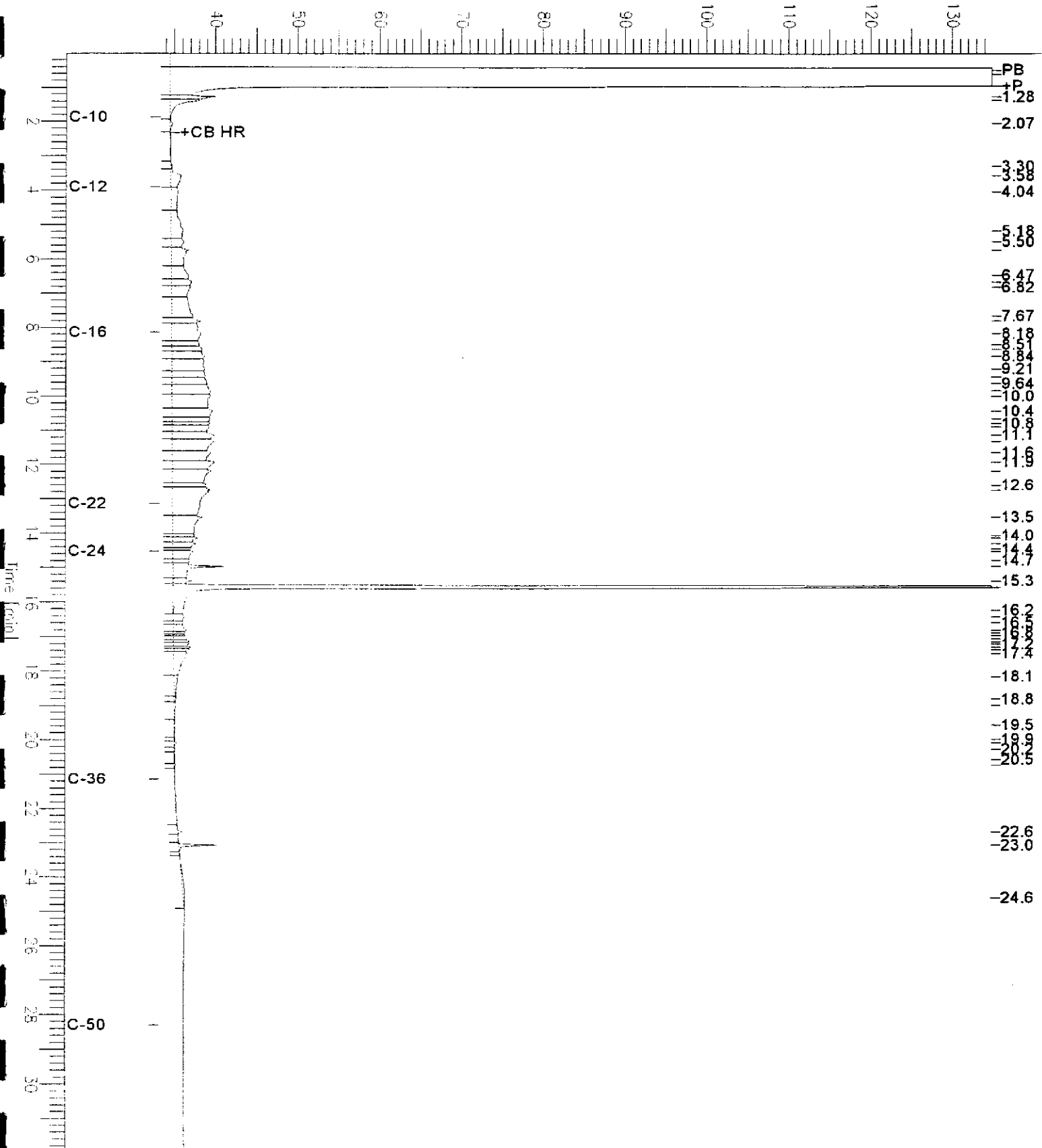
High Point : 134.90 mV

Scale Factor: 0.0

Plot Offset: 33 mV

Plot Scale: 101.6 mV

Response [mV]



# Chromatogram

Sample Name : 152496-011, 64337

Sample #: 64337

Page 1 of 1

FileName : G:\GC15\CHB\1698029.RAW

Date : 06/19/2001 07:02 PM

Method : BTEH162.MTH

Time of Injection: 06/19/2001 06:29 PM

Start Time : 0.01 min End Time : 31.91 min

Low Point : 30.98 mV

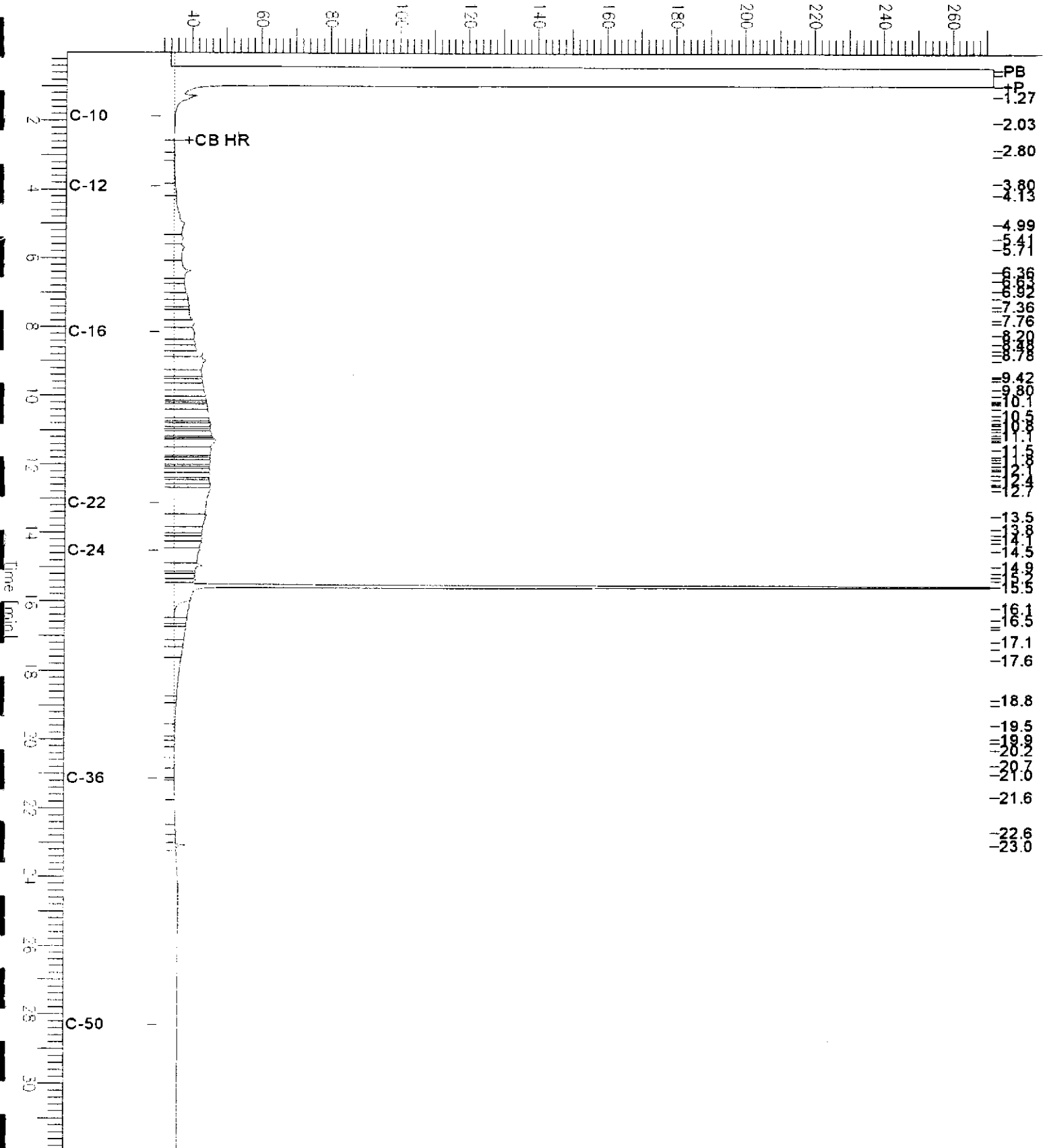
High Point : 271.84 mV

Scale Factor: 0.0

Plot Offset: 31 mV

Plot Scale: 240.9 mV

Response [mV]



# Chromatogram

Sample Name : 152496-012,64337

Sample #: 64337

Page 1 of 1

FileName : G:\GC15\CHB\169B030.RAW

Date : 06/19/2001 07:44 PM

Method : BTEH162.MTH

Time of Injection: 06/19/2001 07:09 PM

Start Time : 0.01 min End Time : 31.91 min

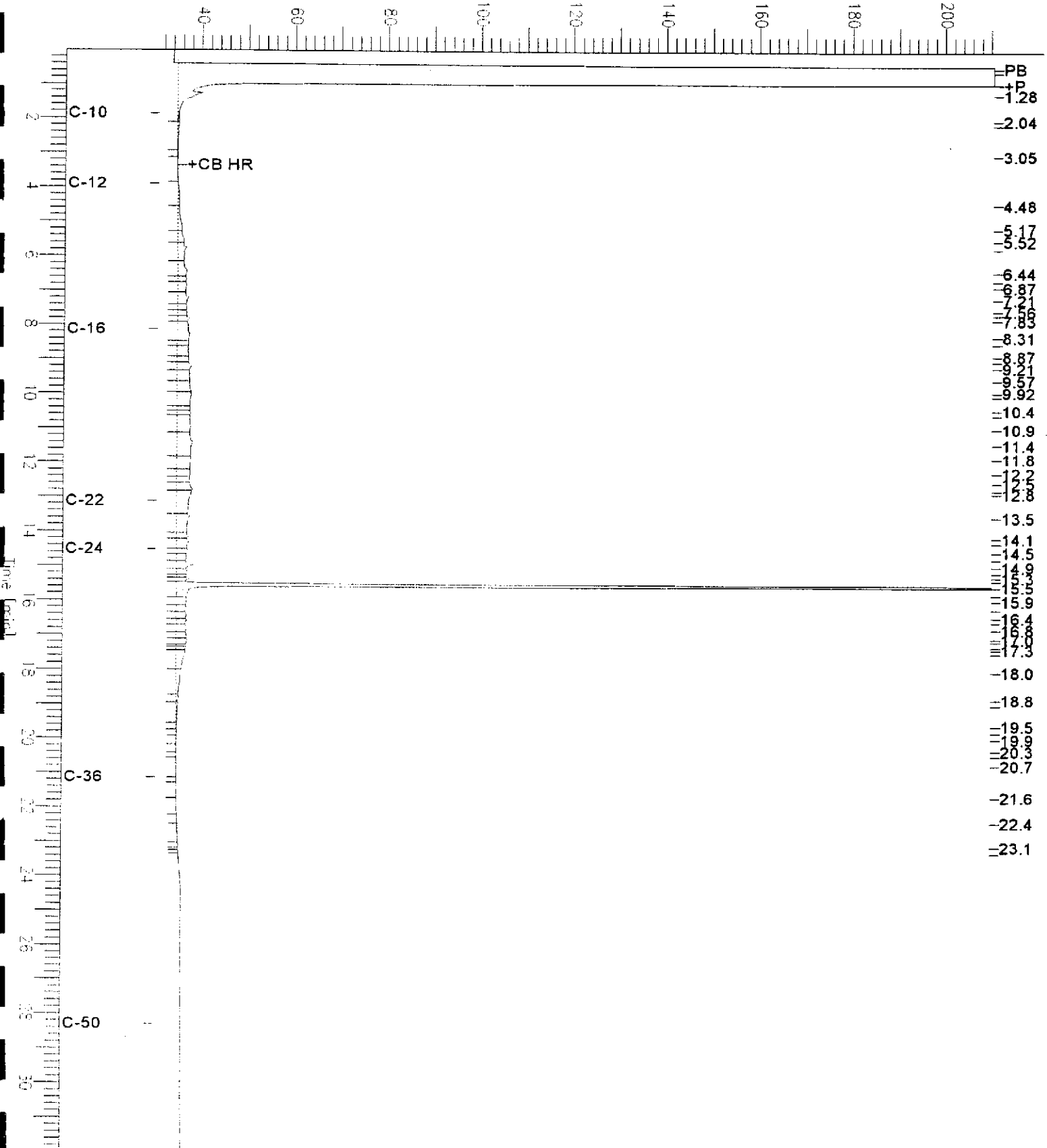
Low Point : 30.97 mV

High Point : 210.54 mV

Scale Factor: 0.0

Plot Offset: 31 mV

Response [mV]



- PB
- 1.28
- 2.04
- 3.05
- 4.48
- 5.17
- 5.52
- 6.44
- 6.87
- 7.21
- 7.83
- 8.31
- 8.87
- 9.21
- 9.57
- 9.92
- 10.4
- 10.9
- 11.4
- 11.8
- 12.2
- 12.5
- 12.8
- 13.5
- 14.1
- 14.5
- 14.9
- 15.3
- 15.6
- 16.4
- 16.8
- 17.3
- 18.0
- 18.8
- 19.5
- 19.9
- 20.3
- 20.7
- 21.6
- 22.4
- 23.1

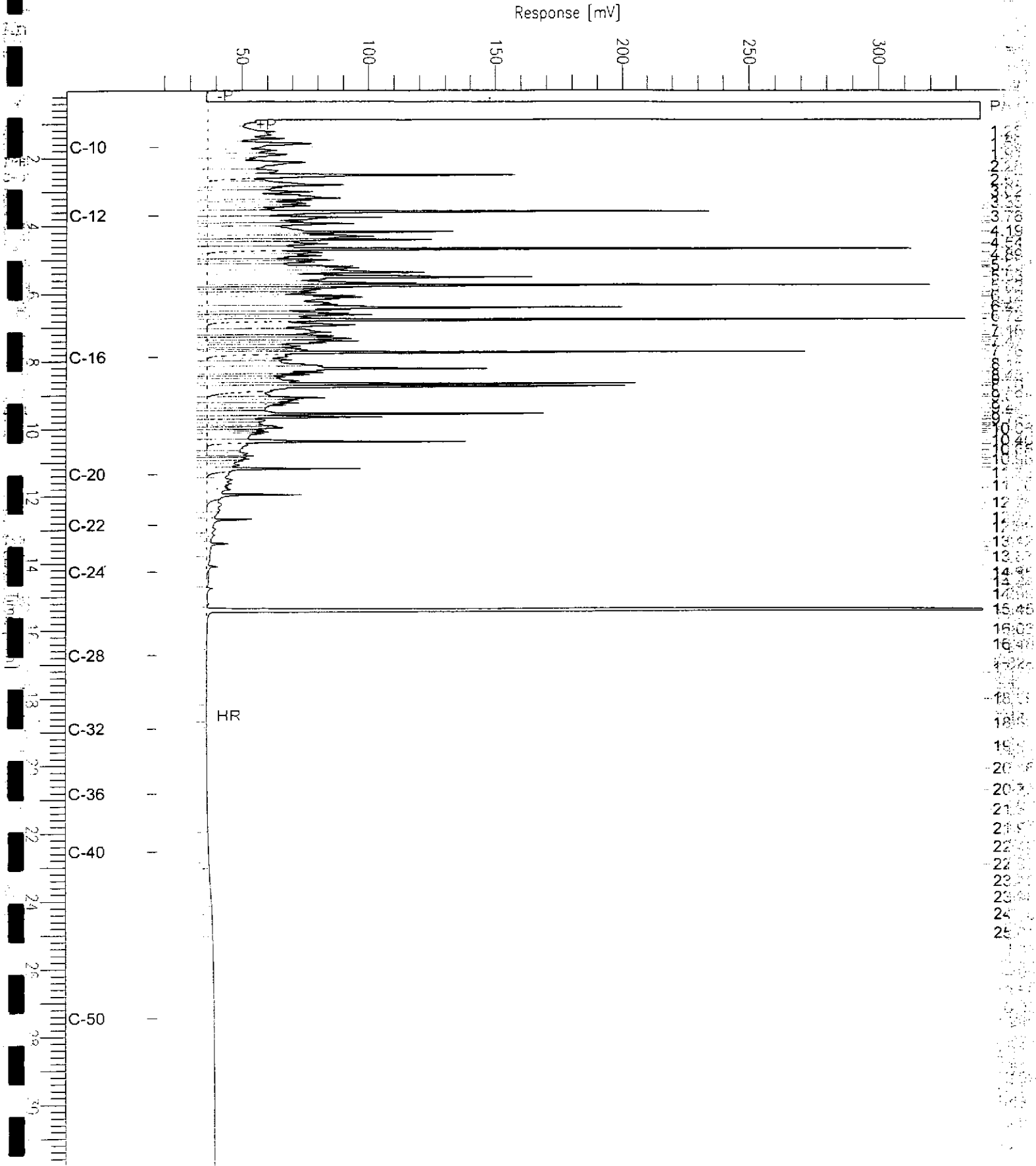
# Chromatogram

Sample Name : ccv\_01ws1178\_dsl  
File Name : G:\GC13\CHB\168B002.RAW  
Method : BTEH165.MTH  
Start Time : 0.01 min  
Scale Factor: 0.0

End Time : 31.91 min  
Plot Offset: 18 mV

Sample #: 500mg/L  
Date : 06/17/2001 08:59 PM  
Time of Injection: 06/17/2001 08:22 PM  
Low Point : 17.79 mV  
High Point : 339.42 mV  
Plot Scale: 321.6 mV

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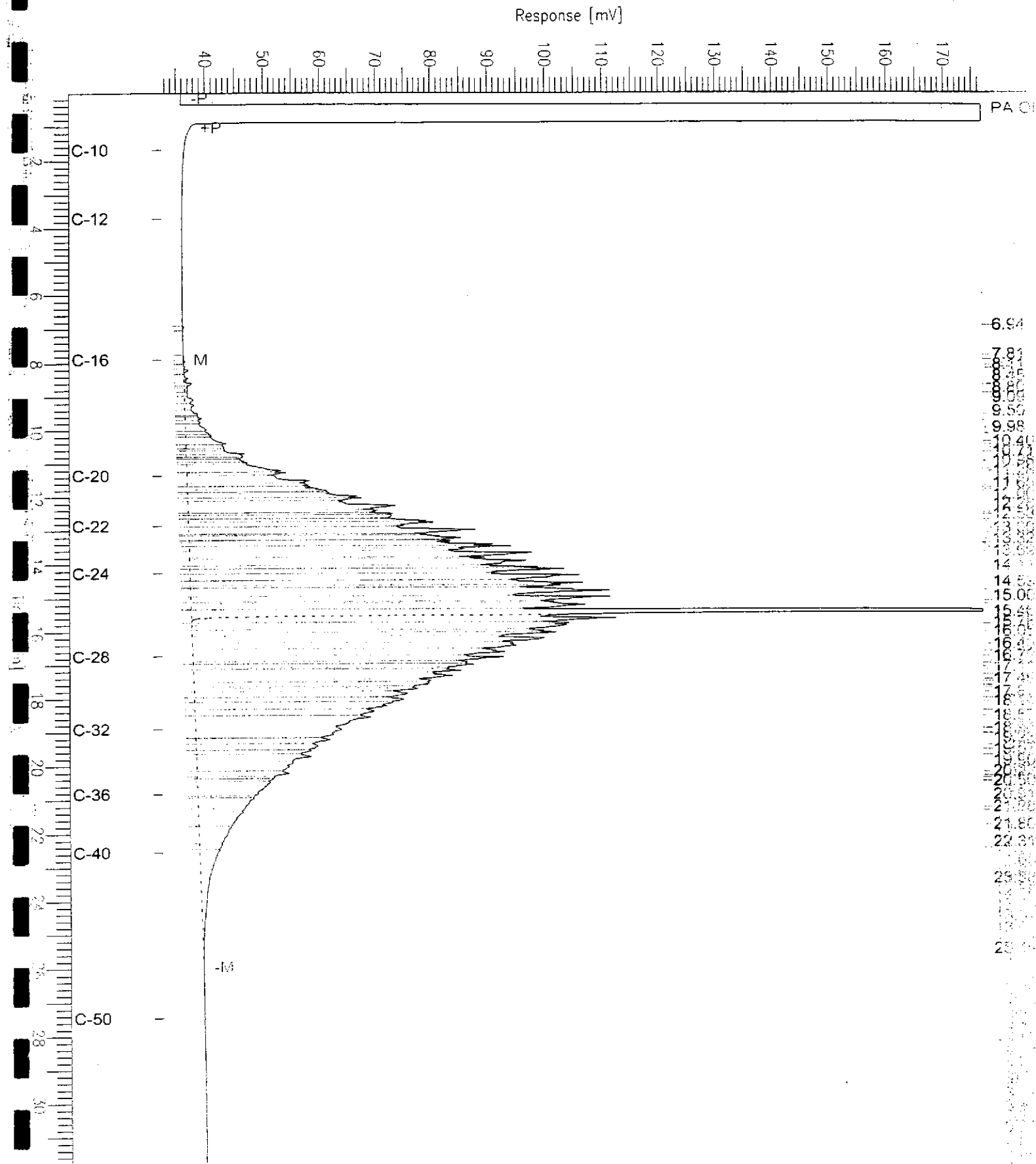


# Chromatogram

Sample Name : ccv\_01ws1214.mo  
File Name : G:\GC13\CHB\168B003.RAW  
Method : BTEH165.MTH  
Start Time : 0.01 min  
Scale Factor : 0.0

End Time : 31.91 min  
Plot Offset : 33 mV

Sample #: 500mg/L  
Date : 06/17/2001 11:06 PM  
Time of Injection: 06/17/2001 09:01 PM  
Low Point : 32.57 mV  
High Point : 176.61 mV  
Plot Scale: 144.0 mV







Total Extractable Hydrocarbons

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	EPA 3520
Project#:	70-00509.00	Analysis:	EPA 8015M
Matrix:	Water	Batch#:	64337
Units:	ug/L	Prepared:	06/15/01
Diln Fac:	1.000	Analyzed:	06/18/01

Type: BS Lab ID: QC148040

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,339	1,919	82	45-110

Surrogate	%REC	Limits
Hexacosane	61	44-121

Type: BSD Lab ID: QC148041

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,339	1,934	83	45-110	1	22

Surrogate	%REC	Limits
Hexacosane	57	44-121



California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	LF-5	Sampled:	06/11/01
Lab ID:	152496-001	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/19/01	EPA 6010B
Arsenic	8.0	5.0	1.000	64311	06/19/01	EPA 6010B
Barium	13	10	1.000	64311	06/19/01	EPA 6010B
Beryllium	ND	2.0	1.000	64311	06/19/01	EPA 6010B
Cadmium	830	5.0	1.000	64311	06/19/01	EPA 6010B
Chromium	12	10	1.000	64311	06/19/01	EPA 6010B
Cobalt	4,100	20	1.000	64311	06/19/01	EPA 6010B
Copper	ND	10	1.000	64311	06/19/01	EPA 6010B
Lead	27	3.0	1.000	64311	06/19/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/19/01	EPA 6010B
Nickel	11,000	20	1.000	64311	06/19/01	EPA 6010B
Selenium	100	5.0	1.000	64311	06/19/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/19/01	EPA 6010B
Thallium	430	5.0	1.000	64311	06/19/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/19/01	EPA 6010B
Zinc	240,000	2,000	100.0	64311	06/19/01	EPA 6010B

D= Not Detected

L= Reporting Limit

### California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	LF-11	Sampled:	06/11/01
Lab ID:	152496-002	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	56	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	13	10	1.000	64311	06/18/01	EPA 6010B
Beryllium	45	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	86,000	500	100.0	64311	06/18/01	EPA 6010B
Chromium	24	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	2,800	20	1.000	64311	06/18/01	EPA 6010B
Copper	2,700	10	1.000	64311	06/18/01	EPA 6010B
Lead	84	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/18/01	EPA 6010B
Nickel	13,000	20	1.000	64311	06/18/01	EPA 6010B
Selenium	77	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	320	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	24,000,000	200,000	10,000	64311	06/18/01	EPA 6010B

ND= Not Detected

RL= Reporting Limit



California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	LF-12	Sampled:	06/11/01
Lab ID:	152496-003	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diin Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	15	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	12	10	1.000	64311	06/18/01	EPA 6010B
Beryllium	11	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	1,600	5.0	1.000	64311	06/18/01	EPA 6010B
Chromium	ND	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	1,300	20	1.000	64311	06/18/01	EPA 6010B
Copper	660	10	1.000	64311	06/18/01	EPA 6010B
Lead	22	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/18/01	EPA 6010B
Nickel	3,700	20	1.000	64311	06/18/01	EPA 6010B
Selenium	45	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	99	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	5,500,000	200,000	10,000	64311	06/18/01	EPA 6010B



## California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	CW-13	Sampled:	06/11/01
Lab ID:	152496-004	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	12	10	1.000	64311	06/18/01	EPA 6010B
Beryllium	2.8	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	820	5.0	1.000	64311	06/18/01	EPA 6010B
Chromium	ND	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	830	20	1.000	64311	06/18/01	EPA 6010B
Copper	70	10	1.000	64311	06/18/01	EPA 6010B
Lead	7.6	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/18/01	EPA 6010B
Nickel	2,200	20	1.000	64311	06/18/01	EPA 6010B
Selenium	28	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	81	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	860,000	20,000	1,000	64311	06/18/01	EPA 6010B

D= Not Detected

L= Reporting Limit



## California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	MWA-1	Sampled:	06/11/01
Lab ID:	152496-005	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	7.7	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	15	10	1.000	64311	06/18/01	EPA 6010B
Beryllium	ND	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	2,300	5.0	1.000	64311	06/18/01	EPA 6010B
Chromium	ND	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	23	20	1.000	64311	06/18/01	EPA 6010B
Copper	720	10	1.000	64311	06/18/01	EPA 6010B
Lead	710	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/18/01	EPA 6010B
Nickel	540	20	1.000	64311	06/18/01	EPA 6010B
Selenium	24	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	110	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	620,000	20,000	1.000	64311	06/18/01	EPA 6010B

D= Not Detected

L= Reporting Limit

## California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	MW-4	Sampled:	06/11/01
Lab ID:	152496-006	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	14	10	1.000	64311	06/18/01	EPA 6010B
Beryllium	ND	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	170	5.0	1.000	64311	06/18/01	EPA 6010B
Chromium	13	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	40	20	1.000	64311	06/18/01	EPA 6010B
Copper	33	10	1.000	64311	06/18/01	EPA 6010B
Lead	35	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/18/01	EPA 6010B
Nickel	780	20	1.000	64311	06/18/01	EPA 6010B
Selenium	58	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	5.6	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	230	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	88,000	20,000	1,000	64311	06/18/01	EPA 6010B

D= Not Detected

L= Reporting Limit



## California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	MW-5	Diln Fac:	1.000
Lab ID:	152496-007	Sampled:	06/11/01
Matrix:	Filtrate	Received:	06/11/01
Units:	ug/L	Prepared:	06/15/01

Analyte	Result	RL	Batch#	Analyzed	Analysis
Antimony	ND	60	64311	06/18/01	EPA 6010B
Arsenic	7.3	5.0	64311	06/18/01	EPA 6010B
Barium	840	10	64311	06/18/01	EPA 6010B
Beryllium	ND	2.0	64311	06/18/01	EPA 6010B
Cadmium	ND	5.0	64311	06/18/01	EPA 6010B
Chromium	ND	10	64311	06/18/01	EPA 6010B
Cobalt	ND	20	64311	06/18/01	EPA 6010B
Copper	ND	10	64311	06/18/01	EPA 6010B
Lead	ND	3.0	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	64311	06/18/01	EPA 6010B
Nickel	ND	20	64311	06/18/01	EPA 6010B
Selenium	ND	5.0	64311	06/18/01	EPA 6010B
Silver	ND	5.0	64311	06/18/01	EPA 6010B
Thallium	ND	5.0	64311	06/18/01	EPA 6010B
Vanadium	ND	10	64311	06/18/01	EPA 6010B
Zinc	350	20	64311	06/18/01	EPA 6010B

D= Not Detected

L= Reporting Limit





California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	CW-12	Diln Fac:	1.000
Lab ID:	152496-008	Sampled:	06/11/01
Matrix:	Filtrate	Received:	06/11/01
Units:	ug/L	Prepared:	06/15/01

Analyte	Result	RL	Batch#	Analyzed	Analysis
Antimony	ND	60	64311	06/18/01	EPA 6010B
Arsenic	ND	5.0	64311	06/18/01	EPA 6010B
Barium	77	10	64311	06/18/01	EPA 6010B
Beryllium	ND	2.0	64311	06/18/01	EPA 6010B
Cadmium	ND	5.0	64311	06/18/01	EPA 6010B
Chromium	ND	10	64311	06/18/01	EPA 6010B
Cobalt	ND	20	64311	06/18/01	EPA 6010B
Copper	ND	10	64311	06/18/01	EPA 6010B
Lead	ND	3.0	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	64311	06/18/01	EPA 6010B
Nickel	ND	20	64311	06/18/01	EPA 6010B
Selenium	ND	5.0	64311	06/18/01	EPA 6010B
Silver	ND	5.0	64311	06/18/01	EPA 6010B
Thallium	ND	5.0	64311	06/18/01	EPA 6010B
Vanadium	ND	10	64311	06/18/01	EPA 6010B
Zinc	120	20	64311	06/18/01	EPA 6010B

D= Not Detected

L= Reporting Limit

### California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	CW-1	Sampled:	06/11/01
Lab ID:	152496-009	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	290	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	100	10	1.000	64311	06/18/01	EPA 6010B
Beryllium	ND	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	8.9	5.0	1.000	64311	06/18/01	EPA 6010B
Chromium	ND	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	32	20	1.000	64311	06/18/01	EPA 6010B
Copper	ND	10	1.000	64311	06/18/01	EPA 6010B
Lead	ND	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/18/01	EPA 6010B
Nickel	61	20	1.000	64311	06/18/01	EPA 6010B
Selenium	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	6.3	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	ND	20,000	1,000	64311	06/18/01	EPA 6010B

ND= Not Detected

RL= Reporting Limit

**California Title 26 Metals**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	CW-2	Sampled:	06/11/01
Lab ID:	152496-010	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	2,800	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	790,000	10,000	1,000	64311	06/18/01	EPA 6010B
Beryllium	ND	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Chromium	ND	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	ND	20	1.000	64311	06/18/01	EPA 6010B
Copper	ND	10	1.000	64311	06/18/01	EPA 6010B
Lead	ND	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/18/01	EPA 6010B
Nickel	ND	20	1.000	64311	06/18/01	EPA 6010B
Selenium	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	5.2	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	740	20	1.000	64311	06/18/01	EPA 6010B



## California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	CW-6	Sampled:	06/11/01
Lab ID:	152496-011	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	140	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	160,000	10,000	1,000	64311	06/18/01	EPA 6010B
Beryllium	ND	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	44	5.0	1.000	64311	06/18/01	EPA 6010B
Chromium	ND	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	ND	20	1.000	64311	06/18/01	EPA 6010B
Copper	ND	10	1.000	64311	06/18/01	EPA 6010B
Lead	ND	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	ND	20	1.000	64311	06/18/01	EPA 6010B
Nickel	210	20	1.000	64311	06/18/01	EPA 6010B
Selenium	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	14	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	ND	20,000	1,000	64311	06/18/01	EPA 6010B

D= Not Detected

L= Reporting Limit

## California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00		
Field ID:	CW-7	Sampled:	06/11/01
Lab ID:	152496-012	Received:	06/11/01
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Analysis
Antimony	ND	60	1.000	64311	06/18/01	EPA 6010B
Arsenic	28	5.0	1.000	64311	06/18/01	EPA 6010B
Barium	ND	10,000	1,000	64311	06/18/01	EPA 6010B
Beryllium	ND	2.0	1.000	64311	06/18/01	EPA 6010B
Cadmium	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Chromium	ND	10	1.000	64311	06/18/01	EPA 6010B
Cobalt	ND	20	1.000	64311	06/18/01	EPA 6010B
Copper	ND	10	1.000	64311	06/18/01	EPA 6010B
Lead	ND	3.0	1.000	64311	06/18/01	EPA 6010B
Mercury	ND	0.20	1.000	64325	06/15/01	EPA 7470A
Molybdenum	21	20	1.000	64311	06/18/01	EPA 6010B
Nickel	ND	20	1.000	64311	06/18/01	EPA 6010B
Selenium	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Silver	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Thallium	ND	5.0	1.000	64311	06/18/01	EPA 6010B
Vanadium	ND	10	1.000	64311	06/18/01	EPA 6010B
Zinc	ND	20	1.000	64311	06/18/01	EPA 6010B

ND= Not Detected

RL= Reporting Limit

### California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC147929	Batch#:	64311
Matrix:	Filtrate	Prepared:	06/15/01
Units:	ug/L	Analyzed:	06/15/01

Analyte	Result	RL
Antimony	ND	60
Arsenic	ND	5.0
Barium	ND	10
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	10
Cobalt	ND	20
Copper	ND	10
Lead	ND	3.0
Molybdenum	ND	20
Nickel	ND	20
Selenium	ND	5.0
Silver	ND	5.0
Thallium	ND	5.0
Vanadium	ND	10
Zinc	ND	20

ND= Not Detected

RL= Reporting Limit

### California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00	Analysis:	EPA 7470A
Analyte:	Mercury	Basis:	wet
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC147991	Batch#:	64325
Matrix:	Miscell.	Prepared:	06/15/01
Units:	mg/Kg	Analyzed:	06/15/01

Result	RL
ND	0.00020

**California Title 26 Metals**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00	Analysis:	EPA 6010B
Matrix:	Filtrate	Batch#:	64311
Units:	ug/L	Prepared:	06/15/01
Diln Fac:	1.000	Analyzed:	06/15/01

Type: BS Lab ID: QC147930

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	476.0	95	75-123
Arsenic	100.0	106.0	106	80-120
Barium	2,000	1,960	98	80-116
Beryllium	50.00	51.00	102	80-116
Cadmium	50.00	49.80	100	80-126
Chromium	200.0	200.0	100	80-113
Cobalt	500.0	490.0	98	80-112
Copper	250.0	239.0	96	80-114
Lead	100.0	102.0	102	78-120
Molybdenum	400.0	406.0	102	80-114
Nickel	500.0	470.0	94	80-116
Selenium	100.0	102.0	102	79-120
Silver	50.00	49.80	100	80-120
Thallium	100.0	99.20	99	80-119
Vanadium	500.0	505.0	101	80-111
Zinc	500.0	481.0	96	72-126

Type: BSD Lab ID: QC147931

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	483.0	97	75-123	1	21
Arsenic	100.0	102.0	102	80-120	4	20
Barium	2,000	1,980	99	80-116	1	21
Beryllium	50.00	51.30	103	80-116	1	20
Cadmium	50.00	50.80	102	80-126	2	20
Chromium	200.0	201.0	101	80-113	0	21
Cobalt	500.0	493.0	99	80-112	1	25
Copper	250.0	241.0	96	80-114	1	24
Lead	100.0	103.0	103	78-120	1	20
Molybdenum	400.0	410.0	103	80-114	1	22
Nickel	500.0	472.0	94	80-116	0	23
Selenium	100.0	97.20	97	79-120	5	20
Silver	50.00	50.20	100	80-120	1	26
Thallium	100.0	99.10	99	80-119	0	20
Vanadium	500.0	507.0	101	80-111	0	20
Zinc	500.0	483.0	97	72-126	0	26





**California Title 26 Metals**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	64311
MSS Lab ID:	152431-002	Sampled:	06/07/01
Matrix:	Water	Received:	06/07/01
Units:	ug/L	Prepared:	06/15/01
Diln Fac:	1.000	Analyzed:	06/15/01

Type: MS Lab ID: QC147932

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	31.70	500.0	440.0	82	64-128
Arsenic	5.430	100.0	113.0	108	65-131
Barium	87.50	2,000	1,980	95	75-120
Beryllium	0.2560	50.00	50.30	100	71-124
Cadmium	0.3940	50.00	47.80	95	70-127
Chromium	<0.3800	200.0	193.0	97	70-124
Cobalt	1.790	500.0	479.0	95	73-122
Copper	1.550	250.0	243.0	97	74-122
Lead	<0.9200	100.0	99.10	99	66-128
Molybdenum	36.40	400.0	435.0	100	72-122
Nickel	5.540	500.0	451.0	89	70-126
Selenium	<1.700	100.0	107.0	107	65-132
Silver	<0.7200	50.00	43.00	86	72-125
Thallium	<2.000	100.0	92.60	93	58-134
Vanadium	1.260	500.0	496.0	99	58-134
Zinc	9.440	500.0	486.0	95	69-129

Type: MSD Lab ID: QC147933

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	423.0	78	64-128	4	29
Arsenic	100.0	114.0	109	65-131	1	42
Barium	2,000	1,990	95	75-120	1	20
Beryllium	50.00	49.70	99	71-124	1	20
Cadmium	50.00	48.30	96	70-127	1	25
Chromium	200.0	191.0	96	70-124	1	20
Cobalt	500.0	473.0	94	73-122	1	20
Copper	250.0	239.0	95	74-122	2	20
Lead	100.0	98.60	99	66-128	1	29
Molybdenum	400.0	429.0	98	72-122	1	20
Nickel	500.0	449.0	89	70-126	0	20
Selenium	100.0	104.0	104	65-132	3	40
Silver	50.00	42.00	84	72-125	2	30
Thallium	100.0	92.70	93	58-134	0	41
Vanadium	500.0	489.0	98	58-134	1	41
Zinc	500.0	482.0	95	69-129	1	33

### California Title 26 Metals

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Miscell.	Batch#:	64325
Units:	mg/Kg	Prepared:	06/15/01
Basis:	wet	Analyzed:	06/15/01

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC147992	0.005000	0.005590	112	80-116		
BSD	QC147993	0.005000	0.005590	112	80-116	0	20

**California Title 26 Metals**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	64325
Field ID:	ZZZZZZZZZZ	Sampled:	06/07/01
MSS Lab ID:	152431-006	Received:	06/07/01
Matrix:	Water	Prepared:	06/15/01
Units:	ug/L	Analyzed:	06/15/01
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC147994	0.2300	5.000	5.700	109	80-114		
MSD	QC147995		5.000	5.540	106	80-114	3	22

RPD= Relative Percent Difference  
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**Total Dissolved Solids (TDS)**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00	Analysis:	EPA 160.1
Analyte:	Total Dissolved Solids	Sampled:	06/11/01
Matrix:	Water	Received:	06/11/01
Units:	mg/L	Analyzed:	06/15/01
Batch#:	64336		

Field ID	Type	Lab ID	Result	RL	Diln Fac
LF-5	SAMPLE	152496-001	20,600	50	5.000
LF-11	SAMPLE	152496-002	89,800	100	10.00
LF-12	SAMPLE	152496-003	10,200	17	1.700
CW-13	SAMPLE	152496-004	7,070	14	1.400
MWA-1	SAMPLE	152496-005	5,410	10	1.000
MW-4	SAMPLE	152496-006	6,910	14	1.400
MW-5	SAMPLE	152496-007	2,630	10	1.000
CW-12	SAMPLE	152496-008	6,550	25	2.500
CW-1	SAMPLE	152496-009	1,810	10	1.000
CW-2	SAMPLE	152496-010	1,020	10	1.000
CW-6	SAMPLE	152496-011	2,260	10	1.000
CW-7	SAMPLE	152496-012	810	10	1.000
	BLANK	QC148034	ND	10	1.000

D= Not Detected

L= Reporting Limit



**Total Dissolved Solids (TDS)**

Lab #:	152496	Location:	Coliseum
Client:	Clayton Group Services	Prep:	METHOD
Project#:	70-00509.00	Analysis:	EPA 160.1
Analyte:	Total Dissolved Solids	Batch#:	64336
Field ID:	LF-5	Sampled:	06/11/01
MSS Lab ID:	152496-001	Received:	06/11/01
Units:	mg/L	Analyzed:	06/15/01

Type	Lab ID	Matrix	MSS Result	Spiked	Result	RL	%REC	Limits	RPD	Lim	Diln	Pac
BS	QC148035	Water		10,000	9,740		97	80-120				1.000
BSD	QC148036	Water		10,000	9,820		98	80-120	1	20		1.000
SDUP	QC148037	Filtrate	20,630		20,540	50			0	20		5.000
SSPIKE	QC148038	Filtrate	20,630	5,000	25,360		95	70-130				5.000