APPENDIX A

2006 GROUNDWATER PURGING AND SAMPLING LOGS AND EQUIPMENT CALIBRATION LOGS

SAMPLING AND ANALYSIS PLAN OF THE
WATER QUALITY SAMPLING AND ANALYSIS PLAN
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

I, Jordan Mandel, have received a copy of the current version of the sampling and analysis plan of the Water Quality Sampling and Analysis Plan for the project. I have reviewed the plan and understand the procedures outlines for collected field information, measurements, and water quality samples.

SIGNED: _____ DATE: 09/26/06

FIRM: URS CORPORATION

FORM SQ-A

SAMPLING AND ANALYSIS PLAN OF THE
WATER QUALITY SAMPLING AND ANALYSIS PLAN
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

I, Cynthia Shen, have received a copy of the current version of the sampling and analysis plan of the Water Quality Sampling and Analysis Plan for the project. I have reviewed the plan and understand the procedures outlines for collected field information, measurements, and water quality samples.

SIGNED: _____ DATE: 9/26/06

FIRM: URS CORPORATION

FORM SQ-A

DEVIATIONS FROM THE
SAMPLING AND ANALYSIS PLAN OF THE
WATER QUALITY SAMPLING AND ANALYSIS PLAN
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

I, Jordan Mandel, have completed the 2006 groundwater sampling event. The following significant deviations from the current version of the sampling and analysis plan of the Water Quality Sampling and Analysis Plan (WQSAP) were necessitated by the noted field conditions (e.g., equipment failure, wells that could not be sampled, etc.):

Deviation: Field Condition:

With the exceptions noted above, field measurements and samples were collected in general accordance with the procedures described in the sampling and analysis plan of the WQSAP.

SIGNED: _____ DATE: 09/28/06

FIRM: URS CORPORATION

FORM SQ-B

DEVIATIONS FROM THE
SAMPLING AND ANALYSIS PLAN OF THE
WATER QUALITY SAMPLING AND ANALYSIS PLAN
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

I, Cynthia Shen, have completed the 2006 groundwater sampling event. The following significant deviations from the current version of the sampling and analysis plan of the Water Quality Sampling and Analysis Plan (WQSAP) were necessitated by the noted field conditions (e.g., equipment failure, wells that could not be sampled, etc.):

Deviation:	Field Condition:
None	~~Sunny/clear~~

With the exceptions noted above, field measurements and samples were collected in general accordance with the procedures described in the sampling and analysis plan of the WQSAP.

SIGNED: _____ DATE: 9/27/2006

FIRM: URS CORPORATION

FORM SQ-B

URS

Groundwater Monitoring Program
Gauging Log & Development / Sampling Log

Well Number: Y-3	Date: 09/27/06	Project: Square D	Project No. 29864170.07550

Gauging Data from Top of Casing (Reference Point)

Depth to Water: 192.90	Total Well Depth: 239.6	Water Column Height (H):	Top of Casing Elevation: —

Gauging Time: 0746	Casing diameter (D)= 6 in.	1 casing volume= $(D^2)(H)(0.0408)$= — gal	3 casing volumes= — gal.

Groundwater Purge Data

Purge Method: Standard Purge (Low-Flow/Micro-Purge)	Purge Equipment: RF 28 216	Pump Id: Test America

Depth to Water	Time	Purge Rate (ml/min)	Hz	Vol. Removed	pH (Units)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	ORP (mV)	Remarks
192.90	~~1301~~	—	—	—	—	—	—	—	—	—	Set Pump / Calc Flow
193.34	1304	—	—	—	—	—	—	—	—	—	↓
193.68	1308	500	313	—	7.63	340	17.9	26.16	5.80	-7.7	clear colorless
193.71	1311	400	313	—	7.71	341	7.61	27.17	5.28	-3.9	
193.79	1314	400	313	—	7.74	341	6.21	27.60	5.20	-1.1	
193.81	1317	400	313	—	7.75	340	6.98	28.07	5.09	3.0	
193.81	1320	400	313	—	7.76	340	6.82	28.90	4.91	4.6	
193.82	1323	400	313	—	7.78	341	6.71	29.30	4.90	5.9	↓
193.82	1325	—	—	—	—	—	—	—	—	—	Collect Sample
193.81	1335	—	—	—	—	—	—	—	—	—	Finish Collecting Sample
											Gallons = ml's/3781
											Sample Rate: ~150 ml/min
											Total Casing Volumes Removed: —
											Total Gallons Removed: —

Sample ID.(time): 1-8 (1325) Dup ID.: NA ( ) Rinsate ID.: NA ( )

Analytical Methods: See COC Sampler: [illegible]

GROUNDWATER SAMPLING LOG
SQUARE D COMPANY
BEAUMONT, CALIFORNIA
JOB NO. 29864170.07550

WELL NUMBER: 1-8 (Y-3)
DATE SAMPLED: 09/27/06 **TIME:** 1325
COLLECTOR: JM
DEPTH TO WATER AT TIME OF SAMPLING: 193.81

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY	COLOR	OTHER
1323	29.30	7.78	341	6.71	colorless	

SAMPLE NO.	TIME	CHEMICAL ANALYSIS	METHOD	CONTAINER	QUANTITY	FILTERED (Y/N)	PRESERVATION
CALSCIENCE SAMPLES							
1-8	1325	METALS*	EPA 6020	Polyethylene	One 250 ml Bottle	Y	HNO_3 to pH<2, Cool to 4 °C
		HARDNESS	EPA 130.2	Polyethylene	One 250 ml Bottle	N	HNO_3 to pH<2, Cool to 4 °C
		TDS	EPA 160.1	Polyethylene	One 1 L Bottle	N	Cool to 4 °C
		SPECIFIC CONDUCTANCE	EPA 120.1	Polyethylene	One 500 mL Bottle	N	Cool to 4 °C
		SULFATE	EPA 300.0				
		~~ALKALINITY~~	~~SM 2320B~~				
		PHOSPHOROUS	EPA 365.3	~~Amber Glass~~ clear	One 500 mL Bottle	N	H_3SO_4 to pH<2, Cool to 4 °C
		HEX. CHROMIUM	EPA 218.6	Polyethylene	One 250 ml Bottle	Y	Cool to 4 °C

* Metals include calcium, magnesium, antimony, arsenic, barium, copper, lead, nickel, zinc, and mercury (EPA 7470A).

Checked pH of preserved bottles: pH ≤ 1.5

URS

Groundwater Monitoring Program
Gauging Log & Development / Sampling Log

Well Number: 4Y.7	Date: 09/27/06	Project: Square D	Project No. 29864170.07550

Gauging Data from Top of Casing (Reference Point)

Depth to Water: 209.41	Total Well Depth: 269.5	Water Column Height (H): –	Top of Casing Elevation: –

Gauging Time: 1623	Casing diameter (D)= 2 in.	1 casing volume= $(D^2)(H)(0.0408)$= – gal	3 casing volumes= gal.

Groundwater Purge Data

Purge Method: Standard Purge / Low-Flow/Micro-Purge	Purge Equipment: RF 2 D 25m .251	Pump Id: Test America

Depth to Water	Time	Purge Rate	Hz	Vol. Removed	pH (Units)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	ORP (mV)	Remarks
209.19	1455	–	–	–	–	–	–	–	–	–	Set Pump & Flow
210.55	1504	400	4	–	8.14	304	7.93	22.66	7.81	55	clear colorless
210.26	1505	300	3.28.9	–	7.88	299	3.18	23.73	6.12	31.2	
210.25	1508	300	3.28.9	–	7.93	302	3.24	24.98	5.99	22.2	
210.26	1511	300	3.28.9	–	7.94	302	3.65	25.76	5.77	18.6	
210.24	1514	300	3.28.9	–	7.95	303	3.72	25.93	5.45	15.3	
210.25	1516	–	–	–	–	–	–	–	–	–	Collect Sample
210.21	1522	–	–	–	–	–	–	–	–	–	Finish Collecting Sample
											Gallons = ml's/3781
											Sample Rate: 150 ml/min
											Total Casing Volumes Removed: –
											Total Gallons Removed: –

Sample ID.(time): 1-1 (1516) Dup ID.: NA ( ) Rinsate ID.: NA ( )

Analytical Methods: See COC Sampler: [signature]

GROUNDWATER SAMPLING LOG
SQUARE D COMPANY
BEAUMONT, CALIFORNIA
JOB NO. 29864170.07550

WELL NUMBER: Y-7 (1-1)
DATE SAMPLED: 09/27/06 TIME: 1516
COLLECTOR: JM
DEPTH TO WATER AT TIME OF SAMPLING: 210.24

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY	COLOR	OTHER
1514	25.93	7.95	303	3.72	colorless	—

SAMPLE NO.	TIME	CHEMICAL ANALYSIS	METHOD	CONTAINER	QUANTITY	FILTERED (Y/N)	PRESERVATION
CALSCIENCE SAMPLES							
1-1	1516	METALS*	EPA 6020	Polyethylene	One 250 ml Bottle	Y	HNO_3 to pH<2, Cool to 4 °C
		HARDNESS	EPA 130.2	Polyethylene	One 250 ml Bottle	N	HNO_3 to pH<2, Cool to 4 °C
		TDS	EPA 160.1	Polyethylene	One 1 L Bottle	N	Cool to 4 °C
		SPECIFIC CONDUCTANCE	EPA 120.1	Polyethylene	One 500 mL Bottle	N	Cool to 4 °C
		SULFATE	EPA 300.0				
		~~ALKALINITY~~	SM 2320B				
		PHOSPHOROUS	EPA 365.3	~~Amber Glass~~ clear	One 500 mL Bottle	N	H_3SO_4 to pH<2, Cool to 4 °C
		HEX. CHROMIUM	EPA 218.6	Polyethylene	One 250 ml Bottle	Y	Cool to 4 °C

* Metals include calcium, magnesium, antimony, arsenic, barium, copper, lead, nickel, zinc, and mercury (EPA 7470A).

Checked pH of preserved bottles
pH ≤ 1.5

URS

Groundwater Monitoring Program
Gauging Log & Development / Sampling Log

Well Number: SDB-1	Date: 09/28/06	Project: Square D	Project No. 29864170.07550

Gauging Data from Top of Casing (Reference Point)

Depth to Water: 207.87	Total Well Depth: 231.7	Water Column Height (H): —	Top of Casing Elevation: —

Gauging Time: 1413	Casing diameter (D)= 4 in.	1 casing volume= $(D^2)(H)(0.0408)$= — gal	3 casing volumes= — gal.

Groundwater Purge Data

Purge Method: Standard Purge / Low-Flow/Micro-Purge (circled) | Purge Equipment: RF2 @ 221 | Pump Id: Test America

Depth to Water	Time	Purge Rate	Hz	Vol. Removed	pH (Units)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	ORP (mV)	Remarks
207.64	1211	—	—	—	—	—	—	—	—	—	Set Pump @ Flow
209.08	1216	300	331.1	—	8.24	604	5.44	21.92	8.44	26.4	clear colorless
209.19	1219			—	8.07	604	3.38	22.39	7.52	15.1	
209.61	1222			—	7.98	606	2.42	24.39	7.01	12.7	
209.89	1228			—	7.93	608	1.98	25.98	6.57	14.9	
210.21 ~~210.17~~	~~1235~~ 1231			—	7.93	604	1.84	26.01	6.31	16.0	
210.27	1234			—	7.99	601	1.77	25.79	6.41	16.7	
210.39	1237			—	7.94	597	1.73	25.98	6.59	17.9	
210.40	1240	—	—	—	—	—	—	—	—	—	collect Sample
	1250	—	—	—	—	—	—	—	—	—	Finish Collecting Sample
											Gallons = ml's/3781
											Sample Rate: ~150 ml/min
											Total Casing Volumes Removed: —
											Total Gallons Removed: —

Sample ID.(time): 1-6 (1240) Dup ID.: NA ( ) Rinsate ID.: NA ( )

Analytical Methods: See COC Sampler: JM

GROUNDWATER SAMPLING LOG
SQUARE D COMPANY
BEAUMONT, CALIFORNIA
JOB NO. 29864170.07550

WELL NUMBER: 1-6 (SDB-1)
DATE SAMPLED: 09/28/06 TIME: 1240
COLLECTOR: SM
DEPTH TO WATER AT TIME OF SAMPLING: 210.40

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY	COLOR	OTHER
~~210~~ 1237	25.98	7.94	597	1.73	Clear	—

SAMPLE NO.	TIME	CHEMICAL ANALYSIS	METHOD	CONTAINER	QUANTITY	FILTERED (Y/N)	PRESERVATION
CALSCIENCE SAMPLES							
1-6	1240	METALS*	EPA 6020	Polyethylene	One 250 ml Bottle	Y	HNO_3 to pH<2, Cool to 4 °C
		HARDNESS	EPA 130.2	Polyethylene	One 250 ml Bottle	N	HNO_3 to pH<2, Cool to 4 °C
		TDS	EPA 160.1	Polyethylene	One 1 L Bottle	N	Cool to 4 °C
		SPECIFIC CONDUCTANCE	EPA 120.1	Polyethylene	One 500 mL Bottle	N	Cool to 4 °C
		SULFATE	EPA 300.0				
		~~ALKALINITY~~	~~SM 2320B~~				
		PHOSPHOROUS	EPA 365.3	~~Amber~~ Glass Clear	One 500 mL Bottle	N	H_3SO_4 to pH<2, Cool to 4 °C
		HEX. CHROMIUM	EPA 218.6	Polyethylene	One 250 ml Bottle	Y	Cool to 4 °C

* Metals include calcium, magnesium, antimony, arsenic, barium, copper, lead, nickel, zinc, and mercury (EPA 7470A).

Checked pH of preserved bottles pH ≤ 1.5

URS

Groundwater Monitoring Program
Gauging Log & Development / Sampling Log

Well Number: SPB-4	Date: 09/28/06	Project: SquareD	Project No. 24864170.07550

Gauging Data from Top of Casing (Reference Point)

Depth to Water: 214.76	Total Well Depth: 231.8	Water Column Height (H): —	Top of Casing Elevation: —

Gauging Time: 1346	Casing diameter (D)= 4 in.	1 casing volume= $(D^2)(H)(0.0408)$= — gal	3 casing volumes= — gal.

Groundwater Purge Data

Purge Method: Standard Purge (Low-Flow/Micro-Purge) Purge Equipment: RF2 CO 224 Pump Id: Test America

Depth to Water	Time	Purge Rate	Hz	Vol. Removed	pH (Units)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	ORP (mV)	Remarks
214.71	1054	-	-	-	-	-	-	-	-	-	Set Flow / Pump
215.47	1059	~~400~~ 350	333.4	-	8.02	416	0.62	22.42	7.07	62.6	Clear Colorless
215.57	1102	350	↓	-	7.98	414	0.61	23.74	7.25	55.8	↓
215.71	1105	350	↓	-	7.96	412	0.61	25.15	7.01	51.3	↓
215.72	1108	↓	↓	-	7.96	413	0.56	26.03	6.50	49.4	↓
215.72	1111	↓	↓	-	7.95	411	0.56	26.84	6.93	45.0	↓
215.72	1114	↓	↓	-	7.96	411	0.56	27.17	6.62	43.0	↓
215.72	1116	-	-	-	-	-	-	-	-	-	Collect Sample / Dup
	1130	-	-	-	-	-	-	-	-	-	Finish Collecting Sample/Dup
											Gallons = ml's/3781
											Sample Rate: ~150 mL/min
											Total Casing Volumes Removed: —
											Total Gallons Removed:

Sample ID.(time): 1-2 (1114) Dup ID.: 1-7 (1120) Rinsate ID.: NA ( )

Analytical Methods: See COC Sampler: [signature]

GROUNDWATER SAMPLING LOG
SQUARE D COMPANY
BEAUMONT, CALIFORNIA
JOB NO. 29864170.07550

WELL NUMBER: 1-2 (SDB-4)
DATE SAMPLED: 04/28/06 TIME: 1116
COLLECTOR: JM
DEPTH TO WATER AT TIME OF SAMPLING: 215.72

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY	COLOR	OTHER
1114	27.17	7.96	411	0.56	clear	—

SAMPLE NO.	TIME	CHEMICAL ANALYSIS	METHOD	CONTAINER	QUANTITY	FILTERED (Y/N)	PRESERVATION
CALSCIENCE SAMPLES							
1-2	1116	METALS*	EPA 6020	Polyethylene	One 250 ml Bottle	Y	HNO_3 to pH<2, Cool to 4 °C
		HARDNESS	EPA 130.2	Polyethylene	One 250 ml Bottle	N	HNO_3 to pH<2, Cool to 4 °C
		TDS	EPA 160.1	Polyethylene	One 1 L Bottle	N	Cool to 4 °C
		SPECIFIC CONDUCTANCE	EPA 120.1	Polyethylene	One 500 mL Bottle	N	Cool to 4 °C
		SULFATE	EPA 300.0				
		~~ALKALINITY~~	SM 2320B				
		PHOSPHOROUS	EPA 365.3	~~Amber~~ Glass Clear	One 500 mL Bottle	N	H_3SO_4 to pH<2, Cool to 4 °C
		HEX. CHROMIUM	EPA 218.6	Polyethylene	One 250 ml Bottle	Y	Cool to 4 °C

* Metals include calcium, magnesium, antimony, arsenic, barium, copper, lead, nickel, zinc, and mercury (EPA 7470A).

check pH of preserved sample bottles: pH ≤ 1.5

GROUNDWATER SAMPLING LOG
SQUARE D COMPANY
BEAUMONT, CALIFORNIA
JOB NO. 29864170.07550

WELL NUMBER: 1-7 (SDB-4 Dup)
DATE SAMPLED: 9/28/06 TIME: 1126
COLLECTOR: SM
DEPTH TO WATER AT TIME OF SAMPLING: 215.72

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY	COLOR	OTHER
~~1114~~ 1114	27.17	7.96	411	0.56	clear	—

SAMPLE NO.	TIME	CHEMICAL ANALYSIS	METHOD	CONTAINER	QUANTITY	FILTERED (Y/N)	PRESERVATION
CALSCIENCE SAMPLES							
1-7	1126	METALS*	EPA 6020	Polyethylene	One 250 ml Bottle	Y	HNO_3 to pH<2, Cool to 4 °C
		HARDNESS	EPA 130.2	Polyethylene	One 250 ml Bottle	N	HNO_3 to pH<2, Cool to 4 °C
		TDS	EPA 160.1	Polyethylene	One 1 L Bottle	N	Cool to 4 °C
		SPECIFIC CONDUCTANCE	EPA 120.1	Polyethylene	One 500 mL Bottle	N	Cool to 4 °C
		SULFATE	EPA 300.0				
		ALKALINITY	SM 2320B				
		PHOSPHOROUS	EPA 365.3	~~Amber~~ Glass Clear	One 500 mL Bottle	N	H_3SO_4 to pH<2, Cool to 4 °C
		HEX. CHROMIUM	EPA 218.6	Polyethylene	One 250 ml Bottle	Y	Cool to 4 °C

* Metals include calcium, magnesium, antimony, arsenic, barium, copper, lead, nickel, zinc, and mercury (EPA 7470A).

Checked pH of preserved bottles: pH ≤ 1.5

URS

Groundwater Monitoring Program
Gauging Log & Development / Sampling Log

Well Number: SDB-5	Date: 09/28/06	Project: Square D	Project No. 29864170.07550

Gauging Data from Top of Casing (Reference Point)

Depth to Water: ~~1246~~ 21359	Total Well Depth: 231.1	Water Column Height (H): –	Top of Casing Elevation: –
Gauging Time: 1240	Casing diameter (D)= 4 in.	1 casing volume= $(D^2)(H)(0.0408)$= – gal	3 casing volumes= – gal.

Groundwater Purge Data

Purge Method: Standard Purge / Low-Flow/Micro-Purge (circled) | Purge Equipment: RF2 @ ~223 | Pump Id: Test America

Depth to Water	Time	Purge Rate	Hz	Vol. Removed	pH (Units)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	ORP (mV)	Remarks
213.62	0934	–	–	–	–	–	–	–	–	–	Set Pump & Flow
213.75	0940	350	33.8	–	7.96	356	6.80	21.55	8.08	55.8	clear colorless
213.78	0943			–	7.92	355	5.15	22.66	7.73	47.6	
213.76	0946			–	7.89	358	6.10	25.46	6.73	46.2	
213.77	0949			–	7.89	363	4.87	26.09	6.78	46.9	
213.80	0952			–	7.88	365	4.80	26.44	6.51	48.1	
213.80	0955			–	7.88	366	4.63	26.87	6.62	50.5	
213.81	0957	–	–	–	–	–	–	–	–	–	Collect Sample
	1006	–	–	–	–	–	–	–	–	–	finish Collecting Sample
											Gallons = ml's/3781
											Sample Rate: ~150 ml/min
											Total Casing Volumes Removed: –
											Total Gallons Removed: –

Sample ID.(time): 1-3 (0957) Dup ID.: NA ( ) Rinsate ID.: NA ( )

Analytical Methods: See COC Sampler: [signature]

GROUNDWATER SAMPLING LOG
SQUARE D COMPANY
BEAUMONT, CALIFORNIA
JOB NO. 29864170.07550

WELL NUMBER: 1-3 (SDB-5)
DATE SAMPLED: 09/28/06 TIME: 0957
COLLECTOR: SM
DEPTH TO WATER AT TIME OF SAMPLING: 213.80

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY	COLOR	OTHER
0955	26.87	7.88	366	4.63	Clear	—

SAMPLE NO.	TIME	CHEMICAL ANALYSIS	METHOD	CONTAINER	QUANTITY	FILTERED (Y/N)	PRESERVATION
CALSCIENCE SAMPLES							
1-3	0957	METALS*	EPA 6020	Polyethylene	One 250 ml Bottle	Y	HNO_3 to pH<2, Cool to 4 °C
		HARDNESS	EPA 130.2	Polyethylene	One 250 ml Bottle	N	HNO_3 to pH<2, Cool to 4 °C
		TDS	EPA 160.1	Polyethylene	One 1 L Bottle	N	Cool to 4 °C
		SPECIFIC CONDUCTANCE	EPA 120.1	Polyethylene	One 500 mL Bottle	N	Cool to 4 °C
		SULFATE	EPA 300.0				
		~~ALKALINITY~~	~~SM 2320B~~				
		PHOSPHOROUS	EPA 365.3	~~Amber~~ Glass Clear	One 500 mL Bottle	N	H_3SO_4 to pH<2, Cool to 4 °C
		HEX. CHROMIUM	EPA 218.6	Polyethylene	One 250 ml Bottle	Y	Cool to 4 °C

* Metals include calcium, magnesium, antimony, arsenic, barium, copper, lead, nickel, zinc, and mercury (EPA 7470A).

Checked pH of preserved bottles: pH ≤ 1.5

URS

Groundwater Monitoring Program
Gauging Log & Development / Sampling Log

Well Number: SDB 6B	Date: 09/28/06	Project: Square D	Project No. 29864170.07550

Gauging Data from Top of Casing (Reference Point)

Depth to Water: 219.97	Total Well Depth: 230.8	Water Column Height (H): —	Top of Casing Elevation: —

Gauging Time: 1152	Casing diameter (D)= 4 in.	1 casing volume= $(D^2)(H)(0.0408)$= — gal	3 casing volumes= — gal.

Groundwater Purge Data

Purge Method: Standard Purge Low-Flow/Micro-Purge (circled) | Purge Equipment: RF2D 226 | Pump Id: Test America

Depth to Water	Time	Purge Rate	Hz	Vol. Removed	pH (Units)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp. (°C)	DO (mg/L)	ORP (mV)	Remarks
220.00	0755	-	-	-	-	-	-	-	-	-	Set flow & Pump
220.61	0818	300	331.1	—	6.82	474	3.09	23.31	5.87	118.4	clear colorless
220.83	0821	300	331.1	—	6.97	476	2.70	24.42	5.93	110.7	↓
220.98	0824	300	331.1	—	7.13	479	2.09	25.92	5.83	95.2	↓
221.09	827	300	331.1	—	7.18	481	1.83	26.87	5.85	89.6	↓
221.16	830	300	331.1	—	7.20	480	1.30	27.24	5.68	87.9	↓
221.21	833	300	331.1	—	7.21	479	1.24	27.51	5.51	86.1	↓
221.21	0835	—	-	-	—	-	-	-	-	-	Collect Sample
—	0843	-	—	—	—	—	—	—	—	—	Finish Collecting Sample
											Gallons = ml's/3781
											Sample Rate: ~150
											Total Casing Volumes Removed: —
											Total Gallons Removed: —

Sample ID.(time): 1-5 (835) Dup ID.: NA ( ) Rinsate ID.: NA ( )

Analytical Methods: See COC Sampler: [signature]

GROUNDWATER SAMPLING LOG
SQUARE D COMPANY
BEAUMONT, CALIFORNIA
JOB NO. 29864170.07550

WELL NUMBER: 1-5 (SDB-6B)
DATE SAMPLED: 04/28/06 **TIME:** ~~08~~ JM 0835
COLLECTOR: JM
DEPTH TO WATER AT TIME OF SAMPLING: 221.21

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY	COLOR	OTHER
0833	27.51	7.21	479	1.24	clear	—

SAMPLE NO.	TIME	CHEMICAL ANALYSIS	METHOD	CONTAINER	QUANTITY	FILTERED (Y/N)	PRESERVATION
CALSCIENCE SAMPLES							
1-5	0835	METALS*	EPA 6020	Polyethylene	One 250 ml Bottle	Y	HNO_3 to pH<2, Cool to 4 °C
		HARDNESS	EPA 130.2	Polyethylene	One 250 ml Bottle	N	HNO_3 to pH<2, Cool to 4 °C
		TDS	EPA 160.1	Polyethylene	One 1 L Bottle	N	Cool to 4 °C
		SPECIFIC CONDUCTANCE	EPA 120.1	Polyethylene	One 500 mL Bottle	N	Cool to 4 °C
		SULFATE	EPA 300.0				
		~~ALKALINITY~~	~~SM 2320B~~				
		PHOSPHOROUS	EPA 365.3	~~Amber~~ Glass Clear	One 500 mL Bottle	N	H_3SO_4 to pH<2, Cool to 4 °C
		HEX. CHROMIUM	EPA 218.6	Polyethylene	One 250 ml Bottle	Y	Cool to 4 °C

* Metals include calcium, magnesium, antimony, arsenic, barium, copper, lead, nickel, zinc, and mercury (EPA 7470A).

Checked pH of preserved bottles pH ≤ 1.5

GROUNDWATER SAMPLING LOG
SQUARE D COMPANY
BEAUMONT, CALIFORNIA
JOB NO. 29864170.07550

WELL NUMBER: 1-4 (EB)
DATE SAMPLED: 09/27/06 TIME: 1028
COLLECTOR: JM
DEPTH TO WATER AT TIME OF SAMPLING: NA

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY	COLOR	OTHER
NA						

SAMPLE NO.	TIME	CHEMICAL ANALYSIS	METHOD	CONTAINER	QUANTITY	FILTERED (Y/N)	PRESERVATION
CALSCIENCE SAMPLES							
1-4	1028	METALS*	EPA 6020	Polyethylene	One 250 ml Bottle	Y	HNO_3 to pH<2, Cool to 4 °C
		HARDNESS	EPA 130.2	Polyethylene	One 250 ml Bottle	N	HNO_3 to pH<2, Cool to 4 °C
		TDS	EPA 160.1	Polyethylene	One 1 L Bottle	N	Cool to 4 °C
		SPECIFIC CONDUCTANCE	EPA 120.1	Polyethylene	One 500 mL Bottle	N	Cool to 4 °C
		SULFATE	EPA 300.0				
		ALKALINITY	SM 2320B				
		PHOSPHOROUS	EPA 365.3	~~Amber~~ Glass clear	One 500 mL Bottle	N	H_3SO_4 to pH<2, Cool to 4 °C
		HEX. CHROMIUM	EPA 218.6	Polyethylene	One 250 ml Bottle	Y	Cool to 4 °C

* Metals include calcium, magnesium, antimony, arsenic, barium, copper, lead, nickel, zinc, and mercury (EPA 7470A).

Checked pH of preserved bottles: pH ≤ 1.5

9/27/06

12/27/06

Y.S.

Project No.: 29864170.07550
Project Name: Square D

EQUIPMENT CALIBRATION LOG

TYPE OF EQUIPMENT: YSI -556 pH / Temp / Cond / ORP / DO / La Motte 2020
MANUFACTURER: YSI / LaMotte
MODEL: 556 / 2020 SERIAL #: 02E01901
MAINTENANCE PROCEDURES:

DATE USED	BY	TIME	CALIBRATION STANDARD(S)	CALIBRATION NOTES	MAINTENANCE PERFORMED, WORKING CONDITION, ETC:
09/27/00	SM	0942	pH 7.00	pH 7.00	
		0946	pH 10.00	pH 10.00	
		0949	pH 4.00	pH 4.01	
		0952	con 12.88 mS/cm	1290 uS/cm	
		0955	231.00 (ORP)	231.00 (ORP)	
		1002	Turb 1.0, 10.0 ~~Turb 10.00~~	~~10.01~~ 1.0, 10.01, 0.0	
		1530	pH 7.00	pH 6.98	
		1533	pH 10.00	pH 10.00	
		1538	pH 4.00	pH 4.00	
		1540	cond. 1288 uS/cm	cond 1288	
		1543	231.00 ORP	231.00 ORP	
		1547	Turb 1.0, 10.00, 0.0	1.0, 10.03, 0.0	
09/28/00		0715	pH 7.00	pH 7.00	
		0718	pH 10.00	pH 10.00	
		0720	pH 4.00	pH 4.00	
		0723	cond 1288 uS/cm	cond 1289 uS/cm	

Project No.: 29864.70
Project Name: ~~Square D~~

EQUIPMENT CALIBRATION LOG

TYPE OF EQUIPMENT: YSI 556 pH/Temp/Cond/ORP/DO / LaMotte 2020
MANUFACTURER: YSI/LaMotte
MODEL: 556 / 2020 SERIAL #: 02E01901
MAINTENANCE PROCEDURES:

DATE USED	BY	TIME	CALIBRATION STANDARD(S)	CALIBRATION NOTES	MAINTENANCE PERFORMED, WORKING CONDITION, ETC:
09/28/06	JM	0725	ORP 231.00	231.00	
	JM	0728	Turb 1.0, 10.00, 0	1.0, 10.01, 0.0	
		1245	pH 7.00	pH 7.01	
		1248	pH 10.00	pH 10.00	
		1250	pH 4.00	pH 4.00	
		nsr ~~1253~~	1288 us/cm	1288 us/cm	
		1256	231.00 ORP	231.00	
		1259	Turb. 1.0, 10.00, 0.0	1.0, 10.00, 0.0	
				JRM	
			09/28/06		

APPENDIX B

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

November 09, 2006

The original report has been revised/corrected.

Laurie Fernandez
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Subject: **Calscience Work Order No.: 06-09-1483**
Client Reference: Square D-Beaumont, CA / 29864170.07550

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/27/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/27/06
2020 East 1st Street, Suite 400		Work Order No:	06-09-1483
Santa Ana, CA 92705-4032		Preparation:	EPA 3020A Total
		Method:	EPA 6020

Project: Square D-Beaumont, CA / 29864170.07550

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
1-8	**06-09-1483-1**	**09/27/06**	**Aqueous**	**09/28/06**	**09/28/06**	**060928L03**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.00356	0.00100	1		mg/L

1-4	**06-09-1483-2**	**09/27/06**	**Aqueous**	**09/28/06**	**09/28/06**	**060928L03**

Parameter	Result	RL	DF	Qual	Units
Chromium	ND	0.00100	1		mg/L

Method Blank	**096-06-003-1,126**	**N/A**	**Aqueous**	**09/28/06**	**09/28/06**	**060928L03**

Parameter	Result	RL	DF	Qual	Units
Chromium	ND	0.00100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 09/27/06
Work Order No: 06-09-1483

Project: Square D-Beaumont, CA / 29864170.07550

Client Sample Number	Lab Sample Number	Date Collected	Matrix
1-8	**06-09-1483-1**	**09/27/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Specific Conductance	320	1.0	1		umhos/cm	N/A	09/27/06	EPA 120.1
Hardness, Total	100	2	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	198	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	3.1	0.2	1		ug/L	N/A	09/27/06	EPA 218.6
Sulfate	3.5	1.0	1		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

1-4	**06-09-1483-2**	**09/27/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Specific Conductance	3.9	1.0	1		umhos/cm	N/A	09/27/06	EPA 120.1
Hardness, Total	ND	2.0	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	3.0	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	ND	0.20	1		ug/L	N/A	09/27/06	EPA 218.6
Sulfate	1.7	1.0	1		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

Method Blank		**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	ND	2.0	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	ND	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	ND	0.20	1		ug/L	N/A	09/27/06	EPA 218.6
Sulfate	ND	1.0	1		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received:	09/27/06
Work Order No:	06-09-1483
Preparation:	EPA 3005A Filt.
Method:	EPA 200.8

Project Square D-Beaumont, CA / 29864170.07550

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-09-1427-5	**Aqueous**	**ICP/MS A**	**09/28/06**	**09/28/06**	**060928S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium	104	108	80-120	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1483

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Phosphorus, Total	EPA 365.3	06-09-1573-5	09/29/06	N/A	107	107	70-130	0	0-25	
Sulfate	EPA 300.0	06-09-1498-2	09/28/06	N/A	104	104	49-133	0	0-3	
Chromium, Hexavalent	EPA 218.6	06-09-1498-2	09/27/06	N/A	101	101	85-121	0	0-4	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1483

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Hardness, Total	EPA 130.2	1-8	09/28/06	100	100	2	0-25	
Specific Conductance	EPA 120.1	06-09-1470-1	09/27/06	4900	4900	0	0-25	
Solids, Total Dissolved	EPA 160.1	06-09-1472-1	10/02/06	1070	1090	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received:	N/A
Work Order No:	06-09-1483
Preparation:	EPA 3020A Total
Method:	EPA 6020

Project: Square D-Beaumont, CA / 29864170.07550

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-06-003-1,126	**Aqueous**	**ICP/MS A**	**09/28/06**	**09/28/06**	**060928L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium	109	113	80-120	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1483

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Sulfate	EPA 300.0	099-05-118-3,593	N/A	09/28/06	107	104	89-107	2	0-13	
Chromium, Hexavalent	EPA 218.6	099-05-124-531	N/A	09/27/06	100	100	95-107	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1483

Project: Square D-Beaumont, CA / 29864170.07550

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Phosphorus, Total	EPA 365.3	099-05-098-1,775	09/29/06	N/A	0.40	0.41	102	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-09-1483

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

1483

Date: 09/27/06

Page 1 of 1

☐ Data Requested in GISKey Format

Lab Name: Calscience
Client Name/Project Name/Location: Square D - Beaumont, CA
URS Project Manager: Laurie Fernandez
Sampler Name and Signature: Jordan Mandel
URS Project/PO Number: 29864170.07550
Geo Tracker Information: NA
EDF Reporting: Y N
Global ID: NA
COELT Log Number: NA

Requested Analyses: Cr (Total) 218.6 (Cr6+), Cr6+ Hex Chrom, Hardness 130.2, TDS - 160.1, Sp Conductance 120.1, Sulfate 300.0, Phosphorus 365.3, HOLD

Special Instructions: * 24hr hold time for Cr6+

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Cr (Total)	Cr6+ Hex Chrom	Hardness	TDS	Sp Conductance	Sulfate	Phosphorus	HOLD	Special Instructions
1	1-8	09/27/06	1325	Y HNO3 N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	X	X	X	X	X	X	X		
2	1-4	09/27/06	1028	Y HNO3 N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	X	X	X	X	X	X	X		
3				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA										
4				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA										
5				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA										
6				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA										
7				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA										
8				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA										
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA										
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA										

09/27/06

Relinquished By:	Date:	Received By:	Date/Time:
	09/27/06	CEL	9/27/06 1435
	9/27/06		9/27/06 1630

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: X 5 Day: ____
48 Hour: ____ Standard: X

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 09 - 1483

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: URS **DATE:** 9/27/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ✓ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ____ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.

3.8 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: [illegible]

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): ✓

Initial: [illegible]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: [illegible]

COMMENTS:

From: Jordan_Mandel@URSCorp.com
To: Jason Torres;
CC:
Subject: Square D revised report
Date: Thursday, November 09, 2006 1:10:03 PM
Attachments:

Jason,
Could you please revise the sample IDs from I to 1 for the square D groundwater samples. Example 1-2 instead of I-2.
Thanks,
Jordan

This e-mail and any attachments are confidential. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

November 09, 2006

The original report has been revised/corrected.

Laurie Fernandez
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Subject: **Calscience Work Order No.: 06-09-1522**
Client Reference: Square D-Beaumont, CA / 29864170.07550

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/28/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/28/06
2020 East 1st Street, Suite 400		Work Order No:	06-09-1522
Santa Ana, CA 92705-4032		Preparation:	EPA 3020A Total
		Method:	EPA 6020

Project: Square D-Beaumont, CA / 29864170.07550

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
1-1	**06-09-1522-1**	**09/27/06**	**Aqueous**	**09/28/06**	**09/28/06**	**060928L03**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.00828	0.00100	1		mg/L

Method Blank	**096-06-003-1,126**	**N/A**	**Aqueous**	**09/28/06**	**09/28/06**	**060928L03**

Parameter	Result	RL	DF	Qual	Units
Chromium	ND	0.00100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 09/28/06
Work Order No: 06-09-1522

Project: Square D-Beaumont, CA / 29864170.07550

Client Sample Number	Lab Sample Number	Date Collected	Matrix
1-1	**06-09-1522-1**	**09/27/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Specific Conductance	290	1.0	1		umhos/cm	N/A	09/28/06	EPA 120.1
Hardness, Total	110	2	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	194	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	5.5	0.2	1		ug/L	N/A	09/28/06	EPA 218.6
Sulfate	5.9	1.0	1		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	3.5	0.5	5		mg/L	N/A	09/29/06	EPA 365.3

Method Blank	**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	ND	2.0	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	ND	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	ND	0.20	1		ug/L	N/A	09/28/06	EPA 218.6
Sulfate	ND	1.0	1		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 09/28/06
Work Order No: 06-09-1522
Preparation: EPA 3005A Filt.
Method: EPA 200.8

Project Square D-Beaumont, CA / 29864170.07550

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-09-1427-5	**Aqueous**	**ICP/MS A**	**09/28/06**	**09/28/06**	**060928S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium	104	108	80-120	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1522

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Phosphorus, Total	EPA 365.3	06-09-1573-5	09/29/06	N/A	107	107	70-130	0	0-25	
Sulfate	EPA 300.0	06-09-1498-2	09/28/06	N/A	104	104	49-133	0	0-3	
Chromium, Hexavalent	EPA 218.6	1-1	09/28/06	N/A	102	101	85-121	0	0-4	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1522

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Hardness, Total	EPA 130.2	06-09-1483-1	09/28/06	100	100	2	0-25	
Specific Conductance	EPA 120.1	1-1	09/28/06	290	290	0	0-25	
Solids, Total Dissolved	EPA 160.1	06-09-1472-1	10/02/06	1070	1090	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received:	N/A
Work Order No:	06-09-1522
Preparation:	EPA 3020A Total
Method:	EPA 6020

Project: Square D-Beaumont, CA / 29864170.07550

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-06-003-1,126	**Aqueous**	**ICP/MS A**	**09/28/06**	**09/28/06**	**060928L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium	109	113	80-120	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1522

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Sulfate	EPA 300.0	099-05-118-3,593	N/A	09/28/06	107	104	89-107	2	0-13	
Chromium, Hexavalent	EPA 218.6	099-05-124-533	N/A	09/28/06	103	101	95-107	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1522

Project: Square D-Beaumont, CA / 29864170.07550

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Phosphorus, Total	EPA 365.3	099-05-098-1,775	09/29/06	N/A	0.40	0.41	102	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-09-1522

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

1522

Date: 09/27/06

Page 1 of 1

☐ Data Requested in GISKey Format

Lab Name: Calscience
URS Project/PO Number: 29864170.07550
Client Name/Project Name/Location: Square D Beaumont, Ca
Geo Tracker Information: NA
URS Project Manager: Laurie Fernandez
EDF Reporting: Y N Global ID: NA
Sampler Name and Signature: Jordan Mandel
COELT Log Number: NA

Requested Analyses: Cr (6020), Hexchrome 218.6 (7196), Hardness 130.2, TDS 160.1, Sp. Conductance 120.1, Sulfate 300.0, Phosphorus 365.3

Special Instructions: * Note 24 hr TAT

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Cr (6020)	Hexchrome	Hardness	TDS	Sp. Conductance	Sulfate	Phosphorus							HOLD	Special Instructions
1	1-1	09/27/06	1516	Y HNO3 N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	X	X	X	X	X	X	X								
2				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA																
3				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA																
4				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA																
5				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA																
6				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA																
7				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA																
8				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	6														
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA																
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA																

09/27/06

Relinquished By:	Date:	Received By:	Date/Time:
	09/27/06	CCL	9/28/06 0835
	09/28/06		9/28/06 0900

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: X 5 Day: ____
48 Hour: ____ Standard: X

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 0 9 - 1 5 2 2

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: WRS **DATE:** 9/28/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.5 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: NR

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: NR

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: NR

COMMENTS:

From: Jordan_Mandel@URSCorp.com
To: Jason Torres;
CC:
Subject: Square D revised report
Date: Thursday, November 09, 2006 1:10:03 PM
Attachments:

Jason,
Could you please revise the sample IDs from I to 1 for the square D groundwater samples. Example 1-2 instead of I-2.
Thanks,
Jordan

This e-mail and any attachments are confidential. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

November 09, 2006

The original report has been revised/corrected.

Laurie Fernandez
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Subject: **Calscience Work Order No.: 06-09-1573**
Client Reference: Square D-Beaumont, CA / 29864170.07550

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/28/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/28/06
2020 East 1st Street, Suite 400		Work Order No:	06-09-1573
Santa Ana, CA 92705-4032		Preparation:	EPA 3020A Total
		Method:	EPA 6020

Project: Square D-Beaumont, CA / 29864170.07550

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
1-5	**06-09-1573-1**	**09/28/06**	**Aqueous**	**10/02/06**	**10/02/06**	**061002L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.0122	0.0010	1		mg/L

1-3	**06-09-1573-2**	**09/28/06**	**Aqueous**	**10/02/06**	**10/02/06**	**061002L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.0228	0.0010	1		mg/L

1-2	**06-09-1573-3**	**09/28/06**	**Aqueous**	**10/02/06**	**10/02/06**	**061002L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.0129	0.0010	1		mg/L

1-7	**06-09-1573-4**	**09/28/06**	**Aqueous**	**10/02/06**	**10/02/06**	**061002L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.0124	0.0010	1		mg/L

1-6	**06-09-1573-5**	**09/28/06**	**Aqueous**	**10/02/06**	**10/02/06**	**061002L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	0.0228	0.0010	1		mg/L

Method Blank	**096-06-003-1,127**	**N/A**	**Aqueous**	**10/02/06**	**10/02/06**	**061002L02**

Parameter	Result	RL	DF	Qual	Units
Chromium	ND	0.00100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 09/28/06
Work Order No: 06-09-1573

Project: Square D-Beaumont, CA / 29864170.07550

Client Sample Number	Lab Sample Number	Date Collected	Matrix
1-5	**06-09-1573-1**	**09/28/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Specific Conductance	450	1.0	1		umhos/cm	N/A	09/28/06	EPA 120.1
Hardness, Total	150	2	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	298	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	5.6	0.2	1		ug/L	N/A	09/28/06	EPA 218.6
Sulfate	41	5	5		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

1-3	**06-09-1573-2**	**09/28/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Specific Conductance	330	1.0	1		umhos/cm	N/A	09/28/06	EPA 120.1
Hardness, Total	130	2	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	242	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	6.9	0.2	1		ug/L	N/A	09/28/06	EPA 218.6
Sulfate	39	5	5		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

1-2	**06-09-1573-3**	**09/28/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Specific Conductance	390	1.0	1		umhos/cm	N/A	09/28/06	EPA 120.1
Hardness, Total	130	2	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	280	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	9.4	0.2	1		ug/L	N/A	09/28/06	EPA 218.6
Sulfate	74	10	10		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 09/28/06
Work Order No: 06-09-1573

Project: Square D-Beaumont, CA / 29864170.07550

Client Sample Number	Lab Sample Number	Date Collected	Matrix
1-7	**06-09-1573-4**	**09/28/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Specific Conductance	390	1.0	1		umhos/cm	N/A	09/28/06	EPA 120.1
Hardness, Total	130	2	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	272	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	9.4	0.2	1		ug/L	N/A	09/28/06	EPA 218.6
Sulfate	75	10	10		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

1-6	**06-09-1573-5**	**09/28/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Specific Conductance	540	1.0	1		umhos/cm	N/A	09/28/06	EPA 120.1
Hardness, Total	200	2	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	386	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	13	0.20	1		ug/L	N/A	09/28/06	EPA 218.6
Sulfate	160	50	50		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

Method Blank	**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	ND	2.0	1		mg/L	N/A	09/28/06	EPA 130.2
Solids, Total Dissolved	ND	1.0	1		mg/L	N/A	10/02/06	EPA 160.1
Chromium, Hexavalent	ND	0.20	1		ug/L	N/A	09/28/06	EPA 218.6
Sulfate	ND	1.0	1		mg/L	N/A	09/28/06	EPA 300.0
Phosphorus, Total	ND	0.10	1		mg/L	N/A	09/29/06	EPA 365.3

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received:	09/28/06
Work Order No:	06-09-1573
Preparation:	EPA 3005A Filt.
Method:	EPA 200.8

Project Square D-Beaumont, CA / 29864170.07550

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-09-1614-1	**Aqueous**	**ICP/MS A**	**10/02/06**	**10/02/06**	**061002S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium	111	112	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1573

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Phosphorus, Total	EPA 365.3	1-6	09/29/06	N/A	107	107	70-130	0	0-25	
Sulfate	EPA 300.0	06-09-1533-2	09/28/06	N/A	98	95	49-133	2	0-3	
Chromium, Hexavalent	EPA 218.6	06-09-1522-1	09/28/06	N/A	102	101	85-121	0	0-4	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1573

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Hardness, Total	EPA 130.2	06-09-1483-1	09/28/06	100	100	2	0-25	
Specific Conductance	EPA 120.1	06-09-1522-1	09/28/06	290	290	0	0-25	
Solids, Total Dissolved	EPA 160.1	06-09-1472-1	10/02/06	1070	1090	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received:	N/A
Work Order No:	06-09-1573
Preparation:	EPA 3020A Total
Method:	EPA 6020

Project: Square D-Beaumont, CA / 29864170.07550

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-06-003-1,127	**Aqueous**	**ICP/MS A**	**10/02/06**	**10/02/06**	**061002L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium	109	112	80-120	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1573

Project: Square D-Beaumont, CA / 29864170.07550

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Sulfate	EPA 300.0	099-05-118-3,596	N/A	09/28/06	98	96	89-107	2	0-13	
Chromium, Hexavalent	EPA 218.6	099-05-124-533	N/A	09/28/06	103	101	95-107	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 06-09-1573

Project: Square D-Beaumont, CA / 29864170.07550

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Phosphorus, Total	EPA 365.3	099-05-098-1,775	09/29/06	N/A	0.40	0.41	102	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-09-1573

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

(1573)

Date: 09 28 06

Page 1 of 1

☐ Data Requested in GISKey Format

Lab Name: Calscience
URS Project/PO Number: 29864170.07550
Client Name/Project Name/Location: Square D - Beaumont/a
GeoTracker Information: NA
URS Project Manager: Laurie Fernandez
EDF Reporting: Y N Global ID: NA
Sampler Name and Signature: Jordan Mandel
COELT Log Number: NA

Requested Analyses: Cr (6020) (218.6 Cr6+); Hex Chrome; TDS-160.1; Sp Conductance (120.1); Sulfate 300.0; Phosphorus (365.3); HOLD

Special Instructions: * Note 2 hr hold time

	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	Cr (6020)	Hex Chrome	TDS-160.1	Sp Conductance	Sulfate 300.0	Phosphorus	HOLD	Special Instructions
1	1-5	09/28/06	0835	Y N HNO3	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	X	X	X	X	X	X		
2	1-3	09/28/06	0957	Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	X	X	X	X	X	X		
3	1-2	09/28/06	1116	Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	X	X	X	X	X	X		
4	1-7	09/28/06	1126	Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	X	X	X	X	X	X		
5	1-6	09/28/06	1240	Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	6	X	X	X	X	X	X		
6				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA									
7				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA									
8				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA									
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA									
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA									

Relinquished by:	Date:	Received By:	Date/Time:
	09/28/06	Alex Mayuy	9/28/06 17:40
Alex Mayuy	9/28/06	Steven Tomo	9/28/06 15:25

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: 6 6+ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G= Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 09 - 1573

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: URS **DATE:** 9/28/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ____ Chilled and placed in cooler with wet ice.
- ✓ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.

4.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: A.M.

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): ✓

Initial: A.M.

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	@ ✗	✓	
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		✗@
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: A.M.

COMMENTS:

Hardness containers received but not requested on COC.

From: Jordan_Mandel@URSCorp.com
To: Jason Torres;
CC:
Subject: Square D Samples
Date: Friday, September 29, 2006 10:04:36 AM
Attachments:

Jason,

Please analyze samples recieved on 9/28/06 for the Square D project for hardness by EPA 130.2
Thanks,
Jordan

This e-mail and any attachments are confidential. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

From: Jordan_Mandel@URSCorp.com
To: Jason Torres;
CC:
Subject: Square D revised report
Date: Thursday, November 09, 2006 1:10:03 PM
Attachments:

Jason,
Could you please revise the sample IDs from I to 1 for the square D groundwater samples. Example 1-2 instead of I-2.
Thanks,
Jordan

This e-mail and any attachments are confidential. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

APPENDIX C

MONTHLY INSPECTION LOGS

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 1

Date of Inspection: 1/05/06 Name of Inspector: Jerry Seaburg Inspector Signature: J Seaburg

Section:	Y/N	Maintenance or Repairs / Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	18.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	**		
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of December 2005 = 0.23*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Inspected all quadrants as there were very few pallets on cap. All normal.
*As reported by Accuweather.com
** As viewed from I10 freeway as recent rains prevented access to well.

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 2

Date of Inspection: 2/02/06 Name of Inspector: Jerry Seaburg Inspector Signature: JSeaburg

Section:	Y/N	Maintenance or Repairs / Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	16.5"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	Y		
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of January 2006 = 0.17*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Inspected all quadrants as there were very few pallets on cap. All normal.
*As reported by Accuweather.com

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 3 Date of Inspection: 3/02/06 Name of Inspector: Jerry Seaburg Inspector Signature: Seaburg

Section:	Y/N	Maintenance or Repairs / Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	18.5"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	**		
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of February 2006 = 0.05*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap all normal.
*As reported by Accuweather.com
** Access to SDB-6B prevented by Union Pacific RR working on access road and considerable mud due to recent rains, but, appeared normal viewing from I10.

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 4 Date of Inspection: 4/07/06 Name of Inspector: Jerry Seaburg

Inspector Signature: Seaburg

Section:	Y/N	Maintenance or Repairs Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	19.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	**		
e. Y-3	UP		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of March 2006 = 1.49**	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap all normal.

* As reported by Accuweather.com

** Access to SDB-6B prevented by considerable mud due to recent rains, but, appeared normal by viewing from I10.

UP = Under pallets

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 1 Date of Inspection: 5/01/06 Name of Inspector: Jerry Seaburg

Inspector Signature: JSeaburg

Section:	Y/N	Maintenance or Repairs Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	19.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	**		
e. Y-3	UP		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of April 2006 = 0.39"*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap all normal.

* As reported by Accuweather.com

** Access to SDB-6B prevented by Union Pacific construction equipment on access road, appeared normal by viewing from I10.

UP = Under pallets

9

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 2 Date of Inspection: 6/01/06 Name of Inspector: Jerry Seaburg

Inspector Signature: JSeaburg

Section:	Y/N	Maintenance or Repairs / Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	18.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	Y		
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of May 2006 = 0.00"*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap all normal.

* As reported by Accuweather.com

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 3 Date of Inspection: 6/30/06 Name of Inspector: Jerry Seaburg

Inspector Signature: JSeaburg

Section:	Y/N	Maintenance or Repairs / Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	17.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	Y	As seen from I 10	
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of June 2006 = 0.00"*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap all normal.

* As reported by Accuweather.com

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 4 Date of Inspection: 8/01/06 Name of Inspector: Jerry Seaburg

Inspector Signature: JSeaburg

Section:	Y/N	Maintenance or Repairs Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	16.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	Y	As seen from I 10	
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of July 2006 = 0.01"*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap as usual.

* As reported by Accuweather.com

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 1 Date of Inspection: 9/01/06 Name of Inspector: Jerry Seaburg

Inspector Signature: JSeaburg

Section:	Y/N	Maintenance or Repairs Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	16.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	Y	As seen from I 10	
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of August 2006 = 0.00"*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap as usual.

* As reported by Accuweather.com

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 2 Date of Inspection: 10/02/06 Name of Inspector: Jerry Seaburg

Inspector Signature: J Seaburg

Section:	Y/N	Maintenance or Repairs Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	16.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	Y	As seen from I 10	
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of September 2006 = 0.00"*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap as usual.

* As reported by Weather.com

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 3 Date of Inspection: 11/01/06 Name of Inspector: Jerry Seaburg

Inspector Signature: Seaburg

Section:	Y/N	Maintenance or Repairs Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	14.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	Y	As seen from I 10	
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of October 2006 = 0.01"*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Cap as usual.

* As reported by Weather.com

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

INSPECTION FORM FOR THE POST-CLOSURE AREA AT 1060 E. THIRD ST., BEAUMONT, CA.

Quadrant 4 Date of Inspection: 11/30/06(for 12/1/06) Name of Inspector: Jerry Seaburg

Inspector Signature: JSeaburg

Section:	Y/N	Maintenance or Repairs / Corrective Action Needed	Date Completed
A. SECURITY			
1. Are the fence posts secure?	Y		
2. Is the fencing material intact?	Y		
3. Do the lights work?	?		
4. Are the signs in place and legible?	Y		
5. Is the area free of tunneling by animals?	Y		
6. Is the fence area free from erosion?	N	Some erosion at west end of TW building, at drainage swale near old sewer shack location.	
7. Are fence gates locked?	N	Business was in operation.	
B. COVER SETTLEMENT, SUBSIDENCE, AND DISPLACEMENT			
1. Is the asphalt cap free of cracks?	N	Numerous small surface cracks.	
2. Is the asphalt cap free of depressions?	Y		
3. Is the asphalt cap free of displaced asphalt?	Y		
C. RUN-ON AND RUN-OFF CONTROL MEASURES AND COVER DRAINAGE SYSTEM			
1. Is the area free of cracks?	Y		
2. Is the area free of material that could block the flow?	Y		
3. Is the drain intact (not collapsed)?	Y		
D. LEACHATE COLLECTION, DETECTION AND REMOVAL SYSTEM			
1. Is the sump free of liquid?	N		
2. If liquid is present, record the depth.	14.0"		
E. SAMPLING WELLS			
1. Are the wells intact, capped, locked and free from damage?			
a. SDB-1	Y		
b. SDB-4	Y		
c. SDB-5	Y		
d. SDB-6B (on Union Pacific RR property)	Y	As seen from I 10	
e. Y-3	Y		
f. Y-7	Y		
F. MISCELLANEOUS			
1. Is culvert open (under west approach to PC area)?	Y		
2. Record rain gauge readings.		For the month of November 2006 = 0.03"*	
3. Are all nine signs still on the perimeter fence?	Y		

Comments: Lots of surface sloughing on Q4. Bolts loose on Monitoring well SDB-1, tightened by hand.

* As reported by Weather.com

(1) This form may be modified without the modification of the Post Closure Permit, provided the items listed above are contained in the modified form.

APPENDIX D

PREVIOUS GROUNDWATER ANALYTICAL RESULTS FOR 1985 THROUGH 2006

APPENDIX D

TABLES

Table D-1	Well Y-1 Analytical Results
Table D-2	Metals Analytical Results, 1985 Through 1991
Table D-3	Volatile Organic Compounds, September 1991 Analytical Results
Table D-4	Calcium Analytical Results, 1985 Through 1991
Table D-5	Chloride Analytical Results, 1985 Through 1992
Table D-6	Copper Analytical Results, 1985 through 1992
Table D-7	Fluoride Analytical Results, 1985 Through 1989
Table D-8	Hardness Analytical Results, 1988 Through 1992
Table D-9	Iron Analytical Results, 1985 Through 1992
Table D-10	Lead Analytical Results, 1985 Through 1992
Table D-11	Magnesium Analytical Results, 1986 Through 1991
Table D-12	Manganese Analytical Results, 1985 Through 1992
Table D-13	Nitrate Analytical Results, 1985 Through 1989
Table D-14	pH Analytical Results, 1985 through 1992
Table D-15	Phenols Analytical Results, 1985 Through 1992
Table D-16	Potassium Analytical Results, 1986 Through 1991
Table D-17	Sodium Analytical Results, 1985 Through 1992
Table D-18	Specific Conductance Analytical Results, 1985 Through 1992
Table D-19	Sulfate Analytical Results, 1985 Through 1992
Table D-20	Total Organic Carbon Analytical Results, 1985 Through 1992
Table D-21	Total Organic Halogen Analytical Results, 1985 Through 1992
Table D-22	Zinc Analytical Results, 1990 Through 1992
Table D-23	1993 Through 2006 Analytical Results
Table D-24	Appendix IX Parameters, April 1988 Analytical Results
Table D-25	Appendix IX Parameters, October 1993 Analytical Results
Table D-26	Appendix IX Parameters, September 1994 Analytical Results
Table D-27	Leak Detection Sump, 1993-2002 Analytical Results

TABLE D-1

WELL Y-1 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY
BEAUMONT, CALIFORNIA

PARAMETERS	07/83	01/84	04/84	07/84	10/84	01/85	09/85	09/98
Alkalinity - Bicarbonate	--	186.00	186.00	177.00	189.0	177.0	--	--
Alkalinity - Carbonate	--	nil	nil	nil	nil	0.0	--	--
Alkalinity - Hydroxide	213.00	nil	nil	nil	nil	0.0	--	--
Alkalinity - Total	--	153.00	153.00	145.00	155.0	145.0	--	150
Chloride	30.8	19.0	17.0	17.0	15.0	23.0	0.51	--
Fluoride	0.7	1.0	0.9	0.8	0.7	0.9	0.9	--
Hardness	--	--	--	--	--	134.0	--	119
Nitrate	1.1	6.0	9.0	10.0	7.0	8.0	2.24	--
pH (units)	7.2	7.5	7.7	7.5	7.7	7.5	7.91	--
Conductivity (umhos/cm)	--	--	--	--	--	--	260	337
Sulfate	0.7	4.0	4.0	<2.0	4.0	<2.0	12.0	1.76
TDS	348.00	210.00	185.00	185.00	215.0	205.0	--	209
Total Coliform	--	--	--	--	--	--	Confluent	--
Phenols	--	--	--	--	--	--	0.02	--
Total Organic Carbon	--	--	--	--	--	--	2.4	--
Total Organic Halogen	--	--	--	--	--	--	<0.005	--
Antimony	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.0001
Arsenic	<0.01	--	<0.01	<0.01	<0.01	0.01	0.0004	<0.0007
Barium	--	--	--	--	--	--	<0.1	0.036
Cadmium	--	--	--	--	--	--	0.0001	--
Calcium	36.4	41.0	39.0	42.0	40.0	40.0	--	39
Chromium, Total	0.02	0.02	0.02	0.01	0.02	0.01	<0.05	0.0044
Copper	0.01	0.55	0.21	0.15	0.1	0.05	<0.02	0.0007
Iron	0.41	1.30	1.90	1.10	0.37	0.47	0.03	0.03
Lead	<0.01	0.30	0.12	0.07	0.05	0.04	<0.001	<0.0003
Magnesium	36.6	8.0	9.0	9.0	9.0	8.0	--	7.7
Manganese	0.31	0.09	0.13	0.10	0.01	0.02	0.01	--
Mercury	--	<0.001	<0.001	<0.001	<0.001	<0.001	0.0003	<0.0001
Nickel	--	--	--	--	--	--	--	<0.002
Phosphorous	--	--	--	--	--	--	--	<0.02
Selenium	--	--	--	--	--	--	<0.00012	--
Silver	--	--	--	--	--	--	<0.01	--
Sodium	7.8	18.0	95.0	18.0	19.0	18.0	19.8	--
Zinc	0.18	0.06	0.04	0.04	0.04	0.06	--	0.308
Lindane	--	--	--	--	--	--	<0.004	--
2,4-D	--	--	--	--	--	--	<0.5	--
Endrin	--	--	--	--	--	--	<0.006	--
Methoxychlor	--	--	--	--	--	--	<0.176	--
Toxaphene	--	--	--	--	--	--	<0.24	--
2,4,5-TP	--	--	--	--	--	--	<0.05	--
Radium	--	--	--	--	--	--	<5 pc/L	--
Gross alpha	--	--	--	--	--	--	<1 pc/L	--
Gross beta	--	--	--	--	--	--	<1 pc/L	--

TABLE D-2

METALS ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1991
SQUARE D COMPANY
BEAUMONT, CALIFORIA

PARAMETER	DATE	GROUNDWATER MONITORING WELL					
		Y-2	Y-3	Y-4	Y-5	Y-6	Y-8
Antimony	12/91	NA	<0.03	NA	NA	NA	<0.03
Arsenic	09/85	0.0001	0.0002	0.0002	<0.00004	0.0001	NI
	12/85	0.002	0.003	0.001	0.002	0.002	NI
	03/86	0.0002	<0.00004	<0.00004	<0.00004	<0.00004	NI
	06/86	<0.003	0.003	<0.003	<0.003	<0.003	NI
	07/89	<0.1	NA	NA	NA	NA	NA
	10/89	NA	NA	NA	NA	NA	<0.05
	12/89	NA	NA	NA	NA	NA	<0.05
	01/90	NA	NA	NA	NA	NA	<0.05
	02/90	NA	NA	NA	NA	NA	<0.05
	03/90	NA	NA	NA	NA	NA	<0.05
	12/91	NA	<0.002	NA	NA	NA	<0.002
Barium	09/85	<0.1	<0.1	<0.1	<0.1	<0.1	NI
	12/85	0.5	0.2	0.1	<0.1	0.2	NI
	03/86	<0.1	<0.1	<0.1	<0.1	<0.1	NI
	06/86	2	0.5	1.1	0.5	1.1	NI
	07/89	0.05	NA	NA	NA	NA	NA
	10/89	NA	NA	NA	NA	NA	0.03
	12/89	NA	NA	NA	NA	NA	0.03
	01/90	NA	NA	NA	NA	NA	0.04
	02/90	NA	NA	NA	NA	NA	0.04
	03/90	NA	NA	NA	NA	NA	0.03
	12/91	NA	0.04	NA	NA	NA	0.03
Beryllium	12/91	NA	<0.005	NA	NA	NA	<0.005
Cadmium	09/85	0.0005	0.0002	0.0002	0.0002	<0.0001	NI
	12/85	0.0009	0.0009	0.0001	<0.0001	0.0001	NI
	03/86	<0.005	<0.005	<0.005	<0.005	<0.005	NI
	06/86	0.0015	0.0007	0.0009	0.001	0.0014	NI
	06/88	<0.01	NA	NA	NA	NA	NI
	07/89	<0.01	NA	NA	NA	NA	NA
	10/89	NA	NA	NA	NA	NA	<0.05
	12/89	NA	NA	NA	NA	NA	<0.01
	01/90	NA	NA	NA	NA	NA	<0.01
	02/90	NA	NA	NA	NA	NA	<0.01
	03/90	NA	NA	NA	NA	NA	<0.01
	12/91	NA	<0.0006	NA	NA	NA	<0.0006
Chromium	09/85	<0.05	<0.05	<0.05	<0.05	<0.05	NI
	12/85	0.07	<0.05	0.05	<0.05	0.05	NI
	03/86	<0.05	<0.05	<0.05	<0.05	<0.05	NI
	06/86	0.03	0.03	0.03	0.04	0.04	NI
	06/88	0.06	NA	NA	NA	NA	NI
	07/89	<0.02	NA	NA	NA	NA	NA
	10/89	NA	NA	NA	NA	NA	0.02
	12/89	NA	NA	NA	NA	NA	0.01
	01/90	NA	NA	NA	NA	NA	0.01
	02/90	NA	NA	NA	NA	NA	0.01

TABLE D-2

METALS ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1991
SQUARE D COMPANY
BEAUMONT, CALIFORIA

PARAMETER	DATE	GROUNDWATER MONITORING WELL					
		Y-2	Y-3	Y-4	Y-5	Y-6	Y-8
	03/90	NA	NA	NA	NA	NA	<0.01
	12/91	NA	<0.01	NA	NA	NA	<0.01
Cobalt	12/91	NA	<0.01	NA	NA	NA	<0.01
Mercury	09/85	0.0003	0.0002	0.0004	0.0003	0.0002	NI
	12/85	0.0002	0.0001	<0.00005	0.0004	<0.00005	NI
	03/86	<0.00005	<0.00005	0.006	<0.00005	<0.00005	NI
	06/86	0.0066	0.0006	0.0002	0.0052	0.0007	NI
	07/89	<0.001	NA	NA	NA	NA	NA
	10/89	NA	NA	NA	NA	NA	<0.001
	12/89	NA	NA	NA	NA	NA	<0.001
	01/90	NA	NA	NA	NA	NA	<0.001
	02/90	NA	NA	NA	NA	NA	0.0014
	03/90	NA	NA	NA	NA	NA	<0.001
	12/91	NA	<0.0005	NA	NA	NA	<0.0005
Molybdenum	12/91	NA	<0.01	NA	NA	NA	<0.01
Nickel	12/91	NA	<0.01	NA	NA	NA	<0.01
Selenium	09/85	0.00012	<0.00012	<0.00012	<0.00012	0.003	NI
	12/85	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	NI
	03/86	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	NI
	06/86	<0.004	<0.004	<0.004	<0.004	<0.004	NI
	07/89	<0.2	NA	NA	NA	NA	NA
	10/89	NA	NA	NA	NA	NA	<0.05
	01/90	NA	NA	NA	NA	NA	<0.05
	02/90	NA	NA	NA	NA	NA	<0.05
	03/90	NA	NA	NA	NA	NA	<0.05
	12/91	NA	<0.002	NA	NA	NA	<0.002
Silver	09/85	<0.01	<0.01	<0.01	<0.01	<0.01	NI
	12/85	<0.01	<0.01	<0.01	<0.01	<0.01	NI
	03/86	<0.01	<0.01	<0.01	<0.01	<0.01	NI
	06/86	<0.04	<0.04	<0.04	<0.04	<0.04	NI
	07/89	<0.1	NA	NA	NA	NA	NA
	10/89	NA	NA	NA	NA	NA	<0.05
	01/90	NA	NA	NA	NA	NA	<0.02
	02/90	NA	NA	NA	NA	NA	<0.02
	03/90	NA	NA	NA	NA	NA	<0.02
	12/91	NA	0.01	NA	NA	NA	<0.01
Thallium	12/91	NA	<0.002	NA	NA	NA	<0.002
Vanadium	12/91	NA	0.04	NA	NA	NA	0.02

NA - Sample not analyzed.
NI - Groundwater monitoring well not installed

TABLE D-3

VOLATILE ORGANIC COMPOUNDS (ug/L)
SEPTEMBER 1991 ANALTYICAL RESULTS
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

PARAMETER	GROUNDWATER MONITORING WELL					
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8
Benzene	NA	<0.50	NA	NA	NA	<0.50
Bromodichloromethane	NA	<0.20	NA	NA	NA	<0.20
Bromoform	NA	<1.0	NA	NA	NA	<1.0
Bromomethane	NA	<0.20	NA	NA	NA	<0.20
Carbon Tetrachloride	NA	<0.20	NA	NA	NA	<0.20
Chlorobenzene	NA	<0.50	NA	NA	NA	<0.50
Chloroethane	NA	<0.20	NA	NA	NA	<0.20
Chloroform	NA	<0.20	NA	NA	NA	<0.20
Chloromethane	NA	<0.20	NA	NA	NA	<0.20
Dibromochloromethane	NA	<0.20	NA	NA	NA	<0.20
1,2-Dichlorobenzene	NA	<0.50	NA	NA	NA	<0.50
1,3-Dichlorobenzene	NA	<0.50	NA	NA	NA	<0.50
1,4-Dichlorobenzene	NA	<0.50	NA	NA	NA	<0.50
Dichlorodifluoromethane	NA	<1.0	NA	NA	NA	<1.0
1,1-Dichloroethane	NA	<0.20	NA	NA	NA	<0.20
1,2-Dichloroethane	NA	<0.20	NA	NA	NA	<0.20
1,1-Dichloroethene	NA	<0.20	NA	NA	NA	<0.20
cis-1,2-Dichloroethene	NA	<0.20	NA	NA	NA	<0.20
trans-1,2-Dichloroethene	NA	<0.20	NA	NA	NA	<0.20
1,2-Dichloropropane	NA	<0.20	NA	NA	NA	<0.20
cis-1,3-Dichloropropene	NA	<0.20	NA	NA	NA	<0.20
trans-1,3-Dichloropropene	NA	<0.20	NA	NA	NA	<0.20
Ethylbenzene	NA	<0.50	NA	NA	NA	<0.50
Methylene Chloride	NA	<2.0	NA	NA	NA	<2.0
1,1,2,2-Tetrachloroethane	NA	<0.20	NA	NA	NA	<0.20
Tetrachloroethene	NA	<0.20	NA	NA	NA	<0.20
Toluene	NA	<0.20	NA	NA	NA	<0.20
1,1,1-Trichloroethane	NA	<0.20	NA	NA	NA	<0.20
1,1,2-Trichloroethane	NA	<0.20	NA	NA	NA	<0.20
Trichloroethene	NA	<0.20	NA	NA	NA	<0.20
Trichlorofluoromethane	NA	<2.0	NA	NA	NA	<2.0
Vinyl Chloride	NA	<0.20	NA	NA	NA	<0.20
Xylenes (TOTAL)	NA	<1.0	NA	NA	NA	<1.0

NA - Sample not analyzed.

TABLE D-4

CALCIUM ANALYTICAL RESULTS (mg/L)
1985 THROUGH 1991
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL					
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8
12/85	175	24.6	39.8	19	27.8	NI
06/86	94	17.5	42	17.5	35	NI
10/86	163	43.6	131	45	102	NI
01/87	NA	96	114	46	42	NI
05/87	80	30	87	31	66	NI
09/87	69	31	97	33	65	NI
12/87	69	36	75	35	66	NI
03/88	67	33	87	34	68	NI
06/88	59	26	64	31	70	NI
12/90	160	51	120	NA	96	63
03/91	160	63	91	54	90	140
06/91	91.3	27.6	53.6	29.2	42.5	51
09/91	69.4	31.3	48.8	33.2	48.7	74.7
12/91	62.4	30.5	46.4	32.6	43.8	65.8

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-5

CHLORIDE ANALYTICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	12.6	11.1	12.6	11.6	11.1	NI	
12/85	18.5	23	71.6	19.3	13.85	NI	Duplicate
12/85	NA	24	NA	19.3	NA	NI	Duplicate
12/85	NA	24	NA	19.5	NA	NI	Duplicate
12/85	NA	23	NA	19.3	NA	NI	Duplicate
03/86	17	21	24	19	19	NI	Duplicate
03/86	NA	20	NA	19	NA	NI	Duplicate
03/86	NA	21	NA	19	NA	NI	Duplicate
03/86	NA	20	NA	19	NA	NI	Duplicate
06/86	18.4	18	20.2	15	16.9	NI	Duplicate
06/86	NA	17	NA	13	NA	NI	Duplicate
06/86	NA	21	NA	14	NA	NI	Duplicate
06/86	NA	20.2	NA	10.7	NA	NI	Duplicate
10/86	15.4	21	21	17.5	19.6	NI	
01/87	NA	NA	21	18	21	NI	Duplicate
01/87	NA	NA	21	14	21	NI	Duplicate
01/87	NA	NA	19	15	21	NI	Duplicate
01/87	NA	NA	19	14	21	NI	Duplicate
05/87	<10	34.2	<10	<10	<10	NI	
09/87	12	53	21	12	NA	NI	
12/87	13	13	15	12	18	NI	
03/88	11	11	17	11	17	NI	
06/88	11	13	14	11	17	NI	
10/88	<0.5	9	9	2	18	NI	
12/88	2.1	6.4	10.6	<1.0	10.6	NI	
03/89	10	15	14	14	14	NI	
07/89	5.2	6.9	6.5	4.7	8	15.5	
10/89	11	14	14	11	17	19	Duplicate
10/89	NA	NA	NA	NA	NA	19	Duplicate
10/89	NA	NA	NA	NA	NA	19	Duplicate
10/89	NA	NA	NA	NA	NA	19	Duplicate
12/89	11	13	12	11	14	17	
01/90	9.6	12	11	8.9	14	14	Duplicate
01/90	9.5	12	11	8.9	14	14	Duplicate
01/90	9.5	12	11	8.9	14	14	Duplicate
01/90	9.5	12	11	8.9	14	14	Duplicate
02/90	9.7	13	12	9.2	14	16	
03/90	12	15	14	11	18	15	
06/90	39	20	68	20	20	10	
09/90	36	13	NA	13	27	36	
12/90	8.4	8.4	12	NA	26	26	
03/91	11	10	6	6	17	18	
09/92	35	130	40	84	50	9.9	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-6

COPPER ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	0.03	<0.02	<0.02	<0.02	<0.02	NI	
12/85	0.07	0.02	0.02	<0.02	0.03	NI	
03/86	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
06/86	0.02	0.25	0.4	0.05	0.05	NI	
10/86	<0.01	<0.01	0.03	0.01	0.02	NI	
01/87	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
05/87	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
09/87	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
12/87	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
03/88	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
06/88	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
10/88	<0.1	<0.1	<0.1	<0.1	<0.1	NI	
12/88	<0.1	<0.1	<0.1	<0.1	<0.1	NI	
03/89	ND	ND	ND	ND	ND	NI	
07/89	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
10/89	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
12/89	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
01/90	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
02/90	0.03	0.01	0.02	0.01	0.02	<0.01	
03/90	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
06/90	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
09/90	<0.1	<0.1	NA	<0.1	<0.1	<0.1	
12/90	<0.01	<0.01	<0.01	NA	<0.01	<0.01	
03/91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
06/91	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	Duplicate
06/91	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	Duplicate
06/91	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	Duplicate
06/91	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	Duplicate
09/91	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
12/91	<0.01	0.02	<0.01	<0.01	<0.01	0.05	
03/92	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
06/92	0.015	<0.01	<0.01	<0.01	0.020	<0.01	
09/92	0.020	<0.01	<0.01	<0.01	0.018	<0.01	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.
ND - Analyte not detected at or above laboratory detection limit (which is not available).

TABLE D-7

FLUORIDE ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1989
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	0.5	0.8	0.8	0.8	0.7	NI	
12/85	0.45	0.86	0.65	0.90	0.87	NI	
03/86	0.3	1.4	1.0	1.4	1.0	NI	
06/86	0.36	0.51	0.34	0.44	0.26	NI	
10/89	NA	NA	NA	NA	NA	0.4	Duplicate
10/89	NA	NA	NA	NA	NA	0.4	Duplicate
10/89	NA	NA	NA	NA	NA	0.4	Duplicate
10/89	NA	NA	NA	NA	NA	0.4	Duplicate
12/89	NA	NA	NA	NA	NA	<0.3	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-8

HARDNESS ANALTYICAL RESULTS (mg/L)
1988 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
10/88	195	98.6	200.9	101.9	161.5	NI	
12/88	160	119	195	116	151	NI	Duplicate
12/88	160	109	180	123	144	NI	Duplicate
12/88	135	126	155	244	171	NI	Duplicate
12/88	165	90.4	152	122	143	NI	Duplicate
10/89	170	50	115	65	105	115	
01/90	340	110	200	140	210	190	Duplicate
01/90	340	110	200	130	210	190	Duplicate
01/90	340	110	200	130	210	190	Duplicate
01/90	340	110	200	130	210	200	Duplicate
02/90	380	190	300	150	250	320	
03/90	340	130	260	160	230	180	
06/90	72	172	125	78	106	62	
09/90	529	235	NA	207	294	279	
12/90	180	59	120	NA	100	63	
03/91	280	110	170	120	170	230	
12/91	206	111	146	123	146	211	
03/92	205	104	136	114	144	203	
06/92	260	110	160	130	140	200	
09/92	250	120	150	150	150	210	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-9

IRON ANALYTICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL					
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8
09/85	<0.03	2.03	<0.03	<0.03	<0.03	NI
12/85	11.1	1.14	4.22	5.26	8.74	NI
03/86	0.08	0.07	0.03	0.04	0.91	NI
06/86	0.3	0.2	0.3	0.3	0.2	NI
10/86	0.22	0.11	0.18	0.21	0.1	NI
01/87	NA	0.12	0.12	0.06	0.08	NI
05/87	1.3	0.2	0.4	0.8	0.2	NI
09/87	0.31	1.2	<1.0	<1.0	2.2	NI
12/87	<1.0	<1.0	<1.0	<1.0	<1.0	NI
03/88	0.49	3.08	1.76	0.31	0.79	NI
06/88	0.34	0.25	0.37	0.42	0.25	NI
10/88	0.56	<0.1	0.58	<0.1	0.31	NI
12/88	<0.2	1.0	0.40	0.20	0.87	NI
03/89	ND	ND	ND	ND	ND	NI
07/89	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
10/89	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
12/89	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
01/90	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
02/90	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
03/90	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
06/90	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
09/90	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
12/90	9.8	0.3	0.33	NA	1.1	0.37
03/91	6.4	2.0	7.3	5.6	0.43	2.4
09/92	0.256	0.241	0.274	0.236	0.082	0.105

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-10

LEAD ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	<0.001	<0.001	<0.001	<0.001	<0.001	NI	
12/85	<0.001	0.01	0.011	0.002	0.006	NI	
03/86	0.02	<0.001	<0.001	<0.001	<0.001	NI	
06/86	0.005	0.004	0.01	0.003	0.018	NI	
10/86	<0.01	<0.01	0.02	<0.01	0.01	NI	
01/87	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
05/87	<0.02	<0.02	<0.02	<0.02	0.03	NI	
09/87	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
12/87	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
03/88	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
06/88	<0.02	<0.02	<0.02	<0.02	<0.02	NI	
10/88	0.006	0.008	0.012	<0.005	<0.005	NI	
12/88	<0.005	<0.005	<0.005	<0.005	<0.005	NI	
03/89	ND	ND	ND	ND	ND	NI	
07/89	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
10/89	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
12/89	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
01/90	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	
02/90	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
03/90	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
06/90	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
09/90	<0.025	<0.025	NA	<0.025	<0.025	<0.025	
12/90	0.025	0.006	<0.005	NA	0.007	<0.005	
03/91	0.016	0.008	0.03	0.008	0.01	<0.005	
06/91	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	Duplicate
06/91	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	Duplicate
06/91	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	Duplicate
06/91	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	Duplicate
09/91	<0.002	<0.002	<0.002	0.003	<0.002	<0.002	
10/91	<0.002	<0.002	NA	NA	<0.002	<0.002	
12/91	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
03/92	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
06/92	<0.001	<0.001	<0.001	<0.001	0.0017	<0.001	
09/92	<0.001	<0.001	<0.001	<0.001	0.0021	<0.001	

ND - Analyte not detected at or above laboratory detection limit (which is not available).
NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-11

MAGNESIUM ANALTYICAL RESULTS (mg/L)
1986 THROUGH 1991
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL					
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8
03/86	62.2	6.3	12.3	6.78	13	NI
06/86	44	8.0	18	12.5	16.5	NI
10/86	26.4	7.29	14.5	9.47	13.1	NI
01/87	NA	12	12	9.1	6.7	NI
05/87	17	7.8	14	9.9	12	NI
09/87	13	7.8	12	9.4	12	NI
12/87	13	8.3	10	9.6	12	NI
03/88	12	8.7	12	10	13	NI
06/88	12	6.2	10	9.4	13	NI
07/89	24	8.0	11	10	11	12
12/90	21	7.6	11	NA	12	6.8
03/91	17	8.6	9.3	9.2	8.7	11
06/91	18.4	8.6	20.8	10.6	9.1	9.7
09/91	13.6	9.1	8.3	11.1	9.9	12.8
12/91	12.2	8.5	7.3	10.2	9.0	11.4

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-12

MANGANESE ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	0.14	3.4	0.2	0.01	0.04	NI	
12/85	0.52	1.46	0.04	0.06	0.38	NI	Duplicate
12/85	NA	1.40	NA	0.06	NA	NI	Duplicate
12/85	NA	1.48	NA	0.06	NA	NI	Duplicate
12/85	NA	1.46	NA	0.06	NA	NI	Duplicate
03/86	0.05	0.44	0.04	0.05	0.01	NI	Duplicate
03/86	NA	0.4	NA	0.04	NA	NI	Duplicate
03/86	NA	0.43	NA	0.04	NA	NI	Duplicate
03/86	NA	0.45	NA	0.04	NA	NI	Duplicate
06/86	0.03	0.1	<0.02	0.05	<0.02	NI	Duplicate
06/86	NA	0.1	NA	0.04	NA	NI	Duplicate
06/86	NA	0.15	NA	0.04	NA	NI	Duplicate
06/86	NA	0.09	NA	0.07	NA	NI	Duplicate
10/86	0.02	0.12	0.01	<0.01	<0.01	NI	
01/87	NA	0.02	0.02	<0.02	<0.02	NI	
05/87	0.05	<0.02	<0.02	0.02	0.02	NI	
09/87	<0.02	<0.02	0.02	0.03	0.05	NI	
12/87	0.02	0.07	<0.02	<0.02	0.02	NI	
03/88	<0.02	0.21	0.04	<0.02	<0.02	NI	
06/88	<0.02	0.03	<0.02	0.03	0.02	NI	
10/88	<0.1	<0.1	<0.1	<0.1	<0.1	NI	
12/88	<0.1	<0.1	<0.1	<0.1	<0.1	NI	
03/89	ND	0.04	ND	0.01	0.03	NI	
07/89	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
10/89	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	
12/89	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
01/90	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	
02/90	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
03/90	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
06/90	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
09/90	0.27	<0.05	NA	<0.05	<0.05	<0.05	
12/90	0.53	<0.05	<0.05	NA	<0.05	<0.05	
03/91	0.11	<0.05	0.12	0.10	<0.05	<0.05	
09/92	0.0074	<0.005	<0.005	<0.005	<0.005	<0.005	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-13

NITRATE ANALTYICAL RESULTS (as N; mg/L)
1985 THROUGH 1989
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	3.47	1.58	2.12	2.83	2.19	NI	
12/85	13	4.0	13	7.4	6.4	NI	
03/86	2.26	1.11	1.58	2.06	1.72	NI	
06/86	0.7	0.5	0.6	0.7	0.6	NI	
10/89	NA	NA	NA	NA	NA	6.8	Duplicate
10/89	NA	NA	NA	NA	NA	6.8	Duplicate
10/89	NA	NA	NA	NA	NA	6.8	Duplicate
10/89	NA	NA	NA	NA	NA	6.8	Duplicate
12/89	NA	NA	NA	NA	NA	6.9	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-14

pH ANALTYICAL RESULTS (Standard Units)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	7.16	7.27	7.64	7.91	7.68	NI	
12/85	7.18	7.40	7.64	7.72	7.73	NI	Duplicate
12/85	NA	7.41	NA	7.75	NA	NI	Duplicate
12/85	NA	7.42	NA	7.74	NA	NI	Duplicate
12/85	NA	7.41	NA	7.73	NA	NI	Duplicate
03/86	6.84	7.69	7.52	7.67	7.64	NI	Duplicate
03/86	NA	7.72	NA	7.69	NA	NI	Duplicate
03/86	NA	7.74	NA	7.73	NA	NI	Duplicate
03/86	NA	7.76	NA	7.7	NA	NI	Duplicate
06/86	6.9	7.4	7.3	7.8	7.5	NI	Duplicate
06/86	NA	7.7	NA	7.8	NA	NI	Duplicate
06/86	NA	7.6	NA	7.8	NA	NI	Duplicate
06/86	NA	7.7	NA	7.6	NA	NI	Duplicate
10/86	7.40	7.66	7.50	7.63	7.59	NI	
01/87	NA	7.57	7.81	8.05	8.20	NI	Duplicate
01/87	NA	7.79	7.80	7.85	7.81	NI	Duplicate
01/87	NA	7.81	7.86	8.07	7.82	NI	Duplicate
01/87	NA	7.80	7.76	7.78	7.83	NI	Duplicate
05/87	7.06	7.25	7.11	7.24	7.12	NI	
09/87	7.50	7.57	7.41	7.53	7.38	NI	
12/87	7.46	7.53	7.24	7.55	7.48	NI	
03/88	7.77	7.83	7.66	7.81	7.73	NI	
06/88	7.50	7.65	7.55	7.80	7.65	NI	Duplicate
06/88	7.55	7.65	7.50	7.80	7.80	NI	Duplicate
06/88	7.55	7.70	7.55	7.70	7.75	NI	Duplicate
06/88	7.55	7.70	7.55	7.65	7.75	NI	Duplicate
10/88	7.8	8.0	7.7	7.8	7.8	NI	
12/88	8.5	8.6	8.6	8.9	8.8	NI	Duplicate
12/88	8.4	8.7	8.6	8.8	8.7	NI	Duplicate
12/88	8.6	8.6	8.7	8.8	8.6	NI	Duplicate
12/88	8.5	8.7	8.7	8.8	8.6	NI	Duplicate
03/89	7.2	7.2	7.3	7.3	7.3	NI	
07/89	7.43	6.99	7.34	7.52	7.48	7.65	Duplicate
07/89	7.47	7.00	7.41	7.51	7.49	7.63	Duplicate
07/89	7.48	7.00	7.41	7.60	7.46	7.59	Duplicate
07/89	7.47	7.01	7.43	7.62	7.51	7.65	Duplicate
10/89	7.4	7.5	7.4	7.4	7.5	7.5	Duplicate
10/89	NA	NA	NA	NA	NA	7.5	Duplicate
10/89	NA	NA	NA	NA	NA	7.6	Duplicate
10/89	NA	NA	NA	NA	NA	7.6	Duplicate
12/89	7.74	8.12	7.88	7.98	7.86	7.87	Duplicate
12/89	7.74	8.07	7.88	7.97	7.86	7.9	Duplicate
12/89	7.74	8.07	7.87	8.03	7.86	7.9	Duplicate
12/89	7.73	8.05	7.87	7.96	7.86	7.9	Duplicate
01/90	7.51	7.76	7.74	7.81	7.59	7.6	Duplicate

TABLE D-14

pH ANALTYICAL RESULTS (Standard Units)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
01/90	7.51	7.76	7.75	7.81	7.61	7.61	Duplicate
01/90	7.52	7.75	7.75	7.81	7.62	7.61	Duplicate
01/90	7.53	7.76	7.75	7.81	7.62	7.62	Duplicate
02/90	7.55	8.02	7.76	7.91	7.76	7.73	Duplicate
02/90	7.55	8.01	7.75	7.94	7.77	7.74	Duplicate
02/90	7.56	8.00	7.75	7.95	7.77	7.75	Duplicate
02/90	7.56	8.00	7.76	7.95	7.77	7.76	Duplicate
03/90	7.37	7.50	7.48	7.54	7.51	7.32	Duplicate
03/90	7.36	7.51	7.49	7.55	7.51	7.32	Duplicate
03/90	7.34	7.49	7.50	7.55	7.52	7.33	Duplicate
03/90	7.33	7.50	7.50	7.55	7.52	7.33	Duplicate
12/90	7.4	7.7	7.6	NA	7.7	7.4	Duplicate
12/90	8.0	8.6	8.2	NA	8.1	8.1	Duplicate
12/90	8.0	8.2	8.1	NA	8.0	8.0	Duplicate
12/90	8.0	8.6	8.1	NA	8.0	8.0	Duplicate
03/91	7.7	8.3	8.4	8.2	8.2	8.1	
06/91	7.44	7.66	7.63	7.58	7.62	7.51	
09/91	7.56	7.72	7.6	7.72	7.71	7.58	
12/91	7.94	8.16	7.93	7.97	8.13	8.06	
03/92	7.51	8.25	7.61	7.47	7.65	7.75	
06/92	7.3	7.0	7.0	7.1	7.0	7.0	
09/92	7.3	7.2	7.4	7.1	7.1	7.4	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-15

PHENOLS ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	<0.02	0.05	0.14	0.11	0.13	NI	
12/85	<0.005	0.031	<0.005	<0.005	<0.005	NI	
03/86	<0.005	<0.005	0.119	<0.005	0.04	NI	Duplicate
03/86	NA	<0.005	NA	<0.005	NA	NI	Duplicate
03/86	NA	<0.005	NA	<0.005	NA	NI	Duplicate
03/86	NA	<0.005	NA	<0.005	NA	NI	Duplicate
06/86	0.07	<1.0	<1.0	<1.0	<1.0	NI	Duplicate
06/86	NA	0.2	NA	0.3	NA	NI	Duplicate
06/86	NA	<0.1	NA	0.2	NA	NI	Duplicate
06/86	NA	<0.1	NA	0.1	NA	NI	Duplicate
10/86	<0.01	<0.01	<0.01	<0.01	<0.01	NI	
01/87	NA	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
01/87	NA	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
01/87	NA	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
01/87	NA	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
05/87	<0.01	<0.01	<0.01	0.006	<0.01	NI	
09/87	<0.005	<0.005	<0.005	<0.005	<0.005	NI	
12/87	<0.005	<0.005	<0.005	<0.005	<0.005	NI	
03/88	<0.01	<0.01	<0.01	<0.01	<0.01	NI	
06/88	<0.01	<0.01	<0.01	<0.01	<0.01	NI	
10/88	<0.05	<0.05	<0.05	<0.05	<0.05	NI	
12/88	<0.05	<0.05	<0.05	<0.05	<0.05	NI	
03/89	<0.05	<0.05	<0.05	<0.05	<0.05	NI	
07/89	<0.001	0.003	<0.001	0.017	<0.001	<0.001	
10/89	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
12/89	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
01/90	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
02/90	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
03/90	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
06/90	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
09/90	<0.2	<0.2	NA	<0.2	<0.2	<0.2	
12/90	<0.01	<0.01	<0.01	NA	0.014	<0.01	
03/91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
09/92	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-16

POTASSIUM ANALTYICAL RESULTS (mg/L)
1986 THROUGH 1991
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL					
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8
03/86	1.49	0.88	1.46	1.20	0.96	NI
06/86	1.84	1.60	1.88	2.96	1.60	NI
10/86	1.0	0.68	1.0	0.88	0.64	NI
01/87	NA	1.3	1.4	1.8	1.4	NI
05/87	1.6	1.8	1.6	2.0	1.4	NI
09/87	2.0	3.0	1.0	2.0	2.0	NI
12/87	1.3	1.8	1.2	1.6	1.3	NI
03/88	1.1	1.9	1.3	1.9	1.2	NI
06/88	1.1	1.4	1.2	1.9	1.4	NI
03/91	2.4	1.9	2.5	2.7	0.99	1.5

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-17

SODIUM ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	55	101	78.5	47	49	NI	
12/85	124	36.2	306	35	34	NI	Duplicate
12/85	NA	37.6	NA	34.8	NA	NI	Duplicate
12/85	NA	37	NA	35.2	NA	NI	Duplicate
12/85	NA	36.8	NA	35.4	NA	NI	Duplicate
03/86	35.4	23.2	36.8	24.6	28.2	NI	Duplicate
03/86	NA	26.6	NA	24.8	NA	NI	Duplicate
03/86	NA	25	NA	30.2	NA	NI	Duplicate
03/86	NA	25.2	NA	24	NA	NI	Duplicate
06/86	33.5	26	31	34.8	25	NI	Duplicate
06/86	NA	24.8	NA	28	NA	NI	Duplicate
06/86	NA	23.8	NA	33.5	NA	NI	Duplicate
06/86	NA	24.2	NA	33.5	NA	NI	Duplicate
10/86	34.9	28.7	49.1	32.4	31.6	NI	
01/87	NA	22	26	24	21	NI	
05/87	33	26	34	28	37	NI	
09/87	25	26	29	27	23	NI	
12/87	23	24	24	24	22	NI	
03/88	24	25	27	26	23	NI	
06/88	23	20	24	24	24	NI	
10/88	21.9	<1.0	26.8	22.8	25.9	NI	
12/88	18.8	14.2	22.7	16.6	11.8	NI	
03/89	27	24	29	29	24	NI	
07/89	32	23	27	28	23	31	
10/89	29	25	27	29	24	28	
12/89	28	23	25	27	24	35	
01/90	29	25	24	28	24	32	Duplicate
01/90	29	25	24	28	24	32	Duplicate
01/90	29	25	24	28	24	32	Duplicate
01/90	29	25	24	28	24	32	Duplicate
02/90	30	22	28	28	26	28	
03/90	31	24	27	29	24	29	
06/90	25.3	22.7	24.1	25.3	20.4	22.3	
09/90	22.2	1.6	NA	21.7	17.5	21.2	
12/90	23	21	23	NA	19	21	
03/91	30	28	26	27	24	28	
09/92	23.8	28	20	29	19.4	23.9	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-18

SPECIFIC CONDUCTANCE ANALTYICAL RESULTS (umhos/cm)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	1575	470	630	290	530	NI	
12/85	1650	260	615	240	480	NI	Duplicate
12/85	NA	260	NA	250	NA	NI	Duplicate
12/85	NA	265	NA	250	NA	NI	Duplicate
12/85	NA	265	NA	250	NA	NI	Duplicate
03/86	1550	290	620	290	550	NI	Duplicate
03/86	NA	290	NA	290	NA	NI	Duplicate
03/86	NA	290	NA	290	NA	NI	Duplicate
03/86	NA	290	NA	290	NA	NI	Duplicate
06/86	855	200	554	213	488	NI	Duplicate
06/86	NA	207	NA	214	NA	NI	Duplicate
06/86	NA	253	NA	212	NA	NI	Duplicate
06/86	NA	261	NA	264	NA	NI	Duplicate
10/86	815	300	655	330	540	NI	
01/87	NA	280	570	320	560	NI	Duplicate
01/87	NA	285	570	320	550	NI	Duplicate
01/87	NA	295	565	330	560	NI	Duplicate
01/87	NA	295	560	320	560	NI	Duplicate
05/87	605	310	604	340	502	NI	
09/87	600	310	600	340	540	NI	
12/87	460	265	480	280	440	NI	
03/88	530	330	560	350	520	NI	
06/88	510	285	525	315	525	NI	Duplicate
06/88	505	290	525	310	520	NI	Duplicate
06/88	505	285	530	315	520	NI	Duplicate
06/88	505	290	530	316	525	NI	Duplicate
10/88	480	310	500	300	470	NI	
12/88	550	320	540	340	480	NI	Duplicate
12/88	510	290	530	330	490	NI	Duplicate
12/88	500	290	530	330	480	NI	Duplicate
12/88	510	290	520	330	480	NI	Duplicate
03/89	738	468	864	558	756	NI	
06/89	842	342	564	381	506	495	Duplicate
06/89	864	320	553	381	495	506	Duplicate
06/89	842	320	564	381	506	506	Duplicate
06/89	853	331	564	381	506	495	Duplicate
10/89	750	270	550	350	490	530	Duplicate
10/89	NA	NA	NA	NA	NA	520	Duplicate
10/89	NA	NA	NA	NA	NA	520	Duplicate
10/89	NA	NA	NA	NA	NA	530	Duplicate
12/89	630	250	420	300	430	520	Duplicate
12/89	630	260	440	310	440	520	Duplicate
12/89	640	260	440	310	440	500	Duplicate
12/89	640	260	440	310	440	500	Duplicate
01/90	690	290	450	330	460	440	Duplicate

TABLE D-18

SPECIFIC CONDUCTANCE ANALTYICAL RESULTS (umhos/cm)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
01/90	690	290	450	330	460	440	Duplicate
01/90	690	290	450	330	460	440	Duplicate
01/90	690	290	450	330	460	440	Duplicate
02/90	682	264	528	330	462	506	Duplicate
02/90	682	264	534	341	462	506	Duplicate
02/90	682	264	528	341	462	517	Duplicate
02/90	682	264	528	341	473	517	Duplicate
03/90	670	280	520	340	470	390	Duplicate
03/90	670	280	520	340	470	390	Duplicate
03/90	680	280	520	340	470	390	Duplicate
03/90	680	280	520	340	470	390	Duplicate
12/90	620	290	490	NA	420	300	Duplicate
12/90	620	290	490	NA	430	300	Duplicate
12/90	620	290	490	NA	430	300	Duplicate
12/90	620	290	480	NA	430	300	Duplicate
03/91	580	310	390	310	340	490	
06/91	692	327	433	347	375	443	
09/91	529	317	357	329	365	509	
10/91	488	322	NA	NA	364	511	
12/91	367	320	363	336	500	509	
09/92	560	430	470	450	390	490	

NI - Groundwater monitoring well not installed.

NA - Sample not analyzed.

TABLE D-19

SULFATE ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	1100	8.0	242	7.0	227	NI	
12/85	1650	5	121	12	120	NI	Duplicate
12/85	NA	5	NA	12	NA	NI	Duplicate
12/85	NA	5	NA	12	NA	NI	Duplicate
12/85	NA	5	NA	12	NA	NI	Duplicate
03/86	1000	8	180	1.0	28.8	NI	Duplicate
03/86	NA	8	NA	1.2	NA	NI	Duplicate
03/86	NA	8.7	NA	1.1	NA	NI	Duplicate
03/86	NA	8.8	NA	1.0	NA	NI	Duplicate
06/86	300	5	150	5	200	NI	Duplicate
06/86	NA	5	NA	5	NA	NI	Duplicate
06/86	NA	5	NA	5	NA	NI	Duplicate
06/86	NA	5	NA	5	NA	NI	Duplicate
10/86	310	2.3	190	1.7	140	NI	
01/87	NA	2.2	170	1.6	130	NI	Duplicate
01/87	NA	2.3	160	1.8	140	NI	Duplicate
01/87	NA	2.4	170	1.8	130	NI	Duplicate
01/87	NA	2.4	170	1.9	140	NI	Duplicate
05/87	209	2.4	189	1.0	138	NI	
09/87	173	29	155	4.3	120	NI	
12/87	150	<10	140	3.1	120	NI	
03/88	270	<1.0	310	<1.0	280	NI	
06/88	130	1.3	120	<1.0	120	NI	
10/88	127	4.7	114	3.4	107	NI	
12/88	146	2	160	2	123	NI	Duplicate
12/88	139	2	161	2	135	NI	Duplicate
12/88	146	2	161	2	135	NI	Duplicate
12/88	142	3	163	2	131	NI	Duplicate
03/89	110	14	110	7	110	NI	
07/89	430	8.7	220	7.7	190	170	Duplicate
07/89	420	9.0	220	7.6	180	170	Duplicate
07/89	440	9.2	220	7.6	180	170	Duplicate
07/89	430	9.2	230	7.6	180	170	Duplicate
10/89	250	2.6	140	1.5	97	104	Duplicate
10/89	NA	NA	NA	NA	NA	104	Duplicate
10/89	NA	NA	NA	NA	NA	107	Duplicate
10/89	NA	NA	NA	NA	NA	104	Duplicate
12/89	183	2.8	88	1.7	84	105	Duplicate
12/89	188	2.9	86	1.7	82	104	Duplicate
12/89	188	2.8	87	1.7	82	102	Duplicate
12/89	186	2.8	87	1.7	83	103	Duplicate
01/90	240	2.8	95	1.6	100	77	Duplicate
01/90	240	2.8	95	1.6	100	77	Duplicate
01/90	240	2.8	95	1.6	100	78	Duplicate
01/90	240	2.8	95	1.6	100	78	Duplicate

TABLE D-19

SULFATE ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
02/90	207	3.2	124	1.7	94	101	
03/90	210	2.9	120	1.6	84	63	
06/90	275	4.2	188	<1.0	120	36	
09/90	100	<5	NA	<5	31	34	
12/90	200	5.5	160	NA	87	33	
03/91	190	31	73	4.0	31	130	
06/91	<10	<10	17.9	<10	<10	17.9	
09/91	158	<10	50.6	<10	24.6	152	
10/91	146	<10	NA	NA	26.5	164	
12/91	140	31	60	<10	32	140	
03/92	123	<10	35.5	<10	21.6	123	
06/92	120	<1.0	50	2.0	30	110	
09/92	130	2.8	40	2.5	30	110	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-20

TOTAL ORGANIC CARBON ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	7.1	31.2	1.3	4.9	3.2	NI	
12/85	11.5	4.0	13.3	14.1	5.8	NI	Duplicate
12/85	NA	4.0	NA	14.0	NA	NI	Duplicate
12/85	NA	4.1	NA	14.1	NA	NI	Duplicate
12/85	NA	4.0	NA	14.0	NA	NI	Duplicate
03/86	16	16.4	11.8	12.7	15.6	NI	Duplicate
03/86	NA	16.5	NA	13.1	NA	NI	Duplicate
03/86	NA	16.4	NA	13.1	NA	NI	Duplicate
03/86	NA	16.5	NA	13.0	NA	NI	Duplicate
06/86	<1	<1	<1	<1	<1	NI	Duplicate
06/86	NA	<1	NA	<1	NA	NI	Duplicate
06/86	NA	<1	NA	<1	NA	NI	Duplicate
06/86	NA	<1	NA	<1	NA	NI	Duplicate
01/87	NA	<5.0	<5.0	<5.0	<5.0	NI	Duplicate
01/87	NA	<5.0	<5.0	<5.0	<5.0	NI	Duplicate
01/87	NA	<5.0	<5.0	<5.0	<5.0	NI	Duplicate
01/87	NA	<5.0	<5.0	<5.0	<5.0	NI	Duplicate
09/87	0.041	0.043	0.076	0.016	0.231	NI	Duplicate
09/87	0.071	0.067	0.092	0.047	0.353	NI	Duplicate
09/87	0.005	0.098	0.252	0.231	0.234	NI	Duplicate
09/87	0.037	0.604	0.107	0.076	0.251	NI	Duplicate
03/88	<0.5	<0.5	<0.5	<0.5	1.4	NI	
06/88	<1.0	<1.0	<1.0	<1.0	<1.0	NI	Duplicate
06/88	<1.0	<1.0	<1.0	<1.0	<1.0	NI	Duplicate
06/88	<1.0	<1.0	<1.0	<1.0	<1.0	NI	Duplicate
06/88	<1.0	<1.0	<1.0	<1.0	<1.0	NI	Duplicate
12/88	<2	<2	3	7	3	NI	Duplicate
12/88	17	4	8	3	<2	NI	Duplicate
12/88	<2	3	6	4	<2	NI	Duplicate
12/88	<2	5	6	3	<2	NI	Duplicate
12/89	<10	<10	<10	<10	<10	<10	Duplicate
12/89	<10	<10	<10	<10	<10	<10	Duplicate
12/89	<10	<10	<10	<10	<10	<10	Duplicate
12/89	<10	<10	<10	<10	<10	<10	Duplicate
01/90	<10	<10	<10	<10	<10	<10	Duplicate
01/90	<10	<10	<10	<10	<10	<10	Duplicate
01/90	<10	<10	<10	<10	<10	<10	Duplicate
01/90	<10	<10	<10	<10	<10	<10	Duplicate
02/90	<10	<10	<10	<10	<10	<10	
03/90	<10	<10	<10	<10	<10	<10	Duplicate
03/90	<10	<10	<10	<10	<10	<10	Duplicate
03/90	<10	<10	<10	<10	<10	<10	Duplicate
03/90	<10	<10	<10	<10	<10	<10	Duplicate
06/90	<10	<10	<10	<10	<10	<10	Duplicate
06/90	<10	<10	<10	<10	<10	<10	Duplicate

TABLE D-20

TOTAL ORGANIC CARBON ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
06/90	<10	<10	<10	<10	<10	<10	Duplicate
06/90	<10	<10	<10	<10	<10	<10	Duplicate
12/90	<10	<10	<10	NA	<10	<10	Duplicate
12/90	<10	<10	<10	NA	<10	<10	Duplicate
12/90	<10	<10	<10	NA	<10	<10	Duplicate
12/90	<10	<10	<10	NA	<10	<10	Duplicate
09/92	<1.0	<1.0	<1.0	1.2	1.29	<1.0	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-21

TOTAL ORGANIC HALOGEN ANALTYICAL RESULTS (mg/L)
1985 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
09/85	0.013	<0.005	0.006	<0.005	<0.005	NI	
12/85	0.1	<0.02	0.14	<0.02	<0.02	NI	Duplicate
12/85	NA	<0.02	NA	<0.02	NA	NI	Duplicate
12/85	NA	<0.02	NA	<0.02	NA	NI	Duplicate
12/85	NA	<0.02	NA	<0.02	NA	NI	Duplicate
03/86	<0.005	0.008	0.011	<0.005	0.005	NI	Duplicate
03/86	NA	0.008	NA	0.008	NA	NI	Duplicate
03/86	NA	0.008	NA	<0.005	NA	NI	Duplicate
03/86	NA	0.006	NA	0.009	NA	NI	Duplicate
06/86	0.05	0.03	0.1	0.03	0.01	NI	
01/87	NA	<0.01	0.0138	0.0114	0.0153	NI	Duplicate
01/87	NA	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
01/87	NA	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
01/87	NA	<0.01	0.012	<0.01	<0.01	NI	Duplicate
09/87	<0.008	0.0166	<0.008	<0.008	<0.008	NI	Duplicate
09/87	<0.008	<0.008	0.0166	<0.008	<0.008	NI	Duplicate
09/87	0.0179	<0.008	<0.008	<0.008	<0.008	NI	Duplicate
09/87	<0.008	<0.008	<0.008	<0.008	<0.008	NI	Duplicate
03/88	<0.008	0.008	0.015	<0.008	0.014	NI	
06/88	0.01	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
06/88	<0.01	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
06/88	<0.01	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
06/88	<0.01	<0.01	<0.01	<0.01	<0.01	NI	Duplicate
12/88	0.09	<0.08	<0.08	<0.08	<0.08	NI	Duplicate
12/88	<0.08	<0.08	0.2	<0.08	<0.08	NI	Duplicate
12/88	0.16	<0.08	<0.08	<0.08	<0.08	NI	Duplicate
12/88	<0.08	<0.08	<0.08	<0.08	<0.08	NI	Duplicate
10/89	NA	NA	NA	NA	NA	<0.01	Duplicate
10/89	NA	NA	NA	NA	NA	<0.01	Duplicate
10/89	NA	NA	NA	NA	NA	<0.01	Duplicate
10/89	NA	NA	NA	NA	NA	<0.01	Duplicate
12/89	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	
02/90	0.01	0.27	0.06	0.1	0.05	0.03	Duplicate
02/90	0.01	0.24	0.04	0.09	0.05	0.02	Duplicate
02/90	0.01	0.27	0.06	0.11	0.03	0.07	Duplicate
02/90	0.01	0.28	0.04	0.14	0.06	0.09	Duplicate
03/90	0.12	<0.05	<0.05	<0.05	<0.05	<0.05	Duplicate
03/90	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	Duplicate
03/90	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	Duplicate
03/90	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	Duplicate
06/90	<5	<5	<5	<5	<5	<5	Duplicate
06/90	<5	<5	<5	<5	<5	<5	Duplicate
06/90	<5	<5	<5	<5	<5	<5	Duplicate
06/90	<5	<5	<5	<5	<5	<5	Duplicate
12/90	<10	<10	<10	NA	<10	<10	Duplicate
12/90	<10	<10	<10	NA	<10	<10	Duplicate
12/90	<10	<10	<10	NA	<10	<10	Duplicate
12/90	<10	<10	<10	NA	<10	<10	Duplicate
09/92	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	

NI - Groundwater monitoring well not installed.
NA - Sample not analyzed.

TABLE D-22

ZINC ANALTYICAL RESULTS (mg/L)
1990 THROUGH 1992
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

DATE	GROUNDWATER MONITORING WELL						COMMENT
	Y-2	Y-3	Y-4	Y-5	Y-6	Y-8	
12/90	0.21	<0.01	0.05	NA	0.04	0.07	
03/91	0.32	0.02	0.08	0.02	0.03	0.04	
06/91	0.06	<0.05	<0.05	<0.05	<0.05	<0.05	Duplicate
06/91	0.06	<0.05	<0.05	<0.05	<0.05	<0.05	Duplicate
06/91	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	Duplicate
06/91	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	Duplicate
09/91	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
10/91	0.06	0.05	NA	NA	<0.05	<0.05	
12/91	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
03/92	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
06/92	0.026	0.013	0.017	0.023	0.032	0.019	
09/92	0.031	0.015	<0.02	0.036	0.021	0.021	

NA - Sample not analyzed.

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY

BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
WATER QUALITY PARAMETERS													
Alkalinity - Bicarbonate													
4/93	--	100	130	--	--	--	100	140	130	120	--	--	--
6/93	--	--	140	--	--	--	--	130	130	140	150	120	--
8/93	--	--	150	--	--	--	--	130	140	150	96	110	--
10/93	--	--	140	--	--	--	--	120	130	130	88	110	--
12/93	--	--	140	--	--	--	--	130	130	130	96	100	--
3/94	--	--	140	--	--	--	--	120	130	130	90	110	--
6/94	--	--	140	--	--	160	--	120	130	130	92	110	--
9/94	--	--	150	--	--	140	--	120	140	130	94	110	85
12/94	--	--	140	--	--	160	--	120	130	130	90	110	78
3/95	--	--	150	--	--	400	--	120	130	130	93	110	83
6/95	--	--	140	--	--	--	--	--	--	--	--	--	77
9/95[a]	--	--	140	--	--	140	--	110	130	130	86	110	80
6/96[a]	--	--	156	--	--	152	--	117	--	--	94	110	91.0
12/96[a]	--	--	150	--	--	160	--	110	--	--	92	120	84
9/97[a]	150	--	--	120	120	--	--	--	--	--	--	--	--
9/99[a]	--	--	140	--	--	136	--	92	--	--	86	109	98
9/02[a]	--	--	120	--	--	120	--	84	--	--	96	110	100
9/05[a]	--	--	140	--	--	120	--	90	--	--	92	110	100
Alkalinity - Carbonate													
4/93	--	<5.0	<5.0	--	--	--	<5.0	<5.0	<5.0	<5.0	--	--	--
6/93	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
8/93	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
10/93	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
12/93	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
3/94	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
6/94	--	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
9/94	--	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/94	--	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/95	--	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/95	--	--	<5.0	--	--	--	--	--	--	--	--	--	<5.0
Alkalinity - Hydroxide													
4/93	--	<5.0	<5.0	--	--	--	<5.0	<5.0	<5.0	<5.0	--	--	--
6/93	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
8/93	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
10/93	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
12/93	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
3/94	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
6/94	--	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	--
9/94	--	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/94	--	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/95	--	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/95	--	--	<5.0	--	--	--	--	--	--	--	--	--	<5.0
Chloride													
4/93	--	13	14	--	--	--	16	16	15	22	--	--	--
6/93	--	--	16	--	--	--	--	13	13	16	26	18	--
8/93	--	--	11	--	--	--	--	11	12	14	12	13	--
10/93	--	--	12	--	--	--	--	11	12	14	11	14	--
12/93	--	--	11	--	--	--	--	11	11	14	10	12	--
3/94	--	--	12	--	--	--	--	11	12	14	11	14	--
6/94	--	--	12	--	--	14	--	13	11	11	12	14	--
9/94	--	--	13	--	--	14	--	12	13	16	12	14	9.1
12/94	--	--	12	--	--	13	--	11	11	14	10	13	8.3
3/95	--	--	13	--	--	16	--	13	13	15	12	13	8.6
6/95	--	--	12	--	--	--	--	--	--	--	--	--	9.1
Hardness													
4/93	--	190	100	--	--	--	190	110	100	110	--	--	--
6/93	--	--	110	--	--	--	--	120	110	110	190	170	--

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
Hardness (Cont.)													
8/93	--	--	100	--	--	--	--	110	100	100	180	160	--
10/93	--	--	109	--	--	--	--	129	111	103	199	176	--
12/93	--	--	112	--	--	--	--	133	113	110	205	202	--
3/94	--	--	116	--	--	--	--	134	114	115	214	176	--
6/94	--	--	104	--	--	127	--	141	118	118	212	168	--
9/94	--	--	106	--	--	124	--	140	112	108	210	199	109
12/94	--	--	99.4	--	--	113	--	131	103	102	196	170	102
3/95	--	--	105	--	--	127	--	137	109	107	208	192	104
6/95	--	--	103	--	--	--	--	--	--	--	--	--	99.0
9/95	--	--	99.0	--	--	152	--	135	98.4	106	195	164	98.2
6/96	--	--	110	--	--	150	--	150	--	--	220	210	120
12/96	--	--	107	--	--	140	--	170	--	--	220	190	110
9/97	119	--	92	87.7	102	105	--	94.5	--	--	166	140	79.2
9/98	--	--	208	--	--	180	--	236	--	--	232	180	144
9/99[b]	--	--	113	--	--	127	--	233	--	--	219	182	147
8/00	--	--	110	--	--	126	--	235	--	--	220	162	136
9/01	--	--	100	--	--	110	--	210	--	--	170	140	130
9/02	--	--	120	--	--	110	--	170	--	--	170	150	140
9/03	--	--	120	--	--	120	--	220	--	--	160	160	170
9/04	--	--	100	--	--	110	--	160	--	--	120	110	160
9/05	--	--	110	--	--	100	--	220	--	--	160	120	160
9/06	--	--	100	--	--	110	--	200	--	--	130	130	150
pH (units)													
4/93	--	7.8	7.8	--	--	--	7.9	8.2	7.9	8.0	--	--	--
6/93	--	--	8.2	--	--	--	--	7.8	8.2	8.0	8.0	7.8	--
8/93	--	--	8.2	--	--	--	--	8.2	8.1	8.2	8.1	8.0	--
10/93	--	--	7.8	--	--	--	--	8.1	8.1	8.1	7.9	7.8	--
12/93	--	--	8.0	--	--	--	--	8.0	8.0	8.1	8.0	7.9	--
3/94	--	--	7.8	--	--	--	--	8.0	8.2	8.2	8.0	8.0	--
6/94	--	--	8.2	--	--	8.0	--	8.0	8.2	8.1	7.8	8.0	--
9/94	--	--	7.8	--	--	7.6	--	7.5	7.6	7.6	7.9	7.8	8.0
12/94	--	--	8.2	--	--	8.0	--	7.8	8.0	8.1	7.6	7.6	7.8
3/95	--	--	8.0	--	--	8.4	--	8.4	8.3	8.4	8.0	8.0	8.0
6/95	--	--	7.9	--	--	--	--	--	--	--	--	--	7.8
9/95	--	--	7.26	--	--	7.23	--	7.18	7.4	7.34	7.38	7.14	7.27
6/96	--	--	8.0	--	--	8.0	--	7.9	--	--	7.9	7.9	7.8
12/96	--	--	8.2	--	--	8.0	--	8.2	--	--	7.9	7.9	7.7
Specific Conductance (umhos/cm)													
4/93	--	520	350	--	--	--	240	370	340	360	--	--	--
6/93	--	--	340	--	--	--	--	330	320	310	517	450	--
8/93	--	--	330	--	--	--	--	330	310	310	530	440	--
10/93	--	--	320	--	--	--	--	320	300	310	500	440	--
12/93	--	--	320	--	--	--	--	330	300	300	500	460	--
3/94	--	--	310	--	--	--	--	330	300	300	510	410	--
6/94	--	--	320	--	--	330	--	350	310	310	520	410	--
9/94	--	--	330	--	--	320	--	370	310	300	530	480	320
12/94	--	--	330	--	--	320	--	360	310	320	540	460	320
3/95	--	--	320	--	--	340	--	360	300	300	530	470	310
6/95	--	--	320	--	--	--	--	--	--	--	--	--	300
9/95	--	--	301	--	--	308	--	374	297	297	518	440	308
6/96	--	--	320	--	--	320	--	390	--	--	530	500	330
12/96	--	--	322	--	--	310	--	420	--	--	550	440	320
9/97	337	--	324	272	387	332	--	494	--	--	543	481	343
9/98	--	--	305	--	--	327	--	545	--	--	515	436	345
9/99	--	--	324	--	--	312	--	543	--	--	549	414	367
8/00	--	--	316	--	--	307	--	548	--	--	535	398	367
9/01	--	--	330	--	--	290	--	530	--	--	460	360	370
9/02	--	--	320	--	--	290	--	500	--	--	460	380	400
9/03	--	--	310	--	--	290	--	510	--	--	390	370	410
9/04	--	--	320	--	--	300	--	520	--	--	410	370	440

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY

BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
Specific Conductance (umhos/cm) (Cont.)													
9/05	--	--	310	--	--	290	--	550	--	--	430	350	430
9/06	--	--	320	--	--	290	--	540	--	--	390	330	450
Sulfate													
4/93	--	120	2.6	--	--	--	120	5.4	2.4	6.8	--	--	--
6/93	--	--	1.8	--	--	--	--	10	2.3	5.4	140	75	--
8/93	--	--	1.8	--	--	--	--	18	2.1	2.8	150	80	--
10/93	--	--	1.9	--	--	--	--	25	2.3	2.9	150	92	--
12/93	--	--	1.8	--	--	--	--	28	2.0	2.9	150	110	--
3/94	--	--	1.8	--	--	--	--	29	2.0	2.6	150	73	--
6/94	--	--	2.2	--	--	8.9	--	32	2.1	2.8	170	71	--
9/94	--	--	2.0	--	--	8.5	--	10	2.1	2.7	170	120	57
12/94	--	--	1.9	--	--	8.9	--	42	2.1	2.7	170	110	61
3/95	--	--	1.9	--	--	8.9	--	43	2.2	2.6	160	110	58
6/95	--	--	1.7	--	--	--	--	--	--	--	--	--	52
9/95	--	--	1.96	--	--	10.4	--	60.2	2.18	2.7	155	96	54.7
6/96	--	--	2	--	--	9.7	--	63	--	--	166	106	53.3
12/96	--	--	2.36	--	--	10.2	--	77.4	--	--	154	84.6	48.1
9/97	1.76	--	1.96	9.60	30.6	9.48	--	120	--	--	162	110	48.8
9/98	--	--	2 U	--	--	61	--	153	--	--	160	74	46
9/99	--	--	1.9	--	--	8.7	--	150	--	--	150	71	42
8/00	--	--	2.0	--	--	9.9	--	170	--	--	170	59	46
9/01	--	--	1.8	--	--	6.3	--	130	--	--	98	37	36
9/02	--	--	2.0	--	--	7.8	--	140	--	--	120	55	52
9/03	--	--	2.4	--	--	7.8	--	150	--	--	80	52	54
9/04	--	--	1.8	--	--	6.7	--	140	--	--	83	40	51
9/05	--	--	1.8	--	--	6.9	--	150	--	--	95	32	56
9/06	--	--	3.5 U	--	--	5.9 U	--	160	--	--	75	39	41
Total Dissolved Solids													
12/96	--	--	204	--	--	210	--	278	--	--	380	309	220
9/97	209	--	204	239	250	231	--	364	--	--	440	363	263
9/98	--	--	202	--	--	216	--	390	--	--	384	304	240
9/99	--	--	170	--	--	205	--	256	--	--	380	285	260
8/00	--	--	177	--	--	183	--	357	--	--	350	253	233
9/01	--	--	190	--	--	190	--	370	--	--	320	240	250
9/02	--	--	140	--	--	120	--	280	--	--	280	210	220
9/03	--	--	190	--	--	190	--	370	--	--	290	260	290
9/04	--	--	180	--	--	190	--	350	--	--	280	260	290
9/05	--	--	190	--	--	190	--	460	--	--	290	220	280
9/06	--	--	198	--	--	194	--	386	--	--	280	242	298
ORGANIC CONSTITUENTS													
Acetone													
4/93	--	<0.100	<0.100	--	--	--	<0.100	<0.100	<0.100	<0.100	--	--	--
6/93	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
8/93	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
10/93	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
12/93	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
3/94	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
6/94	--	--	<0.100	--	--	<0.100	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
9/94	--	--	<0.100	--	--	<0.100	--	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
12/94	--	--	<0.100	--	--	<0.100	--	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
3/95	--	--	<0.10	--	--	<0.10	--	--	--	--	--	--	<0.10
6/95	--	--	<0.10	--	--	--	--	--	--	--	--	--	<0.10
9/95	--	--	<0.10	--	--	<0.10	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
MEK (2-Butanone)													
4/93	--	<0.100	<0.100	--	--	--	<0.100	<0.100	<0.100	<0.100	--	--	--
6/93	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
8/93	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
10/93	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
12/93	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
MEK (2-Butanone) (Cont.)													
3/94	--	--	<0.100	--	--	--	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
6/94	--	--	<0.100	--	--	<0.100	--	<0.100	<0.100	<0.100	<0.100	<0.100	--
9/94	--	--	<0.100	--	--	<0.100	--	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
12/94	--	--	<0.100	--	--	<0.100	--	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
3/95	--	--	<0.10	--	--	<0.10	--	--	--	--	--	--	<0.10
6/95	--	--	<0.10	--	--	--	--	--	--	--	--	--	<0.10
9/95	--	--	<0.10	--	--	<0.10	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Other Volatile Organic Compounds													
4/93	--	--	--	--	--	--	--	--	--	--	--	--	--
6/93	--	--	--	--	--	--	--	--	--	--	--	--	--
8/93	--	--	--	--	--	--	--	--	--	--	--	--	--
10/93	--	--	<0.00050[c]	--	--	--	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	--
12/93	--	--	<0.00050	--	--	--	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	--
3/94	--	--	<0.00050	--	--	--	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	--
6/94	--	--	<0.00050	--	--	0.0022[d]	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	--
9/94	--	--	<0.00050	--	--	<0.00050	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
12/94	--	--	<0.00050	--	--	<0.00050	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
3/95	--	--	<0.00050	--	--	<0.00050	--	--	--	--	--	--	<0.00050
6/95	--	--	<0.00050	--	--	--	--	--	--	--	--	--	<0.00050
9/95[e]	--	--	0.001 U	--	--	0.0018 U	--	0.0012 U	<0.00050	<0.00050	<0.00050	0.0024 U	0.0017 U
12/96	--	--	<0.00050	--	--	<0.00050	--	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Organic Bromide													
4/93	--	<0.010	<0.010	--	--	--	<0.010	<0.010	<0.010	<0.010	--	--	--
6/93	--	--	<0.010	--	--	--	--	<0.010	<0.010	<0.010	<0.010	<0.010	--
8/93	--	--	<0.010	--	--	--	--	<0.010	<0.010	<0.010	<0.010	<0.010	--
Organic Chloride													
4/93	--	<0.010	<0.010	--	--	--	0.020	0.030	<0.010	<0.010	--	--	--
6/93	--	--	0.020	--	--	--	--	0.050	<0.010	<0.010	0.050	<0.010	--
8/93	--	--	<0.010	--	--	--	--	<0.010	<0.010	<0.010	<0.010	<0.010	--
Organic Iodide													
4/93	--	<0.010	<0.010	--	--	--	<0.010	<0.010	<0.010	<0.010	--	--	--
6/93	--	--	<0.010	--	--	--	--	<0.010	<0.010	<0.010	<0.010	<0.010	--
8/93	--	--	<0.010	--	--	--	--	<0.010	<0.010	<0.010	<0.010	<0.010	--
Phenols													
4/93	--	<0.050	<0.050	--	--	--	<0.050	<0.050	<0.050	<0.050	--	--	--
6/93	--	--	<0.0010	--	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	--
8/93	--	--	<0.0010	--	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	--
10/93	--	--	<0.0010	--	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	--
12/93	--	--	<0.0010	--	--	--	--	<0.0010	0.004	<0.0010	<0.0010	<0.0010	--
3/94	--	--	<0.001	--	--	--	--	<0.001	<0.001	<0.001	<0.001	<0.001	--
6/94	--	--	<0.001	--	--	<0.001	--	<0.001	<0.001	0.001	<0.001	<0.001	--
9/94	--	--	<0.001	--	--	<0.001	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/94	--	--	<0.001	--	--	<0.001	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/95	--	--	0.008 U	--	--	0.008 U	--	--	--	--	--	--	0.011 U
6/95	--	--	<0.001	--	--	--	--	--	--	--	--	--	<0.001
9/95	--	--	<0.05	--	--	<0.05	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
12/96	--	--	<0.05	--	--	<0.05	--	<0.05	--	--	<0.05	<0.05	<0.05
Total Organic Carbon													
4/93	--	<1.0	<1.0	--	--	--	<1.0	1.0	1.0	1.3	--	--	--
6/93	--	--	1.9	--	--	--	--	<1.0	1.3	<1.0	<1.0	<1.0	--
8/93	--	--	<1.0	--	--	--	--	<1.0	<1.0	<1.0	<1.0	1.0	--
METALS													
Antimony													
4/93	--	<0.0050	<0.0050	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--
6/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
8/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
10/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY

BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
Antimony (Cont.)													
12/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
3/94	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
6/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
9/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/95	--	--	<0.0050	--	--	<0.0050	--	--	<0.0050	<0.0050	--	--	<0.0050
6/95	--	--	<0.0050	--	--	--	--	--	--	--	--	--	<0.0050
9/95	--	--	<0.005	--	--	<0.005	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/96	--	--	<0.005	--	--	<0.005	--	<0.005	--	--	<0.005	<0.005	<0.005
9/97	<0.0001	--	--	0.0006	0.0003	--	--	--	--	--	--	--	--
9/99	--	--	0.00028	--	--	0.0015	--	0.0002	--	--	0.0002	0.0002	0.0002
9/02	--	--	<0.00100	--	--	<0.00100	--	<0.00100	--	--	<0.00100	<0.00100	<0.00100
9/05	--	--	<0.00100	--	--	<0.00100	--	<0.00100	--	--	<0.00100	<0.00100	<0.00100
Arsenic													
4/93	--	<0.0050	<0.0050	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--
6/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
8/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
10/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
12/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
3/94	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
6/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
9/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/95	--	--	<0.0050	--	--	<0.0050	--	--	<0.0050	<0.0050	--	--	<0.0050
6/95	--	--	<0.0050	--	--	--	--	--	--	--	--	--	<0.0050
9/95	--	--	<0.005 UJ	--	--	<0.005	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/96	--	--	<0.005	--	--	<0.005	--	<0.005	--	--	<0.005	<0.005	<0.005
9/97	<0.0007	--	--	0.0008	0.0009	--	--	--	--	--	--	--	--
9/99	--	--	0.00095	--	--	0.0006	--	0.0012	--	--	0.001	0.0011	0.0007
9/02	--	--	<0.00100	--	--	<0.00100	--	<0.00100	--	--	<0.00100	<0.00100	<0.00100
9/05	--	--	0.00104	--	--	0.00174 J	--	0.00106	--	--	0.00142	0.00114	<0.00100
Barium													
4/93	--	<0.050	<0.050	--	--	--	<0.050	<0.050	<0.050	<0.050	--	--	--
6/93	--	--	0.055	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
8/93	--	--	0.051	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
10/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
12/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
3/94	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
6/94	--	--	0.051	--	--	<0.050	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
9/94	--	--	0.046	--	--	0.026	--	0.020	0.025	0.030	0.026	0.035	<0.010
12/94	--	--	0.046	--	--	0.025	--	0.020	0.025	0.033	0.027	0.034	0.015
3/95	--	--	0.048	--	--	0.024	--	0.023	0.026	0.034	0.029	0.037	0.012
6/95	--	--	0.049	--	--	--	--	--	--	--	--	--	0.019
9/95	--	--	0.0454	--	--	0.102	--	0.026	0.0271	0.0349	0.0277	0.0343	0.0187
6/96	--	--	0.05	--	--	0.03	--	0.03	--	--	0.04	0.04	0.02
12/96	--	--	0.0436	--	--	0.0248	--	0.0375	--	--	0.0378	0.0367	0.0259
9/97	0.036	--	--	0.0261	0.04	--	--	--	--	--	--	--	--
9/99	--	--	0.048	--	--	0.032	--	0.057	--	--	0.043	0.040	0.032
9/02	--	--	0.0569	--	--	0.0322	--	0.0715	--	--	0.0399	0.0419	0.0395
9/05	--	--	0.0452	--	--	0.0311	--	0.0614	--	--	0.0358	0.0313	0.0417
Beryllium													
3/94	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
6/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
9/94	--	--	<0.0010	--	--	<0.0010	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
12/94	--	--	<0.0010	--	--	<0.0010	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
3/95	--	--	<0.0010	--	--	<0.0010	--	--	<0.0010	<0.0010	--	--	<0.0010
6/95	--	--	<0.0010	--	--	--	--	--	--	--	--	--	<0.0010
9/95	--	--	<0.001	--	--	<0.001	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/96	--	--	<0.001	--	--	<0.001	--	<0.001	--	--	<0.001	<0.001	<0.001

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY

BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
Cadmium													
9/95	--	--	<0.005	--	--	<0.005	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/96	--	--	<0.005	--	--	<0.005	--	<0.005	--	--	<0.005	<0.005	<0.005
9/99	--	--	<0.0001	--	--	<0.0001	--	<0.0001	--	--	<0.0001	<0.0001	<0.0001
Calcium													
4/93	--	58	28	--	--	--	60	31	29	32	--	--	--
6/93	--	--	30	--	--	--	--	35	31	32	59	51	--
8/93	--	--	32	--	--	--	--	40	33	34	65	56	--
10/93	--	--	30	--	--	--	--	39	32	30	62	55	--
12/93	--	--	31	--	--	--	--	40	33	32	65	63	--
3/94	--	--	31	--	--	--	--	39	32	33	66	54	--
6/94	--	--	28	--	--	39	--	41	33	34	67	51	--
9/94	--	--	30	--	--	38	--	43	33	33	67	63	34
12/94	--	--	28	--	--	35	--	40	30	30	62	53	32
3/95	--	--	30	--	--	39	--	42	32	32	67	60	32
6/95	--	--	29	--	--	--	--	--	--	--	--	--	30
9/95	--	--	28.7 J	--	--	35.4	--	42.0	32.0	31.0	67.6	53.2	32.9
6/96	--	--	31	--	--	39	--	48	--	--	68	56	35
12/96	--	--	30.5	--	--	37.4	--	52.1	--	--	70.6	55.3	34.4
9/97	39	--	--	36	44	--	--	--	--	--	--	--	--
9/99	--	--	31.2	--	--	38	--	72	--	--	72	51	41
9/02	--	--	31.0	--	--	35.2	--	51.8	--	--	58.2	48.3	44.6
9/05	--	--	19.4	--	--	23.7	--	74.2	--	--	52.4	44.4	30.6
Chromium, Total													
4/93	--	(0.050)	(0.050)	--	--	--	(0.050)	(0.050)	(0.050)	(0.050)	--	--	--
6/93	--	--	(0.050)	--	--	--	--	(0.050)	(0.050)	(0.050)	(0.050)	(0.050)	--
8/93	--	--	0.005	--	--	--	--	<0.0050	<0.0050	0.005	0.011	0.010	--
10/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	0.013	0.013	--
12/93	--	--	<0.0050	--	--	--	--	0.0078	<0.0050	<0.0050	0.014	0.011	--
3/94	--	--	0.056	--	--	--	--	0.024	<0.0050	0.0063	0.044	0.018	--
6/94	--	--	<0.0050	--	--	0.013	--	0.0090	0.0050	0.0060	0.062	0.0090	--
9/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	0.0051 U	<0.0050	0.017 U	0.016 U	0.0063 U
12/94	--	--	<0.0050	--	--	0.0062	--	0.013	0.010	0.0084	0.015	0.017	0.013
3/95	--	--	<0.0050	--	--	<0.0050	--	0.023	0.012	0.012	0.034	0.030	0.012
6/95	--	--	<0.0050	--	--	--	--	--	--	--	--	--	<0.0050
9/95	--	--	(0.005)	--	--	0.00752 J	--	0.0114 J	(0.005)	0.005 J	0.0181 J	0.0132 J	0.00599 J
6/96	--	--	0.005	--	--	0.007	--	0.011	--	--	0.01	0.011	0.006
12/96	--	--	0.008	--	--	0.009	--	0.014	--	--	0.016	0.013	0.008
9/97	0.0044	--	0.0052	0.0086	0.01	0.0074	--	0.0142	--	--	0.0151	0.0135	0.0058
9/98	--	--	0.005	--	--	0.004	--	0.016	--	--	0.016	0.012	0.007
9/99	--	--	0.0066	--	--	0.0087	--	0.0149	--	--	0.0145	0.0106	0.0077
8/00	--	--	0.00462	--	--	0.00517	--	0.0145	--	--	0.0136	0.00964	0.00524
9/01	--	--	0.00565 U	--	--	0.00747	--	0.0146	--	--	0.0132	0.00822	0.00645
9/02	--	--	0.00354	--	--	0.00874	--	0.0135	--	--	0.0123	0.0102	0.00665
9/03	--	--	0.00336	--	--	0.00668	--	0.0151	--	--	0.0116	0.00953	0.00725
9/04	--	--	0.00318	--	--	0.0123	--	0.0156	--	--	0.0141	0.0144	0.00803
9/05	--	--	0.00182	--	--	0.0314	--	0.0117	--	--	0.00985	0.00721	0.00517
9/06	--	--	0.00356	--	--	0.00828	--	0.0228	--	--	0.0129	0.0228	0.0122
Chromium, Hexavalent													
4/93	--	0.017	(0.010)	--	--	--	0.015	(0.010)	(0.010)	(0.010)	--	--	--
6/93	--	--	(0.020)	--	--	--	--	0.013	0.010	0.014	0.01	0.029	--
8/93	--	--	0.0036	--	--	--	--	0.0058	0.0041	0.0039	0.012	0.012	--
10/93	--	--	0.0038	--	--	--	--	0.0084	0.0046	0.0056	0.015	0.014	--
12/93	--	--	0.0038	--	--	--	--	0.008	0.0044	0.0046	0.013	0.014	--
3/94	--	--	0.0035	--	--	--	--	0.0082	0.0037	0.0040	0.012	0.010	--
6/94	--	--	0.0037	--	--	(0.0001)	--	0.0070	0.0043	0.0045	0.011	0.0069	--
9/94	--	--	0.0034	--	--	0.0018	--	0.0096	0.0037	0.0039	0.013	0.013	0.0046
12/94	--	--	0.0035	--	--	0.0029	--	0.0091	0.0039	0.0042	0.0146	0.0125	0.0049
3/95	--	--	0.0036 U	--	--	(0.0001)	--	0.0087	0.0040 U	0.0040 U	0.013	0.012	0.0048 U
6/95	--	--	0.0037	--	--	--	--	--	--	--	--	--	
9/95	--	--	0.0032	--	--	0.0047	--	0.0092	0.0037	0.0039	0.015	0.0097	0.0049

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY

BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
Chromium, Hexavalent (Cont.)													
6/96	--	--	0.0037 U	--	--	0.0062 U	--	0.0087 U	--	--	0.0143 U	0.0110 U	0.0055 U
12/96	--	--	0.00271 J	--	--	0.00442 J	--	0.00876	--	--	0.0118	0.00681	0.00441
9/97	0.00418	--	0.00339	0.00768	0.00867	0.00597	--	0.0137	--	--	0.0144	0.0126	0.00557
9/98	--	--	0.00376	--	--	0.00723	--	0.0150	--	--	0.0142	0.0116	0.00622
9/99	--	--	0.00332	--	--	0.00668	--	0.0126	--	--	0.0122	0.00847	0.00635
8/00	--	--	0.00359	--	--	0.00323	--	0.0158	--	--	0.0132	0.0123	0.00457
9/01	--	--	0.00252	--	--	0.00609	--	0.0138	--	--	0.0107	0.00714	0.00565
9/02	--	--	0.00274	--	--	0.00643	--	0.0140	--	--	0.0115	0.00825	0.0063 J
9/03	--	--	0.0027	--	--	0.0066	--	0.014	--	--	0.0094	0.0083	0.0056
9/04	--	--	0.0025	--	--	0.0062	--	0.013	--	--	0.0093	0.0072	0.0056
9/05	--	--	0.0026	--	--	0.0059	--	0.010	--	--	0.013	0.0067	0.0055
9/06	--	--	0.0031	--	--	0.0055	--	0.013	--	--	0.0094	0.0069	0.0056
Cobalt													
3/94	--	--	(0.10)	--	--	--	--	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	--
6/94	--	--	(0.10)	--	--	(0.10)	--	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	--
9/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/95	--	--	<0.0050	--	--	<0.0050	--	--	<0.0050	<0.0050	--	--	<0.0050
6/95	--	--	<0.0050	--	--	--	--	--	--	--	--	--	<0.0050
9/95	--	--	<0.005	--	--	<0.005	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/96	--	--	<0.005	--	--	<0.005	--	<0.005	--	--	<0.005	<0.005	<0.005
Copper													
4/93	--	<0.050	<0.050	--	--	--	<0.050	<0.050	<0.050	0.19	--	--	--
6/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
8/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
10/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
12/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
3/94	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
6/94	--	--	<0.010	--	--	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010	--
9/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/94	--	--	0.057	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/95	--	--	<0.0050	--	--	<0.0050	--	--	<0.0050	<0.0050	--	--	<0.0050
6/95	--	--	<0.0050	--	--	--	--	--	--	--	--	--	<0.0050
9/95	--	--	<0.005	--	--	<0.005	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/96	--	--	<0.005	--	--	0.005U	--	<0.005	--	--	<0.005	<0.005	<0.005
12/96	--	--	<0.005	--	--	<0.005	--	<0.005	--	--	<0.005	<0.005	<0.005
9/97	0.0007U	--	--	0.0006U	0.0008U	--	--	--	--	--	--	--	--
9/99	--	--	0.0012J	--	--	0.0053J	--	0.0007J	--	--	0.0009J	0.0006J	0.0006J
8/00	--	--	--	--	--	0.00736	--	--	--	--	--	--	--
9/01	--	--	--	--	--	0.00158	--	--	--	--	--	--	--
9/02	--	--	<0.00500	--	--	<0.00500	--	<0.00500	--	--	<0.00500	<0.00500	<0.00500
9/05	--	--	<0.00100	--	--	0.00187U	--	0.00111U	--	--	<0.00100	<0.00100	0.00107U
Iron													
4/93	--	<0.30	<0.30	--	--	--	<0.30	<0.30	<0.30	<0.30	--	--	--
6/93	--	--	<0.30	--	--	--	--	<0.30	<0.30	<0.30	<0.30	<0.30	--
8/93	--	--	<0.30	--	--	--	--	<0.30	<0.30	<0.30	<0.30	<0.30	--
10/93	--	--	<0.30	--	--	--	--	<0.30	<0.30	<0.30	<0.30	<0.30	--
12/93	--	--	<0.30	--	--	--	--	<0.30	<0.30	<0.30	<0.30	<0.30	--
3/94	--	--	0.39	--	--	--	--	0.66	0.36	0.36	0.34	0.43	--
6/94	--	--	<0.30	--	--	<0.30	--	<0.30	<0.30	<0.30	0.35	<0.30	--
9/94	--	--	<0.20	--	--	<0.20	--	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
12/94	--	--	<0.20	--	--	<0.20	--	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
3/95	--	--	<0.20	--	--	<0.20	--	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
6/95	--	--	<0.20	--	--	--	--	--	--	--	--	--	<0.20
9/95	--	--	<0.04	--	--	0.744 U	--	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
6/96	--	--	<0.2	--	--	0.2	--	0.2	--	--	0.3	0.2	(0.2)
12/96	--	--	<0.2	--	--	<0.2	--	<0.2	--	--	<0.2	<0.2	<0.2

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY

BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
Lead													
4/93	--	<0.0010	<0.0010	--	--	--	0.0011	0.0011	<0.0010	0.0048	--	--	--
6/93	--	--	<0.0010	--	--	--	--	<0.0010	0.0013	0.0012	<0.0010	<0.0010	--
8/93	--	--	0.0060	--	--	--	--	<0.0010	<0.0010	<0.0010	0.0030	<0.0010	--
10/93	--	--	0.0031	--	--	--	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	--
12/93	--	--	<0.0030	--	--	--	--	<0.0030	<0.0030	<0.0030	0.0049	<0.0030	--
3/94	--	--	<0.0030	--	--	--	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	--
6/94	--	--	<0.0030	--	--	<0.0030	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	--
9/94	--	--	<0.0030	--	--	0.0035U	--	<0.0030	<0.0030	<0.0030	<0.0030	0.0040U	0.0039U
12/94	--	--	<0.0030	--	--	0.0067	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030
3/95	--	--	0.0037 U	--	--	<0.0030	--	0.0037	0.0041	0.0044	<0.0030	0.0058	0.0040
6/95	--	--	0.0041	--	--	--	--	--	--	--	--	--	<0.0030
9/95	--	--	0.130 U	--	--	0.0056 U	--	<0.003	0.0036 U	<0.003	0.0032 U	<0.003	<0.003
6/96	--	--	<0.003	--	--	<0.003	--	<0.003	--	--	<0.003	<0.003	<0.003
12/96	--	--	<0.003	--	--	<0.003	--	<0.003	--	--	<0.003	<0.003	<0.003
9/97	<0.0003	--	--	<0.0003	<0.0003	--	--	--	--	--	--	--	--
9/99	--	--	<0.0001	--	--	<0.0001	--	<0.0001	--	--	<0.0001	<0.0001	<0.0001
9/02	--	--	<0.00100	--	--	<0.00100	--	<0.00100	--	--	<0.00100	<0.00100	<0.00100
9/05	--	--	<0.00100	--	--	<0.00100	--	<0.00100	--	--	<0.00100	<0.00100	<0.00100
Magnesium													
4/93	--	11	7.8	--	--	--	10	8.1	7.7	7.6	--	--	--
6/93	--	--	8.6	--	--	--	--	8.7	8.2	7.2	11	9.5	--
8/93	--	--	8.6	--	--	--	--	7.7	7.9	7.1	11	9.5	--
10/93	--	--	8.1	--	--	--	--	7.6	7.6	6.6	11	9.7	--
12/93	--	--	8.4	--	--	--	--	7.9	7.7	7.1	11	11	--
3/94	--	--	9.4	--	--	--	--	8.7	8.4	8.0	12	10	--
6/94	--	--	7.9	--	--	7.5	--	9.3	8.6	7.9	11	9.8	--
9/94	--	--	7.5	--	--	6.7	--	7.9	7.2	6.6	10	10	6.0
12/94	--	--	7.3	--	--	6.3	--	7.6	6.9	6.4	9.7	9.0	5.7
3/95	--	--	7.6	--	--	7.0	--	8.0	7.3	6.7	10	10	5.9
6/95	--	--	7.5	--	--	--	--	--	--	--	--	--	5.7
9/95	--	--	8.15 J	--	--	6.62	--	8.42	7.73	6.85	11.1	9.35	6.62
6/96	--	--	9.0	--	--	7.3	--	9.9	--	--	11.5	10.5	7.3
12/96	--	--	9.92	--	--	7.85	--	9.35	--	--	11	10.2	8.89
9/97	7.7	--	--	5.2	8.3	--	--	--	--	--	--	--	--
9/99	--	--	9.3	--	--	7.1	--	13.9	--	--	11.3	8.8	8.4
9/02	--	--	8.92	--	--	6.21	--	11.8	--	--	10.1	8.63	9.41
9/05	--	--	6.84	--	--	4.45	--	17.0	--	--	10.3	8.59	7.84
Manganese													
4/93	--	<0.020	<0.020	--	--	--	<0.020	0.046	<0.020	<0.020	--	--	--
6/93	--	--	<0.020	--	--	--	--	0.025	<0.020	<0.020	0.087	0.035	--
8/93	--	--	<0.020	--	--	--	--	<0.020	<0.020	<0.020	<0.020	<0.020	--
10/93	--	--	<0.020	--	--	--	--	<0.020	<0.020	<0.020	<0.020	<0.020	--
12/93	--	--	<0.020	--	--	--	--	<0.020	<0.020	<0.020	<0.020	<0.020	--
3/94	--	--	<0.020	--	--	--	--	<0.020	<0.020	<0.020	<0.020	<0.020	--
6/94	--	--	<0.020	--	--	0.13	--	<0.020	<0.020	<0.020	<0.020	<0.020	--
9/94	--	--	<0.0050	--	--	0.13	--	<0.0050	<0.0050	<0.0050	<0.0050	0.018	0.041
12/94	--	--	<0.0050	--	--	0.075	--	<0.0050	<0.0050	<0.0050	<0.0050	0.0078	<0.0050
3/95	--	--	<0.0050	--	--	0.074	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
6/95	--	--	<0.0050	--	--	--	--	--	--	--	--	--	<0.0050
9/95	--	--	<0.005	--	--	0.0221	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/96	--	--	<0.005	--	--	0.009	--	<0.005	--	--	<0.005	<0.005	0.0009
12/96	--	--	<0.005	--	--	0.0075	--	<0.005	--	--	<0.005	<0.005	<0.005
Mercury													
4/93	--	<0.00040	<0.00040	--	--	--	<0.00040	<0.00040	<0.00040	<0.00040	--	--	--
6/93	--	--	<0.00040	--	--	--	--	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	--
8/93	--	--	<0.00020	--	--	--	--	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	--
10/93	--	--	<0.00020	--	--	--	--	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	--
12/93	--	--	<0.00020	--	--	--	--	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	--
3/94	--	--	<0.00020	--	--	--	--	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	--

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY

BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
Mercury (Cont.)													
6/94	--	--	0.00020	--	--	(0.00020)	--	0.00022	<0.00020	0.00023	0.00030	0.00022	--
9/94	--	--	<0.00020	--	--	<0.00020	--	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
12/94	--	--	<0.00020	--	--	<0.00020	--	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
3/95	--	--	<0.00020	--	--	<0.00020	--	--	<0.00020	<0.00020	<0.00020	--	<0.00020
6/95	--	--	0.00044	--	--	--	--	--	--	--	--	--	0.00047
9/95	--	--	<0.0002	--	--	<0.0002	--	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
12/96	--	--	<0.0002	--	--	<0.0002	--	<0.0002	--	--	<0.0002	<0.0002	<0.0002
9/97	<0.0001	--	--	<0.0001	<0.0001	--	--	--	--	--	--	--	--
9/99	--	--	<0.0001	--	--	<0.0001	--	<0.0001	--	--	<0.0001	<0.0001	<0.0001
9/02	--	--	<0.00050	--	--	<0.00050	--	<0.00050	--	--	<0.00050	<0.00050	<0.00050
9/05	--	--	<0.00050	--	--	<0.00050	--	<0.00050	--	--	<0.00050	<0.00050	<0.00050
Nickel													
4/93	--	<0.0050	<0.0050	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--
6/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
8/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
10/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
12/93	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
3/94	--	--	<0.0050	--	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
6/94	--	--	<0.0050	--	--	0.0051	--	<0.0050	<0.0050	<0.0050	0.021	<0.0050	--
9/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/94	--	--	<0.0050	--	--	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/95	--	--	<0.0050	--	--	<0.0050	--	--	<0.0050	<0.0050	--	--	<0.0050
6/95	--	--	0.0055	--	--	--	--	--	--	--	--	--	<0.0050
9/95	--	--	<0.005	--	--	<0.005	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/96	--	--	<0.005	--	--	<0.005	--	<0.005	--	--	<0.005	<0.005	<0.005
9/97	<0.002	--	--	<0.002	<0.002	--	--	--	--	--	--	--	--
9/99	--	--	0.0007	--	--	0.0022	--	0.0013	--	--	0.0013	0.0012	0.001
9/02	--	--	0.00439 U	--	--	0.00518 U	--	<0.00500	--	--	<0.00500	0.00563 U	0.00712 U
9/05	--	--	0.00585	--	--	0.00934	--	0.00616	--	--	0.00471	0.00547	0.00499
Phosphorous													
4/93	--	<1.0	<1.0	--	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--
6/93	--	--	<1.0	--	--	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	--
8/93	--	--	<1.0	--	--	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	--
10/93	--	--	<1.0	--	--	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	--
12/93	--	--	<1.0	--	--	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	--
3/94	--	--	<1.0	--	--	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	--
6/94	--	--	<1.0	--	--	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	--
9/94	--	--	0.043 U	--	--	0.039 U	--	0.038 U	0.047 U	0.036 U	0.030 U	0.028 U	0.072 U
12/94	--	--	0.039	--	--	0.028	--	0.044	0.038	0.032	0.031	0.019	0.086
3/95	--	--	0.051	--	--	0.043	--	--	0.044	0.037	--	--	0.097
6/95	--	--	0.052	--	--	--	--	--	--	--	--	--	0.11
9/95	--	--	0.101	--	--	0.252	--	<0.1	<0.1	<0.1	0.129	0.116	0.14
12/96	--	--	<0.1	--	--	<0.1	--	<0.1	--	--	<0.1	<0.1	0.1
9/97	<0.02	--	--	0.03 U	0.03 U	--	--	--	--	--	--	--	--
9/99	--	--	0.037	--	--	<0.02	--	0.0255	--	--	<0.02	<0.02	0.078
9/02	--	--	<0.10	--	--	<0.10	--	<0.10	--	--	<0.10	<0.10	0.12
9/05	--	--	0.57	--	--	0.72	--	0.60	--	--	0.24	0.61	0.71
9/06	--	--	<0.10	--	--	3.5	--	<0.10	--	--	<0.10	<0.10	<0.10
Sodium													
4/93	--	20	24	--	--	--	22	20	23	24	--	--	--
6/93	--	--	29	--	--	--	--	23	26	25	35	25	--
8/93	--	--	27	--	--	--	--	20	22	22	28	21	--
10/93	--	--	25	--	--	--	--	18	20	20	25	20	--
12/93	--	--	25	--	--	--	--	19	21	21	25	21	--
3/94	--	--	25	--	--	--	--	18	20	21	24	20	--
6/94	--	--	28	--	--	20	--	23	22	20	27	21	--
9/94	--	--	25	--	--	21	--	23	24	24	30	26	26
12/94	--	--	28	--	--	20	--	21	22	23	27	23	22
3/95	--	--	26	--	--	18	--	--	22	20	--	--	18
6/95	--	--	35	--	--	--	--	--	--	--	--	--	29

TABLE D-23

1993 THROUGH 2006 ANALYTICAL RESULTS (mg/L)

SQUARE D COMPANY

BEAUMONT, CALIFORNIA

Well	Y-1	Y-2	Y-3	Y-4	Y-6	Y-7	Y-8	SDB-1	SDB-2	SDB-3	SDB-4	SDB-5	SDB-6B
Thallium													
9/95	--	--	<0.005	--	--	<0.005 UJ	--	<0.005 UJ	<0.005 UJ	<0.005 UJ	<0.005 UJ	<0.005 UJ	<0.005 UJ
12/96	--	--	<0.005	--	--	<0.005	--	<0.005	--	--	<0.005	<0.005	<0.005
Vanadium													
4/93	--	<0.050	<0.050	--	--	--	<0.050	<0.050	<0.050	<0.050	--	--	--
6/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
8/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
10/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
12/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
3/94	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
6/94	--	--	<0.050	--	--	<0.050	--	<0.050	<0.050	<0.050	<0.050	<0.050	--
9/94	--	--	0.046	--	--	0.026	--	0.029	0.037	0.040	0.021	0.028	0.020
12/94	--	--	0.044	--	--	0.024	--	0.028	0.036	0.038	0.022	0.027	0.023
3/95	--	--	0.045	--	--	0.020	--	--	0.036	0.040	--	--	0.024
6/95	--	--	0.046	--	--	--	--	--	--	--	--	--	0.024
9/95	--	--	0.043	--	--	0.0269	--	0.0267	0.0347	0.0367	0.0226	0.0273	0.0233
12/96	--	--	0.05	--	--	0.02	--	0.03	--	--	0.02	0.03	0.02
Zinc													
4/93	--	0.11	0.082	--	--	--	0.071	0.073	0.071	0.15	--	--	--
6/93	--	--	0.11	--	--	--	--	0.084	0.18	0.082	0.24	0.07	--
8/93	--	--	<0.050	--	--	--	--	<0.050	0.063	<0.050	0.089	0.071	--
10/93	--	--	0.11	--	--	--	--	<0.050	<0.050	<0.050	<0.050	0.079	--
12/93	--	--	<0.050	--	--	--	--	<0.050	<0.050	<0.050	<0.050	0.067	--
3/94	--	--	<0.050	--	--	--	--	0.059	0.14	0.054	0.11	0.19	--
6/94	--	--	0.077	--	--	0.13	--	<0.050	<0.050	<0.050	<0.050	0.082	--
9/94	--	--	0.033 U	--	--	0.23	--	0.076 U	0.067 U	0.037 U	0.090 U	0.070 U	0.035 U
12/94	--	--	0.13	--	--	0.61	--	0.11	0.13	0.13	0.13	0.22	0.039
3/95	--	--	0.085	--	--	0.42	--	0.17	0.12	0.038 U	0.12	0.23	0.062 U
6/95	--	--	0.015	--	--	--	--	--	--	--	--	--	(0.010)
9/95	--	--	0.106 U	--	--	0.632	--	0.101 U	0.224U	0.137 U	0.0666 U	0.240 U	0.0503 U
6/96	--	--	0.01 U	--	--	0.9	--	0.09 U	--	--	0.2	0.2	0.06
12/96	--	--	0.08	--	--	0.702	--	0.06	--	--	0.034	0.234	0.031
9/97	0.308 U	--	--	0.0268 U	0.039 U	--	--	--	--	--	--	--	--
9/99	--	--	0.23	--	--	0.64	--	0.266	--	--	0.096	0.14	0.068
9/02	--	--	<0.0100	--	--	0.0164	--	<0.0100	--	--	0.0201	0.0118	0.0315
9/05	--	--	0.00846	--	--	0.0119	--	0.00890	--	--	0.0132	0.0102	0.0205

NOTES:

[a] Beginning in September 1995, alkalinity was reported as total alkalinity and was assumed to be bicarbonate.

[b] Average hardness based on three separate analyses by EPA 130.1, EPA 130.2, and SM 2340B is reported.

[c] Laboratory quantitation limits for VOCs vary for each compound, but are predominantly 0.00050 mg/L.

[d] 0.0022 mg/L of toluene was detected in the groundwater sample collected from Well Y-7 on June 8, 1994.

[e] Chloromethane was detected in the groundwater samples from Wells Y-3, Y-7, SDB-1, SDB-5, and SDB=6B in September 1995.

Qualifications to the analytical results as designated by the data validator (data validation was not conducted in 1993 through June 1994)

"J" = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

"U" = The analyte was detected in the sample, but at a concentration less than a revised detection limit defined as five times the concentration of the analyte detected in an associated blank.

"UJ" = The analyte was not detected above the reporting limit. However, the reporting limit is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

TABLE D-24

APPENDIX IX PARAMETERS
APRIL 1988 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-2	Y-4	Y-5	Y-6
VOLATILE ORGANIC COMPOUNDS (EPA 624)				
Acetone	<25	<25	<25	<25
Acetonitrile	<100	<100	<100	<100
Acrolein	<100	<100	<100	<100
Acrylonitrile	<100	<100	<100	<100
Allyl chloride	<5.0	<5.0	<5.0	<5.0
Benzene	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0
Bromoform; Tribromomethane	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane	<5.0	<5.0	<5.0	<5.0
Chloroethane; Ethyl chloride	<10	<10	<10	<10
Chloroform	<5.0	<5.0	<5.0	<5.0
Chloroprene	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	<10	<10	<10	<10
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane; Ethylene dichloride	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethylene; Vinylidene chloride	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0
1,4-Dioxane	<100	<100	<100	<100
Ethylbenzene	<5.0	<5.0	<5.0	<5.0
2-Hexanone	<10	<10	<10	<10
Isobutyl Alcohol	<100	<100	<100	<100
Methacrylonitrile	<5.0	<5.0	<5.0	<5.0
Methyl bromide; Bromomethane	<10	<10	<10	<10
Methyl chloride; Chloromethane	<10	<10	<10	<10
Methylene bromide; Dibromomethane	<5.0	<5.0	<5.0	<5.0
Methylene chloride; Dichloromethane	<25	<25	<25	<25
Methyl ethyl ketone; MEK; 2-Butanone	<25	<25	<25	<25
Methyl iodide; Iodomethane	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone; Methyl isobutyl ketone	<10	<10	<10	<10
2-Picoline	<10	<10	<10	<10
Propionitrile; Ethyl cyanide	<5.0	<5.0	<5.0	<5.0
Pyridine	ND	ND	ND	ND
Styrene	<5.0	<5.0	<5.0	<5.0
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0
Tetrachloroethylene; Perchloroethene	<1.0	<1.0	<1.0	<1.0
Toluene	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane; Methylchloroform	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0
Trichloroethylene; Trichloroethene	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	<5.0	<5.0	<5.0	<5.0

TABLE D-24

APPENDIX IX PARAMETERS
APRIL 1988 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-2	Y-4	Y-5	Y-6
Vinyl Acetate	<10	<10	<10	<10
Vinyl Chloride	<10	<10	<10	<10
Xylene (total)	<5.0	<5.0	<5.0	<5.0

* Denotes Library Scan by EPA Method 8240

SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270)				
Acenaphthene	<10	<10	<10	<10
Acenaphthylene	<10	<10	<10	<10
Acetophenone	<10	<10	<10	<10
2-Acetylaminofluorene; 2-AAF	<10	<10	<10	<10
4-Aminobiphenyl	<10	<10	<10	<10
Aniline	<10	<10	<10	<10
Anthracene	<10	<10	<10	<10
Aramite	<10	<10	<10	<10
Benzo(a)anthracene; Benzanthracene	<10	<10	<10	<10
Benzo(b)fluoranthene	<10	<10	<10	<10
Benzo(k)fluoranthene	<10	<10	<10	<10
Benzo(ghi)perylene	<10	<10	<10	<10
Benzo(a)pyrene	<10	<10	<10	<10
Benzyl alcohol	<20	<20	<20	<20
Bis(2-chloroethoxy) methane	<10	<10	<10	<10
Bis(2-chloroethyl) ether	<10	<10	<10	<10
Bis(2-ethylhexyl) phthalate	<10	<10	<10	13
4-Bromophenyl phenyl ether	<10	<10	<10	<10
Butyl benzyl phthalate; Benzyl butyl phthalate	<10	<10	<10	<10
p-Chloroaniline	<20	<20	<20	<20
p-Chloro-m-cresol	<20	<20	<20	<20
2-Chloronaphthalene	<10	<10	<10	<10
2-Chlorophenol	<10	<10	<10	<10
4-Chlorophenyl phenyl ether	<10	<10	<10	<10
Chyrsene	<10	<10	<10	<10
o-Cresol	<10	<10	<10	<10
m & p-Cresol	<10	<10	<10	<10
Dibenz(a,h)anthracene	<10	<10	<10	<10
Dibenzofuran	<10	<10	<10	<10
Di-n-butyl phthalate	<10	<10	<10	<10
1,2-Dichlorobenzene	<10	<10	<10	<10
1,3-Dichlorobenzene	<10	<10	<10	<10
1,4-Dichlorobenzene	<10	<10	<10	<10
3,3'-Dichlorobenzidine	<20	<20	<20	<20
2,4-Dichlorophenol	<10	<10	<10	<10
2,6-Dichlorophenol	<10	<10	<10	<10
Diethyl phthalate	<10	<10	<10	<10
p-(Dimethylamino) azobenzene	<10	<10	<10	<10
7,12-Dimethylbenz(a)anthracene	<10	<10	<10	<10
3,3'-Dimethylbenzidine	<10	<10	<10	<10
alpha,alpha-Di-methylphenethylamine	<10	<10	<10	<10
2,4-Dimethylphenol	<10	<10	<10	<10
Dimethyl phthalate	<10	<10	<10	<10
m-Dinitrobenzene	<10	<10	<10	<10
4,6-Dinitro-o-cresol	<50	<50	<50	<50

TABLE D-24

APPENDIX IX PARAMETERS
APRIL 1988 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-2	Y-4	Y-5	Y-6
2,4-Dinitrophenol	<50	<50	<50	<50
2,4-Dinitrotoluene	<10	<10	<10	<10
2,6-Dinitrotoluene	<10	<10	<10	<10
Di-n-octyl phthalate	<10	<10	<10	<10
Diphenylamine	<10	<10	<10	<10
Ethyl methacrylate	<10	<10	<10	<10
Ethyl methanesulfonate	<10	<10	<10	<10
Fluoranthene	<10	<10	<10	<10
Fluorene	<10	<10	<10	<10
Hexachlorobenzene	<10	<10	<10	<10
Hexachlorobutadiene	<10	<10	<10	<10
Hexachlorocyclopentadiene	<10	<10	<10	<10
Hexachloroethane	<10	<10	<10	<10
Hexachlorophene	ND	ND	ND	ND
Hexachloropropene	<20	<20	<20	<20
Indeno (1,2,3-cd) pyrene	<10	<10	<10	<10
Isophorone	<10	<10	<10	<10
Isosafrole	<20	<20	<20	<20
Methapyrilene	<10	<10	<10	<10
3-Methylcholoanthrene	<20	<20	<20	<20
Methyl methacrylate	<10	<10	<10	<10
Methyl methanesulfonate	<10	<10	<10	<10
2-Methylnaphthalene	<10	<10	<10	<10
Naphthalene	<10	<10	<10	<10
1,4-Napthoquinone	<10	<10	<10	<10
1-Naphthylamine	<10	<10	<10	<10
2-Naphthylamine	<10	<10	<10	<10
o-Nitroaniline	<50	<50	<50	<50
m-Nitroaniline	<50	<50	<50	<50
p-Nitroaniline	<50	<50	<50	<50
Nitrobenzene	<10	<10	<10	<10
o-Nitrophenol	<10	<10	<10	<10
p-Nitrophenol	<50	<50	<50	<50
4-Nitroquinoline 1-oxide	ND	ND	ND	ND
N-Nitrosodi-n-butylamine	<10	<10	<10	<10
N-Nitrosodiethylamine	<10	<10	<10	<10
N-Nitrosodimethylamine	<10	<10	<10	<10
N-Nitrosodiphenylamine	<10	<10	<10	<10
N-Nitrosodi-n-propylamine	<10	<10	<10	<10
N-Nitrosomethylethylamine	<10	<10	<10	<10
N-Nitrosomorpholine	<10	<10	<10	<10
N-Nitrosopiperidine	<10	<10	<10	<10
N-Nitrosopyrrolidine	<10	<10	<10	<10
5-Nitro-o-toluidine	<10	<10	<10	<10
Pentachlorobenzene	<10	<10	<10	<10
Pentachloroethane	<10	<10	<10	<10
Pentachloronitrobenzene	<50	<50	<50	<50
Pentachlorophenol	<50	<50	<50	<50
Phenacetin	<10	<10	<10	<10
Phenanthrene	<10	<10	<10	<10
Phenol	<10	<10	<10	<10
p-Phenylenediamine	ND	ND	ND	ND

TABLE D-24

APPENDIX IX PARAMETERS
APRIL 1988 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-2	Y-4	Y-5	Y-6
Pronamide	<20	<20	<20	<20
Pyrene	<10	<10	<10	<10
Safrole	<10	<10	<10	<10
1,2,4,5-Tetrachlorobenzene	<10	<10	<10	<10
2,3,4,6-Tetrachlorophenol	<20	<20	<20	<20
o-Toluidine	<10	<10	<10	<10
1,2,4-Trichlorobenzene	<10	<10	<10	<10
2,4,5-Trichlorophenol	<50	<50	<50	<50
2,4,6-Trichlorophenol	<10	<10	<10	<10
sym-Trinitrobenzene	<10	<10	<10	<10
ORGANOCHLORINE PESTICIDES AND PCBS (EPA 608)				
Aldrin	<0.050	<0.050	<0.050	<0.050
alpha-BHC	<0.050	<0.050	<0.050	<0.050
beta-BHC	<0.050	<0.050	<0.050	<0.050
delta-BHC	<0.050	<0.050	<0.050	<0.050
gamma-BHC; Lindane	<0.050	<0.050	<0.050	<0.050
Chlordane	<0.50	<0.50	<0.50	<0.50
Chlorobenzilate	<20	<20	<20	<20
4,4'-DDD	<0.10	<0.10	<0.10	<0.10
4,4'-DDE	<0.10	<0.10	<0.10	<0.10
4,4'-DDT	<0.10	<0.10	<0.10	<0.10
Diallate	<1.5	<1.5	<1.5	<1.5
Dieldrin	<0.10	<0.10	<0.10	<0.10
Endosulfan	<0.050	<0.050	<0.050	<0.050
Endosulfan II	<0.10	<0.10	<0.10	<0.10
Endosulfan sulfate	<0.10	<0.10	<0.10	<0.10
Endrin	<0.10	<0.10	<0.10	<0.10
Heptachlor	<0.050	<0.050	<0.050	<0.050
Heptachlor epoxide	<0.050	<0.050	<0.050	<0.050
Isodrin	<0.050	<0.050	<0.050	<0.050
Kepone	<0.10	<0.10	<0.10	<0.10
Methoxychlor	<0.050	<0.050	<0.050	<0.050
Toxaphene	<1.0	<1.0	<1.0	<1.0
Arochlor-1016	<0.50	<0.50	<0.50	<0.50
Arochlor-1221	<0.50	<0.50	<0.50	<0.50
Arochlor-1232	<0.50	<0.50	<0.50	<0.50
Arochlor-1242	<0.50	<0.50	<0.50	<0.50
Arochlor-1248	<0.50	<0.50	<0.50	<0.50
Arochlor-1254	<1.0	<1.0	<1.0	<1.0
Arochlor-1260	<1.0	<1.0	<1.0	<1.0
ORGANOPHOSPHATE PESTICIDES (EPA 614)				
Dimethoate	<1.0	<1.0	<1.0	<1.0
Disulfoton	<1.0	<1.0	<1.0	<1.0
Famphur	<1.0	<1.0	<1.0	<1.0
Methyl parathion	<1.0	<1.0	<1.0	<1.0
Parathion	<1.0	<1.0	<1.0	<1.0
Phorate	<1.0	<1.0	<1.0	<1.0
Sulfotepp	<1.0	<1.0	<1.0	<1.0

TABLE D-24

APPENDIX IX PARAMETERS
APRIL 1988 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-2	Y-4	Y-5	Y-6
Thionazin	<1.0	<1.0	<1.0	<1.0
o-o-oTriethyl phosphorothioate	<1.0	<1.0	<1.0	<1.0
METALS (EPA 6010)				
Antimony	<100	<100	<100	<100
Arsenic	<5.0	<5.0	<5.0	<5.0
Barium	50	50	60	70
Beryllium	20	<10	<10	<10
Cadmium	20	<10	<10	<10
Chromium, total	470	40	30	30
Cobalt	20	<20	<20	<20
Copper	<20	<20	<20	<20
Lead	<20	<20	<20	<20
Mercury	<1.0	<1.0	<1.0	<1.0
Nickel	300	<20	<20	<20
Selenium	<10	<10	<10	<10
Silver	10	<10	<10	<10
Thallium	<100	<100	<100	<100
Tin	<3,000	<3,000	<3,000	<3,000
Vanadium	40	<20	30	30
Zinc	40	<20	<20	<20
POLYCHLORINATED DIOXINS/FURANS (EPA METHOD 8280)				
Dioxins:				
Tetra (total)	<0.000094	<0.000094	<0.000094	<0.000094
Tetra (2378)	<0.000094	<0.000094	<0.000094	<0.000094
Penta	<0.00023	<0.00023	<0.00023	<0.00023
Hexa	<0.00019	<0.00019	<0.00019	<0.00019
Furans:				
Tetra (total)	<0.000068	<0.000068	<0.000068	<0.000068
Penta	<0.00016	<0.00016	<0.00016	<0.00016
Hexa	<0.000084	<0.000084	<0.000084	<0.000084
CHLORINATED HERBICIDES (EPA 615)				
2,4-D; 2,4-Dichlorophenoxyacetic acid	<0.10	<0.10	<0.10	<0.10
Silvex; 2,4,5-TP	<0.050	<0.050	<0.050	<0.050
2,4,5-T; 2,4,5-Trichlorophenoxyacetic acid	<0.050	<0.050	<0.050	<0.050
CYANIDE				
Cyanide	<10	<10	<10	<10

TABLE D-25

APPENDIX IX PARAMETERS
OCTOBER 1993 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	SDB-1	SDB-4	SDB-5	SDB-5 (Dupl.)
VOLATILE ORGANIC COMPOUNDS (EPA 624)					
Acetone	<100	<100	<100	<100	<100
Acrolein*	<100	<100	<100	<100	<100
Acrylonitrile*	<100	<100	<100	<100	<100
Allyl chloride*	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform; Tribromomethane	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon disulfide	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon tetrachloride	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane; Ethyl chloride	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroprene*	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene*	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane*	<10	<10	<10	<10	<10
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane; Ethylene dichloride	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethylene; Vinylidene chloride	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	<0.50
Ethyl methacrylate*	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	<50	<50	<50	<50	<50
Methacrylonitrile*	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl bromide; Bromomethane	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl chloride; Chloromethane	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene bromide; Dibromomethane*	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene chloride; Dichloromethane	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl ethyl ketone; MEK; 2-Butanone	<100	<100	<100	<100	<100
Methyl iodide; Iodomethane*	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl methacrylate*	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone; Methyl isobutyl ketone	<50	<50	<50	<50	<50
Pentachloroethane*	<5.0	<5.0	<5.0	<5.0	<5.0
2-Picoline*	<5.0	<5.0	<5.0	<5.0	<5.0
Propionitrile; Ethyl cyanide*	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine*	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1,2-Tetrachloroethane*	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene; Perchloroethene	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1-Trichloroethane; Methylchloroform	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE D-25

APPENDIX IX PARAMETERS
OCTOBER 1993 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	SDB-1	SDB-4	SDB-5	SDB-5 (Dupl.)
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene; Trichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorofluoromethane	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,3-Trichloropropane*	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Acetate	<50	<50	<50	<50	<50
Vinyl Chloride	<0.50	<0.50	<0.50	<0.50	<0.50
Xylene (total)	<0.50	<0.50	<0.50	<0.50	<0.50

* Denotes Library Scan by EPA Method 8240

SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270)					
Acenaphthene	<4.0	<4.0	<4.0	<4.0	<4.0
Acenaphthylene	<4.0	<4.0	<4.0	<4.0	<4.0
Acetophenone*	<20	<20	<20	<20	<20
2-Acetylaminofluorene; 2-AAF*	<20	<20	<20	<20	<20
4-Aminobiphenyl*	<20	<20	<20	<20	<20
Aniline	<4.0	<4.0	<4.0	<4.0	<4.0
Anthracene	<4.0	<4.0	<4.0	<4.0	<4.0
Aramite*	<20	<20	<20	<20	<20
Benzo(a)anthracene; Benzanthracene	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(b)fluoranthene	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(k)fluoranthene	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(ghi)perylene	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(a)pyrene	<4.0	<4.0	<4.0	<4.0	<4.0
Benzyl alcohol	<4.0	<4.0	<4.0	<4.0	<4.0
Bis(2-chloroethoxy) methane	<4.0	<4.0	<4.0	<4.0	<4.0
Bis(2-chloroethyl) ether	<4.0	<4.0	<4.0	<4.0	<4.0
Bis(2-chloro-1-methylethyl) ether; 2,2'-Dichlorodiisopropyl ether	<20	<20	<20	<20	<20
Bis(2-ethylhexyl) phthalate	<4.0	<4.0	13**	<4.0	19**
4-Bromophenyl phenyl ether	<4.0	<4.0	<4.0	<4.0	<4.0
Butyl benzyl phthalate; Benzyl butyl phthalate	<4.0	<4.0	<4.0	<4.0	<4.0
p-Chloroaniline	<4.0	<4.0	<4.0	<4.0	<4.0
Chlorobenzilate*	<20	<20	<20	<20	<20
p-Chloro-m-cresol*	<20	<20	<20	<20	<20
2-Chloronaphthalene	<4.0	<4.0	<4.0	<4.0	<4.0
2-Chlorophenol	<4.0	<4.0	<4.0	<4.0	<4.0
4-Chlorophenyl phenyl ether	<4.0	<4.0	<4.0	<4.0	<4.0
Chyrsene	<4.0	<4.0	<4.0	<4.0	<4.0
m-Cresol*	<20	<20	<20	<20	<20
o-Cresol; 2-Methylphenol	<20	<20	<20	<20	<20
p-Cresol; 4-Methylphenol	<20	<20	<20	<20	<20
2,4-Dichlorophenol	<4.0	<4.0	<4.0	<4.0	<4.0
2,6-Dichlorophenol*	<20	<20	<20	<20	<20
Diethyl phthalate	<4.0	<4.0	<4.0	<4.0	<4.0

TABLE D-25

APPENDIX IX PARAMETERS
OCTOBER 1993 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	SDB-1	SDB-4	SDB-5	SDB-5 (Dupl.)
o,o-Diethyl o-2-pyrazinyl phosphorothioate					
Thionazin	<20	<20	<20	<20	<20
Dimethoate*	<20	<20	<20	<20	<20
p-(Dimethylamino) azobenzene*	<20	<20	<20	<20	<20
7,12-Dimethylbenz(a)anthracene*	<20	<20	<20	<20	<20
3,3'-Dimethylbenzidine*	<20	<20	<20	<20	<20
alpha,alpha-Di-methylphenethylamine	<4.0	<4.0	<4.0	<4.0	<4.0
2,4-Dimethylphenol	<4.0	<4.0	<4.0	<4.0	<4.0
Dimethyl phthalate	<4.0	<4.0	<4.0	<4.0	<4.0
m-Dinitrobenzene*	<20	<20	<20	<20	<20
4,6-Dinitro-o-cresol*	<20	<20	<20	<20	<20
2,4-Dinitrophenol	<20	<20	<20	<20	<20
2,4-Dinitrotoluene	<4.0	<4.0	<4.0	<4.0	<4.0
2,6-Dinitrotoluene	<4.0	<4.0	<4.0	<4.0	<4.0
Di-n-octyl phthalate	<4.0	<4.0	<4.0	<4.0	<4.0
Diphenylamine*	<20	<20	<20	<20	<20
Disulfoton*	<20	<20	<20	<20	<20
Ethyl methanesulfonate*	<20	<20	<20	<20	<20
Famphur*	<20	<20	<20	<20	<20
Fluoranthene	<4.0	<4.0	<4.0	<4.0	<4.0
Fluorene	<4.0	<4.0	<4.0	<4.0	<4.0
Hexachlorobenzene	<4.0	<4.0	<4.0	<4.0	<4.0
Hexachlorobutadiene	<4.0	<4.0	<4.0	<4.0	<4.0
Hexachlorocyclopentadiene	<20	<20	<20	<20	<20
Hexachloroethane*	<4.0	<4.0	<4.0	<4.0	<4.0
Hexachlorophene*	<20	<20	<20	<20	<20
Hexachloropropene*	<20	<20	<20	<20	<20
Indeno (1,2,3-cd) pyrene	<4.0	<4.0	<4.0	<4.0	<4.0
Isodrin*	<20	<20	<20	<20	<20
Isophorone	<4.0	<4.0	<4.0	<4.0	<4.0
Isosafrole*	<20	<20	<20	<20	<20
Kepone*	<20	<20	<20	<20	<20
Methapyrilene*	<20	<20	<20	<20	<20
3-Methylcholoanthrene*	<20	<20	<20	<20	<20
Methyl methanesulfonate*	<20	<20	<20	<20	<20
2-Methylnaphthalene	<4.0	<4.0	<4.0	<4.0	<4.0
Methyl parathion; Parathion methyl*	<20	<20	<20	<20	<20
Naphthalene	<4.0	<4.0	<4.0	<4.0	<4.0
1,4-Napthoquinone*	<20	<20	<20	<20	<20
1-Naphthylamine*	<20	<20	<20	<20	<20
2-Naphthylamine*	<20	<20	<20	<20	<20
o-Nitroaniline	<4.0	<4.0	<4.0	<4.0	<4.0
m-Nitroaniline	<4.0	<4.0	<4.0	<4.0	<4.0
p-Nitroaniline	<20	<20	<20	<20	<20
Nitrobenzene	<4.0	<4.0	<4.0	<4.0	<4.0
o-Nitrophenol	<4.0	<4.0	<4.0	<4.0	<4.0

TABLE D-25

APPENDIX IX PARAMETERS
OCTOBER 1993 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	SDB-1	SDB-4	SDB-5	SDB-5 (Dupl.)
p-Nitrophenol	<20	<20	<20	<20	<20
4-Nitroquinoline 1-oxide*	<20	<20	<20	<20	<20
N-Nitrosodi-n-butylamine*	<20	<20	<20	<20	<20
N-Nitrosodiethylamine*	<20	<20	<20	<20	<20
N-Nitrosodimethylamine	<4.0	<4.0	<4.0	<4.0	<4.0
N-Nitrosodiphenylamine	<4.0	<4.0	<4.0	<4.0	<4.0
N-Nitrosodipropylamine; Di-n-propylnitrosamine	<4.0	<4.0	<4.0	<4.0	<4.0
N-Nitrosomethylethylamine*	<20	<20	<20	<20	<20
N-Nitrosomorpholine*	<20	<20	<20	<20	<20
N-Nitrosopiperidine*	<20	<20	<20	<20	<20
N-Nitrosopyrrolidine*	<20	<20	<20	<20	<20
5-Nitro-o-toluidine*	<20	<20	<20	<20	<20
Parathion*	<20	<20	<20	<20	<20
Pentachlorobenzene*	<20	<20	<20	<20	<20
Pentachloronitrobenzene*	<20	<20	<20	<20	<20
Pentachlorophenol	<20	<20	<20	<20	<20
Phenacetin*	<20	<20	<20	<20	<20
Phenanthrene	<4.0	<4.0	<4.0	<4.0	<4.0
Phenol	<4.0	<4.0	<4.0	<4.0	<4.0
p-Phenylenediamine*	<20	<20	<20	<20	<20
Phorate*	<20	<20	<20	<20	<20
Pronamide*	<20	<20	<20	<20	<20
Pyrene	<4.0	<4.0	<4.0	<4.0	<4.0
Safrole*	<20	<20	<20	<20	<20
1,2,4,5-Tetrachlorobenzene*	<20	<20	<20	<20	<20
2,3,4,6-Tetrachlorophenol*	<20	<20	<20	<20	<20
Tetraethyl dithiopyrophosphate; Sulfotepp*	<20	<20	<20	<20	<20
o-Toluidine*	<20	<20	<20	<20	<20
1,2,4-Trichlorobenzene	<4.0	<4.0	<4.0	<4.0	<4.0
2,4,5-Trichlorophenol	<4.0	<4.0	<4.0	<4.0	<4.0
2,4,6-Trichlorophenol	<4.0	<4.0	<4.0	<4.0	<4.0
o-o-o-Triethyl phosphorothioate*	<20	<20	<20	<20	<20
sym-Trinitrobenzene*	<20	<20	<20	<20	<20

* Denotes Library Scan
** According to the lab report, bis(2-ethylhexyl) phthalate may be due to laboratory contaminatior

ORGANOCHLORINE PESTICIDES (EPA 8080)					
Aldrin	<0.020	<0.020	<0.020	<0.020	<0.020
alpha-BHC	<0.020	<0.020	<0.020	<0.020	<0.020
beta-BHC	<0.040	<0.040	<0.040	<0.040	<0.040
delta-BHC	<0.030	<0.030	<0.030	<0.030	<0.030
gamma-BHC; Lindane	<0.020	<0.020	<0.020	<0.020	<0.020
Chlordane	<1.0	<1.0	<1.0	<1.0	<1.0
Dieldrin	<0.030	<0.030	<0.030	<0.030	<0.030
Endosulfan	<0.020	<0.020	<0.020	<0.020	<0.020

TABLE D-25

APPENDIX IX PARAMETERS
OCTOBER 1993 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	SDB-1	SDB-4	SDB-5	SDB-5 (Dupl.)
Endosulfan II	<0.030	<0.030	<0.030	<0.030	<0.030
Endosulfan sulfate	<0.020	<0.020	<0.020	<0.020	<0.020
Endrin	<0.030	<0.030	<0.030	<0.030	<0.030
Endrin aldehyde	<0.020	<0.020	<0.020	<0.020	<0.020
Heptachlor	<0.030	<0.030	<0.030	<0.030	<0.030
Heptachlor epoxide	<0.020	<0.020	<0.020	<0.020	<0.020
Methoxychlor	<0.030	<0.030	<0.030	<0.030	<0.030
Toxaphene	<5.0	<5.0	<5.0	<5.0	<5.0
METALS (EPA 6010/7000 Series)					
Antimony	<5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	<5.0	<5.0	<5.0	<5.0	<5.0
Barium	<50	<50	<50	<50	<50
Beryllium	<5.0	<5.0	<5.0	<5.0	<5.0
Cadmium	<50	<50	<50	<50	<50
Chromium, total	<5.0	<5.0	13	12	13
Cobalt	<100	<100	<100	<100	<100
Copper	<50	<50	<50	<50	<50
Lead	3.1	<3.0	<3.0	<3.0	<3.0
Mercury	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel	<5.0	<5.0	<5.0	<5.0	<5.0
Selenium	<5.0	<5.0	<5.0	<5.0	<5.0
Silver	<50	<50	<50	<50	<50
Thallium	<1,000	<1,000	<1,000	<1,000	<1,000
Tin	<500	<500	<500	<500	<500
Vanadium	<50	<50	<50	<50	<50
Zinc	110	<50	<50	76	79
EPA 8015 PARAMETERS					
Acetonitrile; Methyl cyanide	<50,000	<50,000	<50,000	<50,000	<50,000
1,4-Dioxane	<50,000	<50,000	<50,000	<50,000	<50,000
Isobutyl alcohol	<50,000	<50,000	<50,000	<50,000	<50,000
CHLORINATED HERBICIDES (EPA 8150)					
2,4-D; 2,4-Dichlorophenoxyacetic acid	<1.2	<1.2	<1.2	<1.2	<1.2
Dinoseb; DNBP; 2-sec-Butyl-4,6-dinitrophenol	<0.40	<0.40	<0.40	<0.40	<0.40
Silvex; 2,4,5-TP	<0.10	<0.10	<0.10	<0.10	<0.10
2,4,5-T; 2,4,5-Trichlorophenoxyacetic acid	<0.10	<0.10	<0.10	<0.10	<0.10
MISCELLANEOUS					
Cyanide	<20	<20	<20	<20	<20
Sulfide	<1,000	<1,000	<1,000	<1,000	<1,000

TABLE D-26

APPENDIX IX PARAMETERS
SEPTEMBER 1994 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	Y-7	SDB-1	SDB-4	SDB-5	SDB-6B	SDB-6B (DUPL.)
VOLATILE ORGANIC COMPOUNDS (EPA 8240)							
Acetone	<100	<100	<100	<100	<100	<100	<100
Acrolein*	<100	<100	<100	<100	<100	<100	<100
Acrylonitrile*	<100	<100	<100	<100	<100	<100	<100
Allyl chloride*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform; Tribromomethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	<100	<100	<100	<100	<100	<100	<100
Carbon disulfide	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon tetrachloride	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Chloro-1,3-Butadiene*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane; Ethyl chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,4-Dichloro-2-butene*	<100	<100	<100	<100	<100	<100	<100
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dibromo-3-Chloropropane*	<10	<10	<10	<10	<10	<10	<10
1,2-Dibromoethane*	<10	<10	<10	<10	<10	<10	<10
Dibromoethane*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorodifluoromethane*	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dioxane*	<150.0	<150.0	<150.0	<150.0	<150.0	<150.0	<150.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethyl Cyanide*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl methacrylate*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Isobutyl Alcohol*	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Methacrylonitrile*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl bromide; Bromomethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl chloride; Chloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene bromide; Dibromomethane*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene chloride; Dichloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl iodide; Iodomethane*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl methacrylate*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Methyl Pyridine*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone; Methyl isobutyl ketone	<50	<50	<50	<50	<50	<50	<50
Pentachloroethane*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Propionitrile; Ethyl cyanide*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyridine*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1,2-Tetrachloroethane*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene; Perchloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

TABLE D-26

APPENDIX IX PARAMETERS
SEPTEMBER 1994 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	Y-7	SDB-1	SDB-4	SDB-5	SDB-6B	SDB-6B (DUPL.)
Toluene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1-Trichloroethane; Methylchloroform	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene; Trichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorotrifluoroethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorofluoromethane	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,3-Trichloropropane*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Acetate	<50	<50	<50	<50	<50	<50	<50
Vinyl Chloride	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Xylene (total)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

* Denotes Library Scan by EPA Method 8240

SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270)

Acenaphthene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Acenaphthylene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Acetonitrile	<100	<100	<100	<100	<100	<100	<100
Acetophenone*	<100	<100	<100	<100	<100	<100	<100
2-Acetylaminofluorene; 2-AAF*	<10	<10	<10	<10	<10	<10	<10
4-Aminobiphenyl*	<10	<10	<10	<10	<10	<10	<10
Aniline	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Anthracene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Aramite*	<10	<10	<10	<10	<10	<10	<10
Benzidine	<20	<20	<20	<20	<20	<20	<20
Benzo(a)anthracene; Benzanthracene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(b)fluoranthene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(k)fluoranthene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(ghi)perylene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(a)pyrene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Benzoic Acid	<20	<20	<20	<20	<20	<20	<20
Benzyl alcohol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Bis(2-chloroethoxy) methane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Bis(2-chloroethyl) ether	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Bil(2-Chloroisopropyl)ether	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Bis(2-chloro-1-methylethyl) ether; 2,2'-Dichlorodiisopropyl ether	<10	<10	<10	<10	<10	<10	<10
Bis(2-ethylhexyl) phthalate	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
4-Bromophenyl phenyl ether	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Butyl benzyl phthalate; Benzyl butyl phthalate	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
4-Chloro-3-Methylphenol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
p-Chloroaniline	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Chlorobenzilate*	<10	<10	<10	<10	<10	<10	<10
2-Chloronaphthalene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
2-Chlorophenol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
4-Chlorophenyl phenyl ether	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Chyrsene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
m-Cresol*	<50	<50	<50	<50	<50	<50	<50
Diallate	<10	<10	<10	<10	<10	<10	<10
Dibenzo(a,h)Anthracene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Dibenzofuran	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
1,2-Dichlorobenzene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
1,3-Dichlorobenzene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
1,4-dichlorobenzene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
2,4-Dichlorophenol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0

TABLE D-26

APPENDIX IX PARAMETERS
SEPTEMBER 1994 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	Y-7	SDB-1	SDB-4	SDB-5	SDB-6B	SDB-6B (DUPL.)
2,6-Dichlorophenol*	<50	<50	<50	<50	<50	<50	<50
Diethyl phthalate	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
o,o-Diethyl o-2-pyrazinyl phosphorothioate; Thionazir	<10	<10	<10	<10	<10	<10	<10
Di-n-Butyl Phthalate	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Dimethoate*	<10	<10	<10	<10	<10	<10	<10
p-(Dimethylamino) azobenzene*	<10	<10	<10	<10	<10	<10	<10
7,12-Dimethylbenz(a)anthracene*	<10	<10	<10	<10	<10	<10	<10
3,3'-Dimethylbenzidine*	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Dimethyl phthalate	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
m-Dinitrobenzene*	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrophenol	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
2,6-Dinitrotoluene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Di-n-octyl phthalate	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Diphenylamine*	<10	<10	<10	<10	<10	<10	<10
Disulfoton*	<10	<10	<10	<10	<10	<10	<10
Ethyl methanesulfonate*	<10	<10	<10	<10	<10	<10	<10
Famphur*	<10	<10	<10	<10	<10	<10	<10
Fluoranthene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Fluorene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Hexachlorobenzene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Hexachlorobutadiene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Hexachlorocyclopentadiene	<20	<20	<20	<20	<20	<20	<20
Hexachloroethane*	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Hexachlorophene*	<10	<10	<10	<10	<10	<10	<10
Hexachloropropene*	<10	<10	<10	<10	<10	<10	<10
Indeno (1,2,3-cd) pyrene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Isodrin*	<10	<10	<10	<10	<10	<10	<10
Isophorone	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Isosafrole*	<10	<10	<10	<10	<10	<10	<10
Kepone*	<10	<10	<10	<10	<10	<10	<10
Methapyrilene*	<10	<10	<10	<10	<10	<10	<10
2-methyl-4,6-Dinitrophenol	<20	<20	<20	<20	<20	<20	<20
3-Methylcholoanthrene*	<10	<10	<10	<10	<10	<10	<10
Methyl methanesulfonate*	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methyl parathion; Parathion methyl*	<10	<10	<10	<10	<10	<10	<10
2-Methyl-Phenol	<20	<20	<20	<20	<20	<20	<20
4-Methyl-Phenol	<20	<20	<20	<20	<20	<20	<20
Naphthalene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
1,4-Napthoquinone*	<10	<10	<10	<10	<10	<10	<10
1-Naphthylamine*	<10	<10	<10	<10	<10	<10	<10
2-Naphthylamine*	<10	<10	<10	<10	<10	<10	<10
2-Nitroaniline	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
3-Nitroaniline	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
4-Nitroaniline	<20	<20	<20	<20	<20	<20	<20
Nitrobenzene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
2-Nitrophenol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
4-Nitrophenol	<20	<20	<20	<20	<20	<20	<20
4-Nitroquinoline 1-oxide*	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodi-n-butylamine*	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodiethylamine*	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodimethylamine	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0

TABLE D-26

APPENDIX IX PARAMETERS
SEPTEMBER 1994 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	Y-7	SDB-1	SDB-4	SDB-5	SDB-6B	SDB-6B (DUPL.)
N-Nitrosodiphenylamine	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
N-Nitrosodipropylamine; Di-n-propylnitrosamine	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
N-Nitrosomethylethylamine*	<10	<10	<10	<10	<10	<10	<10
N-Nitrosomorpholine*	<10	<10	<10	<10	<10	<10	<10
N-Nitrosopiperidine*	<10	<10	<10	<10	<10	<10	<10
N-Nitrosopyrrolidine*	<10	<10	<10	<10	<10	<10	<10
5-Nitro-o-toluidine*	<10	<10	<10	<10	<10	<10	<10
Parathion*	<10	<10	<10	<10	<10	<10	<10
Pentachlorobenzene*	<10	<10	<10	<10	<10	<10	<10
Pentachloronitrobenzene*	<10	<10	<10	<10	<10	<10	<10
Pentachlorophenol	<20	<20	<20	<20	<20	<20	<20
Phenacetin*	<10	<10	<10	<10	<10	<10	<10
Phenanthrene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Phenol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Phenyl-Tert-Butylamine	<10	<10	<10	<10	<10	<10	<10
p-Phenylenediamine*	<10	<10	<10	<10	<10	<10	<10
Phorate*	<10	<10	<10	<10	<10	<10	<10
Pronamide*	<10	<10	<10	<10	<10	<10	<10
Pyrene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Safrole*	<10	<10	<10	<10	<10	<10	<10
1,2,4,5-Tetrachlorobenzene*	<10	<10	<10	<10	<10	<10	<10
2,3,4,6-Tetrachlorophenol*	<50	<50	<50	<50	<50	<50	<50
Tetraethyl dithiopyrophosphate; Sulfotepp*	<10	<10	<10	<10	<10	<10	<10
o-Toluidine*	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
2,4,5-Trichlorophenol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
2,4,6-Trichlorophenol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
o-o-o-Triethyl phosphorothioate*	<10	<10	<10	<10	<10	<10	<10
sym-Trinitrobenzene*	<10	<10	<10	<10	<10	<10	<10

* Denotes Library Scan
** According to the laboratory report, bis(2-ethylhexyl) phthalate may be due to laboratory contaminatior

ORGANOCHLORINE PESTICIDES AND PCBS (EPA 8080)							
Aldrin	--	--	--	--	--	<0.020	<0.020
alpha-BHC	--	--	--	--	--	<0.020	<0.020
Arochlor 1016	--	--	--	--	--	<0.50	<0.50
Arochlor 1221	--	--	--	--	--	<0.5	<0.5
Arochlor 1232	--	--	--	--	--	<0.5	<0.5
Arochlor 1242	--	--	--	--	--	<0.5	<0.5
Arochlor 1248	--	--	--	--	--	<0.5	<0.5
Arochlor 1254	--	--	--	--	--	<0.5	<0.5
Arochlor 1260	--	--	--	--	--	<0.5	<0.5
beta-BHC	--	--	--	--	--	<0.040	<0.040
DDD	--	--	--	--	--	<0.02	<0.02
DDE	--	--	--	--	--	<0.03	<0.03
DDT	--	--	--	--	--	<0.03	<0.03
delta-BHC	--	--	--	--	--	<0.030	<0.030
gamma-BHC; Lindane	--	--	--	--	--	<0.020	<0.020
Chlordane	--	--	--	--	--	<1.0	<1.0
Dieldrin	--	--	--	--	--	<0.030	<0.030
Endosulfan	--	--	--	--	--	<0.020	<0.020
Endosulfan II	--	--	--	--	--	<0.030	<0.030
Endosulfan sulfate	--	--	--	--	--	<0.020	<0.020

TABLE D-26

APPENDIX IX PARAMETERS
SEPTEMBER 1994 ANALYTICAL RESULTS (ug/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

MONITORING WELL	Y-3	Y-7	SDB-1	SDB-4	SDB-5	SDB-6B	SDB-6B (DUPL.)
Endrin	--	--	--	--	--	<0.030	<0.030
Endrin aldehyde	--	--	--	--	--	<0.020	<0.020
Heptachlor	--	--	--	--	--	<0.030	<0.030
Heptachlor epoxide	--	--	--	--	--	<0.020	<0.020
Methoxychlor	--	--	--	--	--	<0.060	<0.060
Toxaphene	--	--	--	--	--	<5.0	<5.0
METALS (EPA 6010/7000 Series)							
Antimony	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Barium	46	26	20	26	35	<10	<10
Beryllium	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cadmium	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chromium, total	<5.0	<5.0	<5.0	17	16	5.4	6.3
Cobalt	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Copper	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Lead	<3.0	3.5	<3.0	<3.0	4.0	3.9	<3.0
Mercury	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nickel	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Selenium	<10	<10	<10	<10	<10	<10	<10
Silver	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Thallium	<10	<10	<10	<10	<10	<10	<10
Tin	<10	<10	<10	<10	<10	<10	<10
Vanadium	46	26	29	21	28	20	20
Zinc	33	230	76	90	70	26	35
CHLORINATED HERBICIDES (EPA 8150)							
2,4-D; 2,4-Dichlorophenoxyacetic acid	--	--	--	--	--	<1.2	<1.2
Dalapon	--	--	--	--	--	<3.0	<3.0
2,4-DB	--	--	--	--	--	<0.96	<0.96
Dicamba	--	--	--	--	--	<0.30	<0.30
Dichloroprop	--	--	--	--	--	<0.65	<0.65
Dinoseb; DNBP; 2-sec-Butyl-4,6-dinitrophenol	--	--	--	--	--	<0.40	<0.40
MCPP	--	--	--	--	--	<150	<150
MCPA	--	--	--	--	--	<150	<150
Silvex; 2,4,5-TP	--	--	--	--	--	<0.10	<0.10
2,4,5-T; 2,4,5-Trichlorophenoxyacetic acid	--	--	--	--	--	<0.10	<0.10
MISCELLANEOUS							
Cyanide	--	--	--	--	--	<20	<20
Sulfide	--	--	--	--	--	<1,000	<1,000

TABLE D-27

LEAK DETECTION SUMP
1993-2002 ANALYTICAL RESULTS (mg/L)
SQUARE D COMPANY
BEAUMONT, CALIFORNIA

	10/93	12/94	9/00	9/02
Alkalinity - bicarbonate	370	370	--	--
Alkalinity - carbonate	<5.0	<5.0	--	--
Alkalinity - hydroxide	<5.0	<5.0	--	--
Chloride	13	10	--	--
Hardness	344	417	372	230
pH	7.8	7.7	--	--
Specific Conductance	1000	960	662	570
Sulfate	170	180	87	93
Total Dissolved Solids	--	--	387	320
Acetone	<0.100	<0.100	--	--
2-Butanone (MEK)	<0.100	<0.100	--	--
Other VOCs	<0.00050*	<0.00050*	--	--
Phenols	0.002	<0.001	--	--
Antimony	0.025	<0.0050	<0.00100	--
Arsenic	<0.0050	<0.0050	<0.00100	--
Barium	0.12	0.086	0.0591	--
Beryllium	--	<0.0010	<0.00100	--
Calcium	84	110	63.0	--
Chromium, Total	<0.0050	<0.0050	0.00308	0.00146
Chromium, Hexavalent	0.0045	--	0.00057	0.00080
Cobalt	--	<0.0050	<0.00100	--
Copper	<0.0050	0.0061	0.00321	--
Iron	<0.30	0.20	--	--
Lead	<0.0030	<0.0030	<0.00100	--
Magnesium	33	32	24.7	--
Manganese	<0.020	0.026	--	--
Mercury	<0.00020	<0.00020	<0.000500	--
Molybdenum	--	--	0.0120	--
Nickel	<0.0050	<0.0050	<0.00100	--
Phosphorous	<1.0	0.030	0.44	--
Selenium	--	--	0.00257 J	--
Silver	--	--	<0.00100 UJ	--
Sodium	64	42	--	--
Thallium	--	--	<0.00100	--
Vanadium	<0.050	<0.010	0.00409	--
Zinc	0.17	0.058	0.00964 J	--

NOTES:

-- = Not analyzed

* Laboratory quantitation limits for VOCs vary for each compound, but are predominantly 0.00050 mg/L.

APPENDIX E

ANALYTICAL DATA QA/QC EVALUATION

ANALYTICAL DATA QA/QC EVALUATION

A quality assurance/quality control (QA/QC) review was performed on the 2006 inorganic analytical data associated with the Square D – Beaumont project to assess the quality and usability of the data. The QA/QC review evaluated holding times, blank analyses (laboratory, and field equipment blank), laboratory control samples/laboratory control sample duplicates (LCS/LCSD), matrix spike/matrix spike duplicate analyses (MS/MSD), and sample duplicate analyses (laboratory and field). The evaluation was based upon the *National Functional Guidelines for Inorganic Data Review* (U.S. Environmental Protection Agency [USEPA], July 2004), modified to include specific criteria of the individual analytical methods utilized for the Square D project.

Investigative water samples were collectively analyzed by Calscience Environmental Laboratories, Inc. (Calscience) located in Garden Grove, California, for:

- Total chromium by USEPA Method 6020
- Hexavalent chromium by USEPA Method 218.6
- Total hardness by USEPA Method 130.2
- Specific conductance by USEPA Method 120.1
- Sulfate by USEPA Method 300.0
- Total phosphorus by USEPA Method 365.3
- Total dissolved solids (TDS) by USEPA Method 160.1.

Technical holding times were assessed by comparing the sampling dates with that of the analysis dates. The technical holding time requirements were met. In addition, the cooler temperature upon receipt was within the recommended 4°C ±2°C acceptance range for all sample delivery groups (SDGs).

Laboratory method blanks are blank air, water, or soil samples prepared by the analytical laboratory and analyzed in the same fashion as the investigative samples. Water laboratory method blanks were used to ensure that the investigative samples were not contaminated during the sample preparation, sample analysis, or from a previous sample (instrument carry-over). One method blank was reported for each analytical method run by Calscience where a blank was required. No analytes were detected and no results were qualified.

A field equipment blank was prepared by placing the sampling pump in a bottle of distilled water and running the pump. The outflow from the pump was collected in sample containers appropriate for the intended analyses. The equipment blank sample was handled in the same manner as the field samples. The field equipment blank gives an indication of contamination from field procedures (e.g., improperly cleaned sampling equipment, cross-contamination). No contaminates were detected in equipment blank, except for those listed in the following table. With the exception of the results for sulfate, data qualification was not considered necessary because the results for field samples were at concentrations greater than five times the blank concentration.

Sample ID	Element	Concentration	Associated Qualified Samples	Qualifier
1-4 (Equipment Blank)	Specific Conductance	3.9 µmhos/cm	None	NA
	Total Dissolved Solids	3.0 mg/L	None	NA
	Sulfate	1.7 mg/L	1-1 (Y-7) and 1-8 (Y-3)	U

Laboratory control samples (LCSs), also known as blank or reagent spikes, are blank samples spiked with known concentrations of analytes of interest. The percent recoveries (% Recs) and relative percent differences (RPDs) of LCSs and their duplicates (LCSDs) are used to evaluate extraction efficiencies, overall analytical accuracy, and analytical precision. LCS and/or LCS/LCSDs were reported with total chromium, sulfate, total phosphorous, and hexavalent chromium analyses. No qualifiers were assigned based on LCS/LCSD samples.

Matrix spikes (MSs) are samples fortified (spiked) with known concentrations of analytes of interest. The percent recoveries of MSs and their duplicates (MSDs) were used to evaluate extraction efficiencies, possible matrix effects, overall analytical accuracy, and analytical precision. MS/MSDs were reported with the total chromium, hexavalent chromium, total phosphorous, and sulfate analyses. All reported MS and MSD compound %Recs and RPDs were within the corresponding QC limits.

Laboratory duplicate samples were analyzed to evaluate laboratory analytical precision. The following table presents the laboratory precision for the Square D water samples:

Parameter	Sample ID	Primary Concentration	Duplicate Concentration	RPD (%)
Total Hardness	1-8 (Y-3)	100 mg/L	100 mg/L	0
Specific Conductance	1-1 (Y-7)	290 mg/L	290 mg/L	0

The laboratory duplicates exhibited reasonable analytical precision (within RPD of 20 percent). No data were qualified based on laboratory duplicates.

Field duplicate samples were collected and analyzed to evaluate field and laboratory analytical precision within the sample matrix. The following table presents the field duplicate precision for the Square D water samples:

Parameter	1-2 (SDB-4) Concentration	1-7 (SDB-4 Dupl.) Concentration	RPD (%)
Chromium	0.0129 mg/L	0.0124 mg/L	4
Specific Conductance	390 µmhos/cm	390 µmhos/cm	0
Total Hardness	130 mg/L	130 mg/L	0
Total Dissolved Solids	280 mg/L	272 mg/L	3
Hexavalent Chromium	9.4 µg/L	9.4 µg/L	0
Sulfate	74 mg/L	75 mg/L	1
Total Phosphorous	ND (<0.10) mg/L	ND (<0.10) mg/L	0

The field duplicates exhibited reasonable analytical precision (within RPD of 50 percent) for all parameters.

As part of the analytical data validation, selected laboratory analytical data were qualified in accordance with standard criteria for data quality and usability. The qualifier codes used in this process include the following:

"U" The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Based upon the results of the reported laboratory quality control, QA/QC samples, and analytical data validation, it is URS' opinion that the analytical data associated with the Square D project are acceptable for use, and that the data accurately represent concentrations in the environmental samples submitted to the laboratory.