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November 8, 2002

R095

SLIC

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

Clayton Project No. 70-00509.00


Subject: Third Quarter 2002 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) *Third Quarter 2002 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 August 2002 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,

  
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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**Third Quarter 2002  
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**

**November 8, 2002**

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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 quarterly monitoring and sampling schedule employed is presented in Table 1. The third quarter 2002 monitoring event included collecting depth to water measurements for 21 groundwater-monitoring wells and groundwater samples from 12 wells. Field measurements and groundwater monitoring well sampling were carried out on August 21, 2002. Well (MW-5) was paved over and not accessible on that day; therefore it was not sampled. This report presents groundwater measurements recorded in the field and the results of laboratory analyses performed on groundwater samples collected for the third quarter 2002 monitoring event.

Due to the installation of a groundwater barrier wall on the 5051 property in November 2001, weep water monitoring results are being included in this quarterly report. Weep hole sampling was conducted on September 5 and 6, 2002. Weephole sampling can only be conducted during a low tide with elevations of 0.0 feet msl or less.

## 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 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 (msl). 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.

Construction of the groundwater diversion barrier, or groundwater barrier wall, was completed between October 30 and November 1, 2001, as a remedial action for the 5051 property as outlined in the site cleanup requirements (Task 4 of Board Order No. 01-032, March 21, 2001). The groundwater barrier wall (approximately 350 feet in length) was constructed of interlocking sheetpiles along the west property boundary (Figure 2) to a total depth of between 15 and 20 feet below ground surface (bgs) to provide a barrier for groundwater that contains elevated concentrations of soluble metals from flowing into the surface water channel that borders this portion of the subject property. During the utility survey of the property, an underground optical cable was identified near the bend in the wall. It was necessary to leave a gap in the wall of approximately 10 feet to clear the utility. On June 17, 2002 Clayton supervised the installation of a neat cement (grout) curtain to close the utility gap and to extend the sheet pile wall approximately 10 feet on the northern end.

### **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 11 monitoring wells (CW-1, CW-2, CW-6, CW-7, CW-12, CW-13, LF-5, LF-11, LF-12, MWA-1, and MW-4). Please note that a well MW-5 was buried and inaccessible during the monitoring and sampling event. Clayton will attempt to locate the well prior to the next monitoring and sampling event.

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

Depth to water measurements were obtained from the 21 of the 22 wells selected for monitoring of the Coliseum Way Properties on August 21, 2002 prior to well purging and sampling activities. Well MW-5 was not included since it was not accessible. 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 that were 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 and the water quality parameters had stabilized or until the well dewatered. A submersible pump was used to purge groundwater from each well. During purging, the groundwater quality was monitored in the field for the following parameters: temperature, pH, specific conductance, and turbidity. The water quality parameters were recorded on groundwater sampling data sheets. After purging, a new disposable bailer 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.

### 4.0 LABORATORY ANALYSES

Groundwater samples were collected from 11 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 some or all of 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 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.
- Method 8020 for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) for MW-4, MWA-1, CW-2, CW-6, and CW-7 only.

### 5.0 SITE HYDROLOGY

The groundwater elevation at each monitoring 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 -2.12 feet below msl in monitoring well MW-4 to a high of 6.72 feet above msl in monitoring well CW-4. The groundwater elevation in well CW-12 was recorded at -3.26 feet below msl; however, this reading was deemed to be anomalous and was not used in elevation contouring.

The general property groundwater flow direction is to the west at a hydraulic gradient of 0.011 feet per foot (ft/ft) as measured between wells LF-11 and LF-12. The average groundwater elevation was approximately 0.14 feet higher than the average elevation

recorded on August 21, 2002. 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 the surrounding ditches.

A summary of current and historic depth to groundwater and groundwater elevation data for the monitoring well network at the subject properties is presented in Table 2. A potentiometric surface map was prepared from the June 24, 2002 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). Detectable TPH-G was only reported in MWA-1 at 0.17 mg/L, only one of the five wells sampled and analyzed for gasoline. BTEX compounds were not present at or above the method detection limits in any of the five samples analyzed, except MWA-1, which reported total xylenes at a concentration of 0.0039 mg/L. No TPH-D/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

Eleven 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, silver and vanadium were the three 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 3.3 mg/L	(CW-2)
Barium	to 400 mg/L	(CW-6)
Beryllium	to 0.053 mg/L	(LF-11)
Cadmium	to 98 mg/L	(LF-11)
Chromium	to 0.015 mg/L	(LF-11 only)
Cobalt	to 3.2 mg/L	(LF-11)
Copper	to 3.1 mg/L	(LF-11)
Lead	to 0.63 mg/L	(MWA-1)
Mercury	to 0.00033 mg/L	(MWA-1 only)
Molybdenum	to 0.047 mg/L	(LF-11)

Nickel	to 14.0 mg/L	(LF-11)
Selenium	to 0.12 mg/L	(LF-11)
Thallium	to 0.52 mg/L	(LF-11)
Zinc	to 31,000 mg/L	(LF-11)

Total Dissolved Solids (TDS) ranged in concentration from 880 mg/L in monitoring well CW-7 to 90,300 mg/L in monitoring well LF-11. Field measurements of groundwater pH levels ranged from 3.71 standard units (SU) in monitoring well LF-5 to 8.79 SU in monitoring well CW-7.

An historical 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.

### 6.3. WEEP-WATER SAMPLING

Weep-water monitoring was initiated during the Second Quarter 2002 quarterly monitoring event to determine the quality of the groundwater entering the adjacent surface water channel from the 5051 property following the installation of a groundwater barrier wall along the west boundary of the 5051 property. Weep-water monitoring was conducted during a low-tide event by collecting water samples from the exposed drain holes located at the base of the concrete-lined drainage channel wall that parallels a portion of 5051 property. The sampling was conducted where weep-water flow was adequate to allow for the collection of grab-water samples. An effort was made to collect samples from the same weep holes during each sampling event; however, variations in flow do not always allow this and some adjustment in sample locations are made. Weep-water sample locations were identified by sequential numbering of the weep holes counting south from the bend in the channel. The water samples were collected in an appropriate laboratory supplied container and submitted for total metal analyses for arsenic, barium, cadmium, and zinc. These metals were selected as the metals of concern from a previous baseline sampling conducted by Clayton (*Additional Remedial Investigation 1999 at 5050, 5051, and 5200 Coliseum Way and 750-50<sup>th</sup> Avenue, Oakland, California, May 25, 1999, Clayton Project No. 70-99203.00.201*). The historical analytical results are presented in Table 5 and the sample results and locations are shown on Figure 7.

Clayton conducted weep-hole sampling on September 5 and 6, 2002 during favorable tidal conditions. The metals concentrations in sample WH-4 (barium at 0.029 mg/L, cadmium at 0.25 mg/L, and zinc at 26 mg/L) were all lower than previous quarterly monitoring results but are still somewhat elevated from the 1999 weep-hole No. 4 concentrations. Arsenic was not detected in sample WH-4. Metal results for sample WH-9 (barium at 0.036 mg/L, cadmium at 0.019 mg/L, and zinc at 8.2 mg/L) are similar to past quarterly results but still higher than the 1999 results for wee-hole No. 9. Arsenic was detected in sample WH-9 at 0.0092 mg/L. All other sample results did not indicate any significant changes in metal concentrations between sampling events.



## 7.0 CONCLUSIONS AND RECOMMENDATIONS

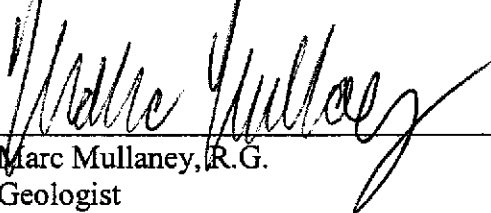
The findings from this and previous quarterly monitoring events indicate that changes in the hydrodynamics of the 5051 property have occurred following the installation of the groundwater barrier wall in November 2001 and grouting of a gap in the wall in June 2002. The barrier wall was installed to divert groundwater flow, primarily to the south along the 5051 property to allow soluble metals to buffer out of the groundwater before reaching the adjacent surface water bodies. Metal concentrations in weep-water samples appear to be stable or potentially decreasing with time. Clayton recommends that weep-water monitoring be continued to confirm this trend.

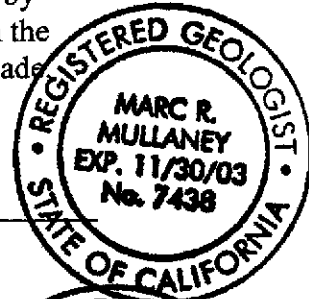
Groundwater monitoring results from the subject property wells indicates that the concentrations of constituents of concern are stable as no significant changes have been noted from the available historical data.

## 8.0 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

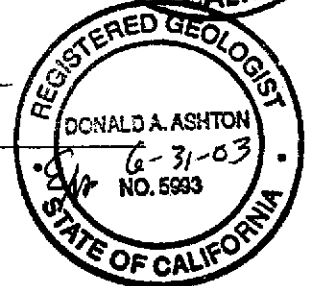
This report prepared by:

  
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Marc Mullaney, R.G.  
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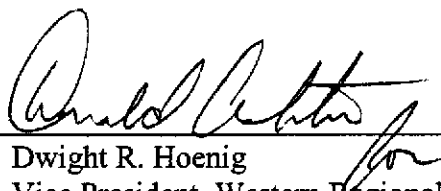


This report reviewed by:

  
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Senior Geologist



This report reviewed by:

  
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Dwight R. Hoenig  
Vice President, Western Regional Director  
Environmental Management and Remediation  
San Francisco Regional Office

**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
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		
30-Aug-01		5.40	4.44	-0.46		
06-Dec-01		5.92	3.92	-0.52		
18-Mar-02		4.89	4.95	1.03		
24-Jun-02		4.89	4.95	0.00		
21-Aug-02		5.18	4.66	-0.29		

**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		
30-Aug-01			5.96	2.07	-0.51		
06-Dec-01			5.92	2.11	0.04		
18-Mar-01				Not Sampled, car parked on wellhead			
24-Jun-02				Not Sampled, car parked on wellhead			
21-Aug-02				5.55	2.48	0.37	

**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)
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		
30-Aug-01		6.59	5.00	-0.71		
06-Dec-01		6.02	5.57	0.57		
18-Mar-02		4.96	6.63	1.06		
24-Jun-02		5.68	5.91	-0.72		
21-Aug-02		6.18	5.41	-0.50		

**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	A	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		
		30-Aug-01	3.74		5.22	-1.68		
		06-Dec-01	3.21		5.75	0.53		
		18-Mar-02	2.35		6.61	0.86		
		24-Jun-02	2.98		5.98	-0.63		
		21-Aug-02	3.90		5.06	-0.92		

**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
		30-Aug-01		6.94	1.76	-0.43
		06-Dec-01		5.95	2.75	0.99
18-Mar-02	6.31	2.39	-0.36			
24-Jun-02	6.40	2.30	-0.09			
21-Aug-02	6.59	2.11	-0.19			
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

**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)
	LF-13 (cont.)	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
		30-Aug-01		4.22	5.53	-1.44
		06-Dec-01		4.70	5.05	-0.48
		18-Mar-02		3.48	6.27	1.22
		24-Jun-02		3.61	6.14	-0.13
		21-Aug-02		4.31	5.44	-0.70
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
		30-Aug-01		6.76	2.95	-0.31
		06-Dec-01		4.35	5.36	2.41
		18-Mar-02		5.25	4.46	-0.90
		24-Jun-02		5.83	3.88	-0.58
		21-Aug-02		6.33	3.38	-0.50



**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
		30-Aug-01		10.46	-1.19	-0.73
		06-Dec-01		8.98	0.29	1.48
		18-Mar-02		8.65	0.62	0.33
		24-Jun-02		9.33	-0.06	-0.68
21-Aug-02	9.62	-0.35	-0.29			
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
		30-Aug-01		7.02	0.77	-1.22
		06-Dec-01		4.01	3.78	3.01
		18-Mar-02		3.11	4.68	0.90
		24-Jun-02		5.73	2.06	-2.62
21-Aug-02	6.02	1.77	-0.29			

**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
		30-Aug-01		9.18	1.32	-0.93
		06-Dec-01		2.07	8.43	7.11
		18-Mar-02		2.80	7.70	-0.73
24-Jun-02	8.03	2.47	-5.23			
21-Aug-02	5.81	4.69	2.22			
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
		30-Aug-01		12.57	-2.30	-0.71
		06-Dec-01		10.68	-0.41	1.89
		18-Mar-02		11.55	-1.28	-0.87
24-Jun-02	12.19	-1.92	-0.64			
21-Aug-02	12.39	-2.12	-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)
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
		30-Aug-01		9.20	0.25	-0.50
		06-Dec-01		8.51	0.94	0.69
		18-Mar-02		8.10	1.35	0.41
		24-Jun-02		8.65	0.80	-0.55
21-Aug-02	Well not accessible, buried					
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
		30-Aug-01		9.24	4.87	-0.54
		06-Dec-01		9.07	5.04	0.17
18-Mar-02	8.35	5.76	0.72			
24-Jun-02	8.48	5.63	-0.13			
21-Aug-02	8.98	5.13	-0.50			

**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-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
		30-Aug-01		9.61	5.27	-0.51
		06-Dec-01		9.92	4.96	-0.31
		18-Mar-02		8.78	6.10	1.14
24-Jun-02	9.04	5.84	-0.26			
21-Aug-02	9.38	5.50	-0.34			
5200	CW-4	30-Sep-96	14.76	8.08	6.68	
		19-Aug-97		8.92	5.84	-0.84
		10-Dec-97		8.06	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
		30-Aug-01		8.30	6.46	-0.55
		06-Dec-01		8.60	6.16	-0.30
		18-Mar-02		7.22	7.54	1.38
24-Jun-02	7.71	7.05	-0.49			
21-Aug-02	8.04	6.72	-0.33			

**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-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
		30-Aug-01		9.12		4.08	-0.56
		06-Dec-01		8.56		4.64	0.56
		18-Mar-02		7.95		5.25	0.61
		24-Jun-02		8.40		4.80	-0.45
		21-Aug-02		8.98		4.22	-0.58
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
		30-Aug-01		7.76		4.10	-0.56
		06-Dec-01		7.24		4.62	0.52
		18-Mar-02		12.05		-0.19	-4.81
		24-Jun-02		7.12		4.74	4.93
		21-Aug-02		7.70		4.16	-0.58

**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
		30-Aug-01		5.41		3.83	-0.50
		06-Dec-01		4.94		4.30	0.47
		18-Mar-02		4.70		4.54	0.24
		24-Jun-02		4.55		4.69	0.15
21-Aug-02	4.33	4.91	0.22				
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
		30-Aug-01		11.16		-0.81	0.02
		06-Dec-01		11.59		-1.24	-0.43
		18-Mar-02		11.33		-0.98	0.26
		24-Jun-02		10.95		-0.60	0.38
21-Aug-02	10.70	-0.35	0.25				

**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
		30-Aug-01		7.90		0.43	-0.46
		06-Dec-01		6.07		2.26	1.83
		18-Mar-02		7.47		0.86	-1.40
		24-Jun-02		7.35		0.98	0.12
		21-Aug-02		4.71		3.62	2.64
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
		30-Aug-01		6.74		1.10	-0.09
		06-Dec-01		6.92		0.92	-0.18
		18-Mar-02		6.60		1.24	0.32
		24-Jun-02		6.48		1.36	0.12
		21-Aug-02		11.10		-3.26	-4.62

**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)
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
		30-Aug-01		5.98		1.49	-0.35
		06-Dec-01		4.89		2.58	1.09
		18-Mar-02		5.08		2.39	-0.19
		24-Jun-02		5.53		1.94	-0.45
		21-Aug-02		5.69		1.78	-0.16

Notes: 1 reference to top of PVC casing of each well.

-- = Not Measured

y 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

or in numbering wells, CW-3 and CW-5 reversed

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

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

covered repaired and TOC resurveyed (10/12/98)

eyed (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	<0.3	-	-	-	-	-
LF-11	30-Aug-01	-	<0.05	<0.3	-	-	-	-	-
LF-11	7-Dec-01	-	<0.05	<0.3	-	-	-	-	-
LF-11	18-Mar-02	-	<0.05	<0.3	-	-	-	-	-
LF-11	24-Jun-02	-	<0.05	<0.3	-	-	-	-	-
LF-11	21-Aug-02	-	<0.05	<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	10
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	<0.4r1	<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	0.00059	<0.0005	<0.0005	<0.0005
MWA-1	30-Aug-01	-	<0.05	<0.3	0.17	<0.0005	<0.0005	<0.0005	<0.0005
MWA-1	6-Dec-01	-	<0.05	<0.3	0.7	<0.0005	<0.0005	0.00062	<0.0005
MWA-1	18-Mar-02	-	<0.05	<0.3	0.27	0.0012	<0.0005	<0.0005	<0.0005
MWA-1	24-Jun-02	-	0.057	<0.3	0.27	0.0013	<0.0005	<0.0005	0.00054
MWA-1	21-Aug-02	-	<0.05	<0.3	0.17	<0.0005	<0.0005	<0.0005	0.0039
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
MW-4	30-Aug-01	-	-	-	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
MW-4	6-Dec-01	-	-	-	<0.05	0.001	<0.0005	0.0031	0.0014
MW-4	18-Mar-02	-	-	-	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
MW-4	24-Jun-02	-	-	-	<0.05	<0.0005	<0.0005	<0.0005	<0.0005
MW-4	21-Aug-02	-	-	-	<0.05	<0.0005	<0.0005	<0.0005	<0.0005

**TABLE 3**  
**Petroleum Hydrocarbons Detected in Groundwater**  
**5050, 5051 & 5200 Colliseum 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-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	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-2	30-Aug-01	-	0.066	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-2	6-Dec-01	-	< 0.050	< 0.3	0.071	0.0038	0.00093	0.010	0.0057
CW-2	18-Mar-02	-	< 0.050	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-2	24-Jun-02	-	0.12	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-2	21-Aug-02	-	< 0.05	< 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-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	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	30-Aug-01	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	6-Dec-01	-	< 0.05	< 0.3	< 0.05	0.00073	< 0.0005	0.0023	0.0012
CW-6	18-Mar-02	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	24-Jun-02	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-6	21-Aug-02	-	< 0.05	< 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
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
CW-7	30-Aug-01	-	< 0.05	0.41	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-7	6-Dec-01	-	< 0.05	< 0.3	0.065	< 0.0005	0.00063	0.0055	0.00379
CW-7	18-Mar-02	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-7	24-Jun-02	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005
CW-7	21-Aug-02	-	< 0.05	< 0.3	< 0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005

**Notes:**

All results reported in milligrams per liter (mg/L)

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)
	MCL		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
5050	LF-5	30-Aug-01	< 0.06	0.0071	0.014	< 0.002	0.72	0.011	3.1	< 0.01	0.025	< 0.0002
5050	LF-5	7-Dec-01	< 0.06	< 0.005	0.020	< 0.002	0.390	< 0.010	1.6	< 0.01	0.012	< 0.0002
5050	LF-5	18-Mar-02	Well inaccessible									
5050	LF-5	24-Jun-02	Well inaccessible									
5050	LF-5	21-Aug-02	< 0.06	< 0.005	0.018	< 0.002	0.089	< 0.010	0.29	< 0.01	0.0042	< 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	-
5050	LF-5	30-Aug-01	< 0.02	8.9	0.088	< 0.005	0.36	< 0.01	170	16,500	6.24	-
5050	LF-5	7-Dec-01	< 0.02	4.6	0.047	< 0.005	0.16	< 0.01	80	9,480	6.24	-
5050	LF-5	18-Mar-02	Well inaccessible									
5050	LF-5	24-Jun-02	Well inaccessible									
5050	LF-5	21-Aug-02	< 0.02	0.94	0.026	< 0.005	0.083	< 0.01	20	5,920	3.71	-

**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)
MCL			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) (Cont.)	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
5050	LF-11	30-Aug-01	< 0.06	0.034	0.013	0.041	73	0.017	2.7	2.7	0.23	< 0.0002
5050	LF-11	7-Dec-01	< 0.06	0.045	0.019	0.050	79	0.021	3.1	3.4	0.076	< 0.0002
5050	LF-11	18-Mar-02	< 0.06	0.034	0.015	0.034	62	0.011	2.5	2.5	0.066	0.0002
5050	LF-11	24-Jun-02	< 0.06	0.054	0.011	0.049	96	0.031	3.2	2.9	0.084	< 0.0002
5050	LF-11	21-Aug-02	< 0.06	0.057	0.011	0.053	98	0.015	3.2	3.1	0.12	< 0.0002



**TABLE 4**  
**Metals, Total Dissolved Solids, pH and Chloride Detected in Groundwater**  
**5050, 5051 5200 Colliseum 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) (Cont.)	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	-
5050	LF-11	30-Aug-01	< 0.02	12	0.077	< 0.005	0.35	< 0.01	25,000	77,000	3.75	-
5050	LF-11	7-Dec-01	< 0.02	14	0.081	< 0.005	0.34	< 0.01	34,000	96,800	3.75	-
5050	LF-11	18-Mar-02	< 0.02	11	0.074	< 0.005	0.34	< 0.01	20,000	86,700	4.21	-
5050	LF-11	24-Jun-02	0.023	14	0.11	< 0.005	0.46	< 0.01	34,000	40,000	5.00	-
5050	LF-11	21-Aug-02	0.047	14	0.12	< 0.005	0.52	< 0.01	31,000	90,300	3.92	-

**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)
		MCL	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	(Cont.) 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
5050	LF-12	30-Aug-01	< 0.06	0.01	0.013	0.012	1.6	< 0.01	1.3	0.69	0.033	0.00027
5050	LF-12	7-Dec-01	< 0.06	0.023	0.013	0.013	1.6	< 0.01	1.3	0.79	0.029	< 0.0002
5050	LF-12	18-Mar-02	< 0.06	< 0.005	0.015	0.009	1.3	< 0.01	1.0	0.92	0.014	0.00045
5050	LF-12	24-Jun-02	< 0.06	0.021	< 0.010	0.011	2.4	< 0.01	1.3	0.60	0.023	0.00054
5050	LF-12	21-Aug-02	< 0.06	< 0.005	0.011	0.011	1.5	< 0.01	1.1	0.65	0.016	< 0.0002
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

**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	(Cont.) 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	-
5050	LF-12	30-Aug-01	< 0.02	3.8	0.055	< 0.005	0.11	< 0.01	1,800	10,300	4.13	-
5050	LF-12	7-Dec-01	< 0.02	3.9	0.044	< 0.005	0.091	< 0.01	2,300	10,700	4.13	-
5050	LF-12	18-Mar-02	< 0.02	3.1	0.049	< 0.005	0.1	< 0.01	1,600	9,120	4.00	-
5050	LF-12	24-Jun-02	< 0.02	3.8	0.042	< 0.005	0.13	< 0.01	2,200	6,670	4.21	-
5050	LF-12	21-Aug-02	< 0.02	3.3	0.046	< 0.005	0.13	< 0.01	1,800	8,850	3.85	-
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	-

**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	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	MWA-1	(Cont.) 30-Aug-01	<0.06	<0.005	0.11	<0.002	2.2	<0.01	0.033	0.99	1.1	<0.0002
5051	MWA-1	6-Dec-01	<0.06	<0.005	<0.01	<0.002	2.5	<0.01	0.029	1.2	0.94	0.00054
5051	MWA-1	18-Mar-02	<0.06	0.0086	<0.01	<0.002	2.9	<0.01	<0.02	0.79	0.89	0.00094
5051	MWA-1	24-Jun-02	<0.06	0.009	0.015	<0.002	3.7	<0.01	<0.02	0.91	0.56	0.0019
5051	MWA-1	21-Aug-02	<0.06	0.012	0.010	<0.002	4.2	<0.01	<0.02	0.92	0.63	0.00033
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
5051	MW-4	30-Aug-01	<0.06	<0.005	0.077	<0.002	0.13	<0.01	0.052	0.035	0.029	<0.0002
5051	MW-4	6-Dec-01	<0.06	<0.005	0.01	<0.002	0.28	<0.01	0.056	0.020	0.021	<0.0002
5051	MW-4	18-Mar-02	<0.06	<0.005	< 0.01	<0.002	0.21	<0.01	0.036	< 0.010	0.028	<0.0002
5051	MW-4	24-Jun-02	<0.06	<0.005	< 0.01	<0.002	0.14	0.018	0.046	0.016	0.017	<0.0002
5051	MW-4	21-Aug-02	<0.06	<0.005	< 0.01	<0.002	0.23	<0.01	0.069	0.019	0.024	<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	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
		<b>MCL</b>	<b>0.006</b>	<b>0.05</b>	<b>1</b>	<b>0.004</b>	<b>0.005</b>	<b>0.05</b>	<b>--</b>	<b>1.3<sup>+</sup></b>	<b>0.015<sup>++</sup></b>	<b>0.002</b>
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	(Cont.) 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
5051	MW-5	30-Aug-01	<0.06	0.013	1.1	<0.002	<0.005	<0.01	<0.02	<0.01	<0.003	<0.0002
5051	MW-5	6-Dec-01	<0.06	<0.005	0.9	<0.002	<0.005	<0.01	<0.02	<0.01	<0.003	<0.0002
5051	MW-5	18-Mar-02	<0.06	<0.005	0.71	<0.002	<0.005	<0.01	<0.02	0.010	0.0097	<0.0002
5051	MW-5	24-Jun-02	<0.06	<0.005	0.64	<0.002	<0.005	<0.01	<0.02	0.010	< 0.003	<0.0002
5051	MW-5	21-Aug-02	Well inaccessible									
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
5200	CW-1	30-Aug-01	< 0.06	0.2	0.14	< 0.002	0.013	< 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			
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	(Cont.) 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	-
5051	MW-5	30-Aug-01	< 0.02	< 0.02	0.016	< 0.005	< 0.005	< 0.01	0.022	2,800	7.26	-
5051	MW-5	6-Dec-01	< 0.02	< 0.02	0.02	< 0.005	< 0.005	< 0.01	0.087	3,270	7.26	-
5051	MW-5	18-Mar-02	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.350	2,330	7.50	-
5051	MW-5	24-Jun-02	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.026	1,700	7.09	-
5051	MW-5	21-Aug-02	Well inaccessible									
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	-
5200	CW-1	30-Aug-01	< 0.02	0.021	0.0058	< 0.005	< 0.005	< 0.01	22	1,850	7.16	-

**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
5200	CW-1	7-Dec-01	<0.06	0.17	0.24	<0.002	<0.005	<0.01	<0.02	<0.01	<0.003	<0.0002
5200	CW-1	18-Mar-02	<0.06	0.43	0.11	<0.002	0.013	<0.01	0.043	<0.01	<0.003	<0.0002
5200	CW-1	24-Jun-02	<0.06	0.39	0.031	<0.002	0.032	<0.01	0.069	<0.01	<0.003	<0.0002
5200	CW-1	21-Aug-02	<0.06	0.4	0.027	<0.002	0.023	<0.01	0.055	<0.01	<0.003	<0.0002
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	(Cont.) 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
5200	CW-2	30-Aug-01	<0.06	2.7	110	<0.002	0.005	<0.01	<0.02	<0.01	<0.003	<0.0002
5200	CW-2	7-Dec-01	<0.06	2.8	220	<0.002	0.005	<0.01	<0.02	<0.01	<0.003	<0.0002
5200	CW-2	18-Mar-02	<0.06	0.27	130	<0.002	< 0.005	<0.01	<0.02	<0.01	<0.003	<0.0002
5200	CW-2	24-Jun-02	<0.06	3.7	160	<0.002	< 0.005	<0.01	<0.02	<0.01	<0.003	<0.0002
5200	CW-2	21-Aug-02	<0.06	3.3	150	<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			
5200	CW-1	7-Dec-01	<0.02	<0.02	0.011	<0.005	<0.005	<0.01	11	1,460	7.16	-
5200	CW-1	18-Mar-02	<0.02	0.096	<0.005	<0.005	<0.005	<0.01	94	1,630	7.39	-
5200	CW-1	24-Jun-02	<0.02	0.15	0.0063	<0.005	0.013	<0.01	160	1,820	6.33	-
5200	CW-1	21-Aug-02	<0.02	0.11	0.011	<0.005	0.015	<0.01	120	1,900	6.53	-
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	(Cont.) 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	-
5200	CW-2	30-Aug-01	<0.02	<0.02	0.0073	<0.005	<0.005	<0.01	3.5	1,050	7.33	-
5200	CW-2	7-Dec-01	<0.02	<0.02	0.01	<0.005	<0.005	<0.01	<0.5	1,290	7.33	-
5200	CW-2	18-Mar-02	<0.02	<0.02	<0.005	<0.005	0.0062	<0.01	0.055	700	7.36	-
5200	CW-2	24-Jun-02	<0.02	<0.02	<0.005	<0.005	<0.005	<0.01	0.44	1,010	7.12	-
5200	CW-2	21-Aug-02	<0.02	<0.02	<0.005	<0.005	<0.005	<0.01	<0.02	1,310	7.06	-



**TABLE 5**  
**Weep Water Sampling Results**  
**5051 Coliseum Way, Oakland, CA**  
 Concentrations in milligrams per liter (mg/L)

SAMPLE NO.	Weep Hole #	Sample Date	Arsenic	Barium	Cadmium	Zinc	pH
WW-1	4	13-Jan-99	< 0.05	<0.01	0.08	9.4	7.4
WW-1	4	25-Feb-02	--	0.038	1.1	120	7.49
WW-1	4	25-Mar-02	--	0.03	1	140	6.89
WH-4	4	17-Jun-02	< 0.005	0.032	0.52	53	6.8
WH-4	4	05-Sep-02	< 0.005	0.029	0.25	26	6.7
WH-5	5	25-Feb-02	--	0.033	<0.005	1.3	7.93
WH-6	6	25-Feb-02	--	0.037	0.0053	0.48	7.76
WH-6	6	25-Mar-02	--	0.042	< 0.005	0.45	7.41
WH-6	6	17-Jun-02	< 0.005	0.036	0.0061	0.58	7.3
WH-6	6	05-Sep-02	< 0.005	0.032	0.0066	0.67	7.3
WW-2	7	13-Jan-99	< 0.05	<0.10	<0.05	1.7	7.2
WW-3	9	13-Jan-99	< 0.05	<0.10	<0.05	2.9	7.3
WW-3	9	25-Feb-02	--	0.036	0.012	7.2	7.3
WW-3	9	25-Mar-02	--	0.037	0.013	11	7.49
WH-9	9	17-Jun-02	< 0.005	0.038	0.015	7.4	7.2
WH-9	9	06-Sep-02	0.0092	0.036	0.019	8.2	7.2
WH-12	12	25-Feb-02	--	<0.200	<0.005	2.1	7.62
WH-12	12	25-Mar-02	--	0.042	< 0.005	2	7.06
WH-12	12	17-Jun-02	< 0.005	0.043	< 0.005	1.4	7.2
WH-12	12	05-Sep-02	< 0.005	0.037	< 0.005	1.3	7.3
WW-4	14	13-Jan-99	< 0.05	<0.10	<0.05	2.7	7.3
WH-14	14	05-Sep-02	< 0.005	0.042	0.0054	1.1	7.5
WW-5	16	13-Jan-99	< 0.05	<0.10	<0.05	1.9	7.4
WW-5	16	25-Mar-02	--	0.031	< 0.005	1.4	7.9
WH-16	16	17-Jun-02	< 0.005	0.044	0.0063	1.4	7.2
WH-17	17	25-Feb-02	--	0.037	<0.005	0.58	7.85
WH-17	17	25-Mar-02	--	0.035	< 0.005	0.55	7.71
WH-17	17	17-Jun-02	< 0.005	0.045	< 0.005	0.72	7.0
WH-17	17	05-Sep-02	< 0.005	0.037	< 0.005	0.75	7.2
WW-6	18	13-Jan-99	< 0.05	<0.10	<0.05	0.8	7.7

Notes:

pH results reported in Standard Units (SU).

**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			
5200	CW-1	7-Dec-01	<0.02	<0.02	0.011	<0.005	<0.005	<0.01	11	1,460	7.16	-
5200	CW-1	18-Mar-02	<0.02	0.096	<0.005	<0.005	<0.005	<0.01	94	1,630	7.39	-
5200	CW-1	24-Jun-02	<0.02	0.15	0.0063	<0.005	0.013	<0.01	160	1,820	6.33	-
5200	CW-1	21-Aug-02	<0.02	0.11	0.011	<0.005	0.015	<0.01	120	1,900	6.53	-
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	(Cont.) 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	-
5200	CW-2	30-Aug-01	<0.02	< 0.02	0.0073	<0.005	<0.005	< 0.01	3.5	1,050	7.33	-
5200	CW-2	7-Dec-01	<0.02	< 0.02	0.01	<0.005	<0.005	< 0.01	< 0.5	1,290	7.33	-
5200	CW-2	18-Mar-02	<0.02	< 0.02	<0.005	<0.005	0.0062	< 0.01	0.055	700	7.36	-
5200	CW-2	24-Jun-02	<0.02	< 0.02	<0.005	<0.005	<0.005	< 0.01	0.44	1,010	7.12	-
5200	CW-2	21-Aug-02	<0.02	< 0.02	<0.005	<0.005	<0.005	< 0.01	< 0.02	1,310	7.06	-

**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-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
ACPWA-E	CW-6	30-Aug-01	< 0.06	0.23	510	< 0.002	0.034	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-6	6-Dec-01	< 0.06	0.29	410	< 0.002	0.02	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-6	18-Mar-02	< 0.06	0.26	290	< 0.002	0.041	< 0.01	< 0.02	0.034	< 0.003	< 0.0002
ACPWA-E	CW-6	24-Jun-02	< 0.06	0.18	350	< 0.002	0.13	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-6	21-Aug-02	< 0.06	0.24	400	< 0.002	0.042	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
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 (Cont.)	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-E	CW-7	30-Aug-01	< 0.06	0.035	84	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-7	6-Dec-01	< 0.06	0.023	210	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-7	18-Mar-02	< 0.06	0.034	180	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-7	24-Jun-02	< 0.06	0.052	210	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWA-E	CW-7	21-Aug-02	< 0.06	0.056	200	< 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-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	-
ACPWA-E	CW-6	30-Aug-01	< 0.02	0.21	0.008	< 0.005	< 0.005	< 0.01	10	2,430	7.18	-
ACPWA-E	CW-6	6-Dec-01	< 0.02	0.15	0.0089	< 0.005	< 0.005	< 0.01	9.9	1,850	7.18	-
ACPWA-E	CW-6	18-Mar-02	< 0.02	0.20	< 0.005	< 0.005	< 0.005	0.024	12	1,680	7.28	-
ACPWA-E	CW-6	24-Jun-02	< 0.02	0.19	< 0.005	< 0.005	< 0.005	0.016	9.9	1,710	6.87	-
ACPWA-E	CW-6	21-Aug-02	< 0.02	0.17	0.0077	< 0.005	0.0084	< 0.01	9.4	1,970	6.91	-
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 (Cont.)	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-E	CW-7	30-Aug-01	0.029	< 0.02	< 0.005	< 0.005	< 0.005	0.01	< 0.02	800	9.37	-
ACPWA-E	CW-7	6-Dec-01	0.028	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	< 0.5	860	9.37	-
ACPWA-E	CW-7	18-Mar-02	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.083	680	10.31	-
ACPWA-E	CW-7	24-Jun-02	0.021	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	< 0.02	680	10.41	-
ACPWA-E	CW-7	21-Aug-02	0.023	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	< 0.02	880	8.79	-

**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)
	MCL		0.006	0.05	1	0.004	0.005	0.05	--	1.3 <sup>+</sup>	0.015 <sup>++</sup>	0.002
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
ACPWAW	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
ACPWAW	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
ACPWAW	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
ACPWAW	CW-12	30-Aug-01	< 0.06	< 0.005	0.18	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWAW	CW-12	6-Dec-01	< 0.06	< 0.005	0.074	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWAW	CW-12	18-Mar-02	< 0.06	< 0.005	0.037	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWAW	CW-12	24-Jun-02	< 0.06	< 0.005	0.11	< 0.002	< 0.005	< 0.01	< 0.02	< 0.01	< 0.003	< 0.0002
ACPWAW	CW-12	21-Aug-02	< 0.06	< 0.005	0.15	< 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
MCL			--	0.10	0.05	0.1 <sup>+</sup>	0.002	--	5			
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	-
ACPWAW	CW-12	15-Dec-00	< 0.02	< 0.02	0.0051	< 0.005	< 0.005	< 0.01	0.28	16,600	7.46	-
ACPWAW	CW-12	27-Mar-01	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.89	2,620	8.24	-
ACPWAW	CW-12	11-Jun-01	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.12	6,550	7.60	-
ACPWAW	CW-12	30-Aug-01	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	0.035	19,700	7.64	-
ACPWAW	CW-12	6-Dec-01	< 0.02	< 0.02	0.0055	< 0.005	< 0.005	< 0.01	0.63	11,700	7.64	-
ACPWAW	CW-12	18-Mar-02	< 0.02	< 0.02	< 0.005	< 0.005	0.0052	< 0.01	0.053	3,240	8.00	-
ACPWAW	CW-12	24-Jun-02	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	< 0.02	6,380	7.41	-
ACPWAW	CW-12	21-Aug-02	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.01	< 0.02	12,900	7.12	-

**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	(Cont.) 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
5050	CW-13	30-Aug-01	< 0.06	< 0.005	0.023	0.0026	0.81	< 0.01	0.72	0.067	0.0087	< 0.0002
5050	CW-13	6-Dec-01	< 0.06	< 0.005	< 0.01	0.0025	0.77	< 0.01	0.71	0.052	0.0062	< 0.0002
5050	CW-13	18-Mar-02	< 0.06	0.0063	0.087	< 0.002	0.40	< 0.01	0.39	0.093	0.054	0.00051
5050	CW-13	24-Jun-02	< 0.06	< 0.005	0.039	0.0026	0.84	< 0.01	0.78	0.058	0.0097	< 0.0002
5050	CW-13	21-Aug-02	< 0.06	< 0.005	0.061	< 0.002	0.81	< 0.01	0.71	0.047	0.009	< 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	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	(Cont.) 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	-
5050	CW-13	30-Aug-01	< 0.02	2.1	0.024	< 0.005	0.081	< 0.01	990	7,530	5.66	-
5050	CW-13	6-Dec-01	< 0.02	2.2	0.022	< 0.005	0.066	< 0.01	1,200	7,940	5.66	-
5050	CW-13	18-Mar-02	< 0.02	1.1	0.016	< 0.005	0.048	< 0.01	600	3,160	6.60	-
5050	CW-13	24-Jun-02	< 0.02	2.3	0.033	< 0.005	0.11	< 0.01	1,100	5,630	5.71	-
5050	CW-13	21-Aug-02	< 0.02	2.2	0.028	< 0.005	0.11	< 0.01	980	7,550	5.75	-

**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

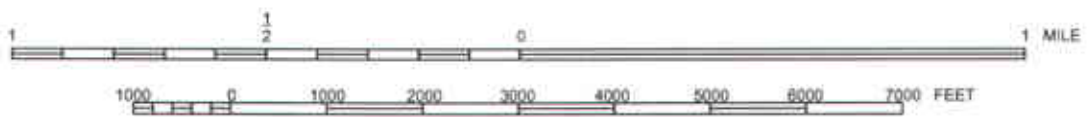
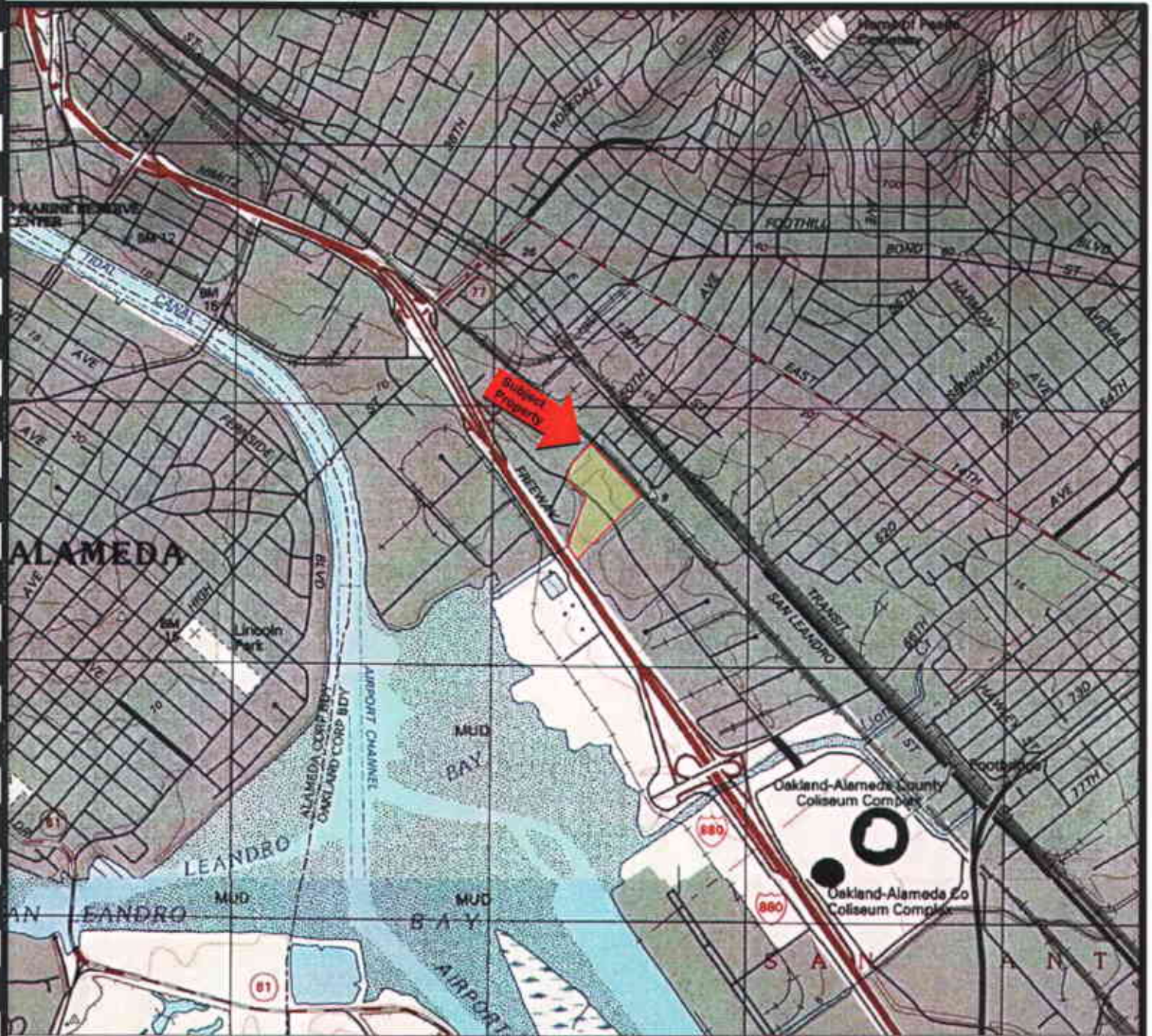


**TABLE 5**  
**Weep Water Sampling Results**  
**5051 Coliseum Way, Oakland, CA**  
**Concentrations in milligrams per liter (mg/L)**

SAMPLE NO.	Weep Hole #	Sample Date	Arsenic	Barium	Cadmium	Zinc	pH
WW-1	4	13-Jan-99	< 0.05	<0.01	0.08	9.4	7.4
WW-1	4	25-Feb-02	--	0.038	1.1	120	7.49
WW-1	4	25-Mar-02	--	0.03	1	140	6.89
WH-4	4	17-Jun-02	< 0.005	0.032	0.52	53	6.8
WH-4	4	05-Sep-02	< 0.005	0.029	0.25	26	6.7
WH-5	5	25-Feb-02	--	0.033	<0.005	1.3	7.93
WH-6	6	25-Feb-02	--	0.037	0.0053	0.48	7.76
WH-6	6	25-Mar-02	--	0.042	< 0.005	0.45	7.41
WH-6	6	17-Jun-02	< 0.005	0.036	0.0061	0.58	7.3
WH-6	6	05-Sep-02	< 0.005	0.032	0.0066	0.67	7.3
WW-2	7	13-Jan-99	< 0.05	<0.10	<0.05	1.7	7.2
WW-3	9	13-Jan-99	< 0.05	<0.10	<0.05	2.9	7.3
WW-3	9	25-Feb-02	--	0.036	0.012	7.2	7.3
WW-3	9	25-Mar-02	--	0.037	0.013	11	7.49
WH-9	9	17-Jun-02	< 0.005	0.038	0.015	7.4	7.2
WH-9	9	06-Sep-02	0.0092	0.036	0.019	8.2	7.2
WH-12	12	25-Feb-02	--	<0.200	<0.005	2.1	7.62
WH-12	12	25-Mar-02	--	0.042	< 0.005	2	7.06
WH-12	12	17-Jun-02	< 0.005	0.043	< 0.005	1.4	7.2
WH-12	12	05-Sep-02	< 0.005	0.037	< 0.005	1.3	7.3
WW-4	14	13-Jan-99	< 0.05	<0.10	<0.05	2.7	7.3
WH-14	14	05-Sep-02	< 0.005	0.042	0.0054	1.1	7.5
WW-5	16	13-Jan-99	< 0.05	<0.10	<0.05	1.9	7.4
WW-5	16	25-Mar-02	--	0.031	< 0.005	1.4	7.9
WH-16	16	17-Jun-02	< 0.005	0.044	0.0063	1.4	7.2
WH-17	17	25-Feb-02	--	0.037	<0.005	0.58	7.85
WH-17	17	25-Mar-02	--	0.035	< 0.005	0.55	7.71
WH-17	17	17-Jun-02	< 0.005	0.045	< 0.005	0.72	7.0
WH-17	17	05-Sep-02	< 0.005	0.037	< 0.005	0.75	7.2
WW-6	18	13-Jan-99	< 0.05	<0.10	<0.05	0.8	7.7

Notes:

pH results reported in Standard Units (SU).



Portion of the 7.5-Minute Series Oakland East, California  
 Quadrangle Topographic Map  
 United States Department of the Interior  
 Geological Survey  
 1997

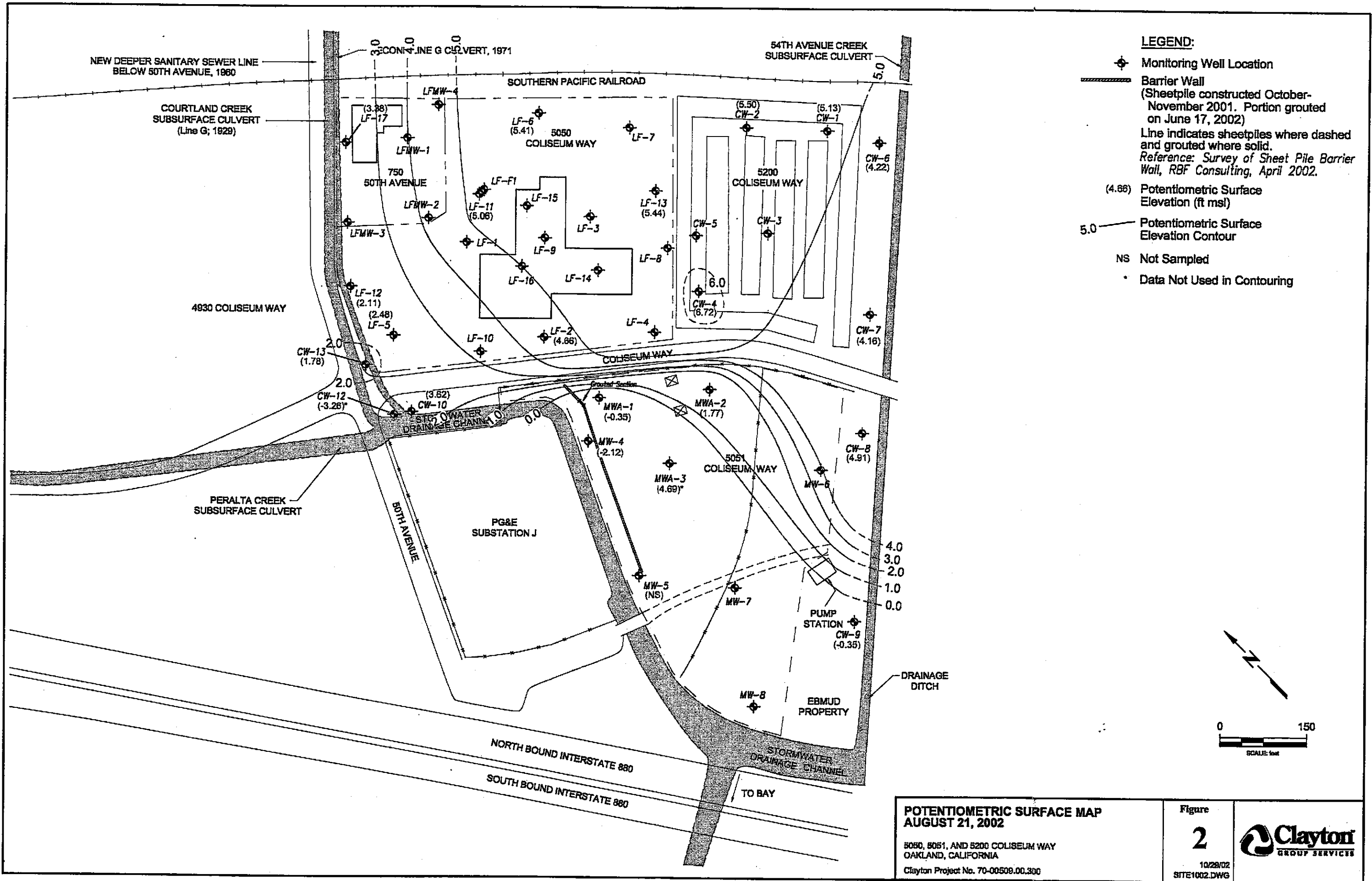


PROPERTY LOCATION MAP  
 Coliseum Way Properties  
 Oakland, California

Clayton Project No. 70-00509.00.300

Figure  
 1



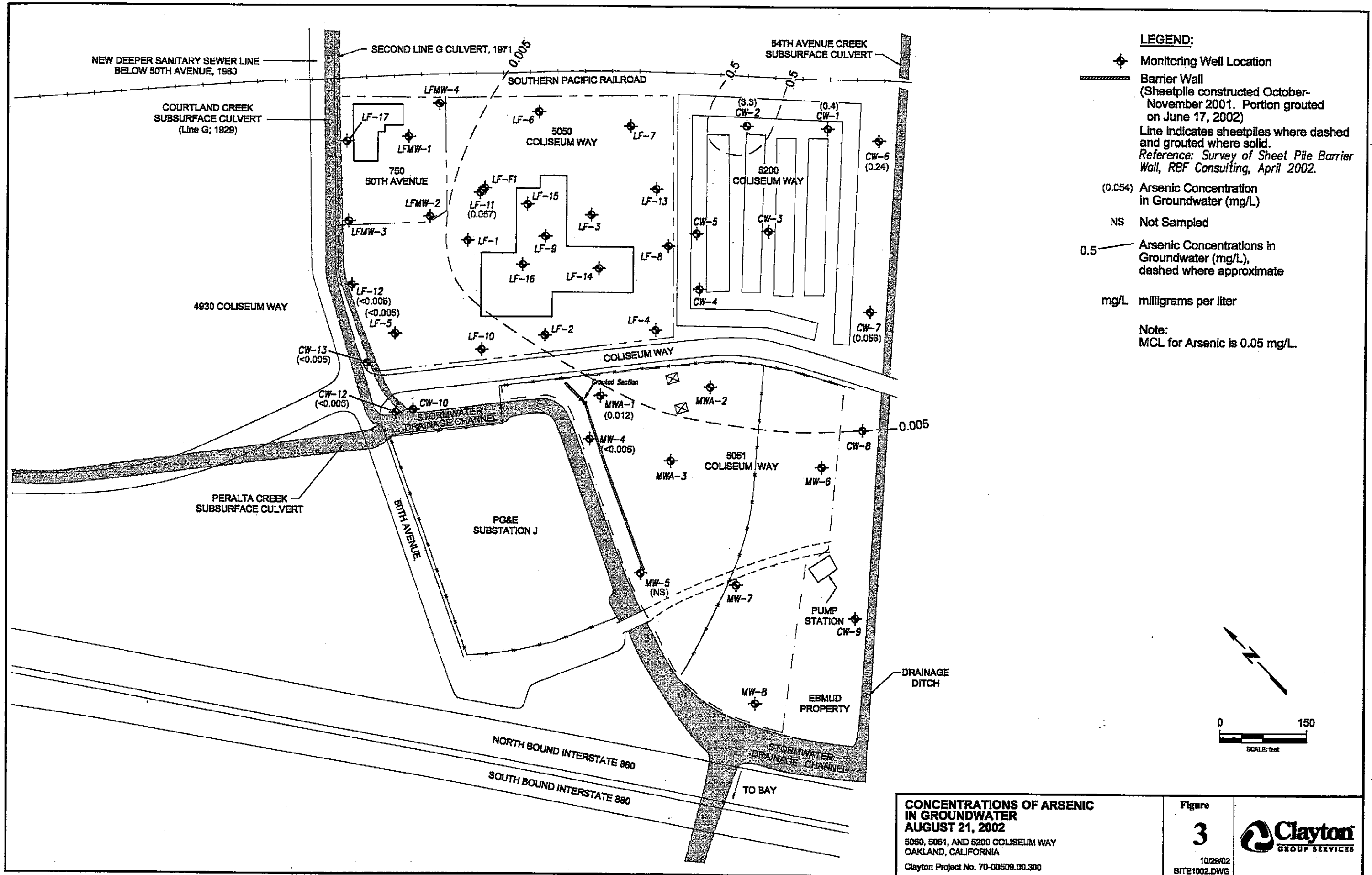


**POTENTIOMETRIC SURFACE MAP  
AUGUST 21, 2002**

5050, 5051, AND 5200 COLISEUM WAY  
OAKLAND, CALIFORNIA  
Clayton Project No. 70-00509.00.300

Figure  
**2**  
10/28/02  
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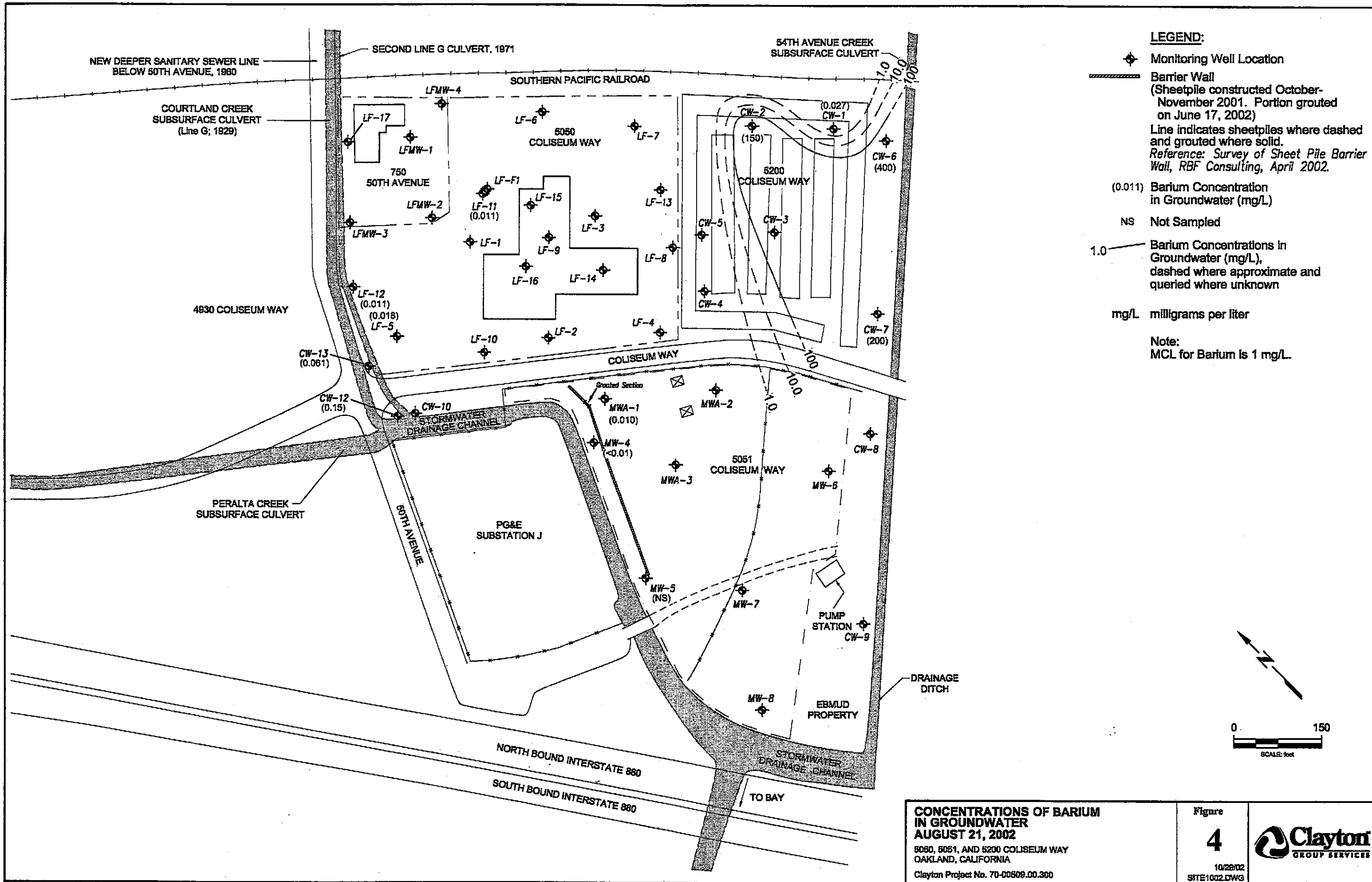




**CONCENTRATIONS OF ARSENIC IN GROUNDWATER AUGUST 21, 2002**  
 5050, 5051, AND 5200 COLISEUM WAY  
 OAKLAND, CALIFORNIA  
 Clayton Project No. 70-00509.00.300

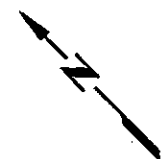
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**3**  
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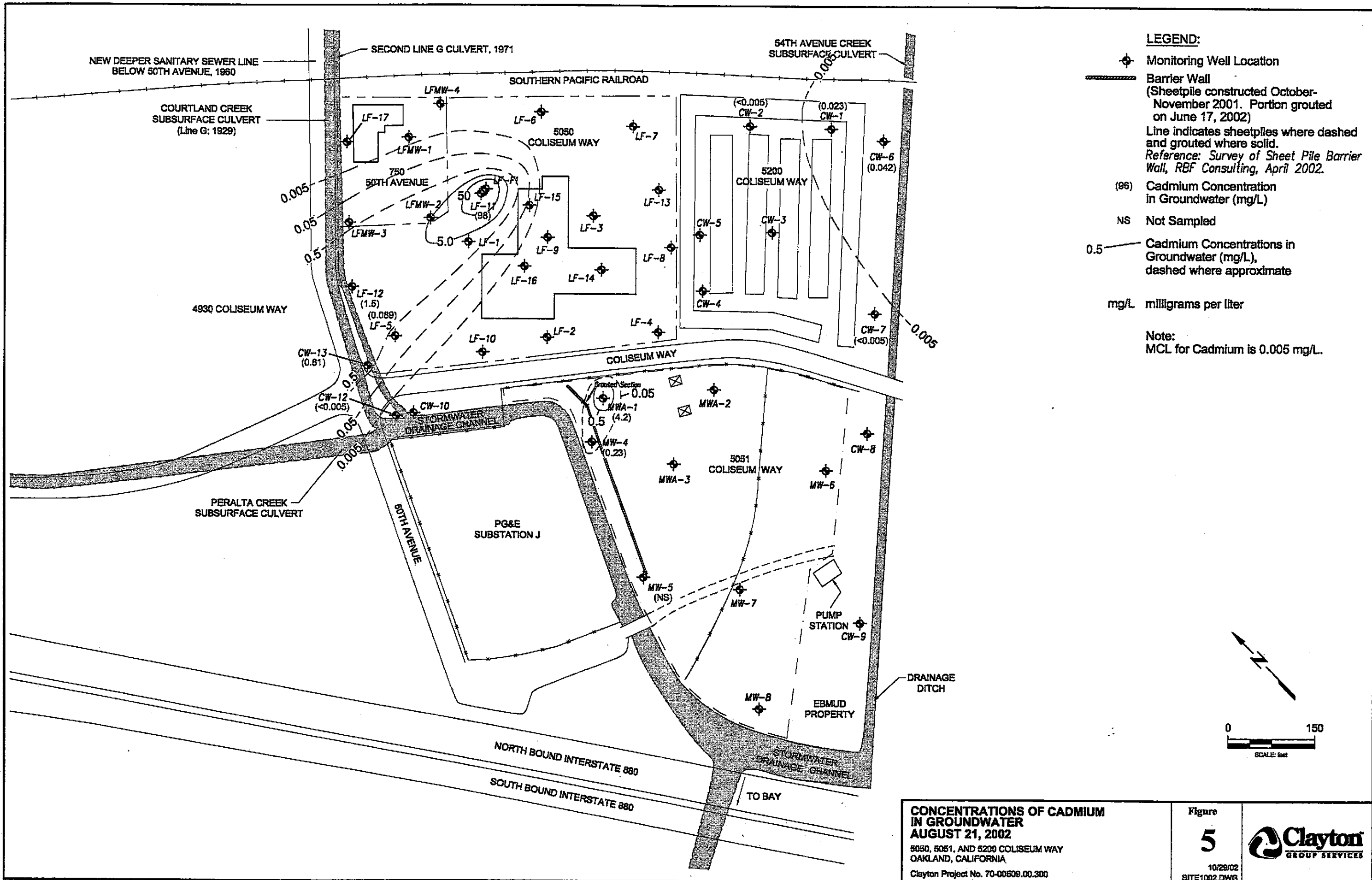
**Clayton**  
 GROUP SERVICES



**CONCENTRATIONS OF BARIUM IN GROUNDWATER AUGUST 21, 2002**  
 5050, 5051, AND 5200 COLISEUM WAY  
 OAKLAND, CALIFORNIA  
 Clayton Project No. 70-00609.00.300

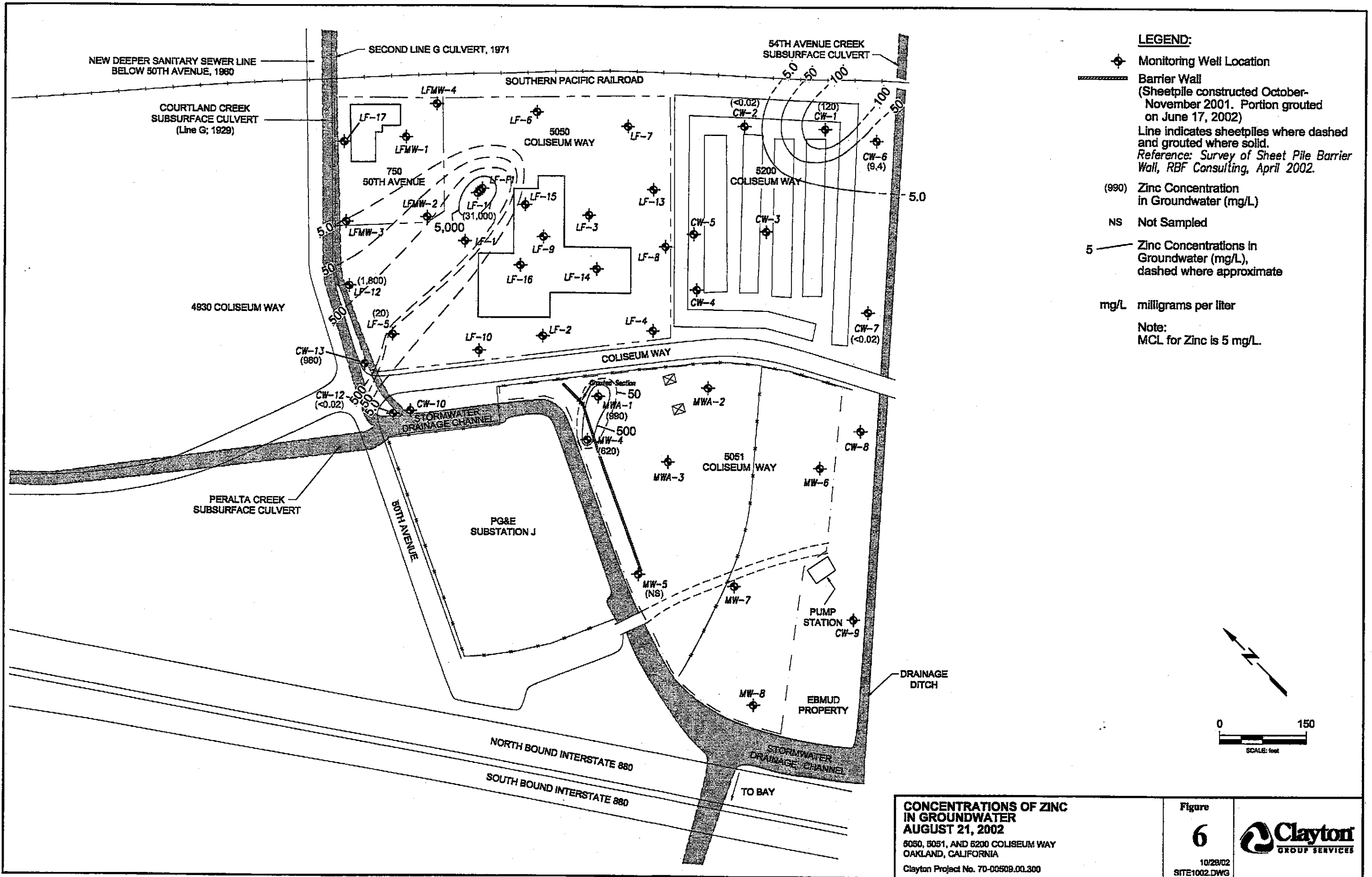
Figure  
**4**  
 10/28/02  
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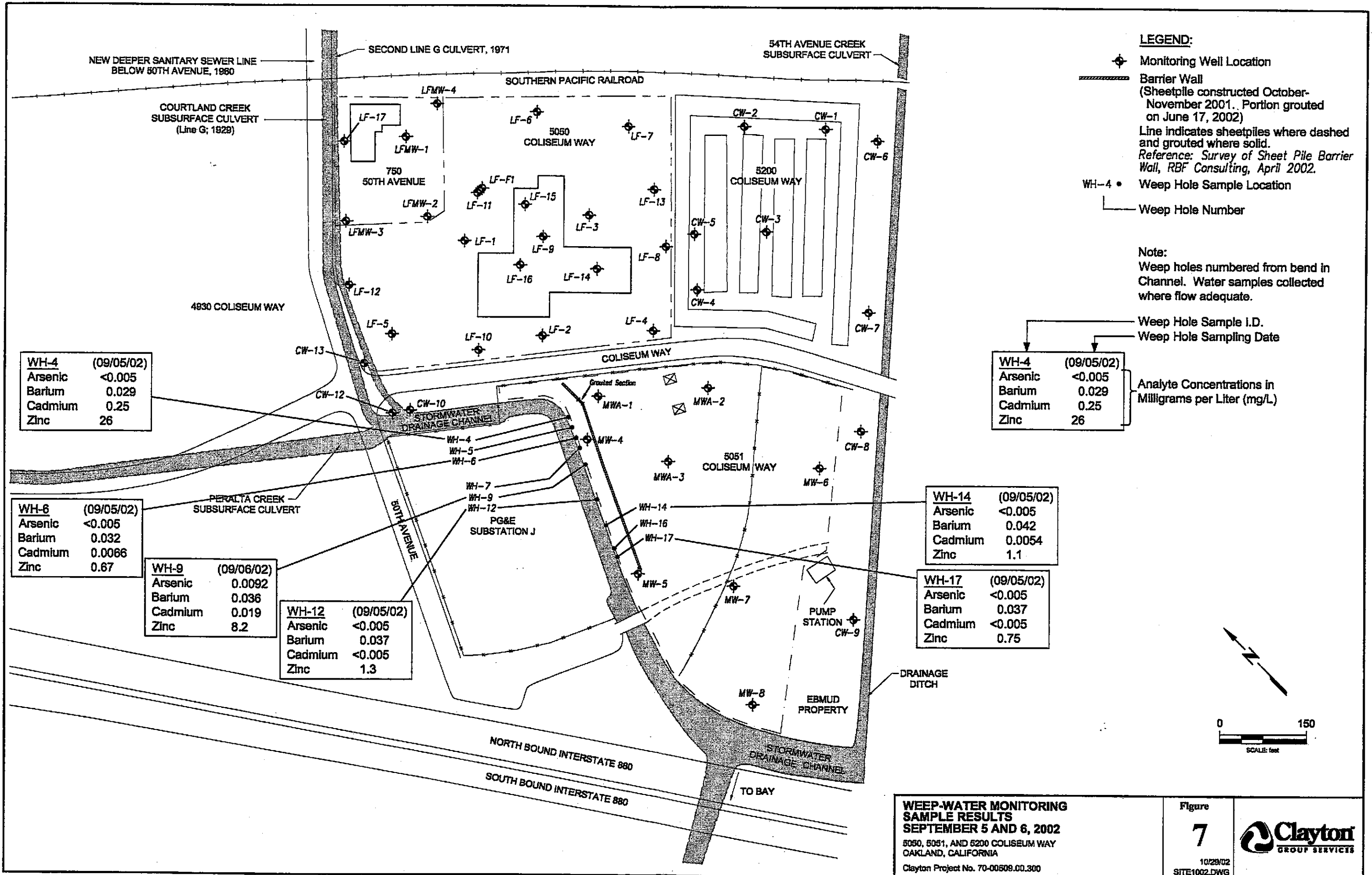




**CONCENTRATIONS OF CADMIUM IN GROUNDWATER**  
**AUGUST 21, 2002**  
 5050, 5051, AND 5200 COLISEUM WAY  
 OAKLAND, CALIFORNIA  
 Clayton Project No. 70-00809.00.300

Figure  
**5**  
 10/29/02  
 SITE1002.DWG





**LEGEND:**

- ⊕ Monitoring Well Location
- ▬ Barrier Wall (Sheetpile constructed October-November 2001. Portion grouted on June 17, 2002)
- Line indicates sheetpiles where dashed and grouted where solid. Reference: Survey of Sheet Pile Barrier Wall, RBF Consulting, April 2002.
- WH-4 • Weep Hole Sample Location
- └ Weep Hole Number

**Note:**  
Weep holes numbered from bend in Channel. Water samples collected where flow adequate.

Weep Hole Sample I.D.  
Weep Hole Sampling Date

Analyte Concentrations in Milligrams per Liter (mg/L)

WH-4	(09/05/02)
Arsenic	<0.005
Barium	0.029
Cadmium	0.25
Zinc	26

WH-4	(09/05/02)
Arsenic	<0.005
Barium	0.029
Cadmium	0.25
Zinc	26

WH-6	(09/05/02)
Arsenic	<0.005
Barium	0.032
Cadmium	0.0066
Zinc	0.67

WH-14	(09/05/02)
Arsenic	<0.005
Barium	0.042
Cadmium	0.0054
Zinc	1.1

WH-9	(09/06/02)
Arsenic	0.0092
Barium	0.036
Cadmium	0.019
Zinc	8.2

WH-12	(09/05/02)
Arsenic	<0.005
Barium	0.037
Cadmium	<0.005
Zinc	1.3

WH-17	(09/05/02)
Arsenic	<0.005
Barium	0.037
Cadmium	<0.005
Zinc	0.75



<b>WEEP-WATER MONITORING SAMPLE RESULTS</b> SEPTEMBER 5 AND 6, 2002 5050, 5051, AND 5200 COLISEUM WAY OAKLAND, CALIFORNIA Clayton Project No. 70-00509.00.300	Figure	
	7	
	10/29/02	
	SITE1002.DWG	