

*EL SEGUNDO POWER, LLC*  
*301 Vista Del Mar*  
*El Segundo, CA 90245*

*Phone: 310.615.6028*  
*FAX: 310.615.6060*

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February 28, 2007

State Water Resources Control Board  
Discharge Monitoring Report Process Center  
P.O. Box 671  
Sacramento, CA 95812

Subject: Monitoring and Reporting Program  
El Segundo Power LLC  
No. 00-084 January 2007 Monthly and Year 2006 Annual Report

### MONTHLY REPORT

Attached are the test results obtained from the required sampling stations during the month of January 2006. This is in compliance with the requirements as set forth in the NPDES Permit Number CA0001147, California Regional Water Quality Control Board, Los Angeles Region Order Number 00-084, covering wastes discharged at El Segundo Power LLC. Please refer to compliance file CI 4667.

Analyses were conducted at a laboratory certified for such analyses by the State Department of Health Service or approved by the Executive Officer and in accordance with current EPA guideline procedures or as specified in the Monitoring Program.

All test results contained in this report are within the specified limits for each parameter. There were no Metal Cleaning Wastes nor were there any Non-Metal Cleaning Wastes discharged for the month of January 2007. No hazardous waste manifests generated from El Segundo Power LLC for the month of January 2007. For the month of January 2007 no chlorinations were performed on Discharge #001. In addition, for the month of January 2007, there was no discharge from Sanitary Treatment Plant 2 to Discharge Point #002. During the month of January 2007 the wastes from Sanitary Treatment Plant 2 were routed to Sanitary Treatment Plant 1 and to Discharge Point #001.

### ANNUAL REPORT

As part of the annual report please find the tabular and graphical summaries of the monitoring data obtained during the year 2006. Also included are copies of ELAP certifications for all laboratories used by El Segundo Power, LLC. In addition,

please find a hazardous materials summary for year 2006. The following is a compilation for the year 2006:

### UNITS 1 & 2

On January 1, 2003, Units 1 & 2 ceased commercial operation. The units 1 & 2 once thru cooling water system continues to remain in operation. The NPDES Monitoring and Reporting Program for #001 continues without interruption. All hazardous materials not related to the once-thru cooling water system have been removed from the business plan inventory.

### DISCREPANCIES

There were no discrepancies reported for the year 2006.

### WATERBOARD INSPECTIONS

There was no Regional Board site inspections conducted during the year 2006.

### PROPOSAL FOR INFORMATION COLLECTION/316b

On a monthly basis during the year 2006 data was collected as part of the 316 b Proposal for Information Collection survey for the Clean Water Act 316 (b) Phase 2 compliance.

### HEAT TREATS

No heat treats were conducted on discharge point 001 during 2006. On January 12, 2006 a heat treat was conducted on discharge point #002. The maximum temperature attained was 126.6 degrees F. This was for twenty minutes during a tunnel adjustment. On April 7, 2006 a heat treat was conducted on discharge point #002. The maximum temperature attained was 110.3 degrees F. On June 2, 2006 a heat treat was conducted on discharge point #002. The maximum temperature attained was 119.6 degrees F. On July 27, 2006, a heat treat was conducted on discharge point # 002. The maximum temperature attained 116.9 degrees F. All heat treats conducted were within permit limits.

### SANITARY TREATMENT PLANTS

In December 2006, Sanitary Treatment Plant 1 the 30-day average for Total Suspended Solids was 34 & 32 mg/L. Additional samples were taken and the 30-day average was 21.3 mg/L. From October 15, 2006 to December 31, 2006, Sanitary Treatment Plant 2 effluent was rerouted from discharge point #002 to discharge point #001. This was done to facilitate securing the once thru cooling water pumps on discharge point #002 to reduce flow and conserve power.

### METAL CLEANING WASTES

There were no Metal Cleaning Wastes discharged during the year 2006. However, boiler metal cleaning was performed in February 2006. The metal cleaning wastes were disposed off site.

### NON-METAL CLEANING WASTES

There were no Non-Metal Cleaning Wastes discharged during the year 2006.

### CALCAREOUS DEBRIS

Calcareous debris was discharged from discharge point #002 during May 2006. An off shore monitoring report was conducted during the discharge and submitted with the monthly report.

### STORM WATER

The annual Storm Water report was submitted in June 23, 2006.

### DMR-QA

As directed by the NPDES Permit, El Segundo Power, LLC participated in the annual DMR-QA study. Not-Acceptable values were given on a few parameters. These were all corrected.

### KELP MONITORING

El Segundo Power, LLC voluntarily participated the regional Kelp Monitoring study.

### OTHER MONITORING

As directed in the NPDES Permit, El Segundo Power, LLC conducted quarterly Chronic Toxicity Bioassay, Semi-annual metals, and annual effluent and Retention Basin Priority Pollutants monitoring.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the

information submitted is, to the best of my knowledge and belief, true, accurate, and complete. "I am aware that there are significant penalties for submitting false information, including the possibility, of a fine and imprisonment for knowing violations."

If you should have any questions regarding this report please contact Alex Sanchez at 310.615.6351.

Executed on the 28th day of February 2007, at the El Segundo Generating Station.

Sincerely,

El Segundo Power, LLC  
By: NRG El Segundo Operations Inc.,  
It's Authorized Agent

By:   
Roy E. Craft  
Regional Plants Manager

Attachments  
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February 28, 2007

John Bishop P.E.  
C/O California Regional Water Quality Control Board  
Los Angeles Region  
ATTN: Technical Support Unit  
320 W 4<sup>th</sup> Street, Suite 200  
Los Angeles, CA 90013

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or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. "I am aware that there are significant penalties for submitting false information, including the possibility, of a fine and imprisonment for knowing violations."

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Sincerely,

El Segundo Power, LLC  
By: NRG El Segundo Operations Inc.,  
It's Authorized Agent

By:   
\_\_\_\_\_  
Roy E. Craft  
Regional Plants Manager

Attachments  
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EL SEGUNDO POWER LLC  
 EL SEGUNDO GENERATING STATION  
 EFFLUENT MONITORING ANALYSIS DATA

Jan-07

TOTAL EFFLUENT FROM DISCHARGE SERIAL NO. 001

Day	Total Effluent Flow (10E6 GPD)	Maximum Discharge Temp.	Free Available Chlorine (mg/l)	Total Residual Chlorine (mg/l)	pH	Temp deg C	Fish-Tank Flow
1	51.8	70.5					542
2	51.8	70.5			8.0	19	0
3	51.8	69.2					0
4	51.8	68.1					0
5	51.8	69.3					0
6	51.8	69.3					0
7	51.8	66.6					0
8	51.8	70.1			8.0	20	384
9	51.8	70.1					4910
10	51.8	67.5					7285
11	51.8	67.5					4369
12	51.8	66.8					1940
13	51.8	66.8					2051
14	51.8	65.2					2022
15	51.8	65.2			8.0	17	1963
16	51.8	65.7					1896
17	51.8	65.7					1902
18	51.8	62.5					1910
19	51.8	63.8					1889
20	51.8	63.8					1928
21	51.8	63.5					1891
22	51.8	62.8			8.1	18	1801
23	51.8	64.3					1721
24	51.8	62.6					1700
25	51.8	63.1					1590
26	51.8	63.1					1857
27	51.8	61.6					2000
28	51.8	59.4					2006
29	51.8	60.2			8.1	17	1386
30	51.8	66.6					1117
31	51.8	66.6					1213
<b>Discharge Limit:</b>			0.2		6.0 - 9.0		
<b>Instantaneous Max</b>			0.5	0.2			
<b>Temperature Discharge Limit:</b>							
Normal Ops:		105 Degs. F					
Heat Treat:		125 Degs. F					
Recirc. Gate Adj.:		135 Degs. F					
<b>NPDES/DMR</b>							
Average	51.8	65.7			8.0	18	1718
Maximum	51.8	70.5			8.1	20	7285
Minimum	51.8	59.4			8.0	17	0
NOTE: In lieu of monitoring for radioactivity, no radioactive pollutants were added to the discharge.							
0.00 - Indicates No Discharge of chlorine on these days, or reading non-detect.							
* Daily- Sample & Analysis Performed. On Days Of Chlorination							
** Heat Treat							

EL SEGUNDO POWER LLC  
EL SEGUNDO GENERATING STATION  
EFFLUENT MONITORING ANALYSIS DATA

Jan-07

TOTAL EFFLUENT FROM DISCHARGE SERIAL NO. 002

Day	Total Effluent Flow (10E6 GPD)	Maximum Discharge Temp. (Degrees F)	Free Available Chlorine (mg/l)	Total Residual Chlorine (mg/l)	pH	Temp deg C
1	0:0	59.7				
2	84.7	60.1	ND	0.03	8.0	18
3	199.3	67.7	ND	0.03		
4	394.4	74.7				
5	382.0	70.4	ND	0.03		
6	19.5	62.3				
7	0:0	58.6				
8	37.0	59.0	ND	0.04	8.0	21
9	0:0	59.0				
10	32.8	59.4	0.04	0.06		
11	0:0	59.3				
12	0:0	59.1	0.04	0.05		
13	0:0	58.0				
14	0:0	58.0				
15	29.5	58.1	0.03	0.05	8.0	19
16	0:0	57.9				
17	26.2	58.2	0.03	0.04		
18	41.1	58.3				
19	30.3	58.8	0.03	0.04		
20	0:0	58.5				
21	162.3	59.8				
22	199.3	68.7	0.03	0.04	8.1	20
23	199.3	72.4				
24	199.3	71.4	ND	0.03		
25	199.3	75.3				
26	150.3	60.1	ND	0.03		
27	14.9	59.1				
28	0:0	59.1				
29	26.6	59.3	ND	0.03	8.1	18
30	4.2	59.1				
31	199.3	70.6	ND	0.03		

<b>Discharge Limit:</b>		0.2		6.0 - 9.0
	Instantaneous Max	0.5	0.2	

<b>Temperature Discharge Limit:</b>	
Normal Ops:	105 Degs. F
Heat Treat:	125 Degs. F
Recirc. Gate Adj.:	135 Degs. F

<b>NPDES/DMR</b>						
Average	81.7	62.3	0.03	0.04	8.0	19
Maximum	394.4	75.3	0.04	0.06	8.1	21
Minimum	0.0	57.9	0.03	0.03	8.0	18

NOTE: In lieu of monitoring for radioactivity, no radioactive pollutants were added to the discharge.  
 0.00 - Indicates No Discharge of chlorine on these days, or reading non-detect.  
 \* Daily- Sample & Analysis Performed On Days Of Chlorination  
 \*\* Heat Treat

EL SEGUNDO POWER LLC  
 EFFLUENT MONITORING ANALYSIS DATA  
 LARWQCB ORDER NO. 00-084, NPDES NO. CA0001147  
 Jan-07  
 INPLANT WASTE STREAMS

**I. LOW VOLUME WASTE**

**A) RETENTION BASIN - (LVW 1)**

	Constituent	Concentration	Units	Temp deg C	Concentration Limit (Daily Max.)	30 Day Avg Limit	Frequency of Analysis
Date	Daily Flow	150,000	MGPD		N/A	N/A	Daily
1/4/07	Suspended Solids-1	11.1	mg/l		100	30	Monthly
1/4/07	Suspended Solids-2	10.3	mg/l		100	30	Monthly
	Suspended Solids-3		mg/l		100	30	Monthly
	Suspended Solids-4		mg/l		100	30	Monthly
	Suspended Solids-5		mg/l		100	30	Monthly
	Suspended Solids-6		mg/l		100	30	Monthly
	Suspended Solids Max		mg/l		100	30	Monthly
	Suspended Solids Avg		mg/l		100	30	Monthly
1/4/07	Oil & Grease-1	2.2	mg/l		20	15	Monthly
1/4/07	Oil & Grease-2	1.7	mg/l		20	15	Monthly
	Oil & Grease-3		mg/l		20	15	Monthly
	Oil & Grease-4		mg/l		20	15	Monthly
	Oil & Grease-5		mg/l		20	15	Monthly
	Oil & Grease-6		mg/l		20	15	Monthly
	Oil & Grease Max		mg/l		20	15	Monthly
	Oil & Grease Avg		mg/l		20	15	Monthly
1/4/07	pH-1	8.6	pH	20°C	6.0 - 9.1	N/A	Monthly
1/4/07	pH-2	8.6	pH	20°C	6.0 - 9.1	N/A	Monthly
	pH-3		pH		6.0 - 9.1	N/A	Monthly
	pH-4		pH		6.0 - 9.1	N/A	Monthly
	pH-5		pH		6.0 - 9.1	N/A	Monthly
	pH-6		pH		6.0 - 9.1	N/A	Monthly
	pH Max		pH		6.0 - 9.1	N/A	Monthly
	pH Min		pH		6.0 - 9.0	N/A	Monthly

**B) SANITARY PLANT 1**

Constituent	Concentration	Units	Date	Concentration Limit (Daily Max.)	30 Day Avg Limit	Frequency of Analysis
Daily Flow MAX	1,500	GPD		N/A	N/A	Monthly
Oil & Grease-1	1.5	mg/l	1/3/07	15	10	Monthly
Oil & Grease-2	1.4	mg/l	1/3/07	15	10	Monthly
Oil & Grease-3		mg/l		15	10	Monthly
Oil & Grease-4		mg/l		15	10	Monthly
Oil & Grease-5		mg/l		15	10	Monthly
Oil & Grease Max		mg/l		15	10	Monthly
Oil & Grease Avg		mg/l		15	10	Monthly
Settleable Solids-1	ND	ml/l	1/3/07	0.3	0.1	Monthly
Settleable Solids-2		ml/l		0.3	0.1	Monthly
Settleable Solids-3		ml/l		0.3	0.1	Monthly
Settleable Solids-4		ml/l		0.3	0.1	Monthly
Settleable Solids-5		ml/l		0.3	0.1	Monthly
Settleable Solids Max		ml/l		0.3	0.1	Monthly
Settleable Solids Avg		ml/l		0.3	0.1	Monthly
Suspended Solids-1	18.0	mg/l	1/3/07	45	30	Monthly
Suspended Solids-2	17.0	mg/l	1/3/07	45	30	Monthly
Suspended Solids-3		mg/l		45	30	Monthly
Suspended Solids-4		mg/l		45	30	Monthly
Suspended Solids-5		mg/l		45	30	Monthly
Suspended Solids Max		mg/l		45	30	Monthly
Suspended Solids Avg		mg/l		45	30	Monthly
BOD5 @ 20C-1	27.8	mg/l	1/3/07	45	30	Monthly
BOD5 @ 20C-2	26.0	mg/l	1/3/07	45	30	Monthly
BOD5 @ 20C-3		mg/l		45	30	Monthly
BOD5 @ 20C-4		mg/l		45	30	Monthly
BOD5 @ 20C-5		mg/l		45	30	Monthly
BOD5 @ 20C Max		mg/l		45	30	Monthly
BOD5 @ 20C Avg		mg/l		45	30	Monthly
Total Coliform-1	190.0	100 ml	1/3/07	N/A	N/A	Monthly
Total Coliform-2		100 ml		N/A	N/A	Monthly
Total Coliform-3		100 ml		N/A	N/A	Monthly
Total Coliform-4		100 ml		N/A	N/A	Monthly
Total Coliform-5		100 ml		N/A	N/A	Monthly
Total Coliform Max		100 ml		N/A	N/A	Monthly
Total Coliform Avg		100 ml		N/A	N/A	Monthly
Fecal Coliform-1	36.0	100 ml	1/3/07	N/A	N/A	Monthly
Fecal Coliform-2		100 ml		N/A	N/A	Monthly
Fecal Coliform-3		100 ml		N/A	N/A	Monthly
Fecal Coliform-4		100 ml		N/A	N/A	Monthly
Fecal Coliform-5		100 ml		N/A	N/A	Monthly
Fecal Coliform Max		100 ml		N/A	N/A	Monthly
Fecal Coliform Avg		100 ml		N/A	N/A	Monthly
Enterrococi-1	160.0	100 ml	1/3/07	N/A	N/A	Monthly
Enterrococi-2		100 ml				
Enterrococi-3		100 ml		N/A	N/A	Monthly
Enterrococi-4		100 ml				
Enterrococi-5		100 ml				
Enterrococi Max		100 ml		N/A	N/A	Monthly
Enterrococi Avg		100 ml		N/A	N/A	Monthly

**C) SANITARY PLANT 2**

Constituent	Concentration	Units	Date	Concentration Limit (Daily Max.)	30 Day Avg Limit	Frequency of Analysis
Daily Flow MAX		GPD				Monthly
Oil & Grease-1		mg/l		15	10	Monthly
Oil & Grease-2		mg/l		15	10	Monthly
Oil & Grease-3		mg/l		15	10	Monthly
Oil & Grease-4		mg/l		15	10	Monthly
Oil & Grease-5		mg/l		15	10	Monthly
Oil & Grease Max		mg/l		15	10	Monthly
Oil & Grease Avg		mg/l		15	10	Monthly
Settleable Solids-1		ml/l		0.3	0.1	Monthly
Settleable Solids-2		ml/l		0.3	0.1	Monthly
Settleable Solids-3		ml/l		0.3	0.1	Monthly
Settleable Solids-4		ml/l		0.3	0.1	Monthly
Settleable Solids-5		ml/l		0.3	0.1	Monthly
Settleable Solids Max		ml/l		0.3	0.1	Monthly
Settleable Solids Avg		ml/l		0.3	0.1	Monthly
Suspended Solids-1		mg/l		45	30	Monthly
Suspended Solids-2		mg/l		45	30	Monthly
Suspended Solids-3		mg/l		45	30	Monthly
Suspended Solids-4		mg/l		45	30	Monthly
Suspended Solids-5		mg/l		45	30	Monthly
Suspended Solids Max		mg/l		45	30	Monthly
Suspended Solids Avg		mg/l		45	30	Monthly
BOD5 @ 20C-1		mg/l		45	30	Monthly
BOD5 @ 20C-2		mg/l		45	30	Monthly
BOD5 @ 20C-3		mg/l		45	30	Monthly
BOD5 @ 20C-4		mg/l		45	30	Monthly
BOD5 @ 20C-5		mg/l		45	30	Monthly
BOD5 @ 20C Max		mg/l		45	30	Monthly
BOD5 @ 20C Avg		mg/l		45	30	Monthly
Total Coliform-1		100 ml		N/A	N/A	Monthly
Total Coliform-2		100 ml		N/A	N/A	Monthly
Total Coliform-3		100 ml		N/A	N/A	Monthly
Total Coliform-4		100 ml		N/A	N/A	Monthly
Total Coliform-5		100 ml		N/A	N/A	Monthly
Total Coliform Max		100 ml		N/A	N/A	Monthly
Total Coliform Avg		100 ml		N/A	N/A	Monthly
Fecal Coliform-1		100 ml		N/A	N/A	Monthly
Fecal Coliform-2		100 ml		N/A	N/A	Monthly
Fecal Coliform-3		100 ml		N/A	N/A	Monthly
Fecal Coliform-4		100 ml		N/A	N/A	Monthly
Fecal Coliform-5		100 ml		N/A	N/A	Monthly
Fecal Coliform Max		100 ml		N/A	N/A	Monthly
Fecal Coliform Avg		100 ml		N/A	N/A	Monthly
Enterococi-1		100 ml		N/A	N/A	Monthly
Enterococi-2		100 ml				Monthly
Enterococi-3		100 ml		N/A	N/A	Monthly
Enterococi-4		100 ml				Monthly
Enterococi-5		100 ml				Monthly
Enterococi Max		100 ml		N/A	N/A	Monthly
Enterococi Avg		100 ml		N/A	N/A	Monthly

**D) INLET & OUTLET TUNNELS**

Constituent	Concentration	Units	Date	Concentration Limit (Daily Max.)	30 Day Avg Limit	Frequency of Analysis
1 & 2 Inlet Fecal Coliform	4.0	MPN/100	1/3/07	N/A	N/A	Monthly
1 & 2 Inlet Fecal Coliform		MPN/100		N/A	N/A	Monthly
1 & 2 Inlet Total Coliform	9.0	MPN/100	1/3/07	N/A	N/A	Monthly
1 & 2 Inlet Total Coliform		MPN/100		N/A	N/A	Monthly
1 & 2 Inlet Enterococci	2.0	MPN/100 ml	1/3/07	N/A	N/A	Monthly
1 & 2 Inlet Enterococci		MPN/100 ml		N/A	N/A	Monthly
#001 Fecal Coliform	4.0	MPN/100	1/3/07	N/A	N/A	Monthly
#001 Fecal Coliform		MPN/100		N/A	N/A	Monthly
#001 Total Coliform	10.0	MPN/100	1/3/07	N/A	N/A	Monthly
#001 Total Coliform		MPN/100		N/A	N/A	Monthly
#001 Enterococci	1.0	MPN/100 ml	1/3/07	N/A	N/A	Monthly
#001 Enterococci		MPN/100 ml		N/A	N/A	Monthly
3 & 4 Inlet Fecal Coliform	2.0	MPN/100	1/3/07	N/A	N/A	Monthly
3 & 4 Inlet Fecal Coliform		MPN/100		N/A	N/A	Monthly
3 & 4 Inlet Total Coliform	9.0	MPN/100	1/3/07	N/A	N/A	Monthly
3 & 4 Inlet Total Coliform		MPN/100		N/A	N/A	Monthly
3 & 4 Inlet Enterococci	6.0	MPN/100 ml	1/3/07	N/A	N/A	Monthly
3 & 4 Inlet Enterococci		MPN/100 ml		N/A	N/A	Monthly
#002 Fecal Coliform	2.0	MPN/100	1/3/07	N/A	N/A	Monthly
#002 Fecal Coliform		MPN/100		N/A	N/A	Monthly
#002 Total Coliform	9.0	MPN/100	1/3/07	N/A	N/A	Monthly
#002 Total Coliform		MPN/100		N/A	N/A	Monthly
#002 Enterococci	4.0	MPN/100 ml	1/3/07	N/A	N/A	Monthly
#002 Enterococci		MPN/100 ml		N/A	N/A	Monthly

E) CHEMICAL METAL CLEANING WASTES						
**There were no metal cleaning wastes discharged during this time period.				Concentration Limit (Daily Max.)	30 Day Avg Limit	Frequency of Analysis
Constituent & Date of Sample	Concentration	Units				
pH Max		pH		6.0 - 9.0	N/A	Monthly
pH Min		pH		6.0 - 9.0	N/A	Monthly
Suspended Solids Max		mg/l		100	30	Monthly
Suspended Solids Min		mg/l		100	30	Monthly
Oil & Grease Max		mg/l		20	15	Monthly
Oil & Grease Min		mg/l		20	15	Monthly
Daily Flow MAX		GPD		N/A	N/A	Monthly
Copper, Total Max		mg/l		1	1	Monthly
Copper, Total Min		mg/l		1	1	Monthly
Iron, Total		mg/l		1	1	Monthly

F) NON-CHEMICAL METAL CLEANING WASTES						
**There were no metal cleaning wastes discharged during this time period.				Concentration Limit (Daily Max.)	30 Day Avg Limit	Frequency of Analysis
Constituent & Date of Sample	Concentration	Units				
pH Max		pH		6.0 - 9.0	N/A	Monthly
pH Min		pH		6.0 - 9.0	N/A	Monthly
Suspended Solids Max		mg/l		100	30	Monthly
Suspended Solids Min		mg/l		100	30	Monthly
Oil & Grease Max		mg/l		20	15	Monthly
Oil & Grease Min		mg/l		20	15	Monthly
Daily Flow MAX		GPD		N/A	N/A	Monthly
Copper, Total Max		mg/l		1	1	Monthly
Copper, Total Min		mg/l		1	1	Monthly
Iron, Total		mg/l		1	1	Monthly







SOUTHERN CALIFORNIA  
**EDISON**

An EDISON INTERNATIONAL Company

## ANALYTICAL REPORT

Laboratory Name: Power Production Chemical  
Address: 7301 Fenwick Lane, 2nd Floor  
Westminster, CA 92683-5202

Telephone: (714) 895-0525  
Facsimile: (714) 895-0515

Laboratory Certification (ELAP) No.: 1949 Expires 11/30/07

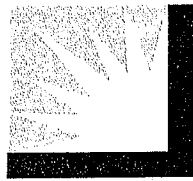
Laboratory Director's Name: Shawn S. Simmons

Laboratory Director's Signature: Shawn Simmons 2/20/07  
Date

CLIENT: NRG El Segundo Operations, LLC  
ADDRESS: 301 Vista Del Mar  
El Segundo, CA 90245

DATE(S) SAMPLED: January-07  
DATE(S) RECEIVED: January-07

Chain of Custody(ies) Received: Yes



SOUTHERN CALIFORNIA  
**EDISON**

An *EDISON INTERNATIONAL* Company

## ANALYTICAL REPORT

Cover Page 2

NRG P.O. E109975		
Jan-07		
<u>Inorganic Analyses</u>	<u># of Samples</u>	<u># of Samples Subcontracted</u>
Cl <sub>2</sub> Free, in field	16	0
Cl <sub>2</sub> Tot., in field	16	0
pH by EPA 150.1	17	0
Oil and Grease by 1664A	2	0
Oil and Grease Spike by 1664A	1	0
Total Suspended Solids (TSS)	2	0
<u>Organic Analyses</u>		

UNITS 1 AND 2 OUTFALL CHLORINE RESIDUAL SAMPLE NUMBER	ANALYSIS DATE	PARAMETER	RL (mg/L)	Free Chlorine (mg/L)	Total Chlorine (mg/L)
No chlorination					
NaOCl tank empty					

UNITS 1 AND 2 OUTFALL ELECTROMETRIC PH SAMPLE NUMBER	ANALYSIS DATE	PARAMETER	METHOD	RL (pH unit)	RESULT (pH at t°C)
EL-070102-001-pH	01/02/07	Electrometric pH	EPA 150.1	0.1	8.0 at 19°C
EL-070108-001-pH	01/08/07	Electrometric pH	EPA 150.1	0.1	8.0 at 20°C
EL-070115-001-pH	01/15/07	Electrometric pH	EPA 150.1	0.1	8.0 at 17°C
EL-070122-001-pH	01/22/07	Electrometric pH	EPA 150.1	0.1	8.1 at 18°C
EL-070129-001-pH	01/29/07	Electrometric pH	EPA 150.1	0.1	8.1 at 17°C

UNITS 3 AND 4 CHLORINE RESIDUAL SAMPLE NUMBER	ANALYSIS DATE	PARAMETER	METHOD	RL (mg/L)	Free Chlorine (mg/L)	Total Chlorine (mg/L)
EL-070102-002-Cl	01/02/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03
EL-070103-002-Cl-1	01/03/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03
EL-070103-002-Cl-2	01/03/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03
EL-070105-002-Cl	01/05/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03
EL-070108-002-Cl	01/08/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.04
EL-070110-002-Cl	01/10/07	Chlorine Residual	SM 4500-Cl G	0.03	0.04	0.06
EL-070112-002-Cl	01/12/07	Chlorine Residual	SM 4500-Cl G	0.03	0.04	0.05
EL-070115-002-Cl	01/15/07	Chlorine Residual	SM 4500-Cl G	0.03	0.03	0.05
EL-070117-002-Cl	01/17/07	Chlorine Residual	SM 4500-Cl G	0.03	0.03	0.04
EL-070119-002-Cl	01/19/07	Chlorine Residual	SM 4500-Cl G	0.03	0.03	0.04
EL-070122-002-Cl-1	01/22/07	Chlorine Residual	SM 4500-Cl G	0.03	0.03	0.04
EL-070122-002-Cl-2	01/22/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03
EL-070124-002-Cl	01/24/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03
EL-070126-002-Cl	01/26/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03
EL-070129-002-Cl	01/29/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03
EL-070131-002-Cl	01/31/07	Chlorine Residual	SM 4500-Cl G	0.03	ND	0.03

UNITS 3 AND 4 OUTFALL ELECTROMETRIC PH SAMPLE NUMBER	ANALYSIS DATE	PARAMETER	METHOD	RL (pH unit)	RESULT (pH at t°C)
EL-070102-002-pH-1	01/02/07	Electrometric pH	EPA 150.1	0.1	8.0 at 18°C
EL-070102-002-pH-2	01/02/07	Electrometric pH	EPA 150.1	0.1	8.0 at 18°C
EL-070108-002-pH-1	01/08/07	Electrometric pH	EPA 150.1	0.1	8.0 at 21°C
EL-070108-002-pH-2	01/08/07	Electrometric pH	EPA 150.1	0.1	8.0 at 22°C
EL-070115-002-pH-1	01/15/07	Electrometric pH	EPA 150.1	0.1	8.0 at 19°C
EL-070115-002-pH-2	01/15/07	Electrometric pH	EPA 150.1	0.1	8.0 at 18°C
EL-070122-002-pH-1	01/22/07	Electrometric pH	EPA 150.1	0.1	8.1 at 20°C
EL-070122-002-pH-2	01/22/07	Electrometric pH	EPA 150.1	0.1	8.1 at 20°C
EL-070129-002-pH-1	01/29/07	Electrometric pH	EPA 150.1	0.1	8.0 at 19°C
EL-070129-002-pH-2	01/29/07	Electrometric pH	EPA 150.1	0.1	8.1 at 18°C

RETENTION BASIN ELECTROMETRIC PH SAMPLE NUMBER	ANALYSIS DATE	PARAMETER	METHOD	RL (pH unit)	RESULT (pH at t°C)
EL-070103-RBN-pH-1	01/03/07	Electrometric pH	EPA 150.1	0.1	8.6 at 20°C
EL-070103-RBN-pH-2	01/03/07	Electrometric pH	EPA 150.1	0.1	8.6 at 20°C

SUSPENDED SOLIDS SAMPLE NUMBER	ANALYSIS DATE	PARAMETER	METHOD	MDL (mg/L)	RESULT (mg/L)
EL-070103-RB-TSS-1	01/04/07	Total Susp. Solids	SM 2540 D	1.0	10.3
EL-070103-RB-TSS-2	01/04/07	Total Susp. Solids	SM 2540 D	1.0	11.1
Method Blank	01/04/07	Total Susp. Solids	SM 2540 D	1.0	ND

OIL AND GREASE SAMPLE NUMBER	ANALYSIS DATE	PARAMETER	METHOD	MDL (mg/L)	RESULT (mg/L)
EL-070103-RB-OG-1	01/04/07	Oil and Grease	EPA 1664A LLE	1.6	2.2
EL-070103-RB-OG-2	01/04/07	Oil and Grease	EPA 1664A LLE	1.6	1.7
Method Blank	01/04/07	Oil and Grease	EPA 1664A LLE	1.4	ND

Matrix Spike						
Analyte	Date Analyzed	Sample Spiked	Spike Conc. (mg/L)	MS (mg/L)	MS Recovery	Accept. Range
Oil & Grease	01/04/07	LB-070103-RB-OG-2	40.0	37.8	94%	78-114%



Integrated Performance Consultants, Inc.  
P.O. Box 4362  
Mission Viejo CA, 92690

Project: ESGS  
Project Number: NA  
Project Manager: Ric Vardel

Reported:  
01/10/07 16:12

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1-WTP1 EFF	0701064-01	Liquid	01/03/07 12:00	01/03/07 13:45
2-WTP1 EFF Duplicate	0701064-02	Liquid	01/03/07 12:00	01/03/07 13:45
1A-Intake 1+2	0701064-03	Liquid	01/03/07 12:00	01/03/07 13:45
1B-Outfall 1+2	0701064-04	Liquid	01/03/07 12:00	01/03/07 13:45
2A-Intake 3+4	0701064-05	Liquid	01/03/07 12:00	01/03/07 13:45
2B-Outfall 3+4	0701064-06	Liquid	01/03/07 12:00	01/03/07 13:45

#### CASE NARRATIVE

**SAMPLE RECEIPT:** Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.  
**PRESERVATION:** Samples requiring preservation were verified prior to sample preparation and analysis.  
**HOLDING TIMES:** All holding times were met, unless otherwise noted in the report with data qualifiers.  
**QA/QC CRITERIA:** All quality objective criteria were met, except as noted in the report with data qualifiers.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Integrated Performance Consultants, Inc.  
 P.O. Box 4362  
 Mission Viejo CA, 92690

Project: ESGS  
 Project Number: NA  
 Project Manager: Ric Vardel

Reported:  
 01/10/07 16:12

**Microbiological Parameters by APHA Standard Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>1-WTP1 EFF (0701064-01) Liquid</b> <b>Sampled: 01/03/07 12:00</b> <b>Received: 01/03/07 13:45</b>									
Enterococcus	160	1	CFU/100 mL	1	B7A0526	01/03/07	01/03/07	SM 9230C	
Fecal Coliforms	36	1	"	"	"	"	"	SM 9222D	
Total Coliforms	190	1	"	"	"	"	"	SM 9222B	
<b>1A-Intake 1+2 (0701064-03) Liquid</b> <b>Sampled: 01/03/07 12:00</b> <b>Received: 01/03/07 13:45</b>									
Enterococcus	2	1	CFU/100 mL	1	B7A0526	01/03/07	01/03/07	SM 9230C	
Fecal Coliforms	4	1	"	"	"	"	"	SM 9222D	
Total Coliforms	<10	1	"	"	"	"	"	SM 9222B	
<b>1B-Outfall 1+2 (0701064-04) Liquid</b> <b>Sampled: 01/03/07 12:00</b> <b>Received: 01/03/07 13:45</b>									
Enterococcus	<2.0	1	CFU/100 mL	1	B7A0526	01/03/07	01/03/07	SM 9230C	
Fecal Coliforms	4	1	"	"	"	"	"	SM 9222D	
Total Coliforms	10	1	"	"	"	"	"	SM 9222B	
<b>2A-Intake 3+4 (0701064-05) Liquid</b> <b>Sampled: 01/03/07 12:00</b> <b>Received: 01/03/07 13:45</b>									
Enterococcus	6	1	CFU/100 mL	1	B7A0526	01/03/07	01/03/07	SM 9230C	
Fecal Coliforms	2	1	"	"	"	"	"	SM 9222D	
Total Coliforms	<10	1	"	"	"	"	"	SM 9222B	
<b>2B-Outfall 3+4 (0701064-06) Liquid</b> <b>Sampled: 01/03/07 12:00</b> <b>Received: 01/03/07 13:45</b>									
Enterococcus	4	1	CFU/100 mL	1	B7A0526	01/03/07	01/03/07	SM 9230C	
Fecal Coliforms	2	1	"	"	"	"	"	SM 9222D	
Total Coliforms	<10	1	"	"	"	"	"	SM 9222B	

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Integrated Performance Consultants, Inc.  
 P.O. Box 4362  
 Mission Viejo CA, 92690

Project: ESGS  
 Project Number: NA  
 Project Manager: Ric Vardel

Reported:  
 01/10/07 16:12

**Conventional Chemistry Parameters by APHA/EPA Methods**

**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>1-WTP1 EFF (0701064-01) Liquid</b> <b>Sampled: 01/03/07 12:00</b> <b>Received: 01/03/07 13:45</b>									
Biochemical Oxygen Demand	26.0	2.00	mg/L	1	B7A0875	01/03/07	01/08/07	EPA 405.1	
Oil & Grease	1.40	1.00	"	"	"	"	01/03/07	EPA 413.1	
Total Settleable Solids	ND	0.100	mL/L	"	"	"	"	EPA 160.5	
Total Suspended Solids	17.0	1.00	mg/L	"	"	"	"	EPA 160.2	
<b>2-WTP1 EFF Duplicate (0701064-02) Liquid</b> <b>Sampled: 01/03/07 12:00</b> <b>Received: 01/03/07 13:45</b>									
Biochemical Oxygen Demand	27.8	2.00	mg/L	1	B7A0875	01/03/07	01/08/07	EPA 405.1	
Oil & Grease	1.50	1.00	"	"	"	"	01/03/07	EPA 413.1	
Total Suspended Solids	18.0	1.00	"	"	"	"	"	EPA 160.2	

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Integrated Performance Consultants, Inc.  
P.O. Box 4362  
Mission Viejo CA, 92690

Project: ESGS  
Project Number: NA  
Project Manager: Ric Vardel

Reported:  
01/10/07 16:12

#### Notes and Definitions

\_<10 <10

\_<2.0 <2.0

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*





SIERRA ANALYTICAL  
 TEL: 949-348-9389  
 FAX: 949-348-9115  
 26052 Merit Circle • Suite 105 • Laguna Hills, CA 92653

CHAIN OF CUSTODY RECEIPT

Date: 01/03/06

Page 1 of 1

Lab Project No.: 0201064

Client: Integrated Performance, Carl Harts Day Client Project ID: ES65

Geotracker EDD Info:

Client Address:

P.O. Box 2362  
 Mission Viejo, CA 92690

Turn Around  
 Immediate  
 24 Hour  
 48 Hour  
 72 Hour  
 1 Day  
 5 Day  
 Normal  
 Mobile

Client LOGCODE

Client Tel. No.: (949) 472-0160

Client Fax. No.: (949) 472-2060

Site Global ID

Client Proj. Mgr.: RSC Vardel

Field Point Names/  
 Comments

Client Sample ID.	Sierra No.	Date	Time	Matrix	Preservative	Container Type	No. of Containers	Analysis Requested
1- WTP1 EFF	01	01/03/06	1200	WW	N	PTG	5	TSS + BOD Settleable Solids Oil & Grease Total & Rea'l coliform + Enterococci TSS+BOD Duplicate Oil and Grease Duplicate
2- WTP1 EFF	02						2	
1A- Intake 1+2	03						2	
1B- Outfall 1+2	04						2	
2A- Intake 3+4	05						2	
2B- Outfall 3+4	06						2	

Printed Name: Alvarez  
 Sample Signature: Alvarez  
 Shipped Via: \_\_\_\_\_

Received By: Alvarez Date: 01/03/06 Time: 1330  
 Company: IPC INC  
 Received By: Sierra Date: 1/3/07 Time: 1:45  
 Company: Sierra

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Company: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Company: \_\_\_\_\_

Special Instructions: \_\_\_\_\_

Total Number of Containers Submitted to Laboratory: 15

Total Number of Containers Received by Laboratory: \_\_\_\_\_

FOR LABORATORY USE ONLY - Sample Receipt Conditions:  
 Intact  
 Sample Seals  
 Properly Labelled  
 Appropriate Sample Container  
 Chilled - Temp. (°C) 1-0  
 Preservatives - Verified By \_\_\_\_\_  
 Storage Location: Wicker/Westchen

Sample Disposal:  
 Return to Client  
 Lab Disposal\*  
 Archive \_\_\_\_\_ mos.  
 Other \_\_\_\_\_

---

**EL SEGUNDO POWER, LLC**

**EL SEGUNDO GENERATING STATION**

**ANNUAL CHEMICAL CONSUMPTION  
REPORT FOR 2006**

The following is a summary of the Chemical Consumption for El Segundo Generating Station for 2006:

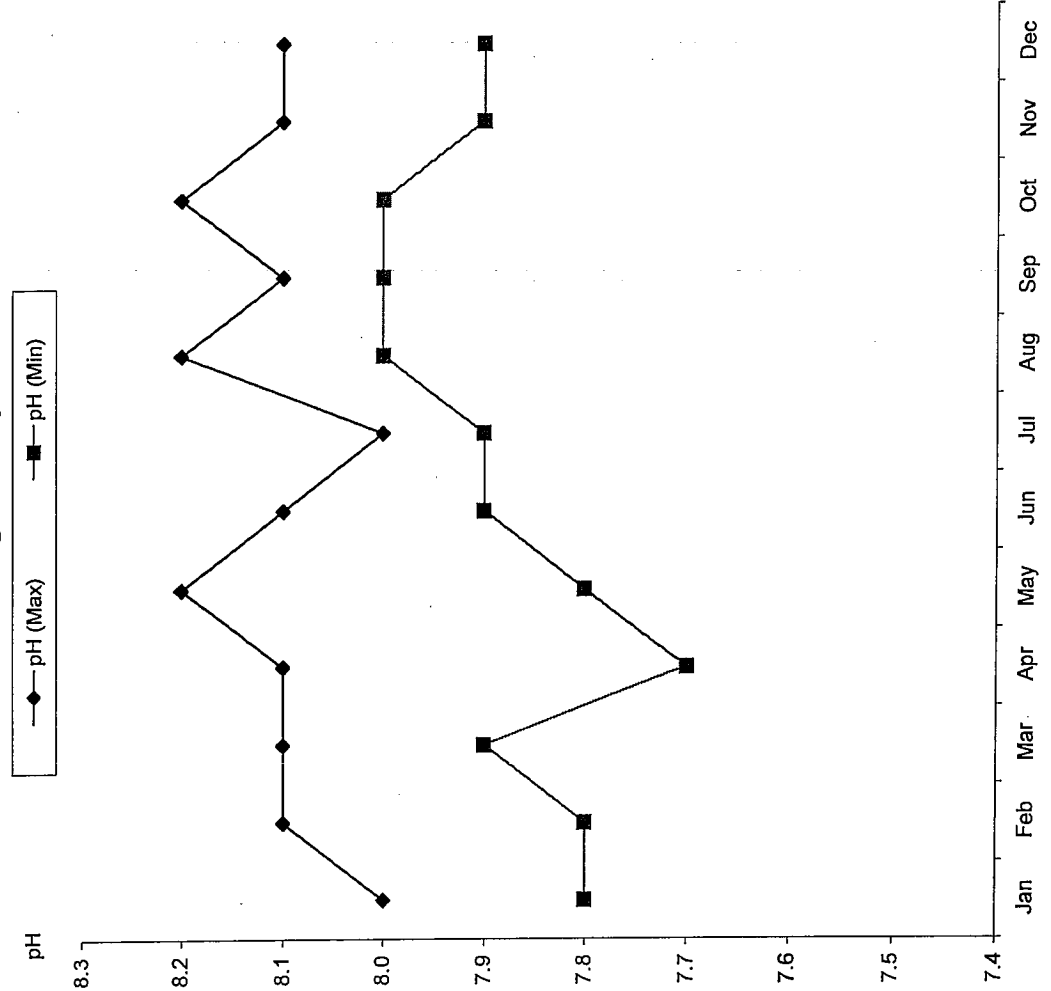
CHEMICAL	AMOUNT
AQUEOUS AMMONIA (Ammonium Hydroxide)	35,968 gal.
ELIMINOX	1,300 gal.
SODIUM HYPOCHLORITE (Bleach)	2,600 gal.
NALCO 8338	645 gal.
LCS-20	550 gal.
NALCO 7330	220 gal.

**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

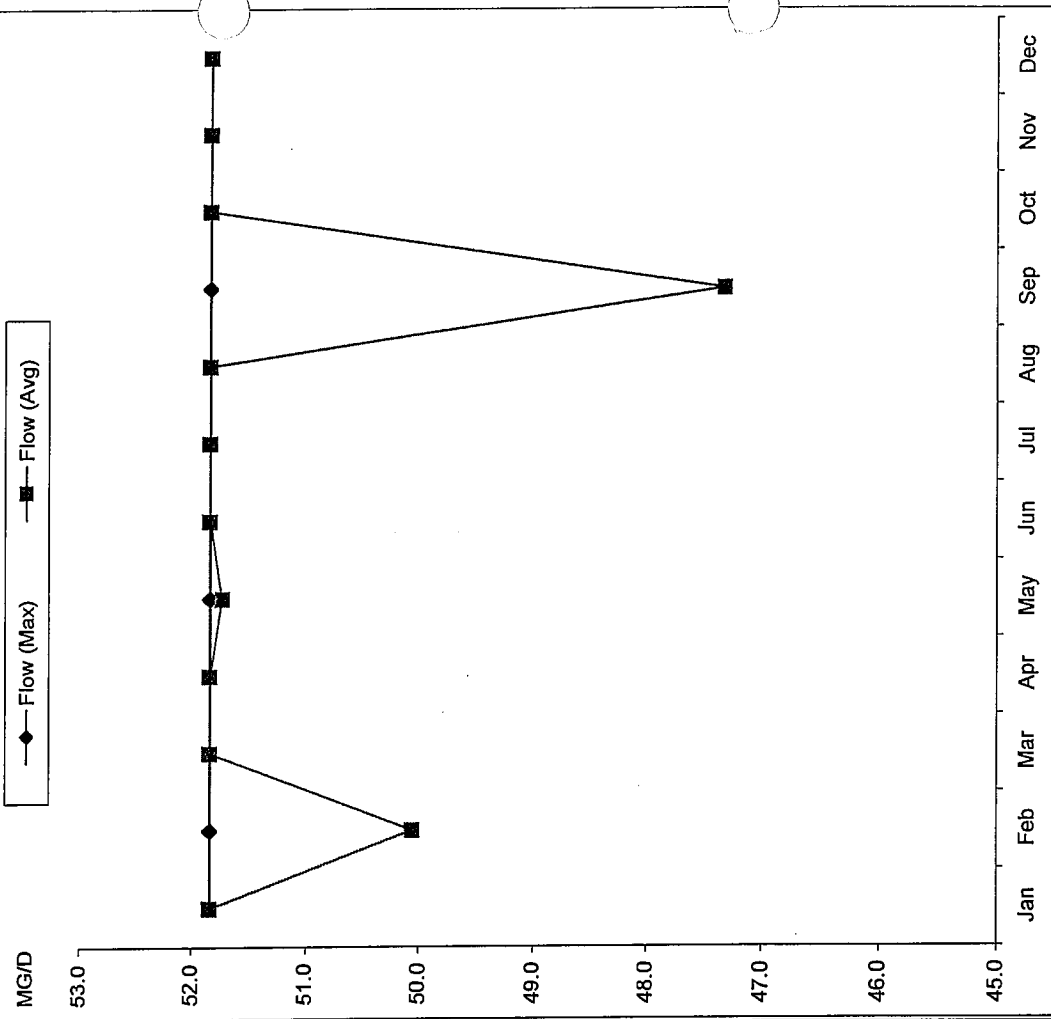
**Effluent Discharge No. 001**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pH (Max)	8.0	8.1	8.1	8.1	8.2	8.1	8.0	8.2	8.1	8.2	8.1	8.1
pH (Min)	7.8	7.8	7.9	7.7	7.8	7.9	7.9	8.0	8.0	8.0	7.9	7.9
Flow (Max)	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
Flow (Avg)	51.8	50.1	51.8	51.8	51.7	51.8	51.8	51.8	47.3	51.8	51.8	51.8

**Discharge #001 pH**



**Discharge #001 Flow**

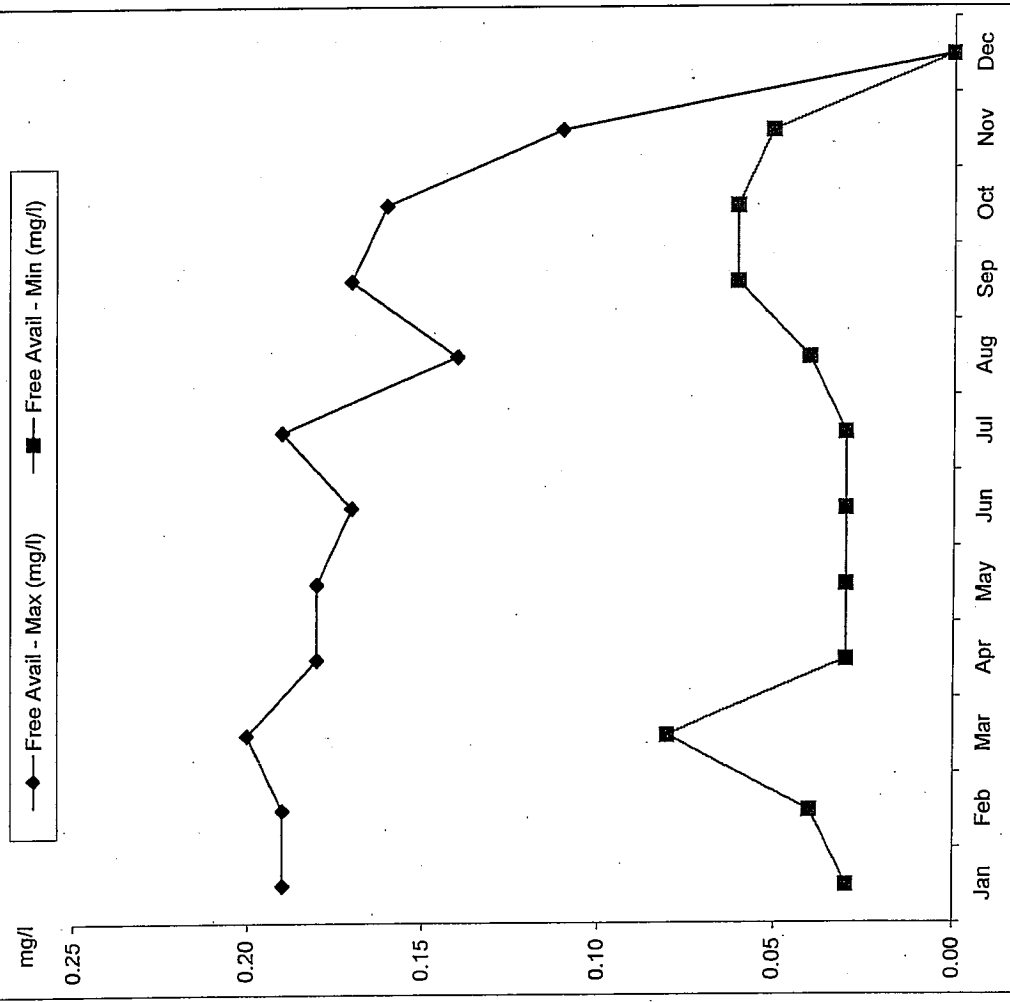


**El Segundo Power, LLC**  
**El Segundo Generating Station**  
**2006**

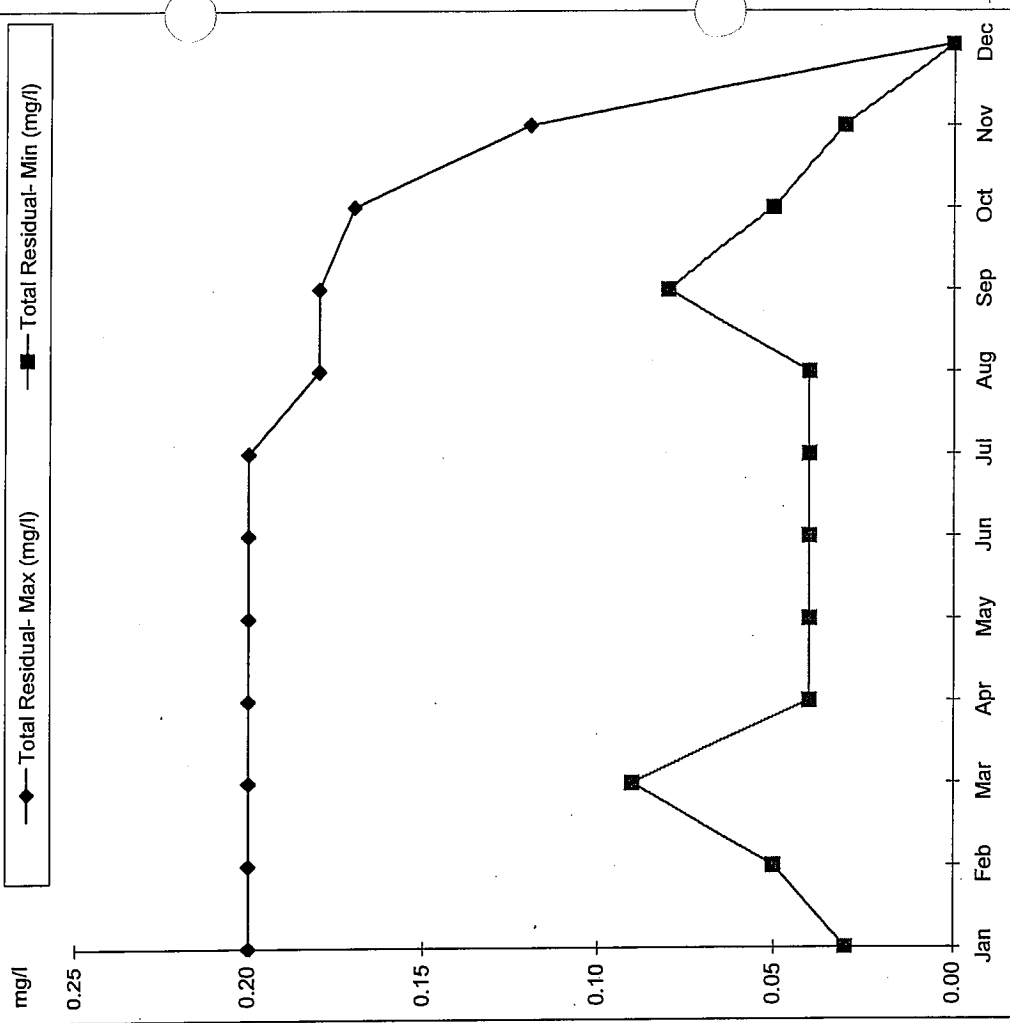
**Effluent Discharge No. 001**

Chlorine	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Free Avail - Max (mg/l)	0.19	0.19	0.20	0.18	0.18	0.17	0.19	0.14	0.17	0.16	0.11	
Free Avail - Min (mg/l)	0.03	0.04	0.08	0.03	0.03	0.03	0.03	0.04	0.06	0.06	0.05	
Total Residual- Max (mg/l)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.18	0.18	0.17	0.12	
Total Residual- Min (mg/l)	0.03	0.05	0.09	0.04	0.04	0.04	0.04	0.04	0.08	0.05	0.03	

**Discharge #001**  
**Free Available Chlorine**



**Discharge #001**  
**Total Residual Chlorine**

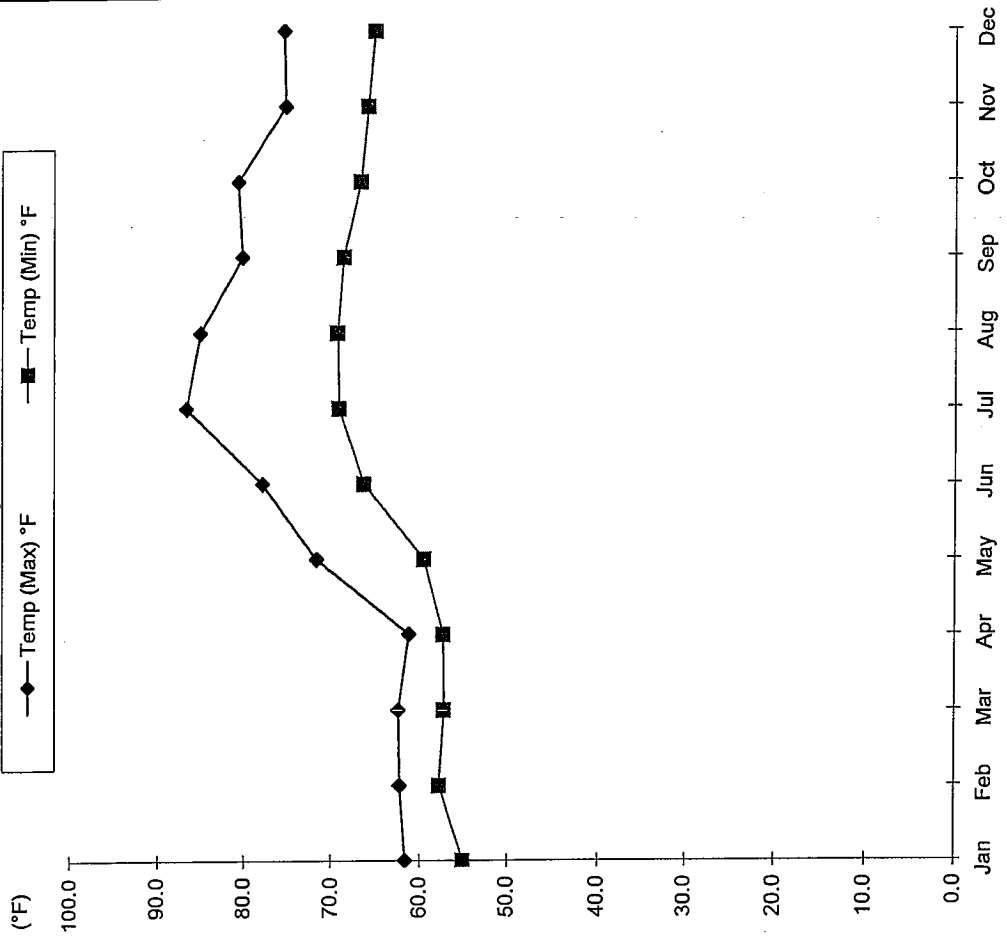


**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

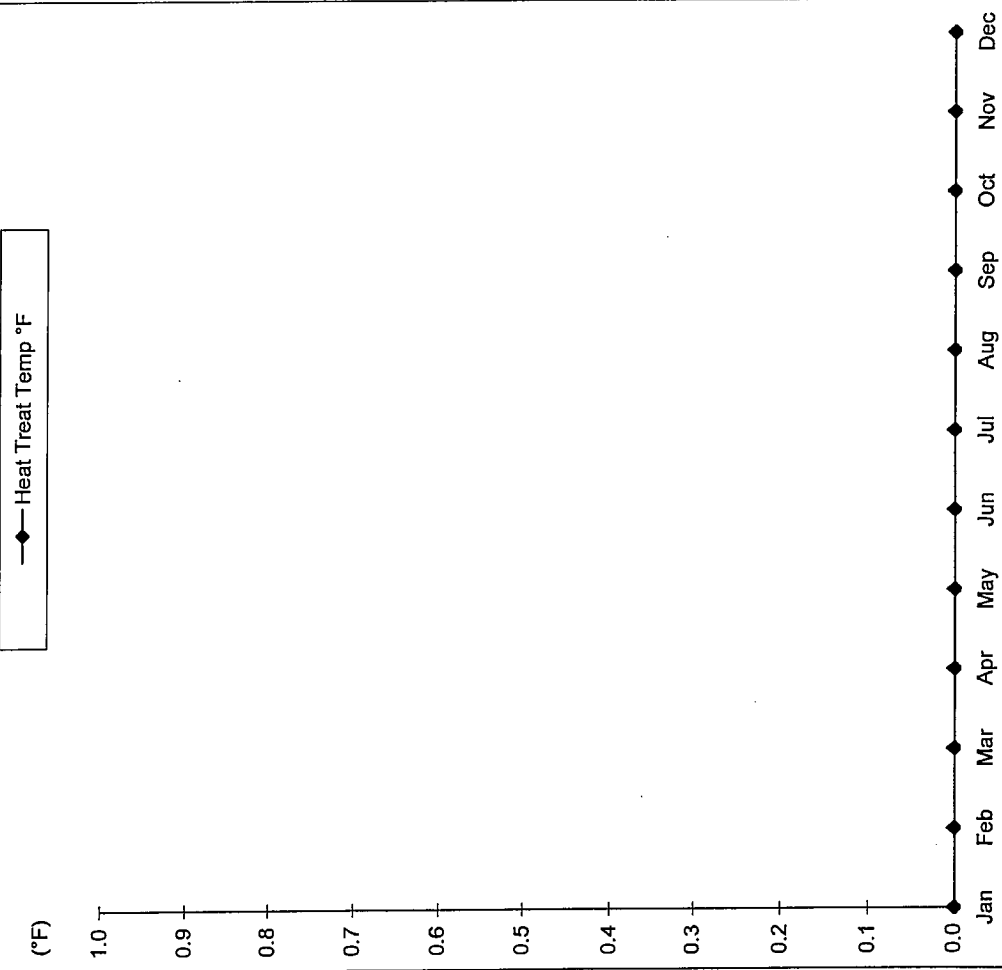
**Effluent Discharge No. 001**

Circ. Water Discharge	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temp.(Max) °F	61.6	62.3	62.4	61.2	71.6	77.8	86.7	85.0	80.2	80.7	75.2	75.4
Temp.(Min) °F	55.1	57.8	57.2	57.3	59.5	66.3	69.1	69.3	68.6	66.7	65.9	65.1
Heat Treat Temp. °F	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0

**Discharge #001  
Temperature**



**Discharge #001  
Maximum Heat Treat Temperature**

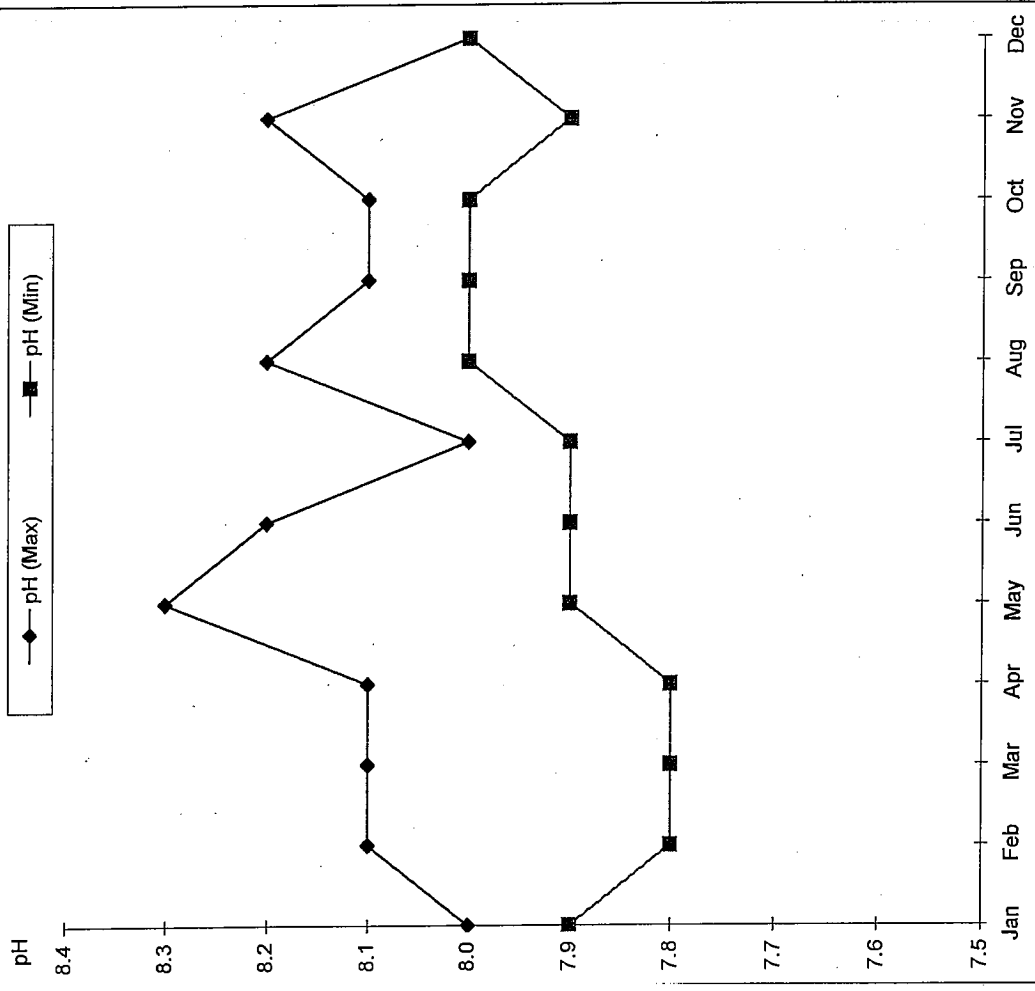


**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

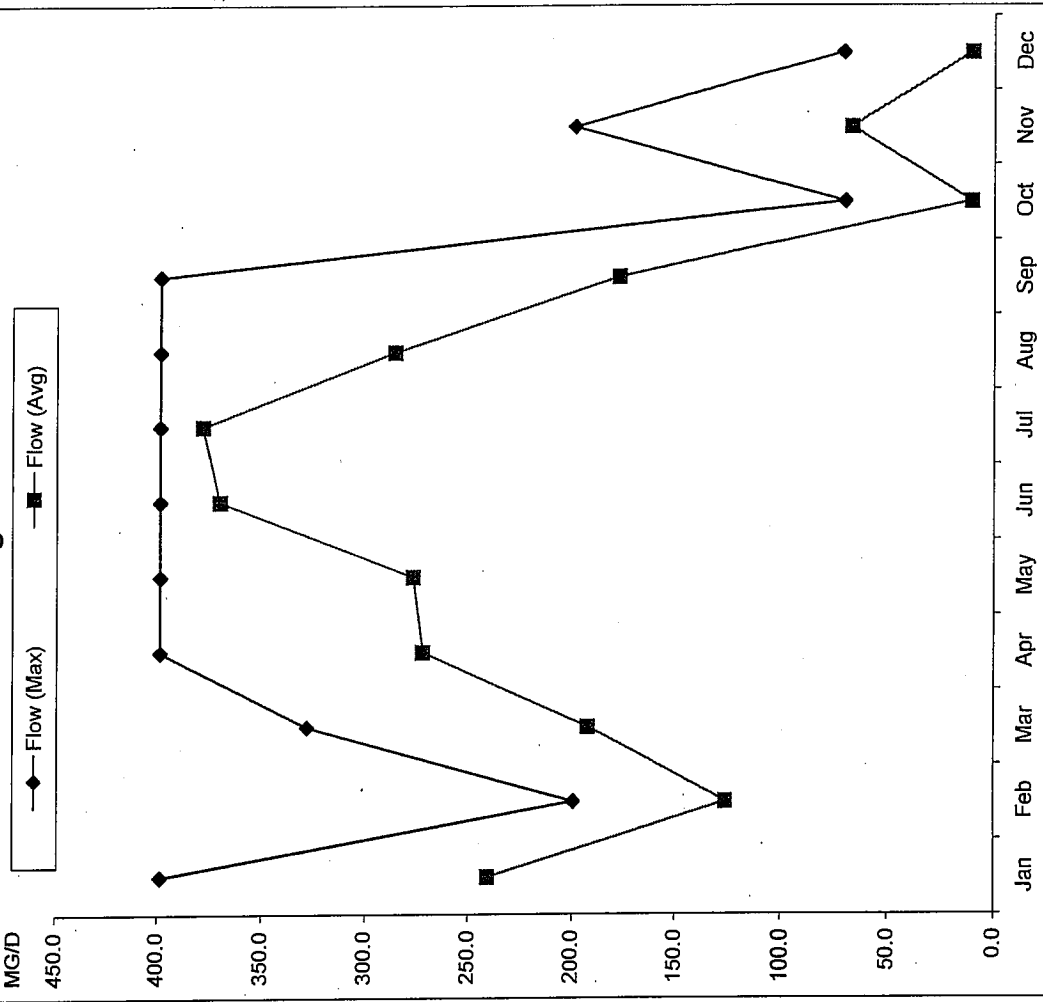
**Effluent Discharge No. 002**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pH (Max)	8.0	8.1	8.1	8.1	8.3	8.2	8.0	8.2	8.1	8.1	8.2	8.0
pH (Min)	7.9	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	7.9	8.0
Flow (Max)	398.6	199.3	328.0	398.6	398.6	398.6	398.6	398.6	398.6	69.8	199.3	70.6
Flow (Avg)	240.3	125.0	192.2	271.9	276.7	369.8	378.1	285.6	177.5	10.5	66.7	10.2

**Discharge #002 pH**



**Discharge #002 Flow**



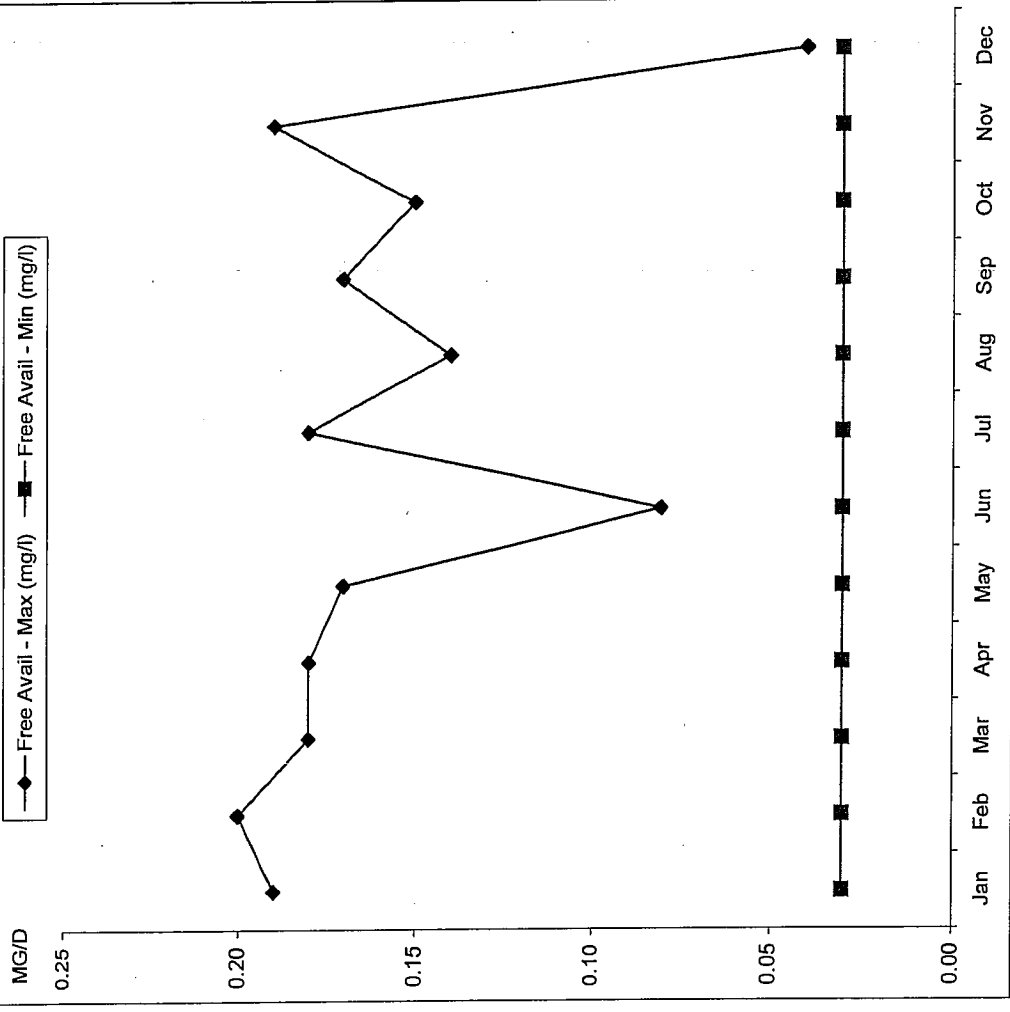
**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

**Effluent Discharge No. 002**

Chlorine	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Free Avail - Max (mg/l)	0.19	0.20	0.18	0.18	0.17	0.08	0.18	0.14	0.17	0.15	0.19	0.04
Free Avail - Min (mg/l)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Total Residual- Max (mg/l)	0.20	0.20	0.20	0.20	0.20	0.08	0.20	0.17	0.20	0.19	0.20	0.06
Total Residual- Min (mg/l)	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

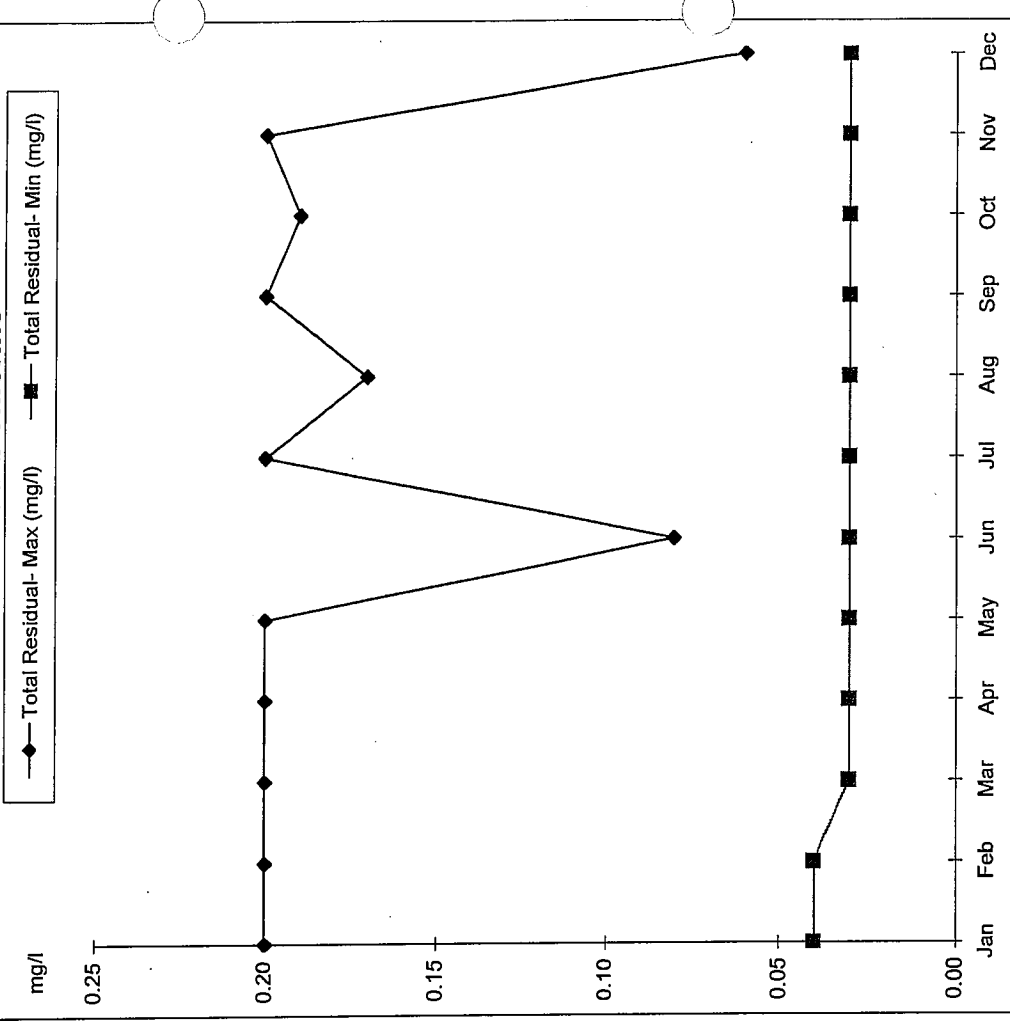
**Discharge #002**

**Free Available Chlorine**



**Discharge #002**

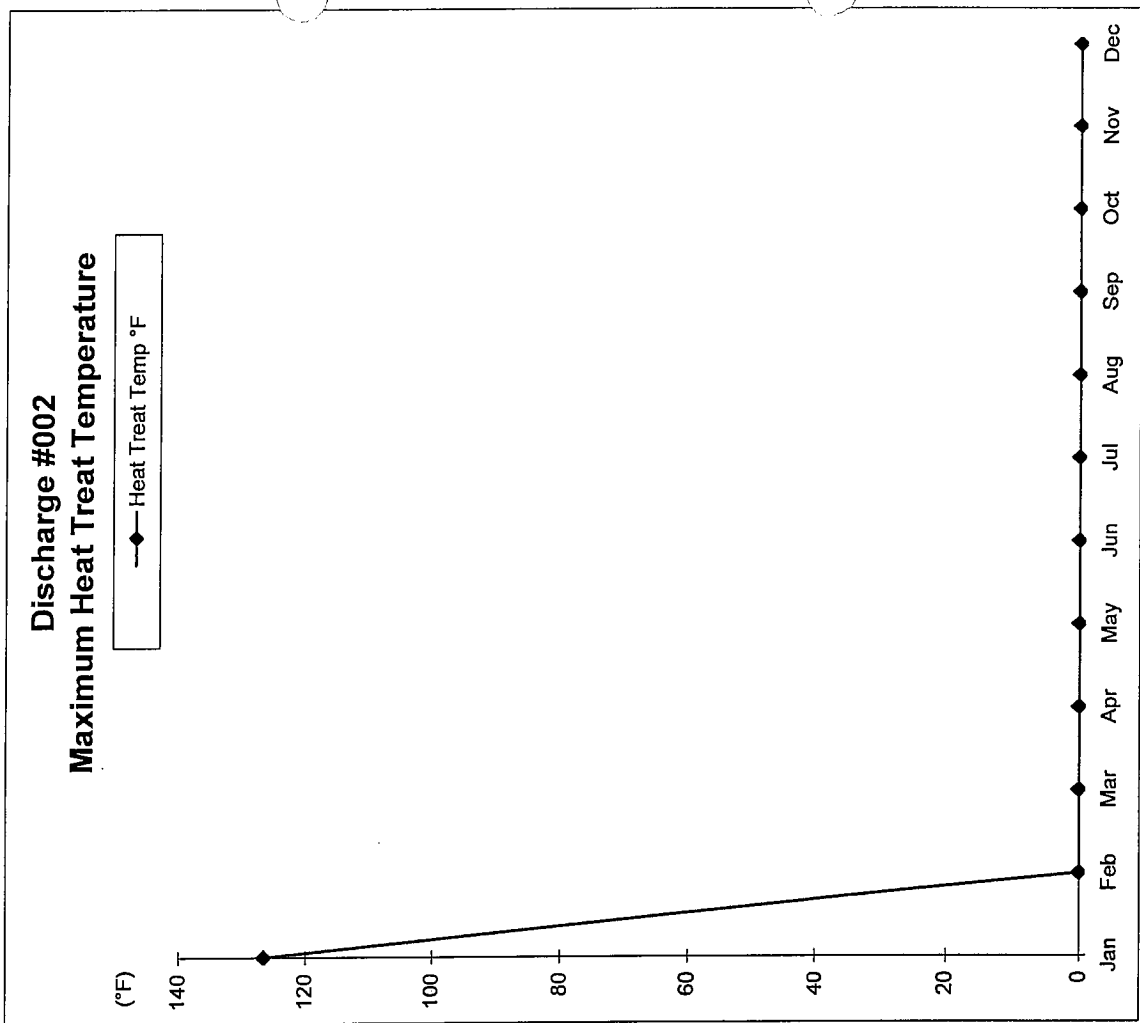
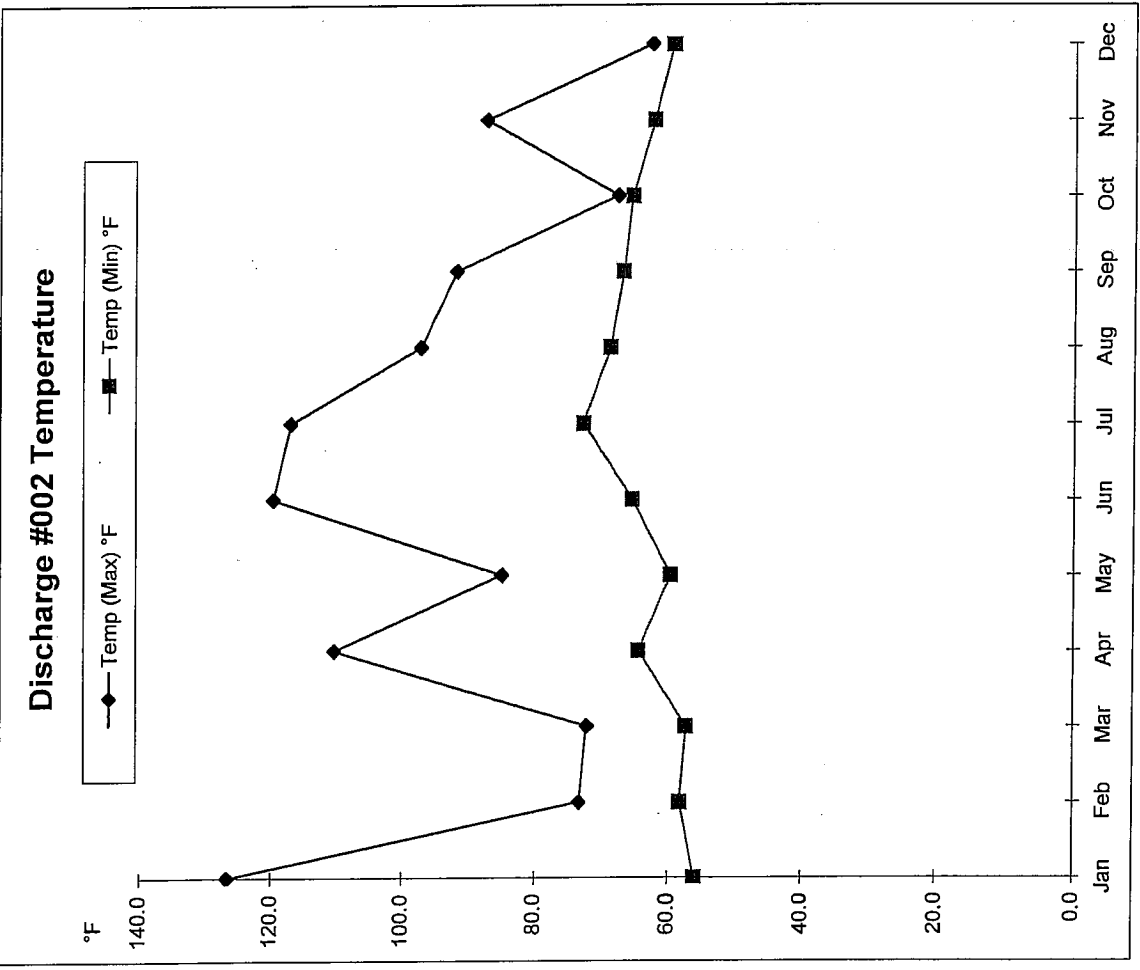
**Total Residual Chlorine**



**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

**Effluent Discharge No. 002**

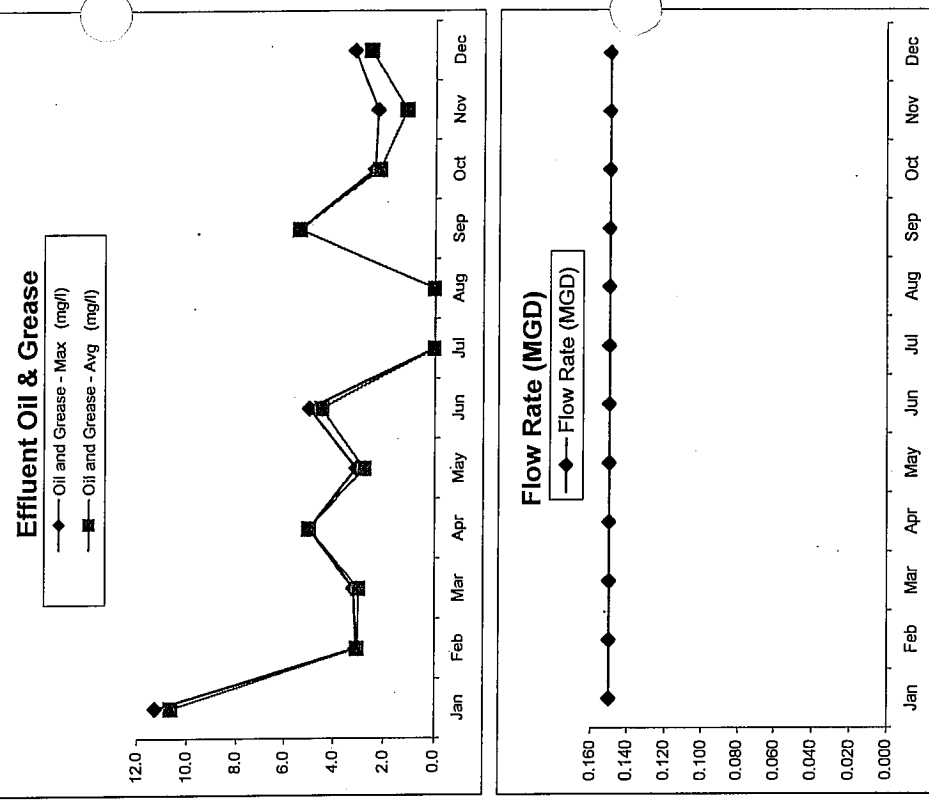
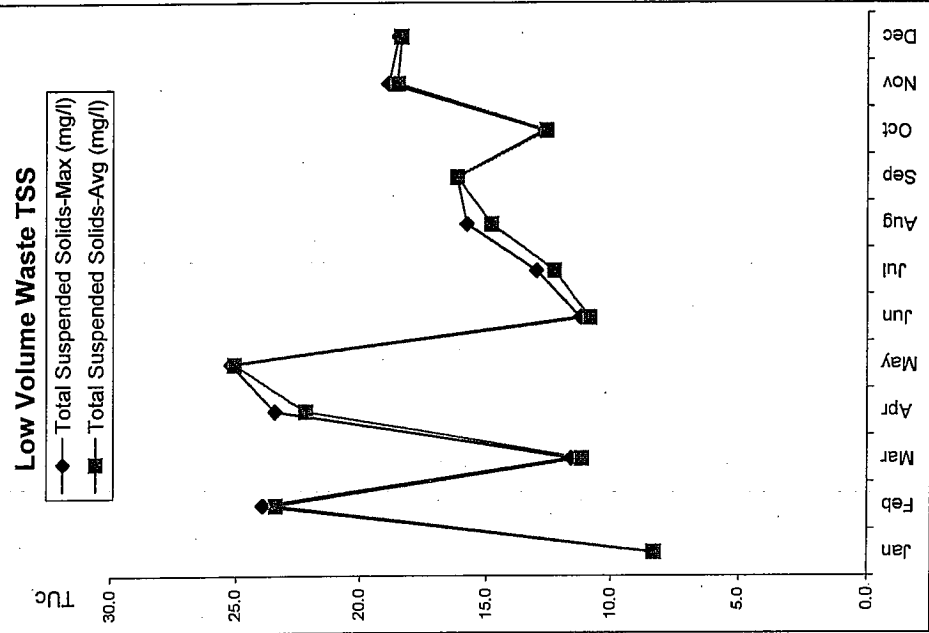
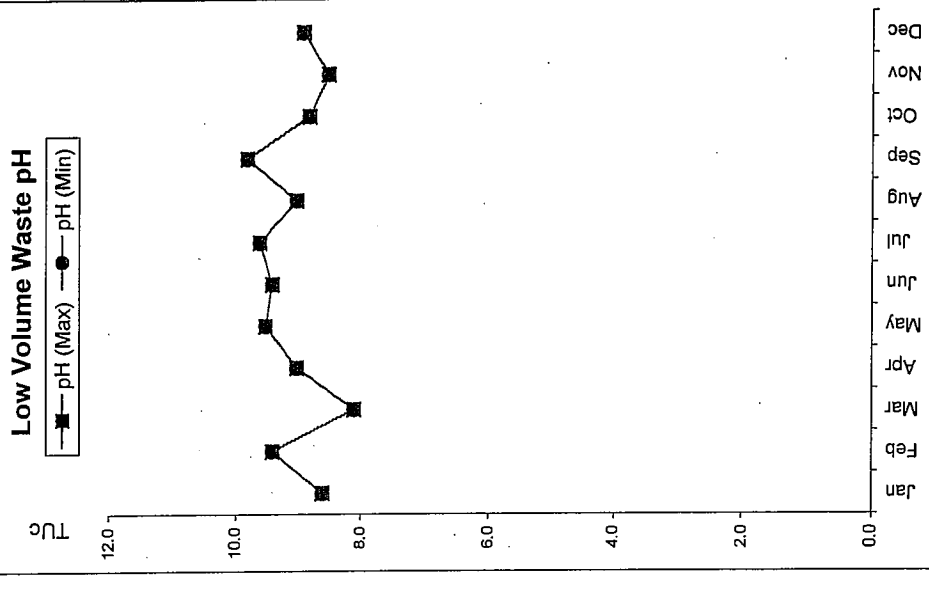
Circ. Water Discharge	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temp (Max) °F	126.6	73.3	72.2	110.3	84.9	119.6	116.9	97.2	91.7	67.6	87.2	62.4
Temp (Min) °F	56.0	58.2	57.2	64.4	59.5	65.4	72.7	68.7	66.7	65.4	62.0	59.2
Heat Treat Temp °F	126.6	0	0	0	0	0	0	0	0	0	0	0





**El Segundo Power, LLC  
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Low Volume Waste Effluent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pH (Max)	8.6	9.4	8.1	9.0	9.5	9.4	9.6	9.0	9.8	8.8	8.5	8.9
pH (Min)	8.6	9.4	8.1	9.0	9.5	9.4	9.6	9.0	9.8	8.8	8.5	8.9
Total Suspended Solids-Max (mg/l)	8.4	23.9	11.6	23.4	25.2	11.2	13.0	15.8	16.2	12.7	18.9	18.5
Total Suspended Solids-Avg (mg/l)	8.4	23.4	11.2	22.2	25.1	10.9	12.3	14.8	16.2	12.6	18.6	18.4
Oil and Grease - Max (mg/l)	11.3	3.1	3.2	5.0	3.1	5.0	ND	ND	5.4	2.4	2.3	3.2
Oil and Grease - Avg (mg/l)	10.7	3.1	3.0	5.0	2.8	4.5	ND	ND	5.4	2.2	1.2	2.6
Flow Rate (MGD)	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150

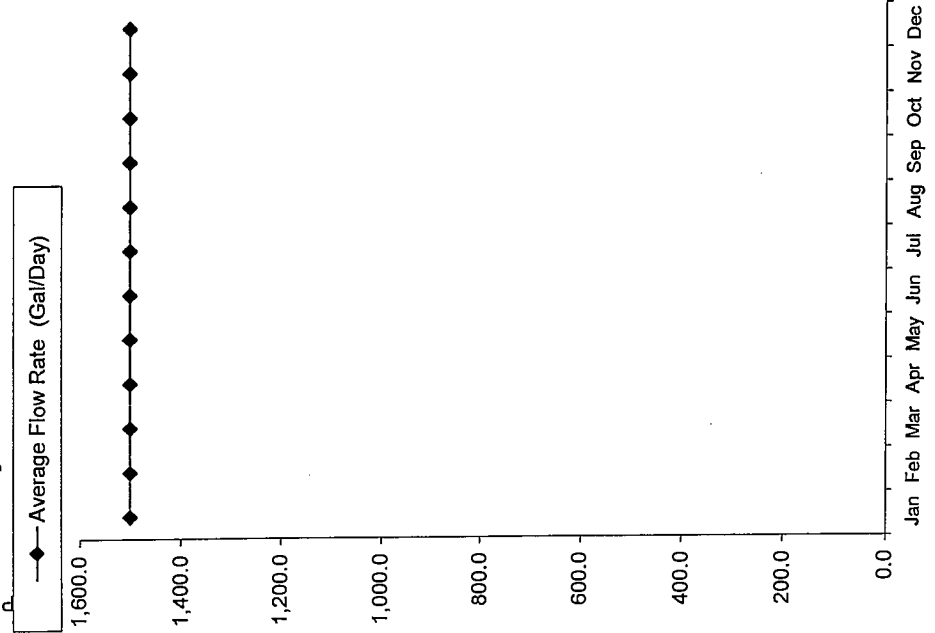


**El Segundo Power, LLC**  
**El Segundo Generating Station**  
**2006**

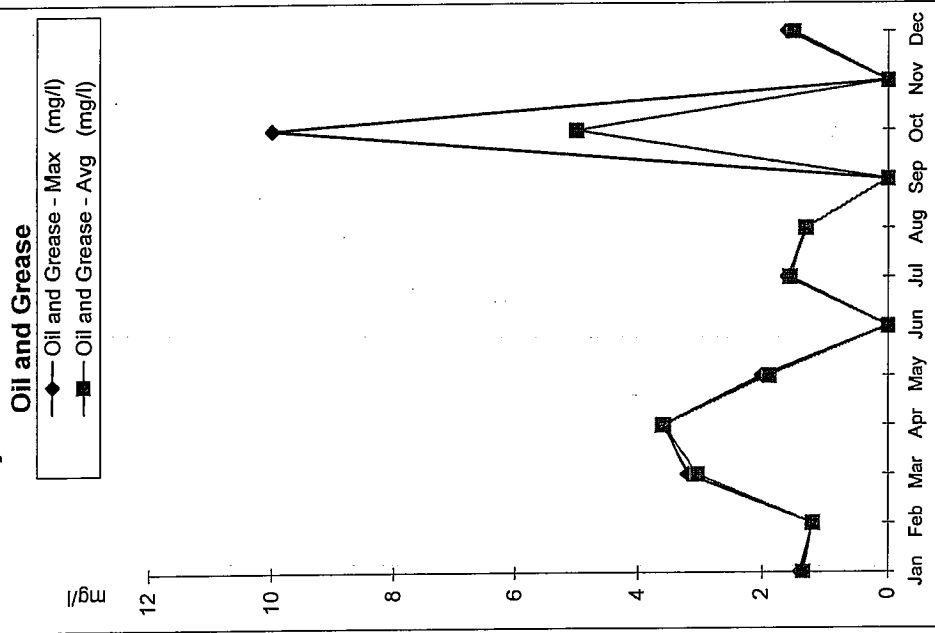
**Treatment Plant No. 1**

Sanitary Wastes		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Average Flow Rate (Gal/Day)		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Oil and Grease - Max (mg/l)		1.4	1.2	3.2	3.6	2	ND	1.6	1.3	ND	10	ND	1.6
Oil and Grease - Avg (mg/l)		1.35	1.2	3.05	3.6	1.9	ND	1.55	1.3	ND	5	ND	1.5
Settleable Solids - Max (ml/l)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Settleable Solids - Avg (ml/l)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

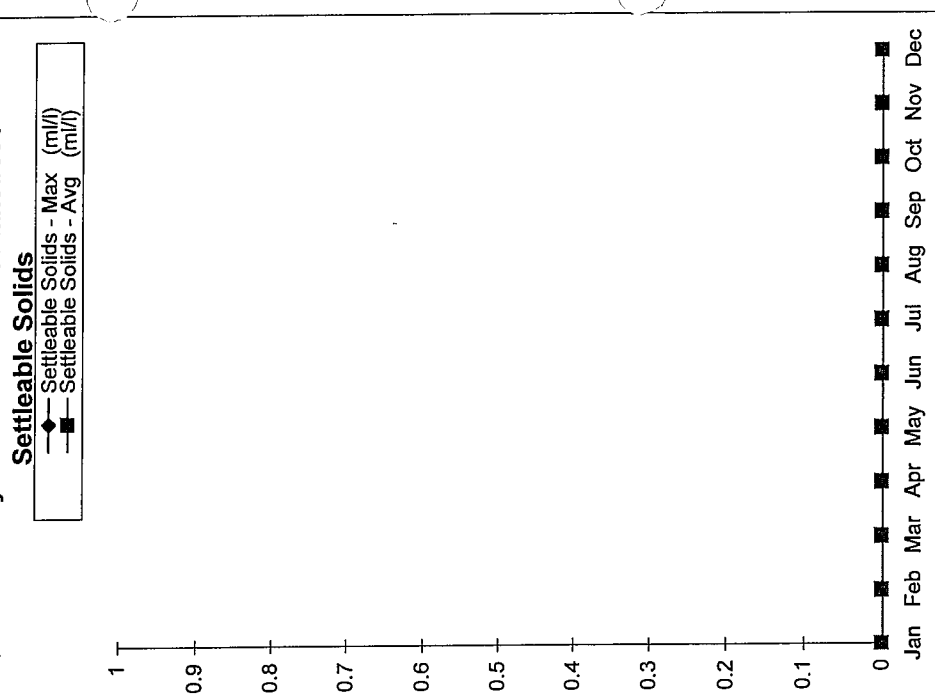
**Sanitary Waste Treatment Plant #001**



**Sanitary Waste Treatment Plant #001**



**Sanitary Waste Treatment Plant #001**

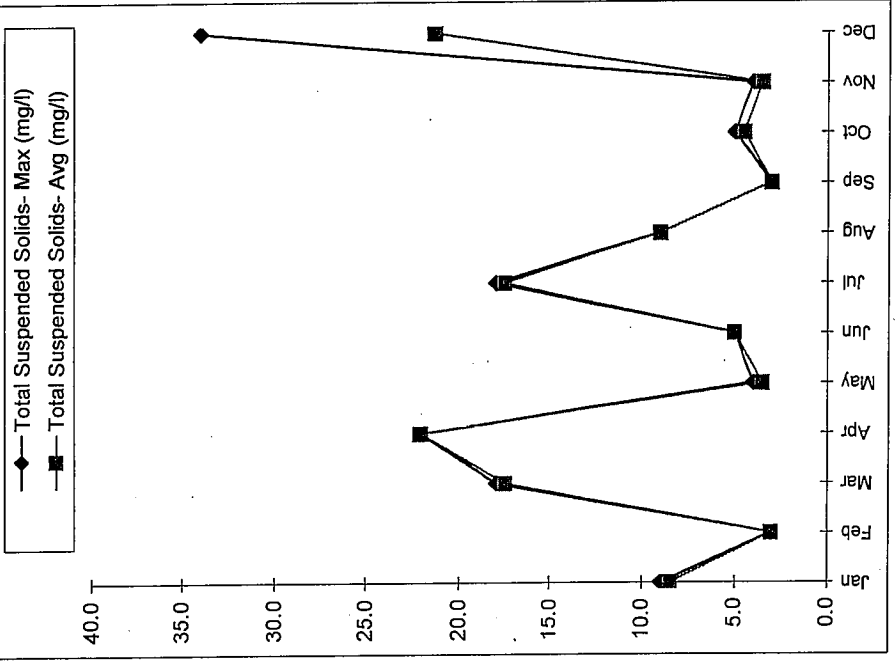


**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

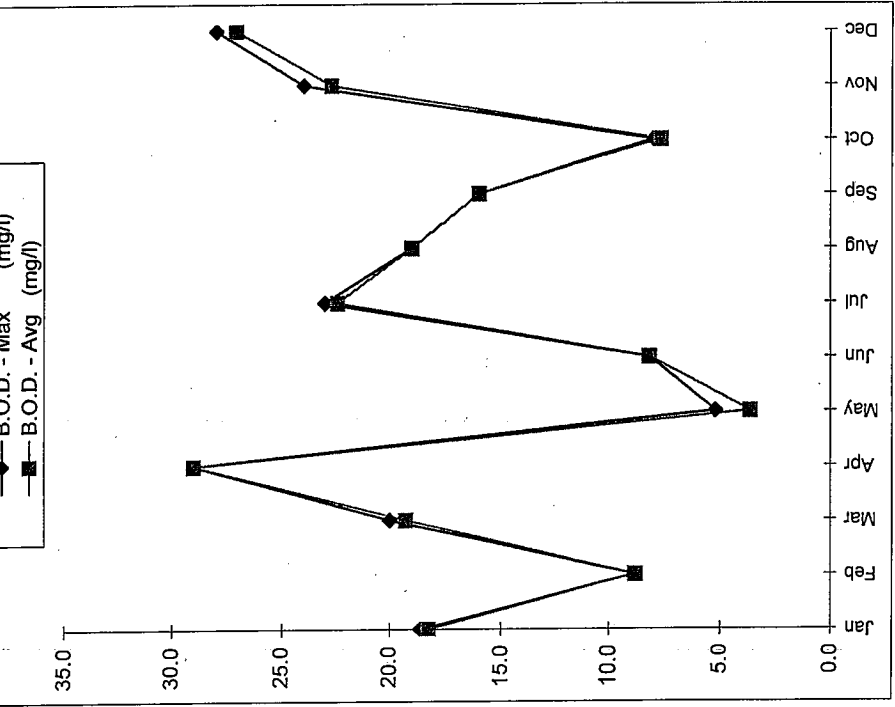
**Treatment Plant No. 1**

Sanitary Wastes		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Suspended Solids- Max (mg/l)		9.0	3.0	18.0	22.0	4.0	5.0	18.0	9.0	3.0	5.0	4.0	34.0
Total Suspended Solids- Avg (mg/l)		8.5	3.0	17.5	22.0	3.5	5.0	17.5	9.0	3.0	4.5	3.5	21.3
<hr/>													
B.O.D. - Max (mg/l)		18.6	8.8	20.0	29.0	5.2	8.2	23.0	19.0	16.0	8.0	24.0	28.0
B.O.D. - Avg (mg/l)		18.3	8.8	19.3	29.0	3.6	8.2	22.4	19.0	16.0	7.7	22.7	27.1
<hr/>													
Total Coliforms (per 100 ml)		110.0	1.0	500.0	190000.0	390.0	1.0	3800.0	900.0	5700.0	3900.0	2000.0	3000.0
Fecal Coliforms (per 100 ml)		1.0	1.0	170.0	57000.0	120.0	1.0	330.0	80.0	2600.0	2000.0	130.0	1300.0

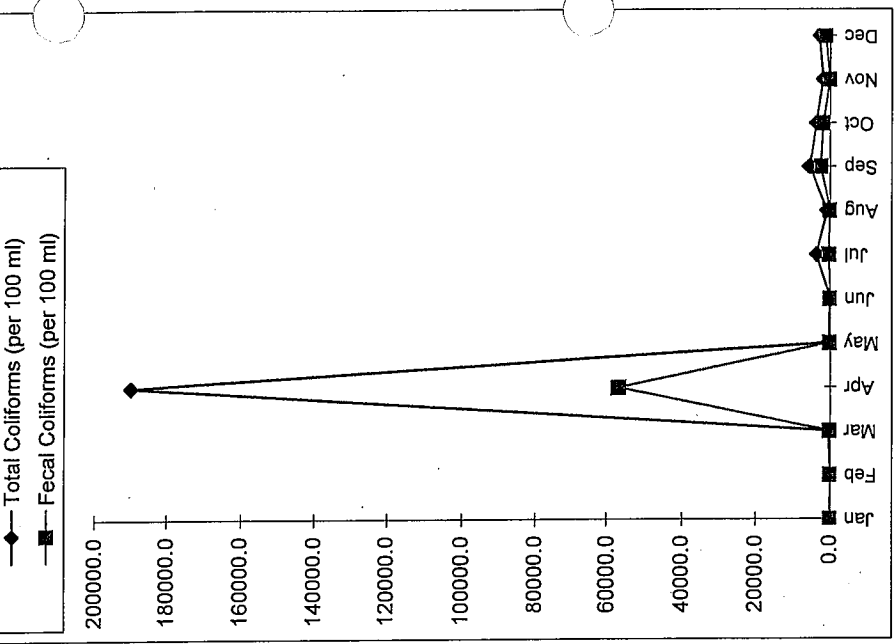
**Sanitary Waste Treatment Plant #001  
Total Suspended Solids**



**Sanitary Waste Treatment Plant #001  
B.O.D.**



**Sanitary Waste Treatment Plant #001  
Coliforms**

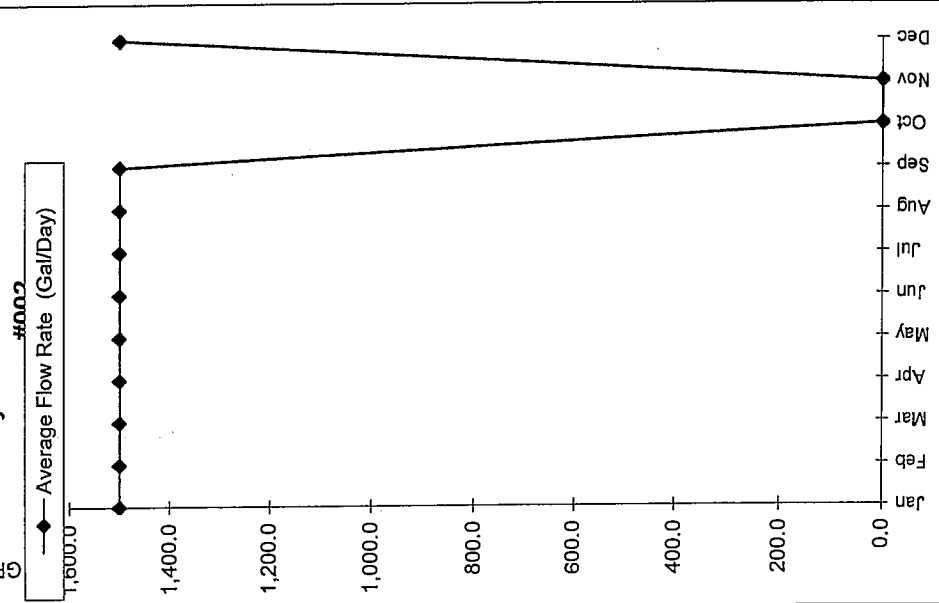


**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

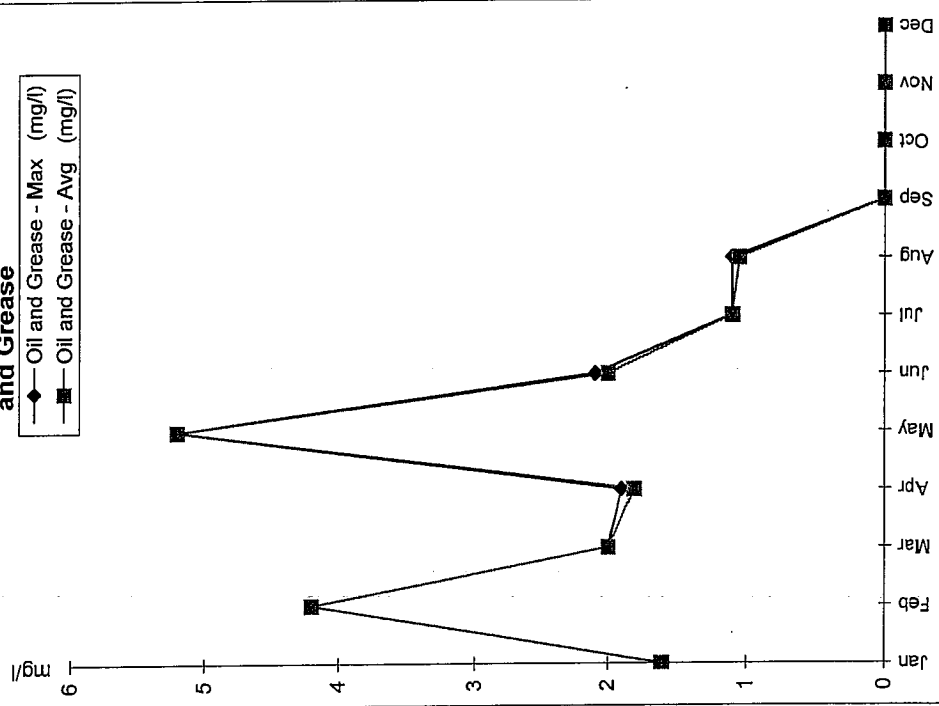
**Treatment Plant No. 2**

Sanitary Wastes	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Average Flow Rate (Gal/Day)	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	0	0	1,500
Oil and Grease - Max (mg/l)	1.6	4.2	2	1.9	5.2	2.1	1.1	1.1	ND	0	ND	ND
Oil and Grease - Avg (mg/l)	1.6	4.2	2	1.8	5.2	2	1.1	1.05	ND	0	ND	ND
Settleable Solids - Max (ml/l)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND	ND
Settleable Solids - Avg (ml/l)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND	ND

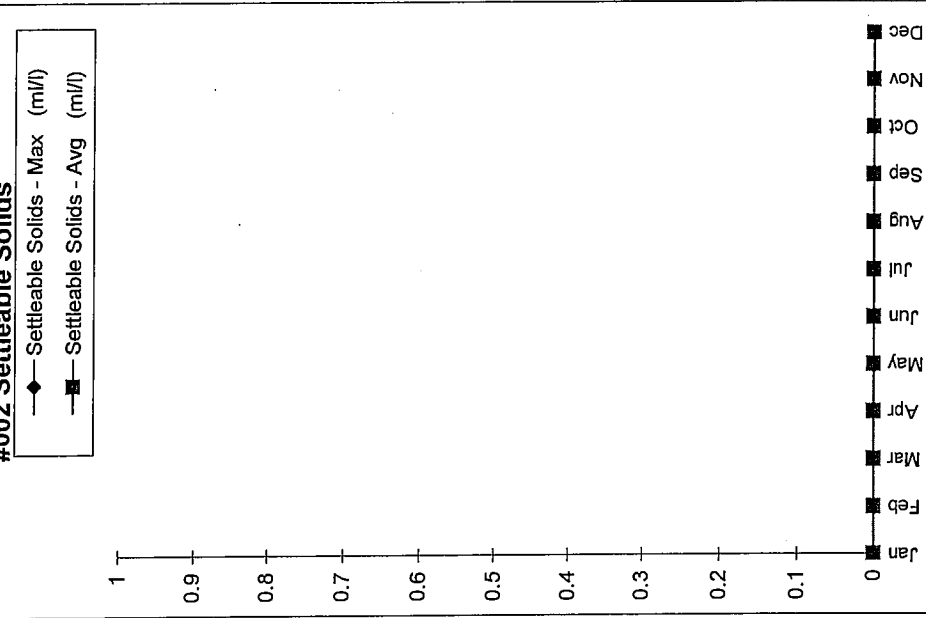
**Sanitary Waste Treatment Plant #002**



**Sanitary Waste Treatment Plant #002 Oil and Grease**

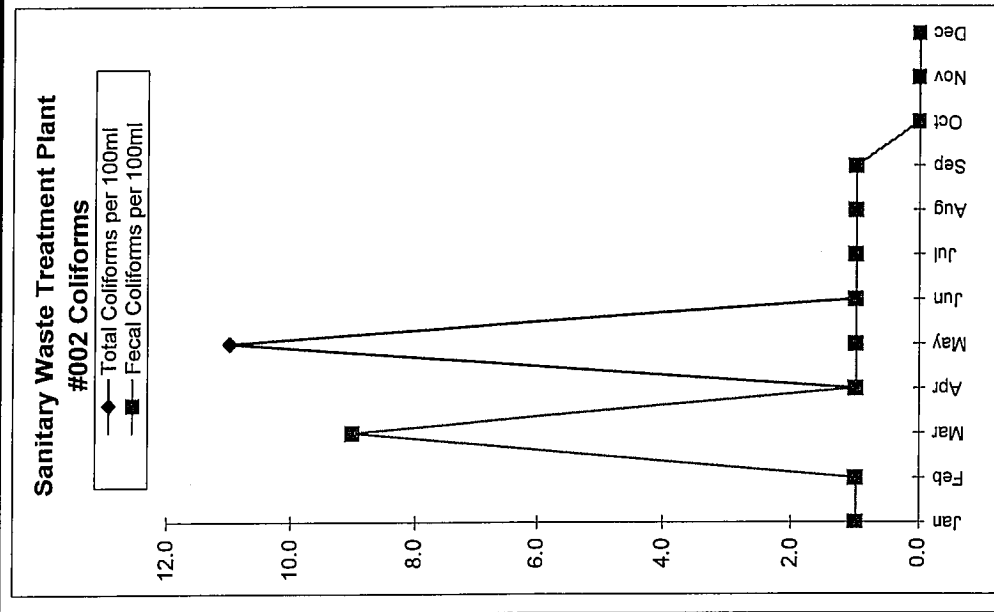
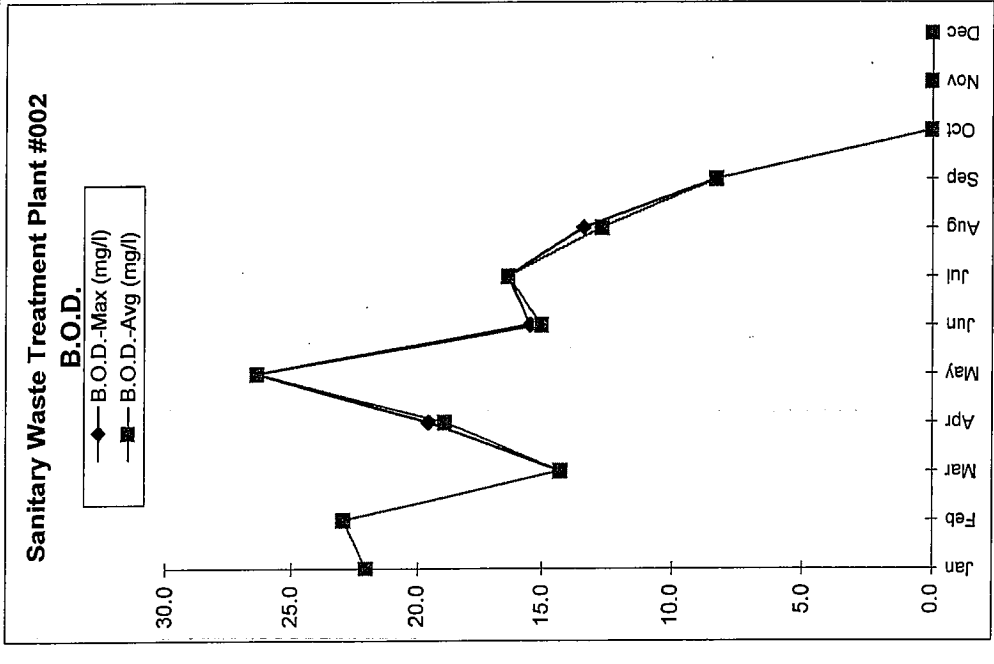
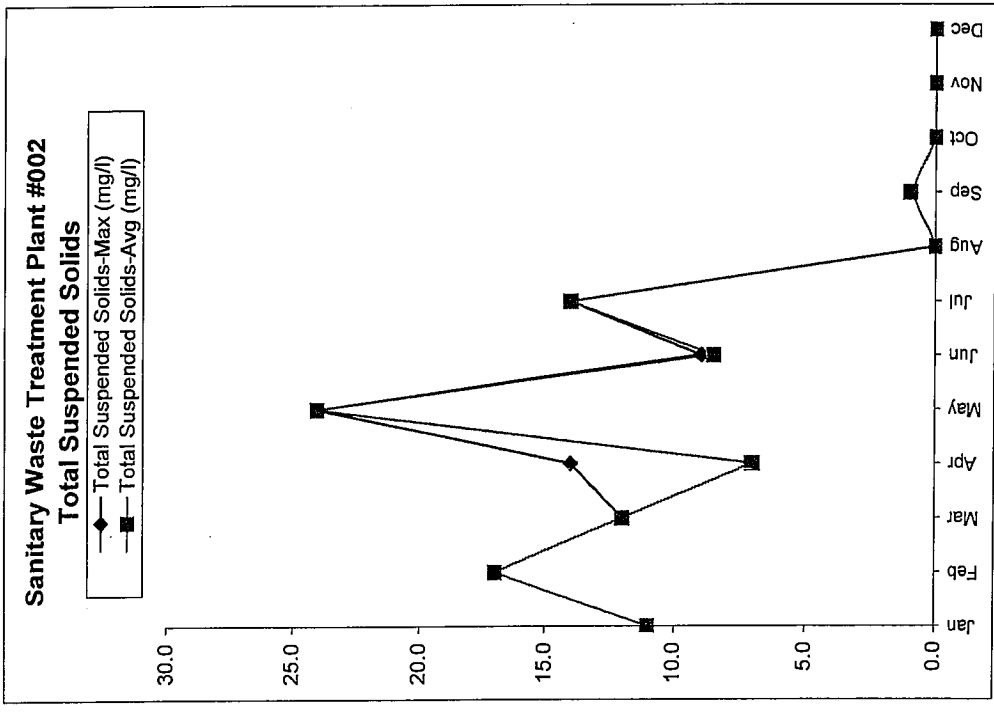


**Sanitary Waste Treatment Plant #002 Settleable Solids**



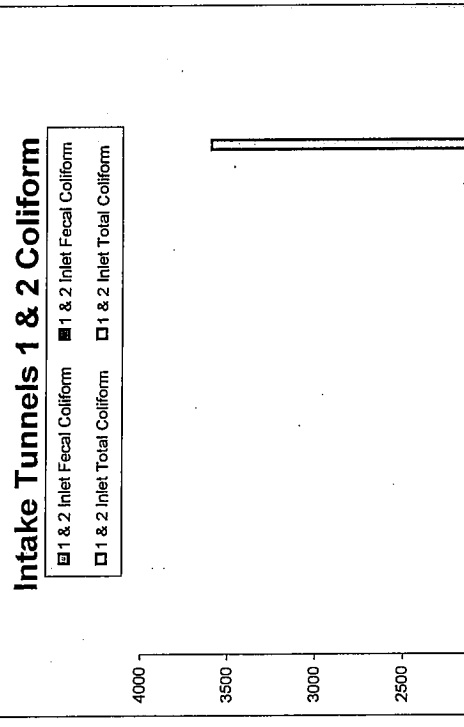
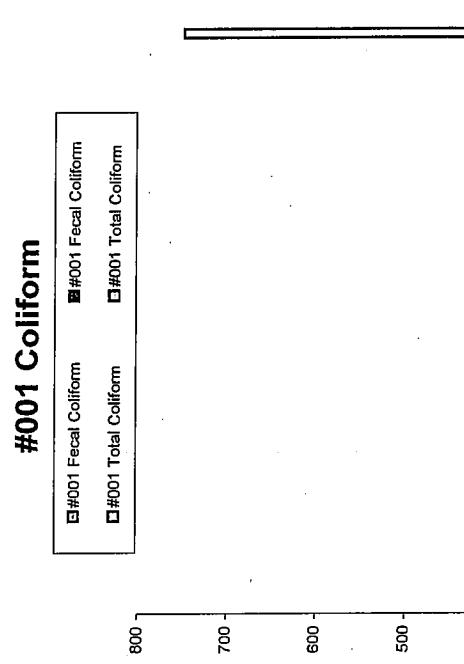
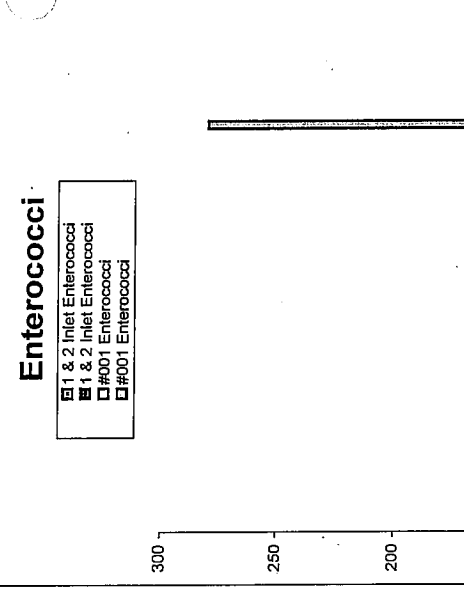
**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

<b>Treatment Plant No. 2</b>												
<b>Sanitary Wastes</b>												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Suspended Solids-Max (mg/l)	11.0	17.0	12.0	14.0	24.0	9.0	14.0	ND	1.0	0.0	ND	ND
Total Suspended Solids-Avg (mg/l)	11.0	17.0	12.0	7.0	24.0	8.5	14.0	ND	1.0	0.0	ND	ND
<hr/>												
B.O.D.-Max (mg/l)	22.0	22.9	14.3	19.6	26.4	15.5	16.4	13.4	8.3	0.0	ND	ND
B.O.D.-Avg (mg/l)	22.0	22.9	14.3	19.0	26.4	15.1	16.4	12.7	8.3	0.0	ND	ND
<hr/>												
Total Coliforms per 100ml	1.0	1.0	9.0	1.0	11.0	1.0	1.0	1.0	1.0	0.0	ND	ND
Fecal Coliforms per 100ml	1.0	1.0	9.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	ND	ND



**El Segundo Power, LLC**  
**El Segundo Generating Station**  
**2006**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Intake Tunnels 1 &amp; 2</b>												
1 & 2 Inlet Fecal Coliform	1	1	1	1	1	1	1	1	1	1600	100	2
1 & 2 Inlet Fecal Coliform	0	0	0	0	0	0	0	0	0	0	0	0
1 & 2 Inlet Total Coliform	30	3	1	1	1	3	1	1	1	3600	1000	7
1 & 2 Inlet Total Coliform	0	0	0	0	0	0	0	0	0	0	0	0
#001 Fecal Coliform	1	1	1	20	1	1	1	1	1	1	1	2
#001 Fecal Coliform	0	0	0	0	0	0	0	0	0	0	0	0
#001 Total Coliform	90	8	1	30	1	3	1	1	1	1	1	750
#001 Total Coliform	0	0	0	0	0	0	0	0	0	0	0	0
1 & 2 Inlet Enterococci	1	1	1	1	1	1	1	1	1	280	20	2
1 & 2 Inlet Enterococci	0	0	0	0	0	0	0	0	0	0	0	0
#001 Enterococci	1	1	1	1	1	1	1	1	1	1	0	2
#001 Enterococci	0	0	0	0	0	0	0	0	0	0	0	0

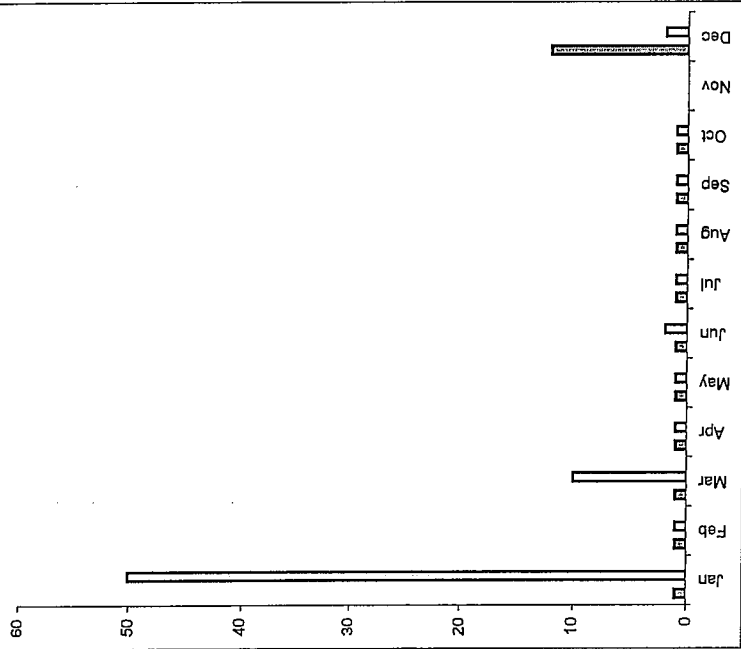


**El Segundo Power, LLC  
El Segundo Generating Station  
2006**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Intake Tunnels 3 &amp; 4</b>	1	1	1	1	1	1	1	1	1	1	0	12
3 & 4 Inlet Fecal Coliform	0	0	0	0	0	0	0	0	0	0	0	0
3 & 4 Inlet Total Coliform	50	1	10	1	1	2	1	1	1	1	0	2
#002 Fecal Coliform	1	1	1	1	1	8	1	1	1	1	0	8
#002 Fecal Coliform	0	0	0	0	0	0	0	0	0	0	0	0
#002 Total Coliform	30	2	30	10	1	10	1	1	1	1	0	8
#002 Total Coliform	0	0	0	0	0	0	0	0	0	0	0	0
3 & 4 Inlet Enterococci	1	1	1	1	1	1	1	1	1	1	1	2
3 & 4 Inlet Enterococci	0	0	0	0	0	0	0	0	0	0	0	0
#002 Enterococci	1	1	1	1	1	1	1	1	1	1	0	2
#002 Enterococci	0	0	0	0	0	0	0	0	0	0	0	0

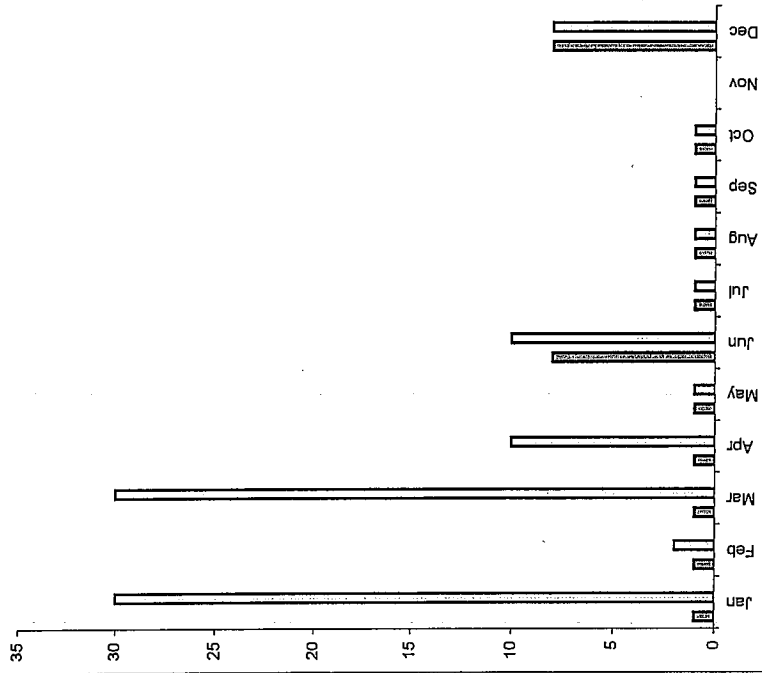
**Intake Tunnels 3 & 4 Coliform**

3 & 4 Inlet Fecal Coliform     3 & 4 Inlet Fecal Coliform  
 3 & 4 Inlet Total Coliform     3 & 4 Inlet Total Coliform



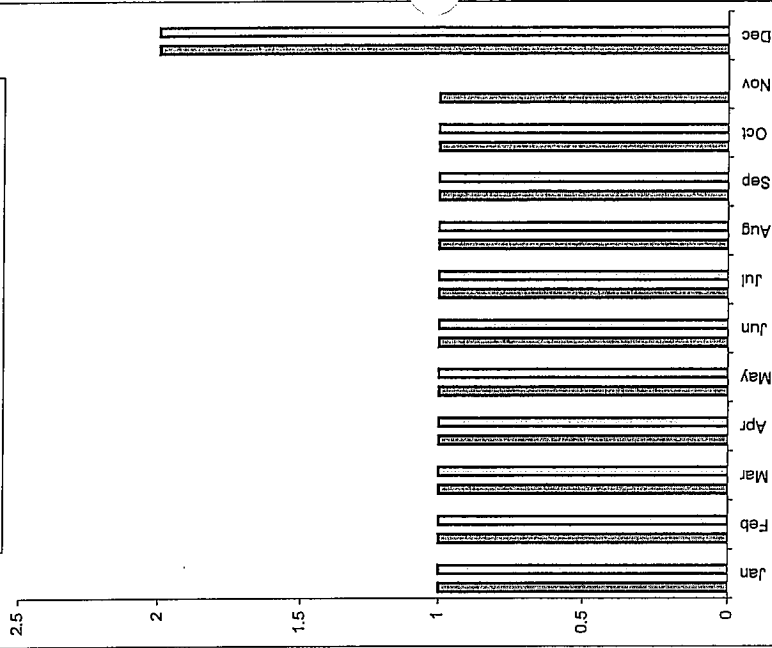
**#002 Coliform**

#002 Fecal Coliform     #002 Fecal Coliform  
 #002 Total Coliform     #002 Total Coliform



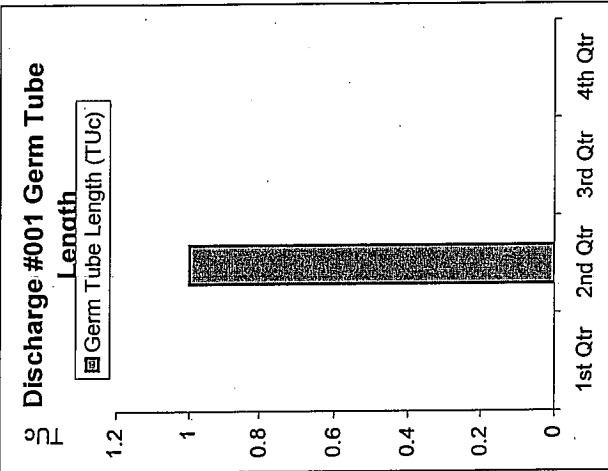
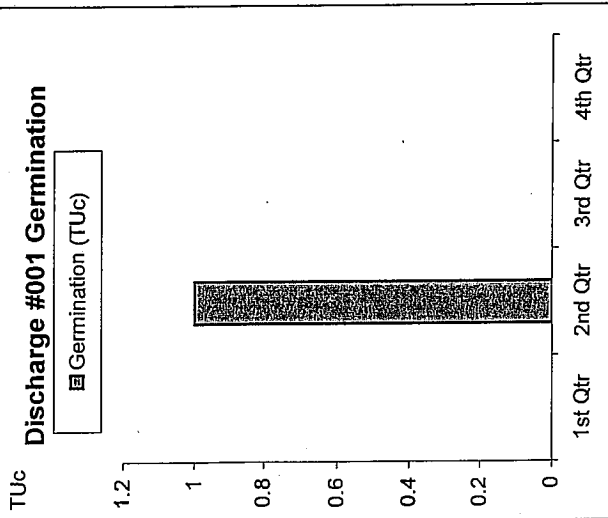
**Enterococci**

3 & 4 Inlet Enterococci     3 & 4 Inlet Enterococci  
 #002 Enterococci     #002 Enterococci



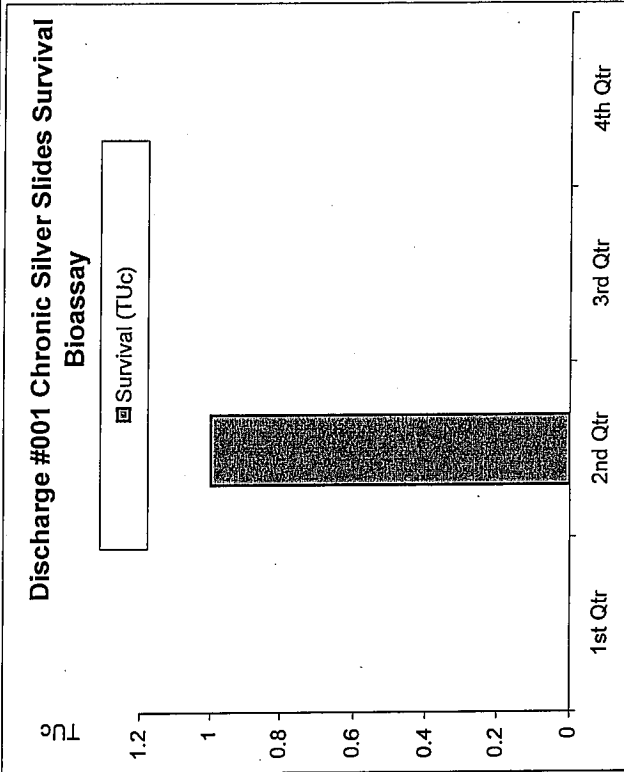
**Chronic Kelp Bioassay**

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Germination (TUc)	0	1	0	0
Germ Tube Length (TUc)	0	1	0	0



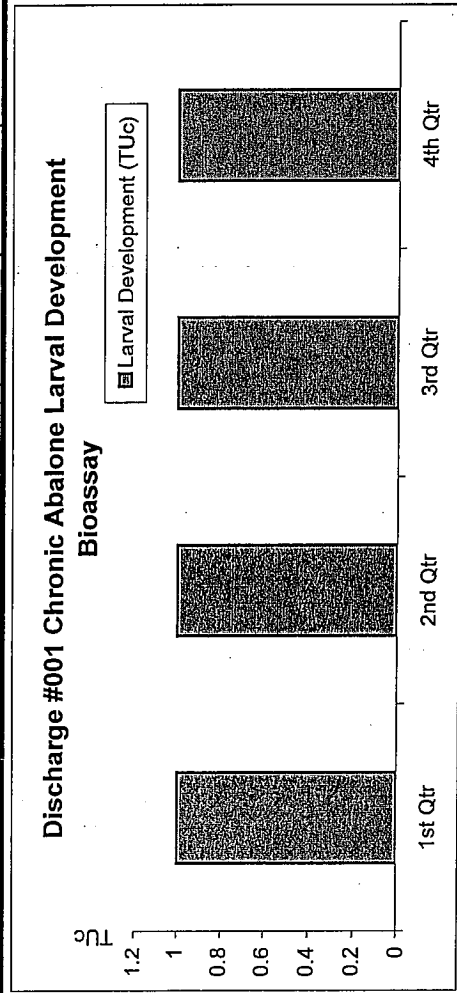
**Chronic Silver Slides & Growth Bioassay**

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Survival (TUc)	0	1	0	0
Growth (TUc)	0	1	0	0



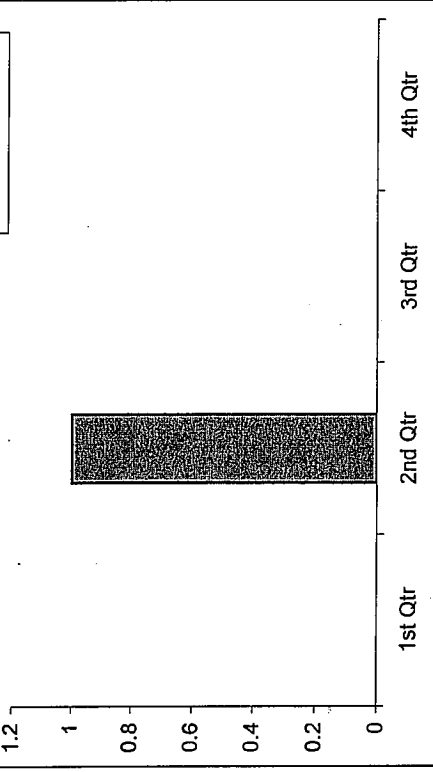
**Chronic Abalone Bioassay**

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Larval Development (TUc)	1	1	1	1



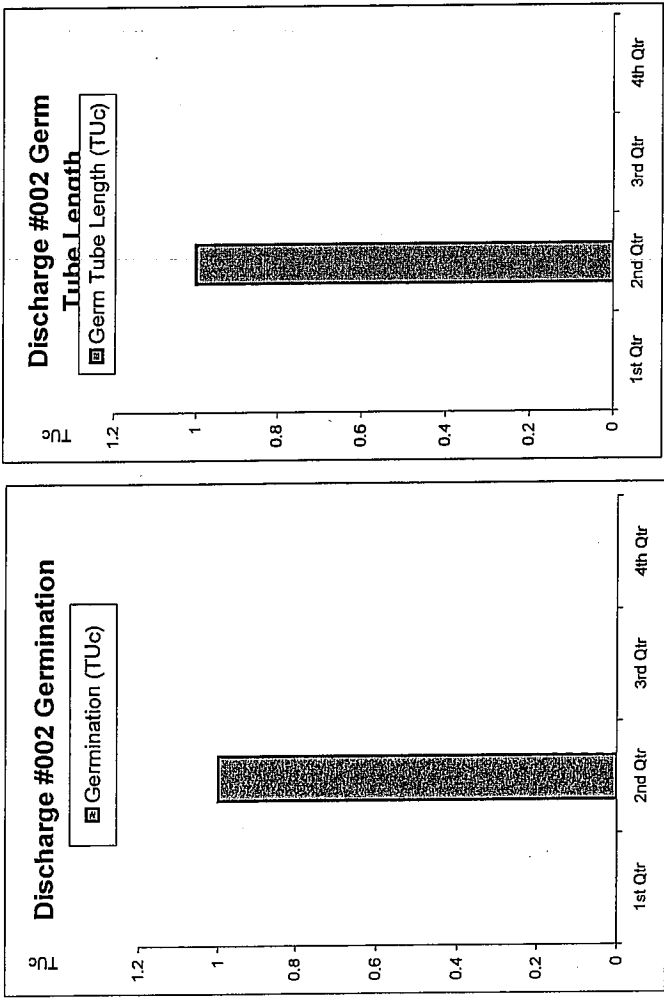
**Discharge #001 Chronic Silver Slides Growth**

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Growth (TUc)	0	1	0	0

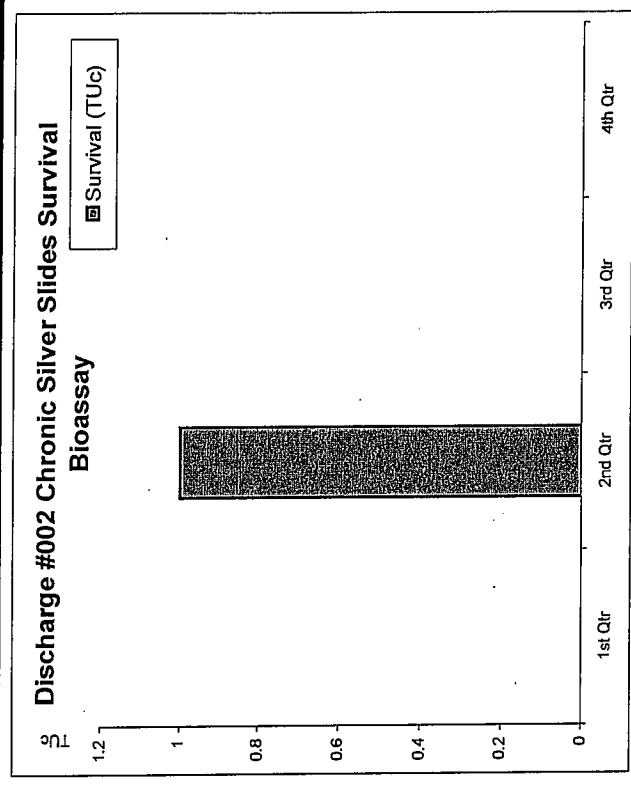




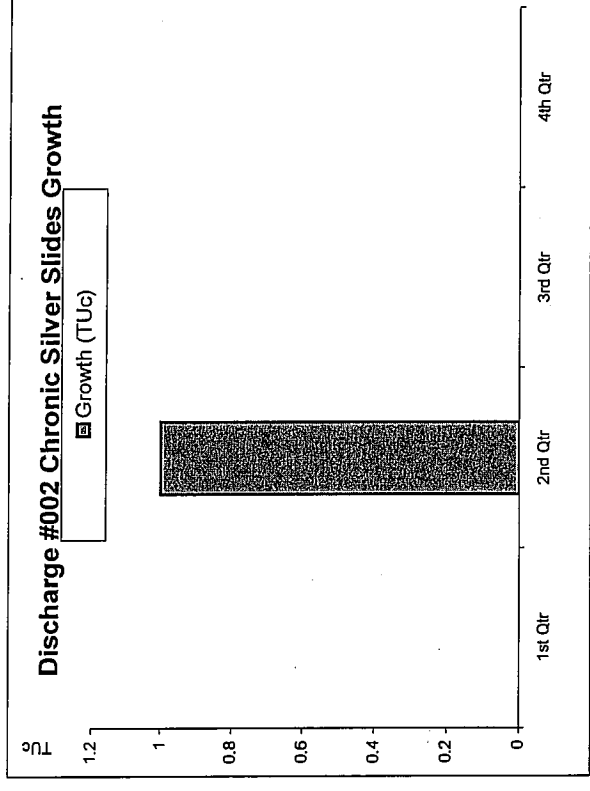
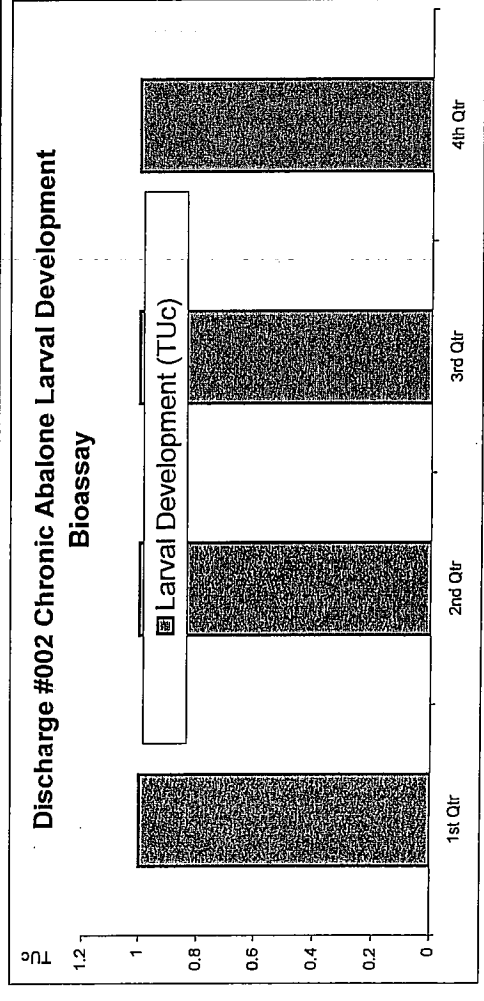
Chronic Kelp Bioassay		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Germination (TUC)		0	1	0	0
Germ. Tube Length (TUC)		0	1	0	0



Chronic Silver Slides & Growth Bioassay		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Survival (TUC)		0	1	0	0
Growth (TUC)		0	1	0	0



Chronic Abalone Essay		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Larval Development (TUC)		1	1	1	1



Retention Basin (Part 1)

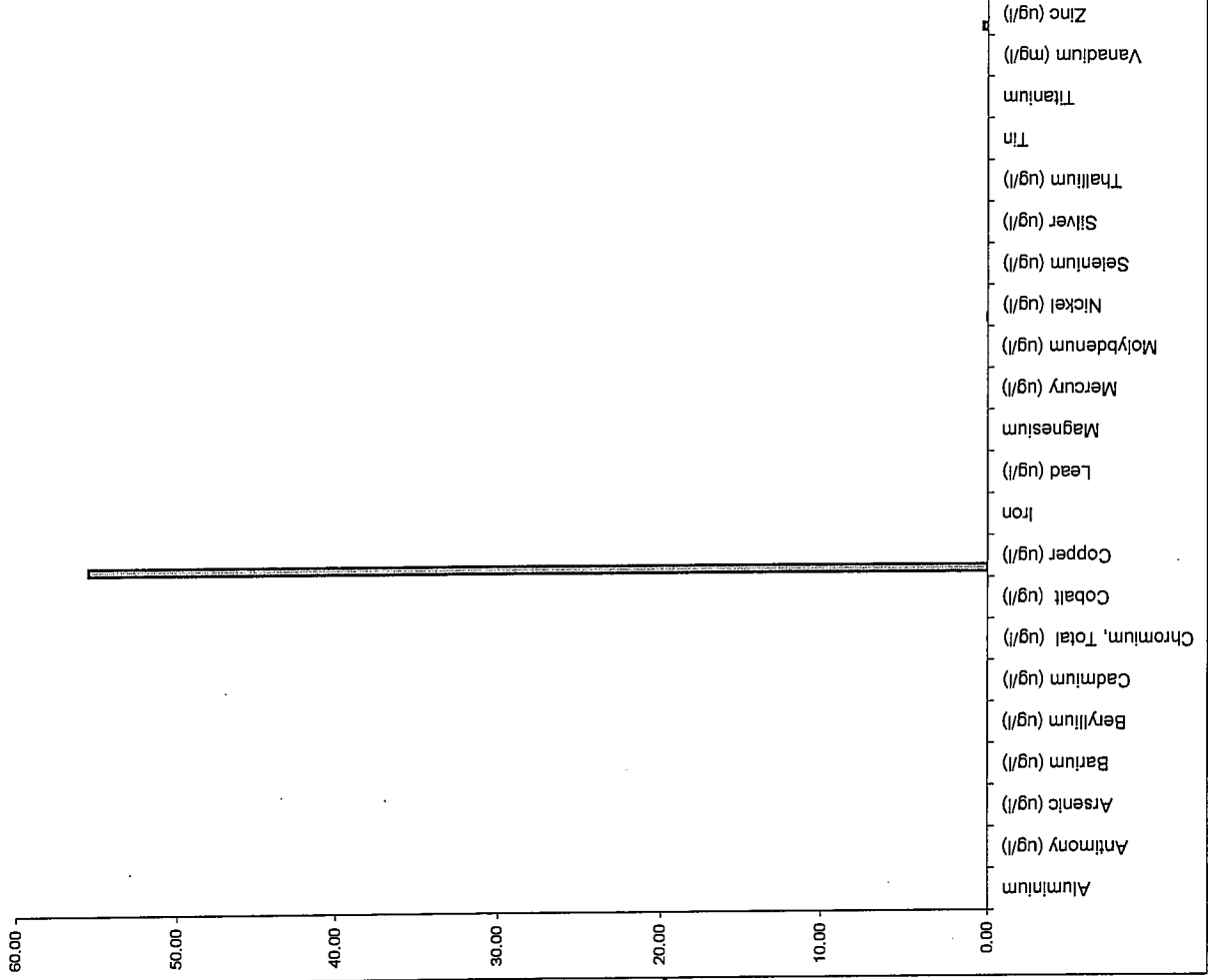
	05/24/06
Aluminum	
Antimony (ug/l)	ND
Arsenic (ug/l)	ND
Barium (ug/l)	
Beryllium (ug/l)	ND
Cadmium (ug/l)	ND
Chromium, Total (ug/l)	ND
Cobalt (ug/l)	
Copper (ug/l)	55.50
Iron	
Lead (ug/l)	ND
Magnesium	
Mercury (ug/l)	0.00
Molybdenum (ug/l)	
Nickel (ug/l)	0.01
Selenium (ug/l)	0.00
Silver (ug/l)	ND
Thallium (ug/l)	ND
Tin	
Titanium	
Vanadium (mg/l)	
Zinc (ug/l)	0.30

Note: Reporting limit inside of parentheses

Retention Basin

Priority Pollutants Part 1

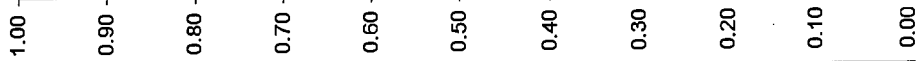
05/24/06



Retention Basin  
 Priority Pollutants Part 2

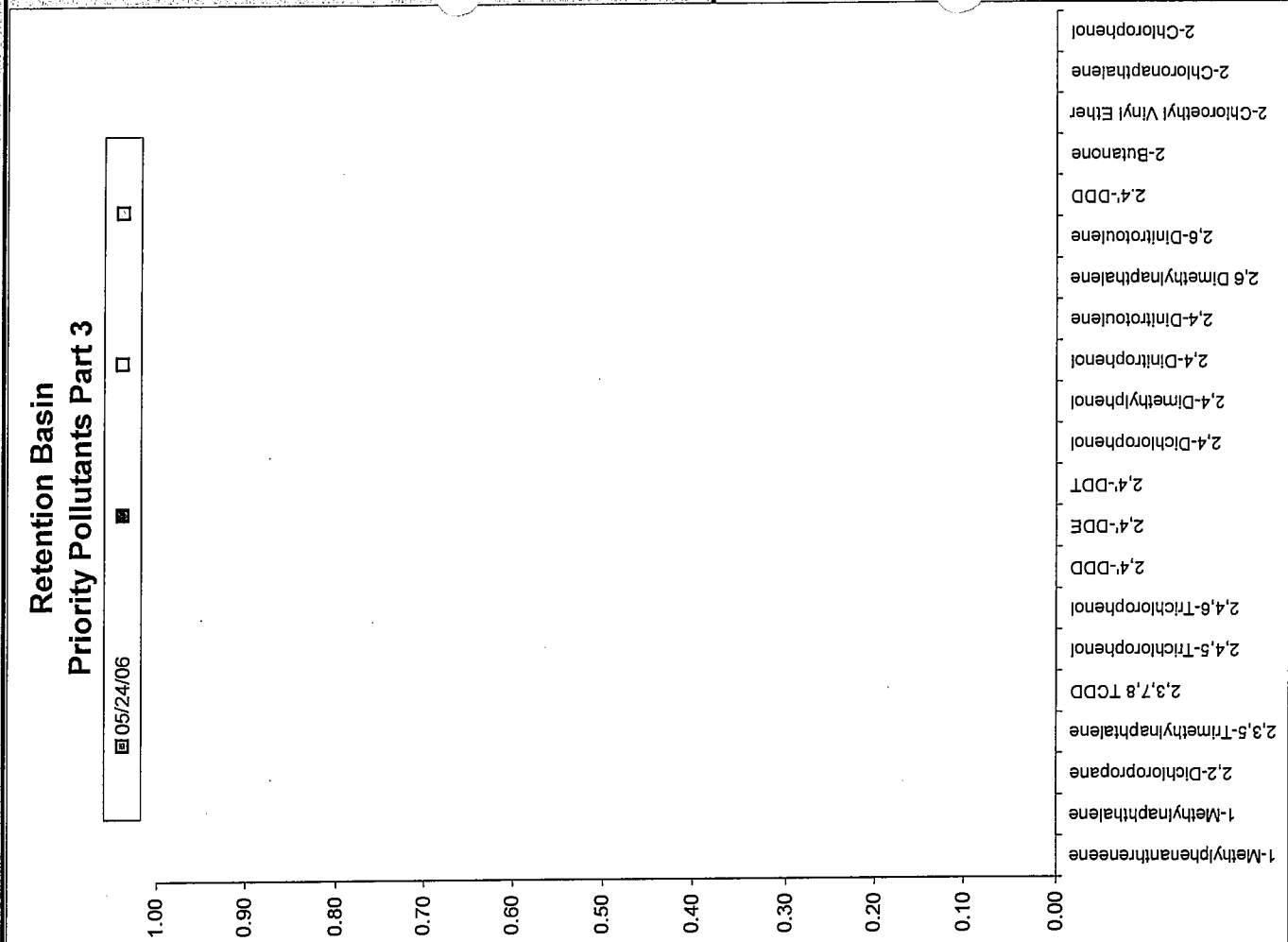
05/24/06

Retention Basin (Part 2)	05/24/06
1,1,1,2-Tetrachloroethane	ND
1,1,1-Trichloroethane	ND
1,1,2,2-Tetrachloroethane	ND
1,1,2-Trichloroethane	ND
1,1-Dichloroethane	ND
1,1-Dichloropropane	
1,1-Dichloropropene	
1,2,3-Trichlorobenzene	
1,2,3-Trichloropropane	
1,2,4-Trichlorobenzene	ND
1,2,4-Trimethylbenzene	
1,2-Dibromoethane	
1,2-Dichlorobenzene	ND
1,2-Dichloroethane	ND
1,2-Diphenylhydrazine	ND
1,2-Dichloropropane	ND
1,3,5-Trimethylbenzene	
1,3-Dichloropropane	
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
1,2-Dibromo-3-Chloropropane	

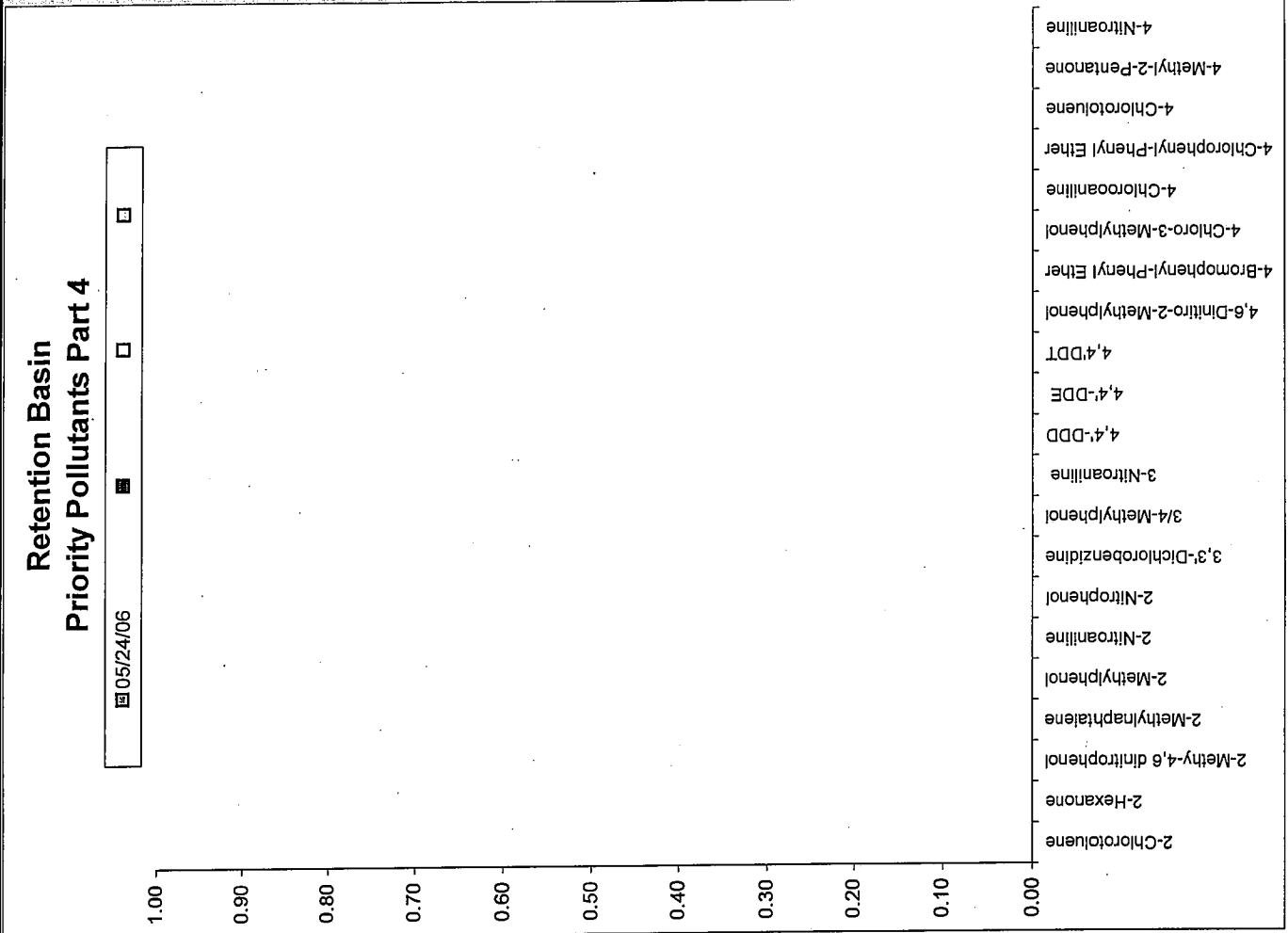


1,1,1,2-Tetrachloroethane  
 1,1,2,2-Tetrachloroethane  
 -1,1,2-Trichloroethane  
 1,1-Dichloroethane  
 1,1-Dichloropropane  
 1,1-Dichloropropene  
 1,2,3-Trichlorobenzene  
 1,2,3-Trichloropropane  
 1,2,4-Trichlorobenzene  
 1,2,4-Trimethylbenzene  
 1,2-Dibromoethane  
 1,2-Dichlorobenzene  
 1,2-Dichloroethane  
 1,2-Diphenylhydrazine  
 1,2-Dichloropropane  
 1,3,5-Trimethylbenzene  
 1,3-Dichloropropane  
 1,3-Dichlorobenzene  
 1,4-Dichlorobenzene  
 1,2-Dibromo-3-Chloropropane

Retention Basin (Part 3)	05/24/06
1-Methylphenanthrene	
1-Methylnaphthalene	
2,2-Dichloropropane	
2,3,5-Trimethylnaphthalene	
2,3,7,8-TCDD	ND
2,4,5-Trichlorophenol	ND
2,4,6-Trichlorophenol	ND
2,4-DDD	
2,4-DDE	
2,4-DDT	
2,4-Dichlorophenol	ND
2,4-Dimethylphenol	ND
2,4-Dinitrophenol	ND
2,4-Dinitrotoluene	ND
2,6-Dimethylnaphthalene	
2,6-Dinitrotoluene	ND
2,4-DDD	
2-Butanone	
2-Chloroethyl Vinyl Ether	ND
2-Chloronaphthalene	ND
2-Chlorophenol	ND



Retention Basin (Part 4)	05/24/06
2-Chlorotoluene	
2-Hexanone	
2-Methy-4,6-dinitrophenol	ND
2-Methylnaphthalene	
2-Methylphenol	
2-Nitroaniline	
2-Nitrophenol	ND
3,3'-Dichlorobenzidine	ND
3/4-Methylphenol	
3-Nitroaniline	
4,4'-DDD	ND
4,4'-DDE	ND
4,4'-DDT	ND
4,6-Dinitro-2-Methylphenol	ND
4-Bromophenyl-Phenyl Ether	ND
4-Chloro-3-Methylphenol	ND
4-Chloroaniline	
4-Chlorophenyl-Phenyl Ether	ND
4-Chlorotoluene	
4-Methyl-2-Pentanone	
4-Nitroaniline	

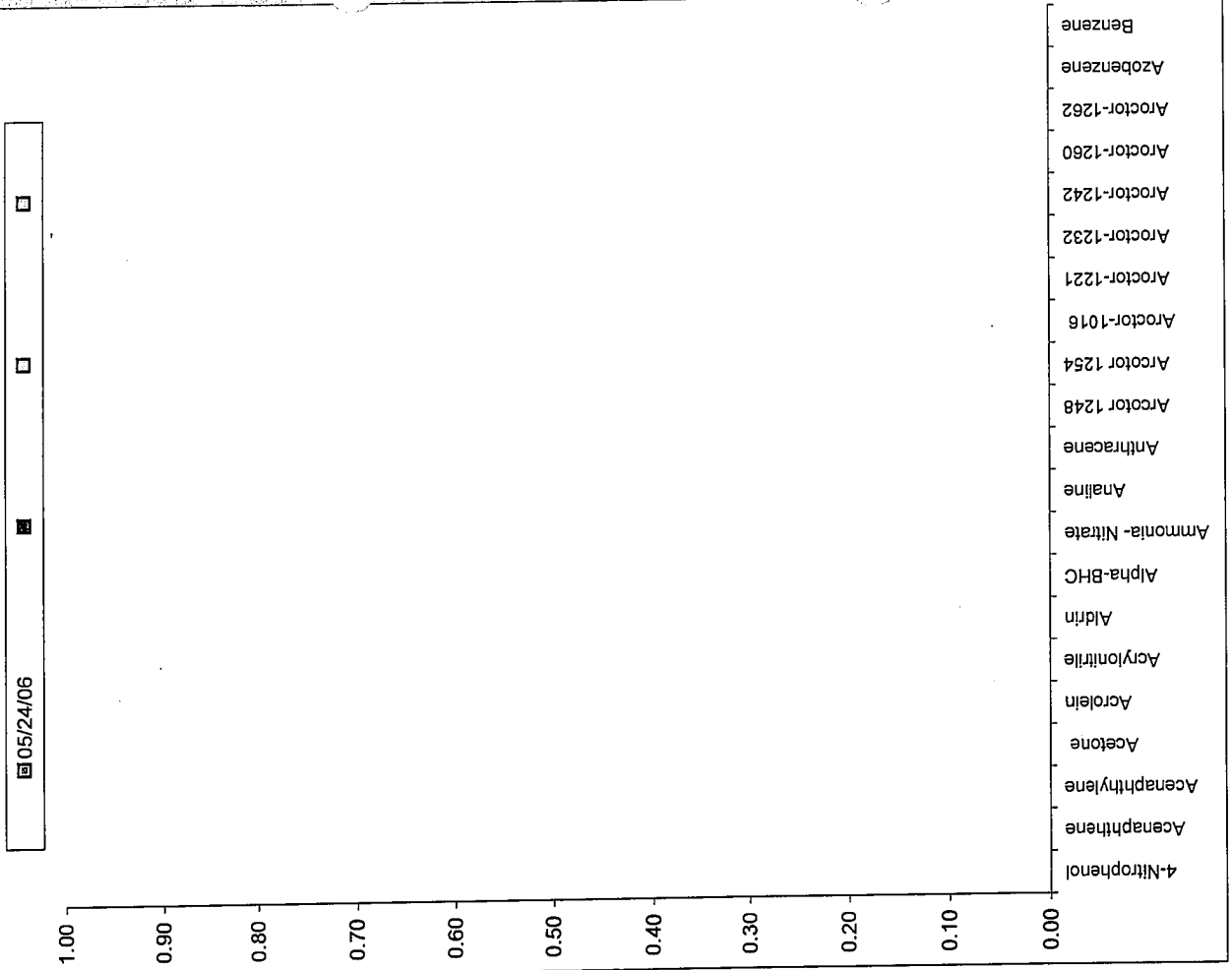


- 2-Chlorotoluene
- 2-Hexanone
- 2-Methy-4,6 dinitrophenol
- 2-Methylnaphthalene
- 2-Methylphenol
- 2-Nitroaniline
- 2-Nitrophenol
- 3,3'-Dichlorobenzidine
- 3/4-Methylphenol
- 3-Nitroaniline
- 4,4'-DDD
- 4,4'-DDE
- 4,4'-DDT
- 4,6-Dinitro-2-Methylphenol
- 4-Bromophenyl-Phenyl Ether
- 4-Chloro-3-Methylphenol
- 4-Chloroaniline
- 4-Chlorophenyl-Phenyl Ether
- 4-Chlorotoluene
- 4-Methyl-2-Pentanone
- 4-Nitroaniline

Retention Basin (Part 5)

Retention Basin (Part 5)	05/24/06
4-Nitrophenol	ND
Acenaphthene	ND
Acenaphthylene	ND
Acetone	ND
Acrolein	ND
Acrylonitrile	ND
Aldrin	ND
Alpha-BHC	ND
Ammonia-Nitrate	
Aniline	
Anthracene	ND
Aroclor 1248	ND
Aroclor 1254	ND
Aroclor-1016	ND
Aroclor-1221	ND
Aroclor-1232	ND
Aroclor-1242	ND
Aroclor-1260	ND
Aroclor-1262	
Azobenzene	
Benzene	ND

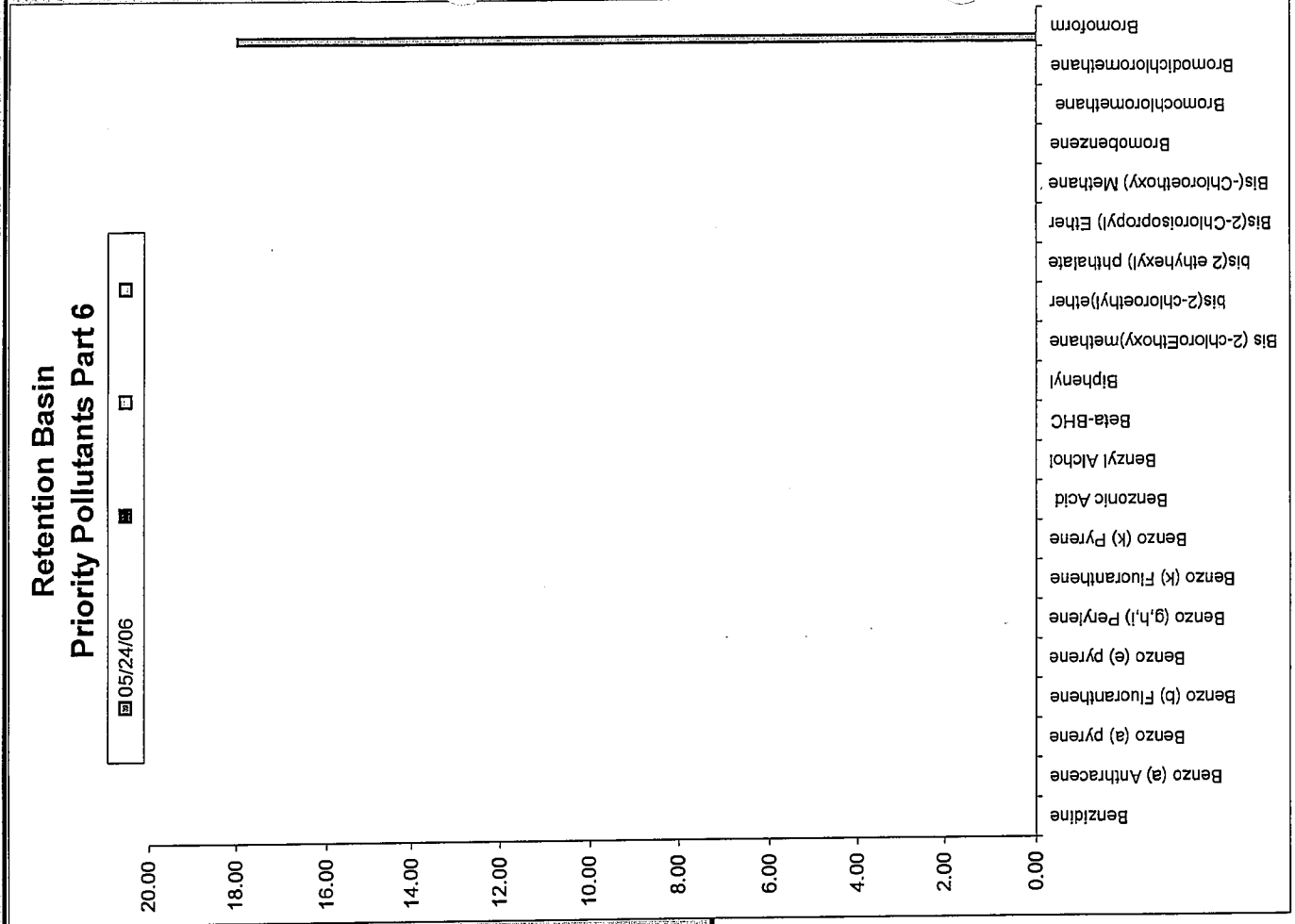
Retention Basin  
 Priority Pollutants Part 5



Retention Basin  
 Priority Pollutants Part 6

05/24/06

Retention Basin (Part 6)	05/24/06
Benzidine	ND
Benzo (a) Anthracene	ND
Benzo (a) pyrene	ND
Benzo (b) Fluoranthene	ND
Benzo (e) pyrene	
Benzo (g,h,i) Perylene	ND
Benzo (k) Fluoranthene	ND
Benzo (k) Pyrene	
Benzonic Acid	
Benzyl Alcohol	
Beta-BHC	ND
Biphenyl	
Bis (2-chloroEthoxy)methane	ND
bis(2-chloroethyl)ether	ND
bis(2-ethylhexyl) phthalate	ND
Bis(2-Chloroisopropyl) Ether	ND
Bis(-Chloroethoxy) Methane	ND
Bromobenzene	
Bromochloromethane	
Bromodichloromethane	ND
Bromoform	18.00

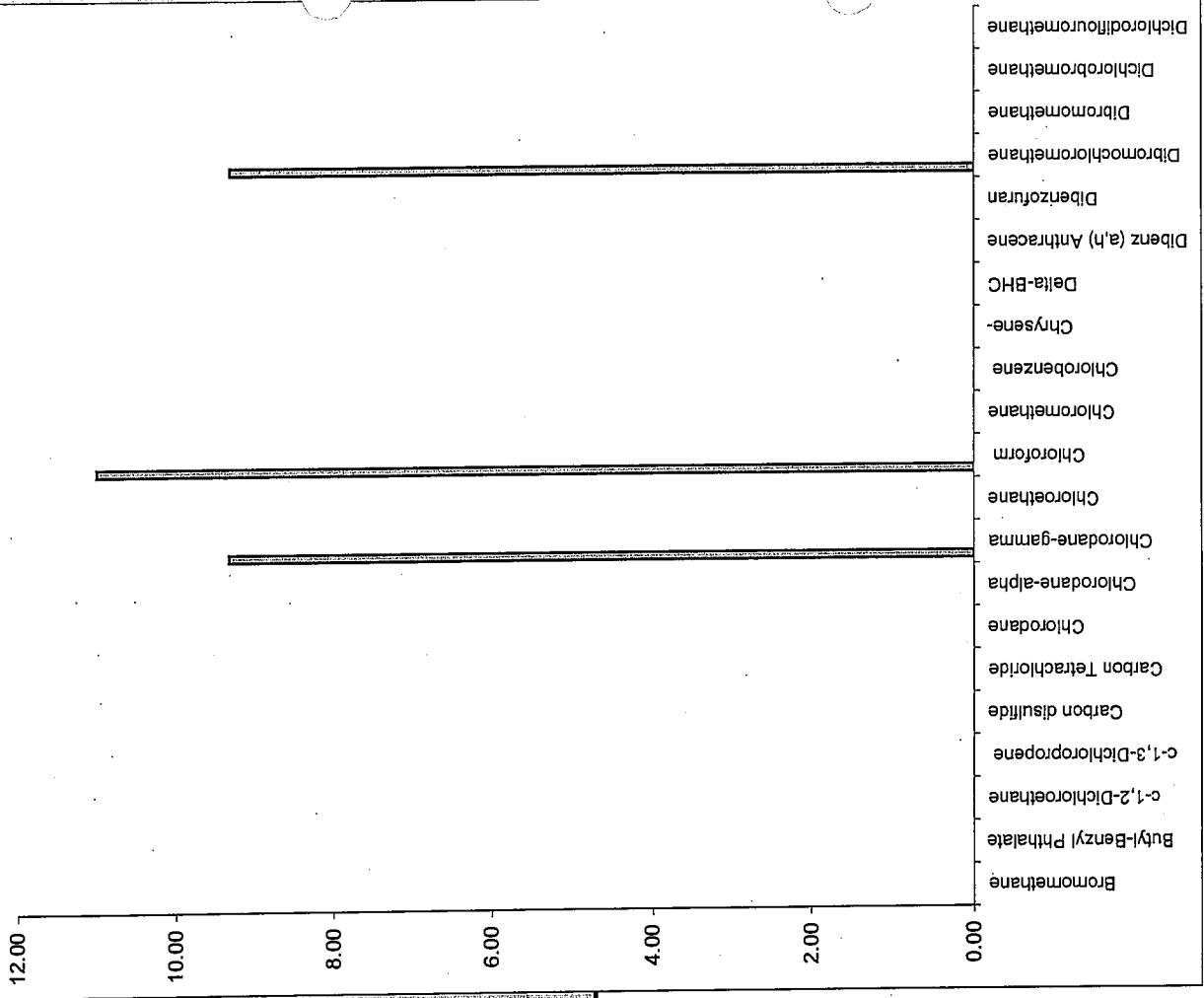


Retention Basin (Part 7)

Retention Basin (Part 7)	05/24/06
Bromomethane	ND
Butyl-Benzyl Phthalate	ND
2-1,2-Dichloroethane	ND
2-1,3-Dichloropropene	ND
Carbon disulfide	ND
Carbon Tetrachloride	ND
Chlorodane	ND
Chlorodane-alpha	9.30
Chlorodane-gamma	ND
Chloroethane	11.00
Chloroform	ND
Chloromethane	ND
Chlorobenzene	ND
Chrysene	ND
Delta-BHC	ND
Dibenz (a,h) Anthracene	ND
Dibenzofuran	9.30
Dibromochloromethane	
Dibromomethane	
Dichlorobromomethane	
Dichlorodifluoromethane	

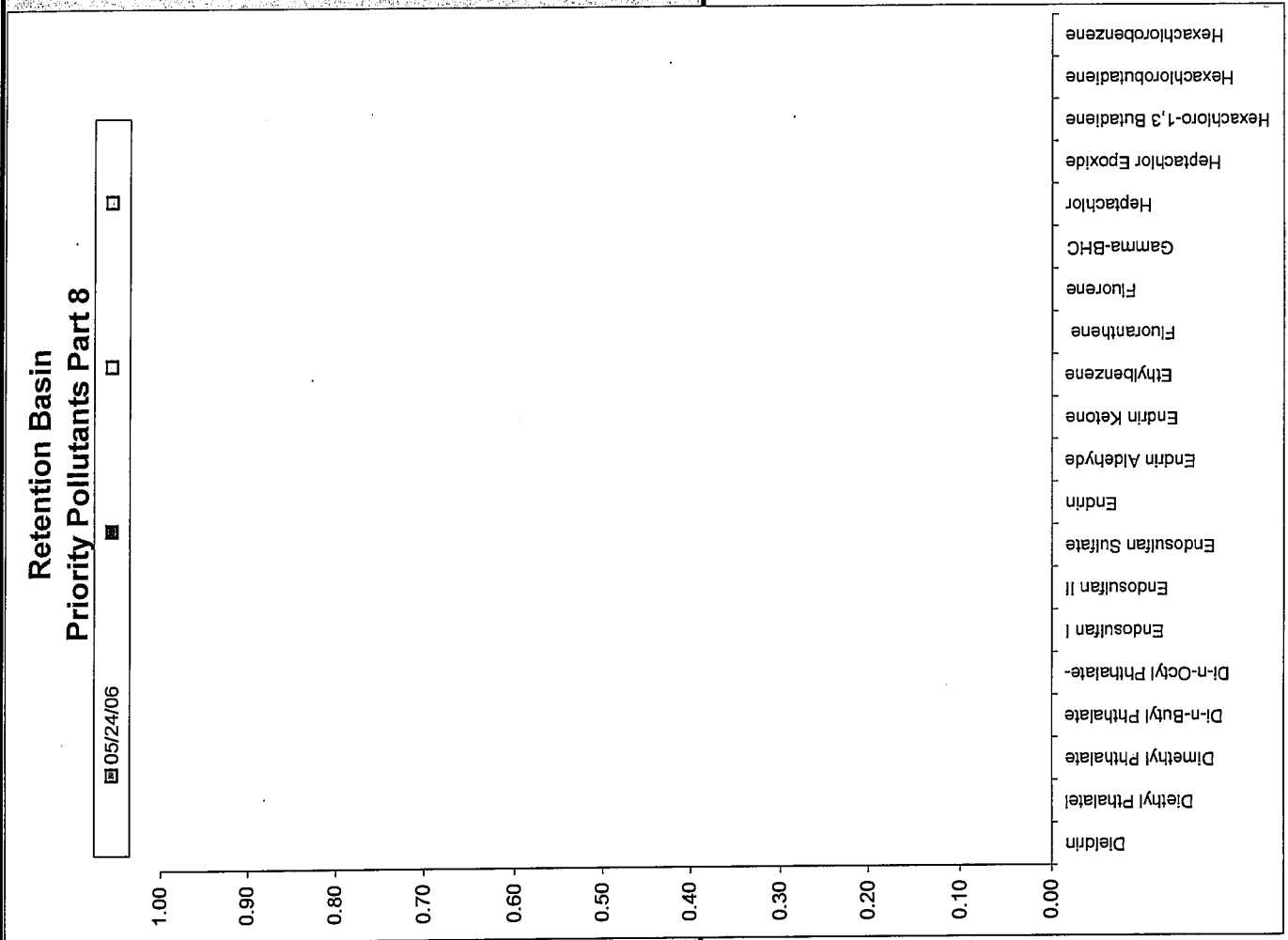
Retention Basin  
 Priority Pollutants Part 7

05/24/06





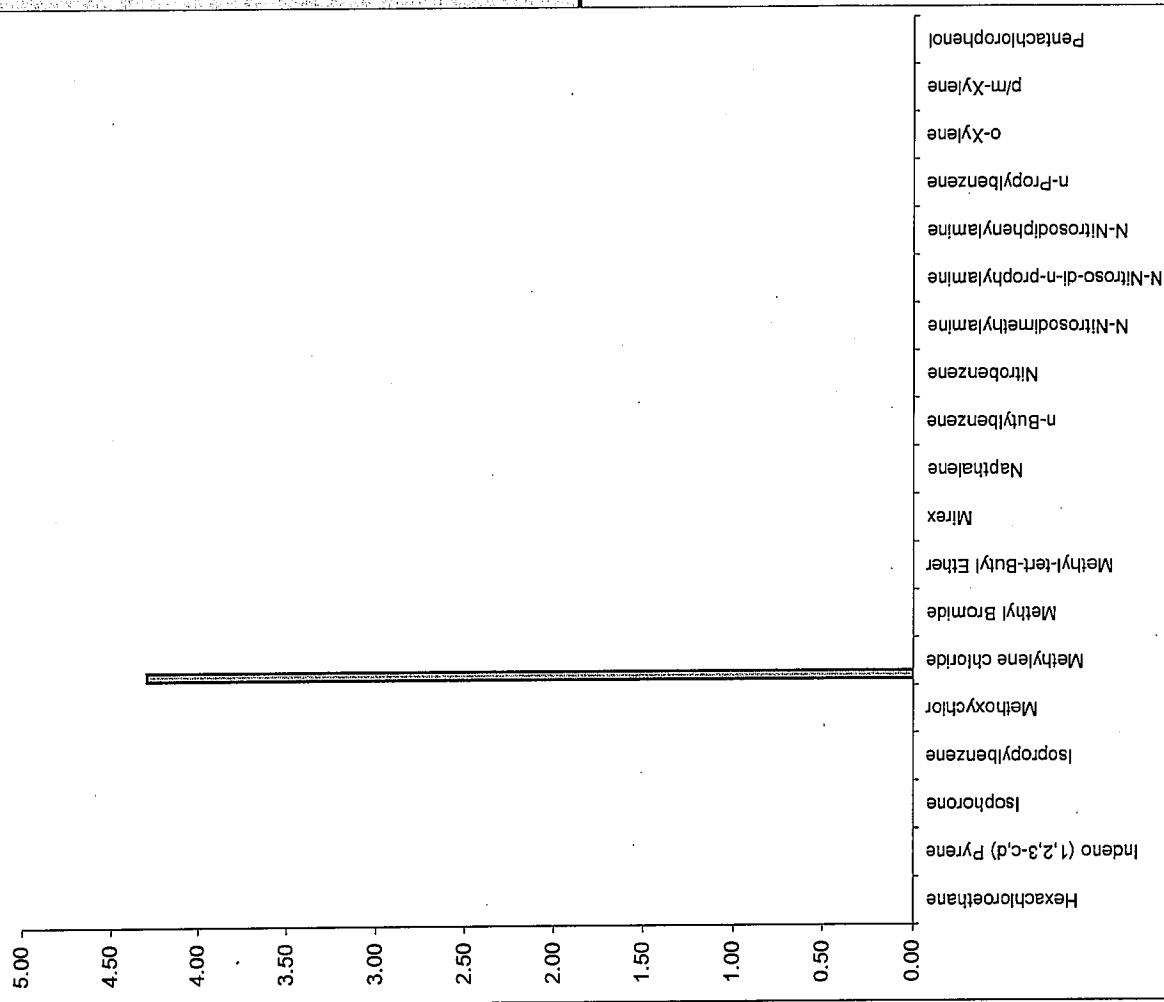
Retention Basin (Part 8)	05/24/06
Dieldrin	ND
Diethyl Phthalate	ND
Dimethyl Phthalate	ND
Di-n-Butyl Phthalate	ND
Di-n-Octyl Phthalate	ND
Endosulfan I	ND
Endosulfan II	ND
Endosulfan Sulfate	ND
Endrin	ND
Endrin-Aldehyde	ND
Endrin-Ketone	ND
Ethylbenzene	ND
Fluoranthene	ND
Fluorene	ND
Gamma-BHC	ND
Heptachlor	ND
Heptachlor Epoxide	ND
Hexachloro-1,3 Butadiene	ND
Hexachlorobutadiene	ND
Hexachlorobenzene	ND



Retention Basin (Part 9)	05/24/06
Hexachlorocyclopentadiene	ND
Hexachloroethane	ND
Indeno (1,2,3-c,d) Pyrene	ND
Isophorone	ND
Isopropylbenzene	
Methoxychlor	
Methylene chloride	4.30
Methyl Bromide	ND
Methyl-tert-Butyl Ether	
Mirex	
Naphthalene	ND
n-Butylbenzene	
Nitrobenzene	ND
N-Nitrosodimethylamine	ND
N-Nitroso-di-n-propylamine	ND
N-Nitrosodiphenylamine	ND
n-Propylbenzene	
o-Xylene	
p/m-Xylene	
Pentachlorophenol	ND

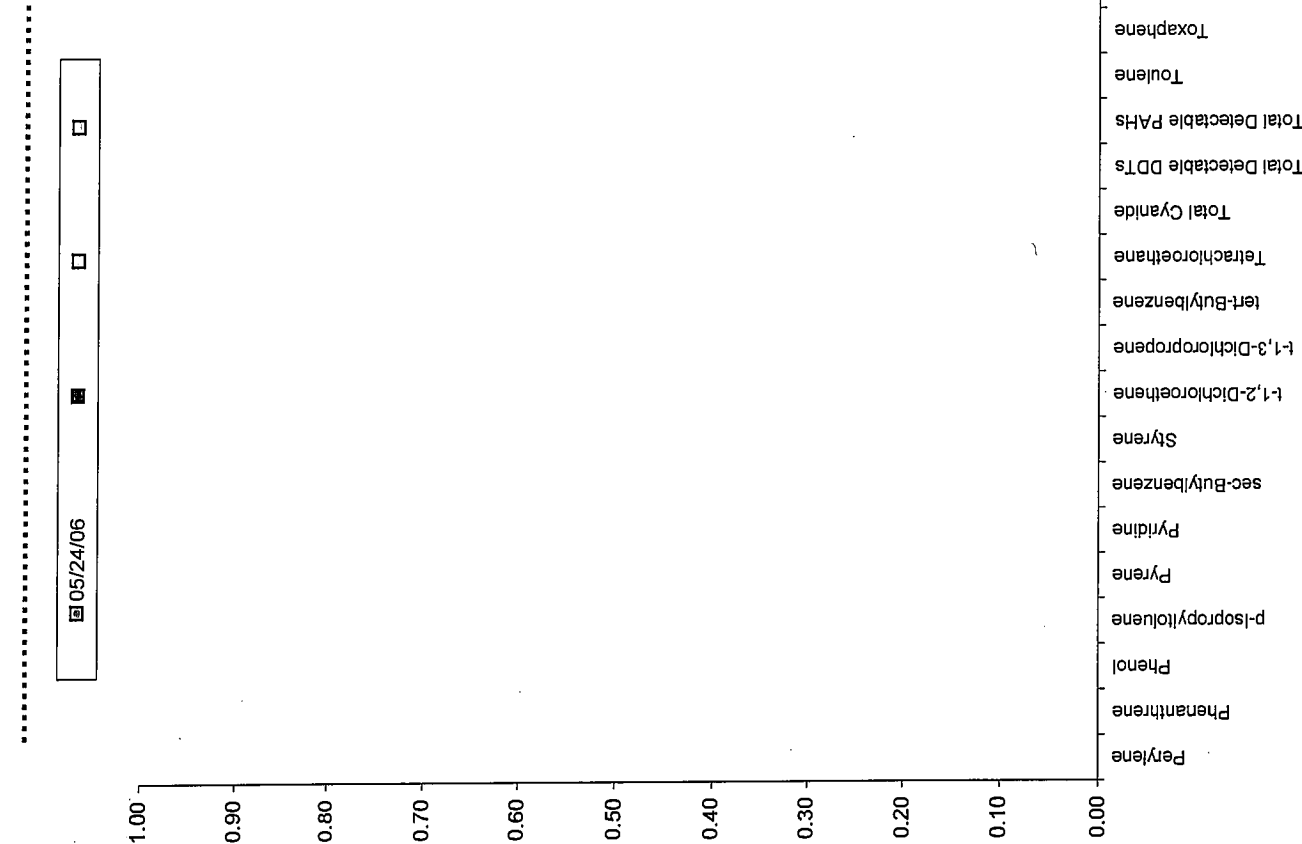
Retention Basin  
 Priority Pollutants Part 9

05/24/06



El Segundo Power, LLC  
 El Segundo Generating Station  
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Retention Basin (Part 10)	05/24/06
Perylene	
Phenanthrene	ND
Phenol	ND
p-Isopropyltoluene	
Pyrene	ND
Pyridine	
sec-Butylbenzene	
Styrene	
t-1,2-Dichloroethene	ND
t-1,3-Dichloropropene	
tert-Butylbenzene	
Tetrachloroethane	ND
Total Cyanide	ND
Total Detectable DDTs	
Total Detectable PAHs	
Toulene	ND
Toxaphene	ND
trans-Nonachlor	
Trichloroethene	ND
Trichlorofluoromethane	



Retention Basin (Part 11)	05/24/06			
Vinyl Acetate				
Vinyl Chloride	ND			
Xylenes	ND			

Retention Basin  
 Priority Pollutants Part 11

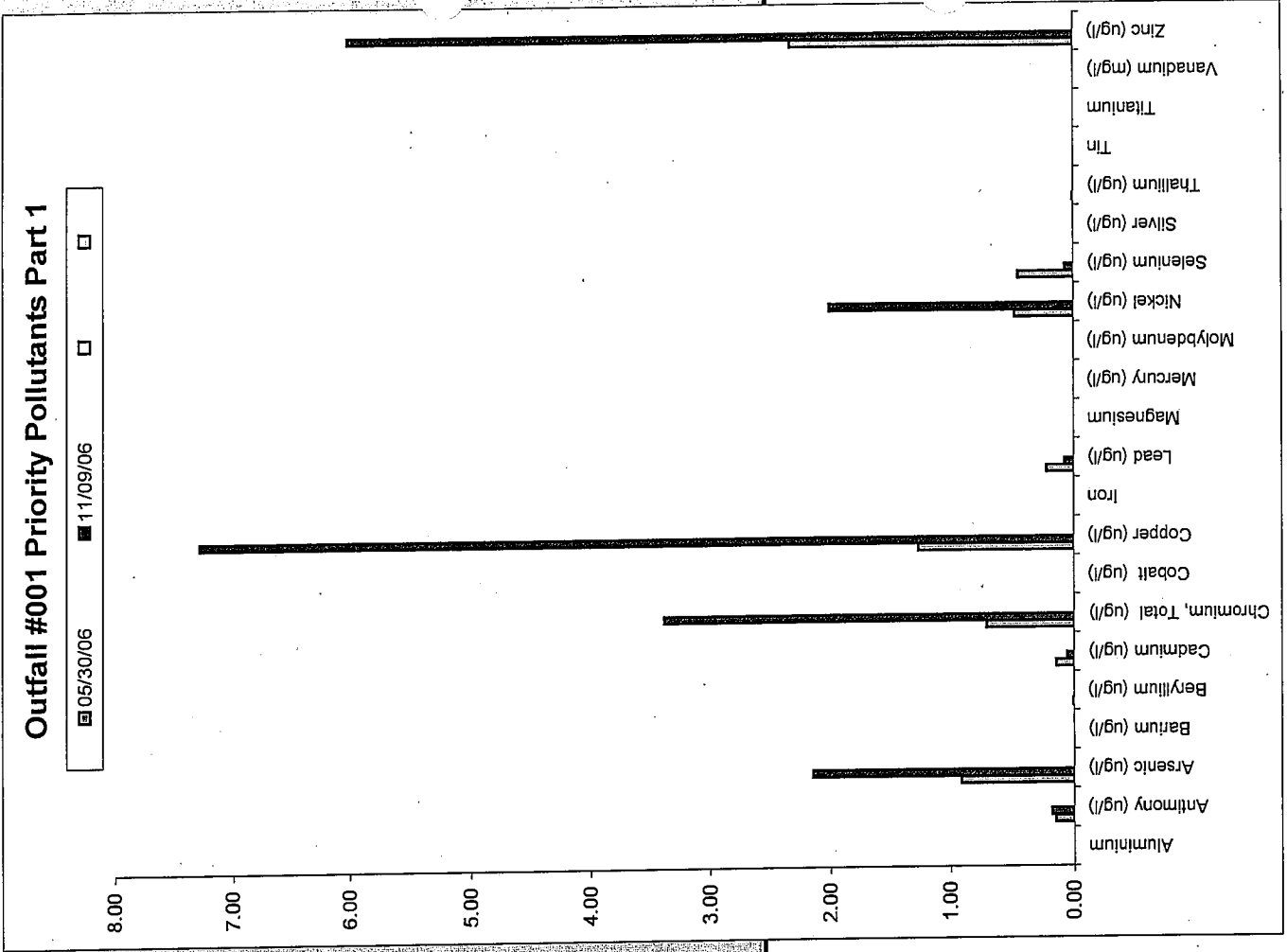
05/24/06



Vinyl Acetate  
 Vinyl Chloride  
 Xylenes

Outfall #001 (Part 1)	05/30/06	11/09/06
Aluminum		
Antimony (ug/l)	0.15	0.18
Arsenic (ug/l)	0.91	2.15
Barium (ug/l)		
Beryllium (ug/l)	0.01	ND
Cadmium (ug/l)	0.14	0.06
Chromium, Total (ug/l)	0.71	3.38
Cobalt (ug/l)		
Copper (ug/l)	1.27	7.28
Iron		
Lead (ug/l)	0.22	0.07
Magnesium		
Mercury (ug/l)	ND	ND
Molybdenum (ug/l)		
Nickel (ug/l)	0.48	2.01
Selenium (ug/l)	0.45	0.07
Silver (ug/l)	ND	ND
Thallium (ug/l)	0.01	ND
Tin		
Titanium		
Vanadium (mg/l)		
Zinc (ug/l)	2.35	6.02

Note: Reporting limit inside of parentheses



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Outfall #001 Priority Pollutants Part 2

05/30/06    
  11/09/06    

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

1,1,1,2-Tetrachloroethane  
 1,1,1-Trichloroethane  
 1,1,2-Trichloroethane  
 1,1-Dichloroethane  
 1,1-Dichloroethene  
 1,1-Dichloroethylene  
 1,1-Dichloropropane  
 1,2,3-Trichlorobenzene  
 1,2,3-Trichloropropane  
 1,2,4-Trichlorobenzene  
 1,2,4-Trimethylbenzene  
 1,2-Dibromoethane  
 1,2-Dibromopropane  
 1,2-Dichlorobenzene  
 1,2-Dichloroethane  
 1,2-Diphenylhydrazine  
 1,2-Trans-Dichloroethylene  
 1,2-Dichloropropane  
 1,2-Dibromo-3-Chloropropane  
 1,2-Dichlorobenzene  
 1,2-Dichloroethane  
 1,2-Diphenylhydrazine  
 1,2-Trans-Dichloroethylene  
 1,2-Dichloropropane

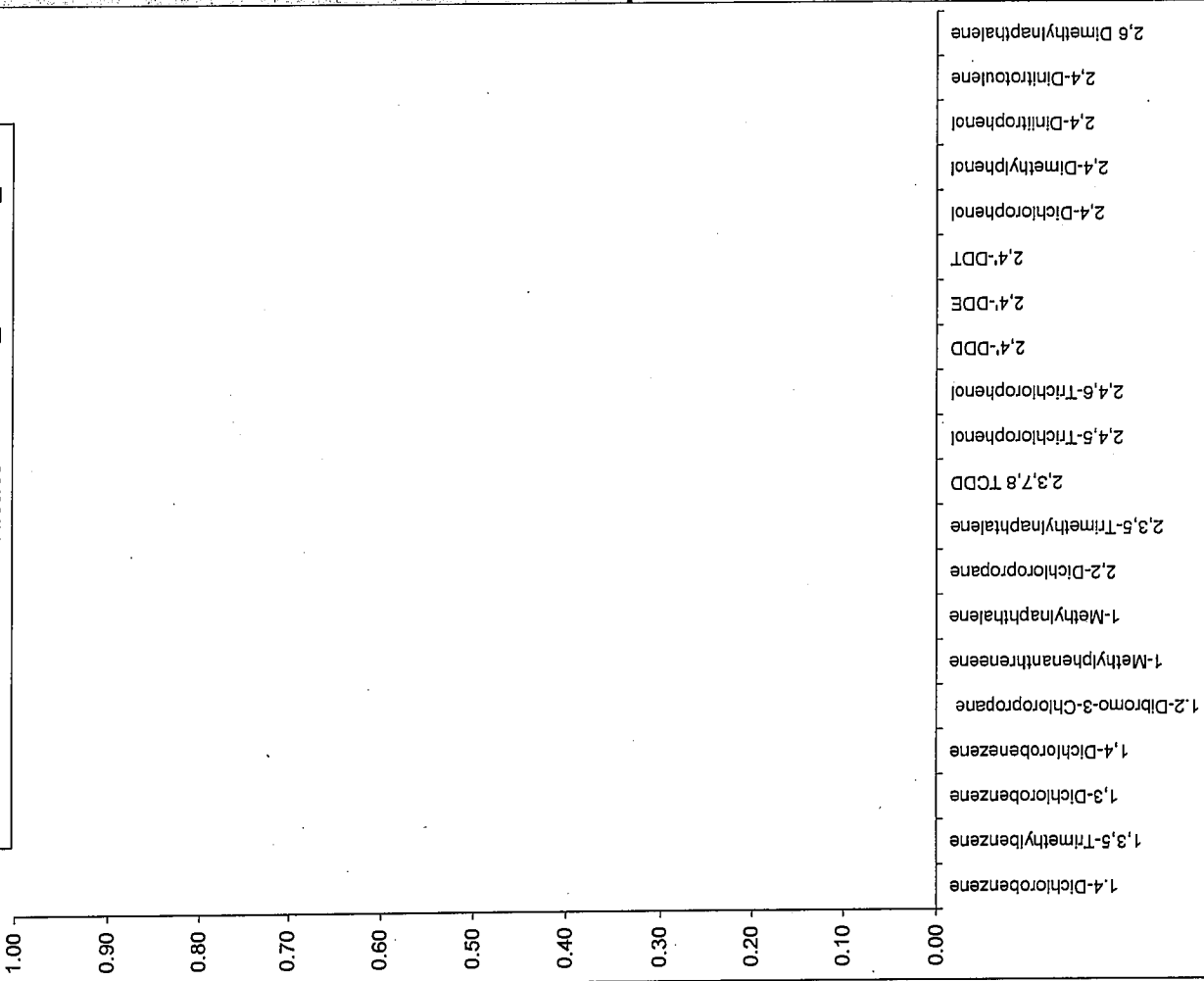
Outfall #001 (Part 2)	05/30/06	11/09/06
1,1,1,2-Tetrachloroethane	ND	
1,1,1-Trichloroethane	ND	
1,1,2,2-Tetrachloroethane	ND	
1,1,2-Trichloroethane	ND	
1,1-Dichloroethane	ND	
1,1-Dichloroethene	ND	
1,1-Dichloroethylene	ND	
1,1-Dichloropropane		
1,2,3-Trichlorobenzene		
1,2,3-Trichloropropane		
1,2,4-Trichlorobenzene	ND	
1,2,4-Trimethylbenzene		
1,2-Dibromoethane		
1,2-Dibromo-3-Chloropropane		
1,2-Dichlorobenzene		
1,2-Dichloroethane	ND	
1,2-Dichloroethene	ND	
1,2-Diphenylhydrazine	ND	
1,2-Trans-Dichloroethylene	ND	
1,2-Dichloropropane	ND	

Outfall #001 (Part 3)

Compound	05/30/06	11/09/06
1,4-Dichlorobenzene		
1,3,5-Trimethylbenzene	ND	
1,3-Dichlorobenzene		
1,4-Dichlorobenzene	ND	
1,2-Dibromo-3-Chloropropane	ND	
1-Methylphenanthreneene		
1-Methylnaphthalene		
2,2-Dichloropropane		
2,3,5-Trimethylnaphthalene		
2,3,7,8-TCDD		
2,4,5-Trichlorophenol		
2,4,6-Trichlorophenol		
2,4'-DDD	ND	
2,4'-DDE		
2,4'-DDT		
2,4-Dichlorophenol		
2,4-Dimethylphenol	ND	
2,4-Dinitrophenol	ND	
2,4-Dinitrotoluene	ND	
2,6 Dimethylnaphthalene	ND	

Outfall #001 Priority Pollutants Part 3

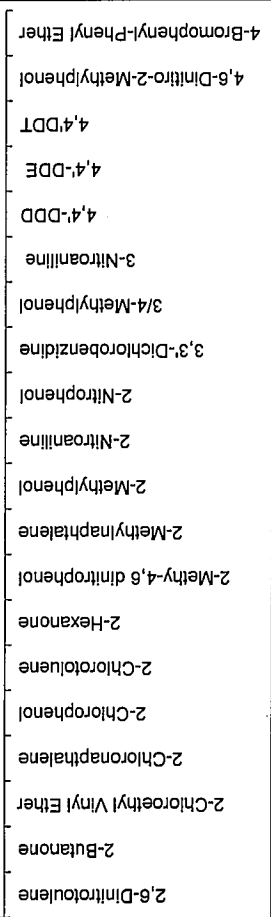
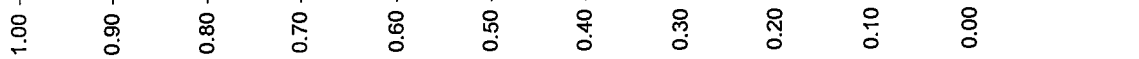
05/30/06     
  11/09/06



Outfall #001 Priority Pollutants Part 4

05/30/06 11/09/06

Outfall #001 (Part 4)	05/30/06	11/09/06
2,6-Dinitrotoluene		
2-Butanone	ND	
2-Chloroethyl Vinyl Ether		
2-Chloronaphthalene	ND	
2-Chlorophenol	ND	
2-Chlorotoluene	ND	
2-Hexanone		
2-Methy-4,6-dinitrophenol		
2-Methylnaphthalene	ND	
2-Methylphenol		
2-Nitroaniline		
2-Nitrophenol		
3,3'-Dichlorobenzidine	ND	
3/4-Methylphenol	ND	
3-Nitroaniline	ND	
4,4'-DDD		
4,4'-DDE		
4,4'-DDT	ND	
4,6-Dinitro-2-Methylphenol	ND	
4-Bromophenyl-Phenyl Ether	ND	





Outfall #001 Priority Pollutants Part 5

05/30/06 11/09/06

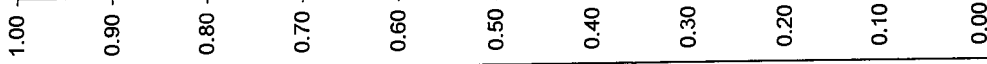
0.12  
0.10  
0.08  
0.06  
0.04  
0.02  
0.00

4-Chloro-3-Methylphenol  
 4-Chloroaniline  
 4-Chlorophenyl-Phenyl Ether  
 4-Chlorotoluene  
 4-Methyl-2-Pentanone  
 4-Nitroaniline  
 4-Nitrophenol  
 Acenaphthene  
 Acenaphthylene  
 Acetone  
 Acrolein  
 Acrylonitrile  
 Aldrin  
 Alpha-BHC  
 Ammonia Nitrate  
 Aniline  
 Anthracene  
 Arcolor 1248  
 Arcolor 1254  
 Aroclor-1016

Outfall #001 (Part 5)	05/30/06	11/09/06
4-Chloro-3-Methylphenol	ND	
4-Chloroaniline	ND	
4-Chlorophenyl-Phenyl Ether	ND	
4-Chlorotoluene		
4-Methyl-2-Pentanone	ND	
4-Nitroaniline		
4-Nitrophenol		
Acenaphthene		
Acenaphthylene	ND	
Acetone	ND	
Acrolein	ND	
Acrylonitrile	ND	
Aldrin	ND	
Alpha-BHC	ND	
Ammonia Nitrate	0.10	
Aniline	ND	
Anthracene		
Arcolor 1248		
Arcolor 1254	ND	
Aroclor-1016	ND	

Outfall #001 Priority Pollutants Part 6

05/30/06  11/09/06



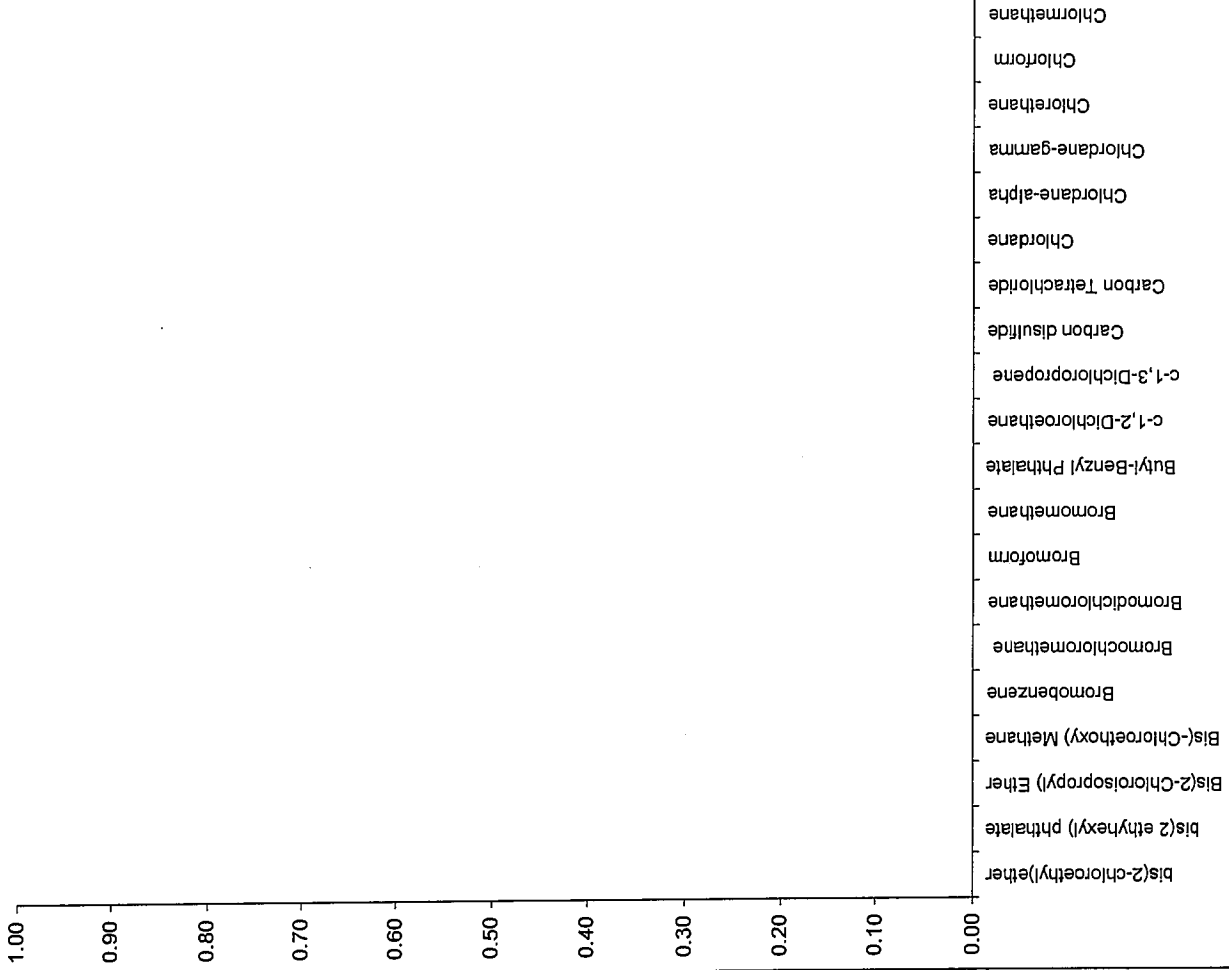
- Aroclor-1221
- Aroclor-1232
- Aroclor-1242
- Aroclor-1260
- Aroclor-1262
- Azobenzene
- Benzene
- Benzidine
- Benzo (a) Anthracene
- Benzo (a) pyrene
- Benzo (b) Fluoranthene
- Benzo (e) pyrene
- Benzo (g,h,i) Perylene
- Benzo (k) Fluoranthene
- Benzo (k) Pyrene
- Benzoic Acid
- Benzy Alcohol
- Beta-BHC
- Biphenyl
- Bis (2-chloroethoxy)methane

Outfall #001 (Part 6)	05/30/06	11/09/06
Aroclor-1221	ND	
Aroclor-1232	ND	
Aroclor-1242	ND	
Aroclor-1260	ND	
Aroclor-1262	ND	
Azobenzene	ND	
Benzene		
Benzidine	ND	
Benzo (a) Anthracene	ND	
Benzo (a) pyrene	ND	
Benzo (b) Fluoranthene	ND	
Benzo (e) pyrene	ND	
Benzo (g,h,i) Perylene	ND	
Benzo (k) Fluoranthene		
Benzo (k) Pyrene	ND	
Benzonic Acid	ND	
Benzy Alcohol		
Beta-BHC		
Biphenyl		
Bis (2-chloroethoxy)methane	ND	

Outfall #001 Priority Pollutants Part 7

05/30/06 11/09/06

Outfall #001 (Part 7)	05/30/06	11/09/06
bis(2-chloroethyl)ether		
bis(2-ethylhexyl) phthalate	ND	
Bis(2-Chloroisopropyl) Ether	ND	
Bis-(Chloroethoxy) Methane	ND	
Bromobenzene	ND	
Bromochloromethane		
Bromodichloromethane		
Bromoform		
Bromomethane	ND	
Butyl-Benzyl Phthalate	ND	
c-1,2-Dichloroethane	ND	
c-1,3-Dichloropropene	ND	
Carbon disulfide		
Carbon Tetrachloride	ND	
Chlordane	ND	
Chlordane-alpha	ND	
Chlordane-gamma	ND	
Chlorethane		
Chlorform		
Chloromethane	ND	

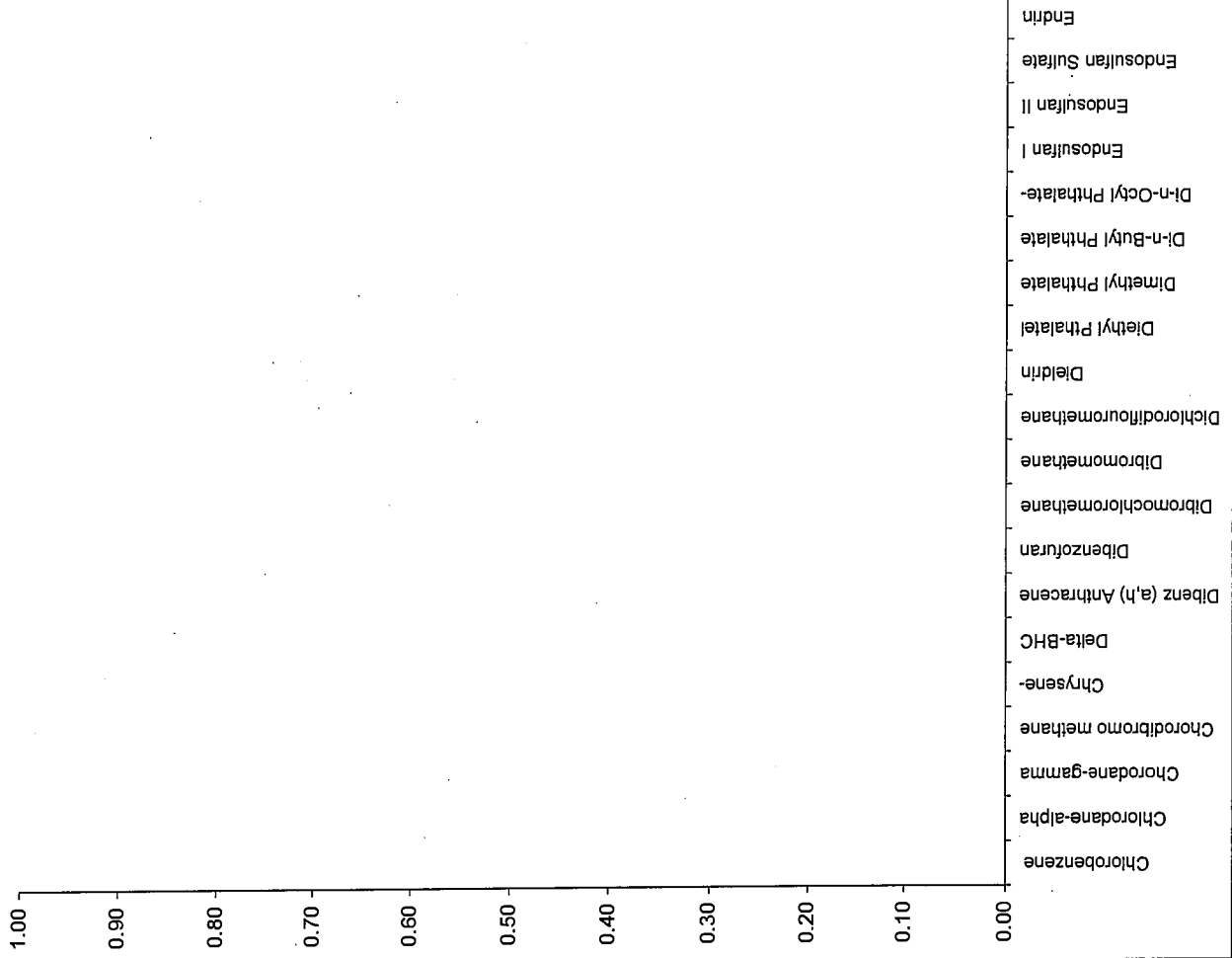


bis(2-chloroethyl)ether  
 bis(2-chloroisopropyl) Ether  
 Bis-(Chloroethoxy) Methane  
 Bromobenzene  
 Bromochloromethane  
 Bromodichloromethane  
 Bromoform  
 Bromomethane  
 Butyl-Benzyl Phthalate  
 c-1,2-Dichloroethane  
 c-1,3-Dichloropropene  
 Carbon disulfide  
 Carbon Tetrachloride  
 Chlordane  
 Chlordane-alpha  
 Chlordane-gamma  
 Chlorethane  
 Chlorform  
 Chloromethane

**Outfall #001 Priority Pollutants Part 8**

05/30/06 11/09/06

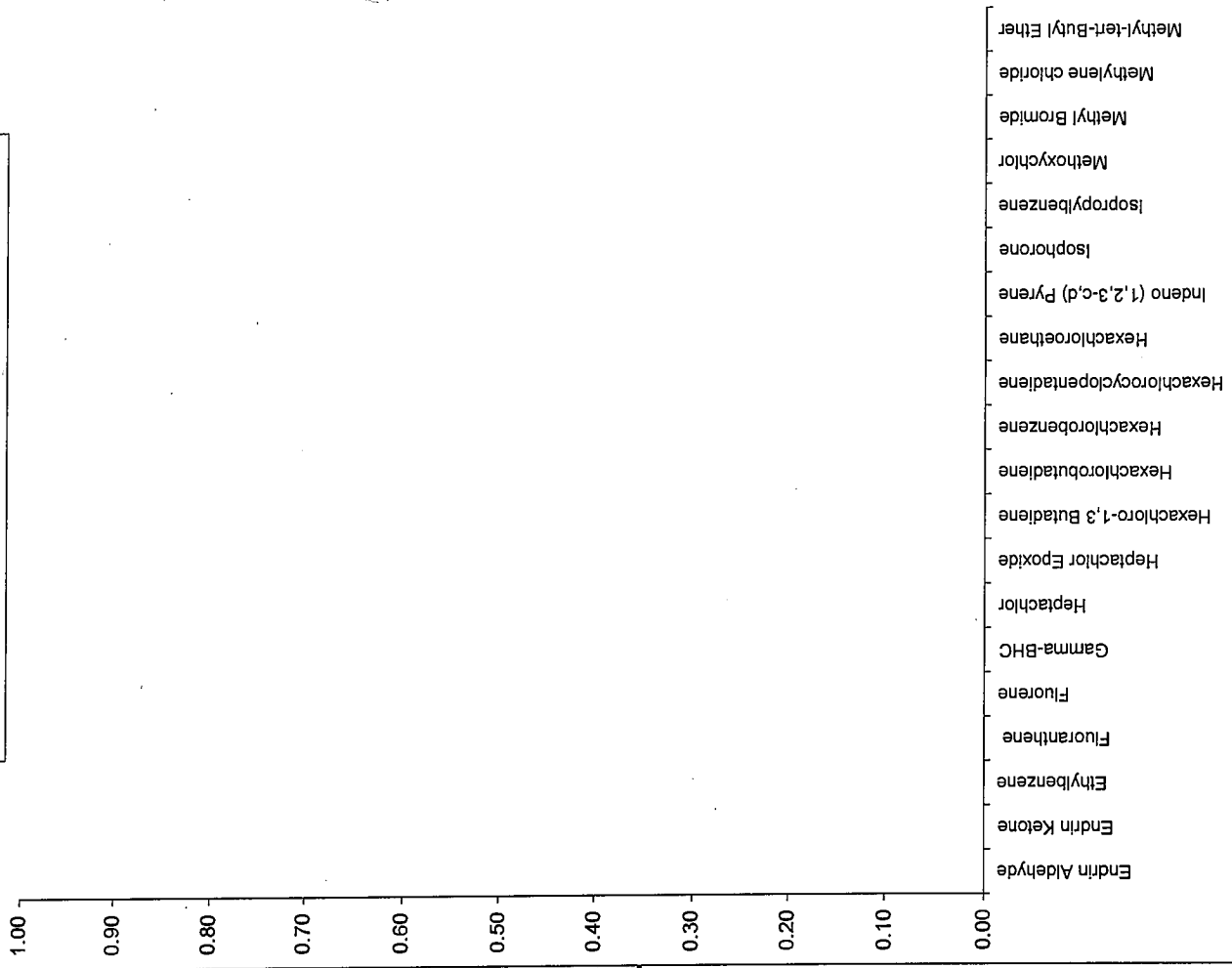
Outfall #001 (Part 8)	05/30/06	11/09/06
Chlorobenzene	ND	
Chlorodane-alpha	ND	
Chlorodane-gamma	ND	
Chlorodibromo methane	ND	
Chrysene-	ND	
Delta-BHC	ND	
Dibenz (a,h) Anthracene	#REF!	#REF!
Dibenzofuran	ND	
Dibromochloromethane	ND	
Dibromomethane	ND	
Dichlorodifluoromethane	ND	
Dieldrin	ND	
Diethyl Phthalate		
Dimethyl Phthalate		
Di-n-Butyl Phthalate	ND	
Di-n-Octyl Phthalate-	ND	
Endosulfan I	ND	
Endosulfan II	ND	
Endosulfan Sulfate	ND	
Endrin	ND	



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Outfall #001 (Part 9)	05/30/06	11/09/06
Endrin: Aldehyde	ND	
Endrin: Ketone	ND	
Ethylbenzene	ND	
Fluoranthene	ND	
Fluorene		
Gamma-BHC	ND	
Heptachlor	ND	
Heptachlor Epoxide	ND	
Hexachloro-1,3 Butadiene	ND	
Hexachlorobutadiene	ND	
Hexachlorobenzene	ND	
Hexachlorocyclopentadiene	ND	
Hexachloroethane	ND	
Indeno (1,2,3-c,d) Pyrene	ND	
Isophorone	ND	
Isopropylbenzene	ND	
Methoxychlor	ND	
Methyl Bromide	ND	
Methylene chloride	ND	
Methyl-Tert-Butyl Ether		

Outfall #001 Priority Pollutants Part 9  
 05/30/06  11/09/06

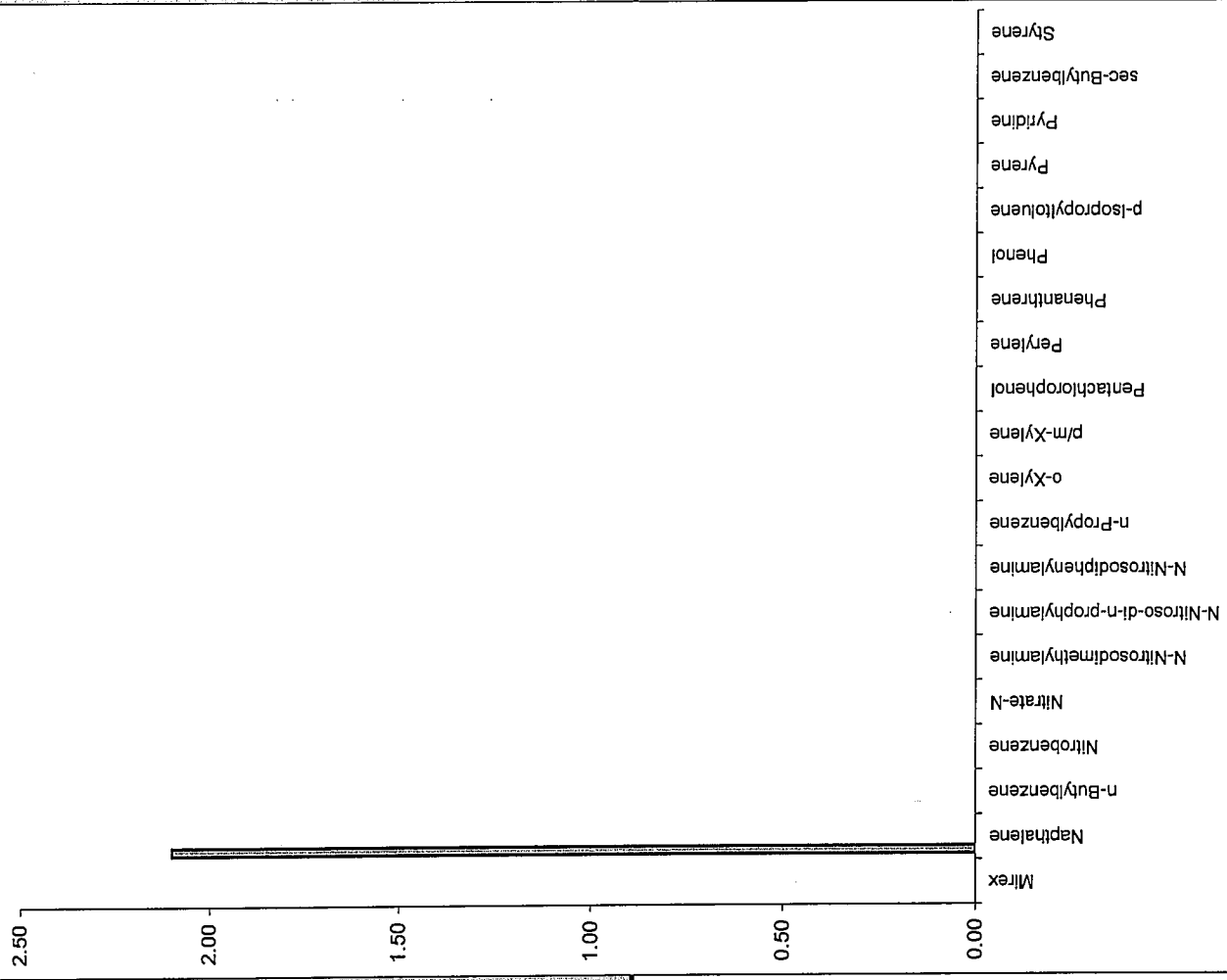


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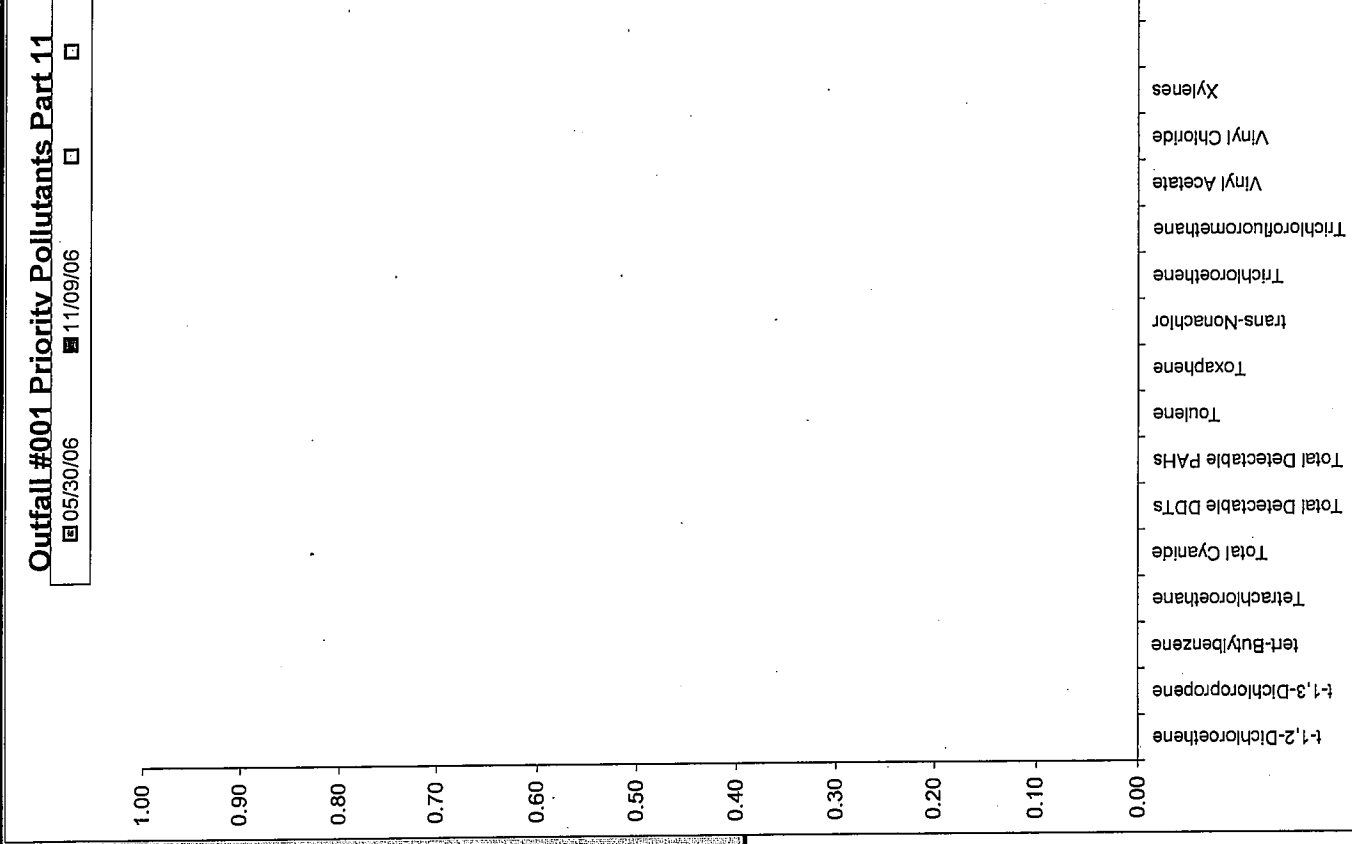
Outfall #001 Priority Pollutants Part 10

05/30/06   
  11/09/06   

Outfall #001 (Part 10)	05/30/06	11/09/06
Mirex	ND	
Napthalene	2.10	
n-Butylbenzene		
Nitrobenzene		
Nitrate-N	ND	
N-Nitrosodimethylamine	ND	
N-Nitroso-di-n-propylamine	ND	
N-Nitrosodiphenylamine	ND	
n-Propylbenzene	ND	
o-Xylene	ND	
p/m-Xylene		
Pentachlorophenol		
Perylene		
Phenanthrene	ND	
Phenol	ND	
p-Isopropyltoluene	ND	
Pyrene	ND	
Pyridine	ND	
sec-Butylbenzene	ND	
Styrene	ND	



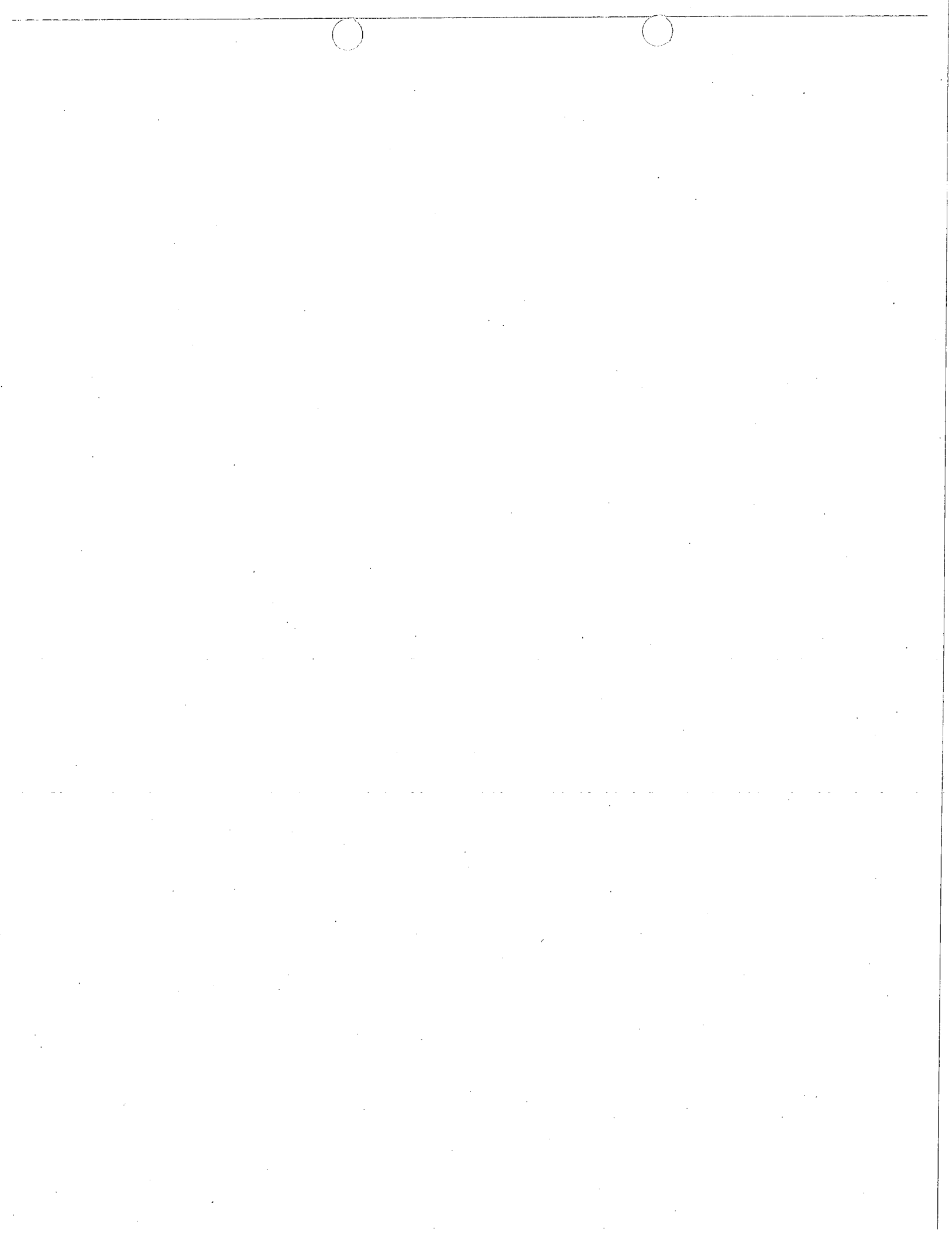
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Outfall #001 (Part 11)	05/30/06	11/09/06
t-1,2-Dichloroethene		
t-1,3-Dichloropropene		
tert-Butylbenzene		
Tetrachloroethane	ND	
Total Cyanide	ND	
Total Detectable DDTs		
Total Detectable PAHs	ND	
Toulene	ND	
Toxaphene	ND	
trans-Nonachlor		
Trichloroethene	ND	
Trichlorofluoromethane	ND	
Vinyl Acetate	ND	
Vinyl Chloride	ND	
Xylenes	ND	

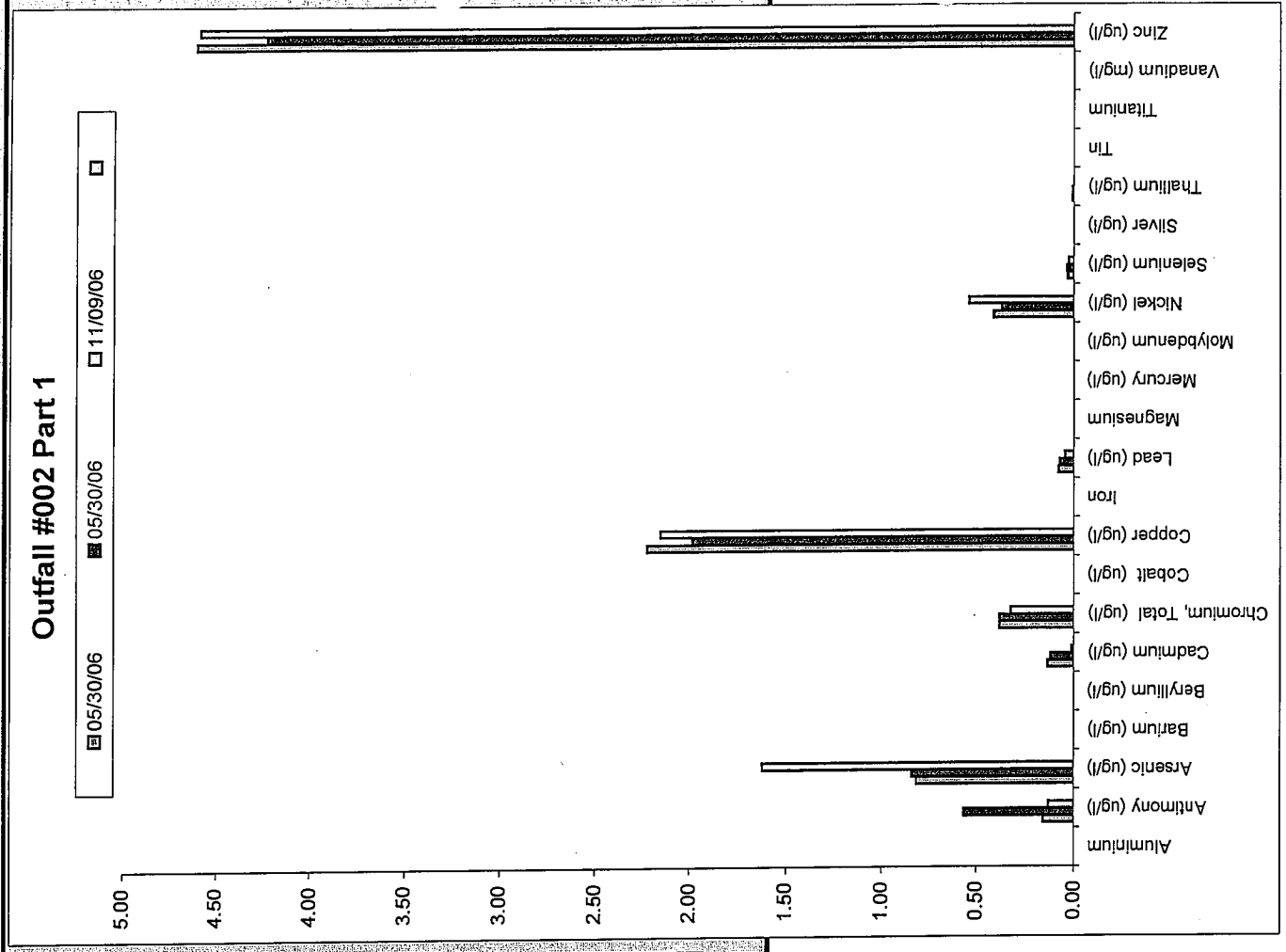






Outfall #002 (Part 1)	05/30/06	05/30/06	11/09/06
Aluminum			
Antimony (ug/l)	0.16	0.56	0.13
Arsenic (ug/l)	0.82	0.84	1.62
Barium (ug/l)			
Beryllium (ug/l)	ND	ND	ND
Cadmium (ug/l)	0.13	0.12	0.01
Chromium, Total (ug/l)	0.38	0.38	0.32
Cobalt (ug/l)			
Copper (ug/l)	2.22	1.98	2.15
Iron			
Lead (ug/l)	0.08	0.07	0.05
Magnesium			
Mercury (ug/l)	ND	ND	ND
Molybdenum (ug/l)			
Nickel (ug/l)	0.41	0.37	0.54
Selenium (ug/l)	0.03	0.04	0.03
Silver (ug/l)	ND	ND	ND
Thallium (ug/l)	0.01	0.01	ND
Tin			
Titanium			
Vanadium (mg/l)			
Zinc (ug/l)	4.61	4.23	4.59

Note: Reporting limit inside of parentheses

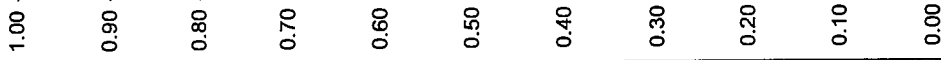


El Segundo Power, LLC  
 El Segundo Generating Station  
 2006

Outfall #002 Part 2

05/30/06  05/30/06  11/09/06

Outfall #002 (Part 2)	05/30/06	05/30/06	11/09/06
1,1,1,2-Tetrachloroethane	ND		
1,1,1-Trichloroethane	ND		
1,1,2,2-Tetrachloroethane	ND		
1,1,2-Trichloroethane	ND		
1,1-Dichloroethane	ND		
1,1-Dichloroethene	ND		
1,1-Dichloroethylene	ND		
1,1-Dichloropropane			
1,2,3-Trichlorobenzene	ND		
1,2,3-Trichloropropane			
1,2,4-Trichlorobenzene	ND		
1,2,4-Trimethylbenzene			
1,2-Dibromoethane			
1,2-Dibromo-3-Chloropropane			
1,2-Dichlorobenzene	ND		
1,2-Dichloroethane	ND		
1,2-Diphenylhydrazine	ND		
1,2-Trans-Dichloroethylene	ND		
1,2-Dichloropropane	ND		



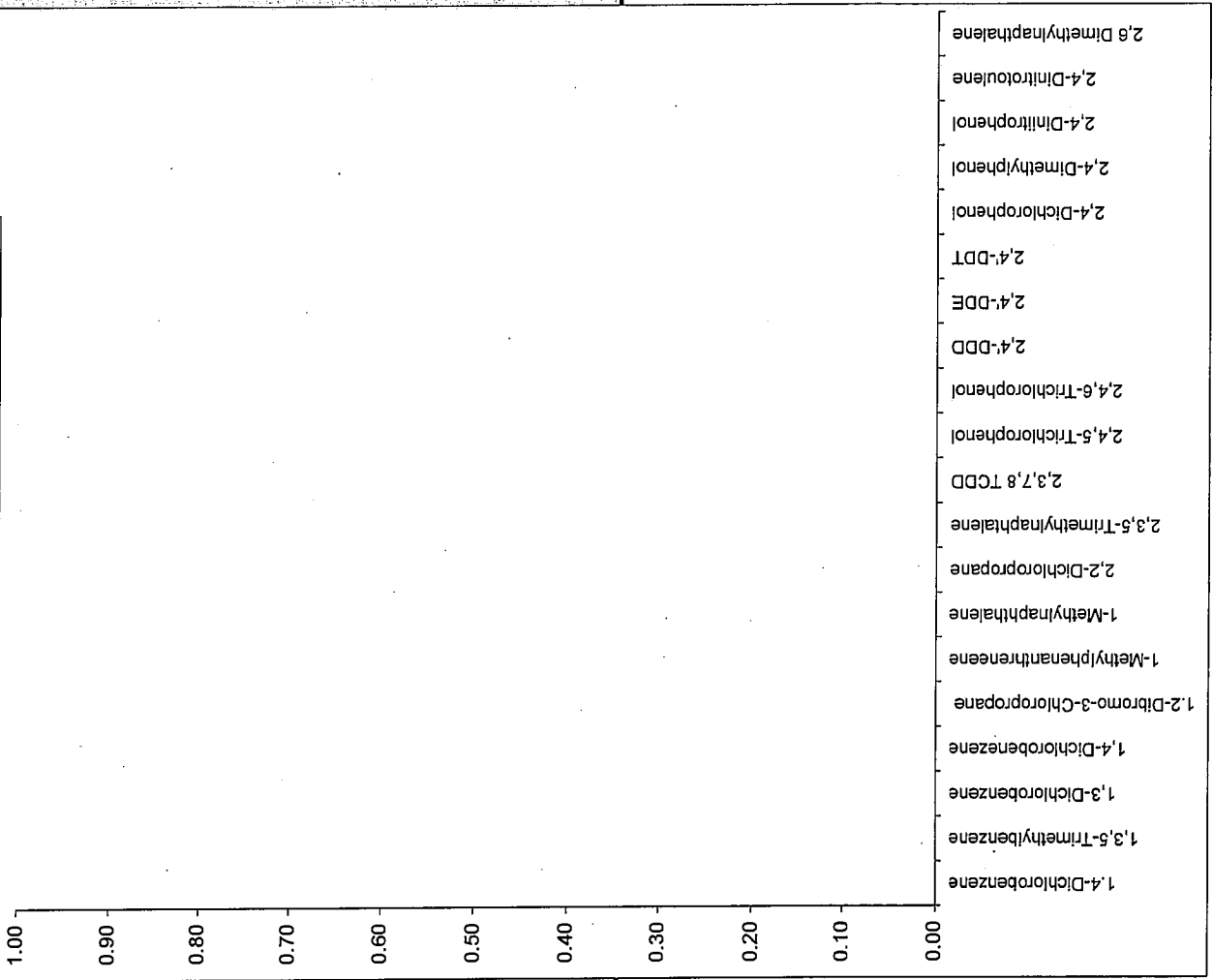
- 1,1,1,2-Tetrachloroethane
- 1,1,1-Trichloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- 1,1-Dichloropropane
- 1,2,3-Trichlorobenzene
- 1,2,3-Trichloropropane
- 1,2,4-Trichlorobenzene
- 1,2,4-Trimethylbenzene
- 1,2-Dibromoethane
- 1,2-Dibromo-3-Chloropropane
- 1,2-Dichlorobenzene
- 1,2-Dichloroethane
- 1,2-Diphenylhydrazine
- 1,2-Trans-Dichloroethylene
- 1,2-Dichloropropane
- 1,2-Dichloroethylene

El Segundo Power, LLC  
 El Segundo Generating Station  
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Outfall #002 Part 3

05/30/06  
  05/30/06  
  11/09/06  

Outfall #002 (Part 3)	05/30/06	05/30/06	11/09/06
1,4-Dichlorobenzene	ND		
1,3,5-Trimethylbenzene			
1,3-Dichlorobenzene	ND		
1,4-Dichlorobenzene	ND		
1,2-Dibromo-3-Chloropropane			
1-Methylphenanthreneene			
1-Methylnaphthalene			
2,2-Dichloropropane			
2,3,5-Trimethylnaphthalene			
2,3,7,8-TCDD	ND		
2,4,5-Trichlorophenol			
2,4,6-Trichlorophenol	ND		
2,4-DDD			
2,4-DDE			
2,4-DDT			
2,4-Dichlorophenol	ND		
2,4-Dimethylphenol	ND		
2,4-Dinitrophenol	ND		
2,4-Dinitrotoulene	ND		
2,6-Dimethylnaphthalene			

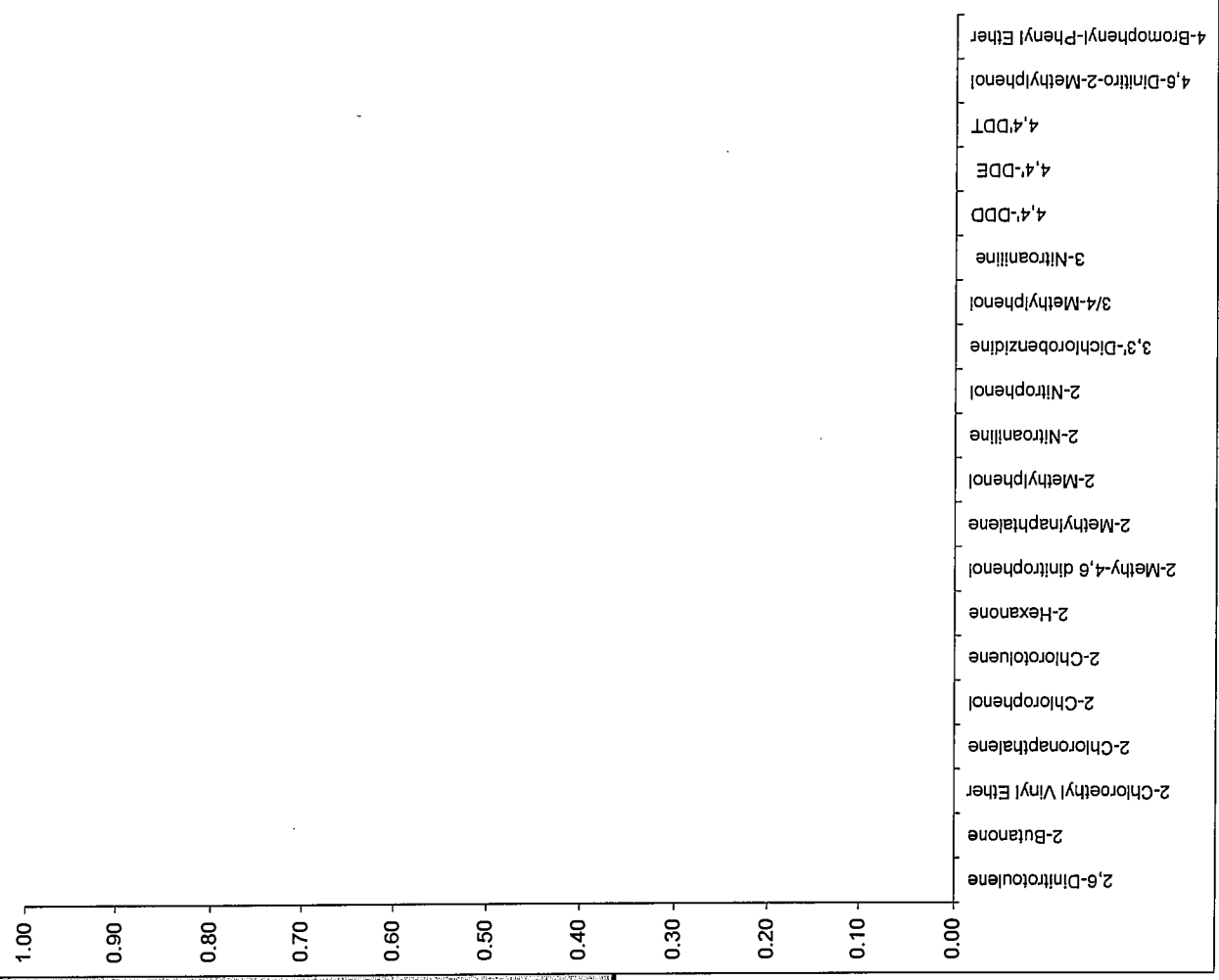


El Segundo Power, LLC  
 El Segundo Generating Station  
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Outfall #002 (Part 4)	05/30/06	05/30/06	11/09/06
2,6-Dinitrotoluene	ND		
2-Butanone			
2-Chloroethyl Vinyl Ether	ND		
2-Chloronaphthalene	ND		
2-Chlorophenol	ND		
2-Chlorotoluene			
2-Hexanone			
2-Methy-4,6 dinitrophenol	ND		
2-Methylnaphthalene			
2-Methylphenol			
2-Nitroaniline			
2-Nitrophenol	ND		
3,3'-Dichlorobenzidine	ND		
3/4-Methylphenol			
3-Nitroaniline			
4,4'-DDD	ND		
4,4'-DDE	ND		
4,4'-DDT	ND		
4,6-Dinitro-2-Methylphenol	ND		
4-Bromophenyl-Phenyl Ether	ND		

Outfall #002 Part 4

05/30/06  
  05/30/06  
  11/09/06  



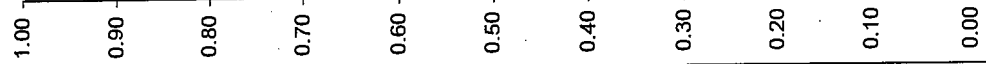
El Segundo Power, LLC  
 El Segundo Generating Station  
 2006

Outfall #002 (Part 5)

	05/30/06	05/30/06	11/09/06
4-Chloro-3-Methylphenol	ND		
4-Chloroaniline			
4-Chlorophenyl-Phenyl Ether	ND		
4-Chlorotoluene			
4-Methyl-2-Pentanone			
4-Nitroaniline			
4-Nitrophenol	ND		
Acenaphthene	ND		
Acenaphthylene	ND		
Acetone			
Acrolein	ND		
Acrylonitrile	ND		
Aldrin	ND		
Alpha-BHC	ND		
Ammonia Nitrate	ND		
Aniline			
Anthracene	ND		
Aroclor 1248	ND		
Aroclor 1254	ND		
Aroclor-1016	ND		

Outfall #002 Part 5

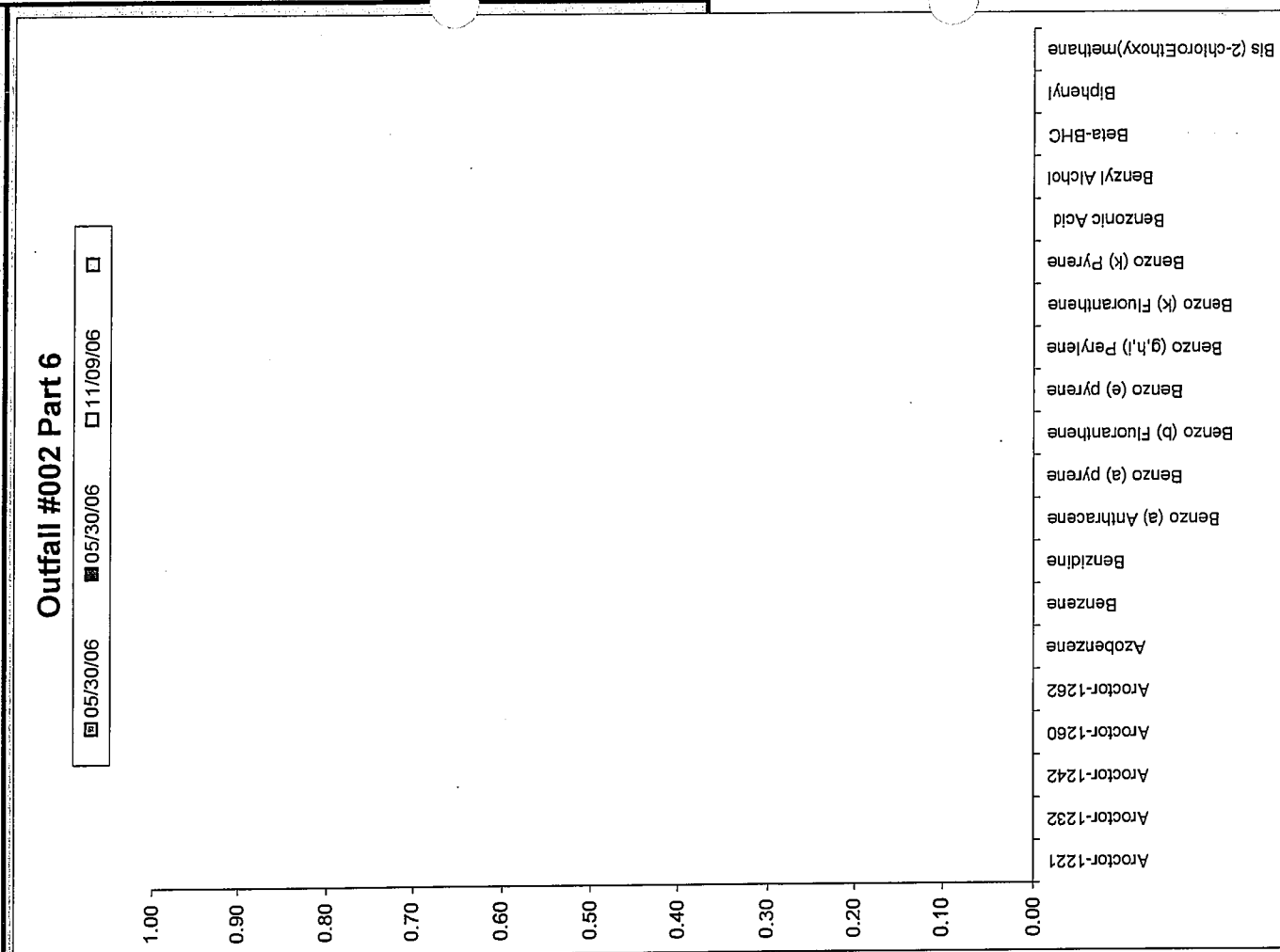
05/30/06  
  05/30/06  
  11/09/06



- 4-Chloro-3-Methylphenol
- 4-Chloroaniline
- 4-Chlorophenyl-Phenyl Ether
- 4-Chlorotoluene
- 4-Methyl-2-Pentanone
- 4-Nitroaniline
- 4-Nitrophenol
- Acenaphthene
- Acenaphthylene
- Acetone
- Acrolein
- Acrylonitrile
- Aldrin
- Alpha-BHC
- Ammonia Nitrate
- Aniline
- Anthracene
- Aroclor 1248
- Aroclor 1254
- Aroclor-1016

El Segundo Power, LLC  
 El Segundo Generating Station  
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Outfall #002 (Part 6)	05/30/06	05/30/06	11/09/06
Aroclor-1221	ND		
Aroclor-1232	ND		
Aroclor-1242	ND		
Aroclor-1260	ND		
Aroclor-1262			
Azobenzene			
Benzene	ND		
Benzidine	ND		
Benzo (a) Anthracene	ND		
Benzo (a) pyrene	ND		
Benzo (b) Fluoranthene	ND		
Benzo (e) pyrene			
Benzo (g,h,i) Perylene	ND		
Benzo (k) Fluoranthene	ND		
Benzo (k) Pyrene			
Benzoic Acid			
Benzyl Alcohol			
Beta-BHC	ND		
Biphenyl			
Bis (2-chloroEthoxy)methane	ND		

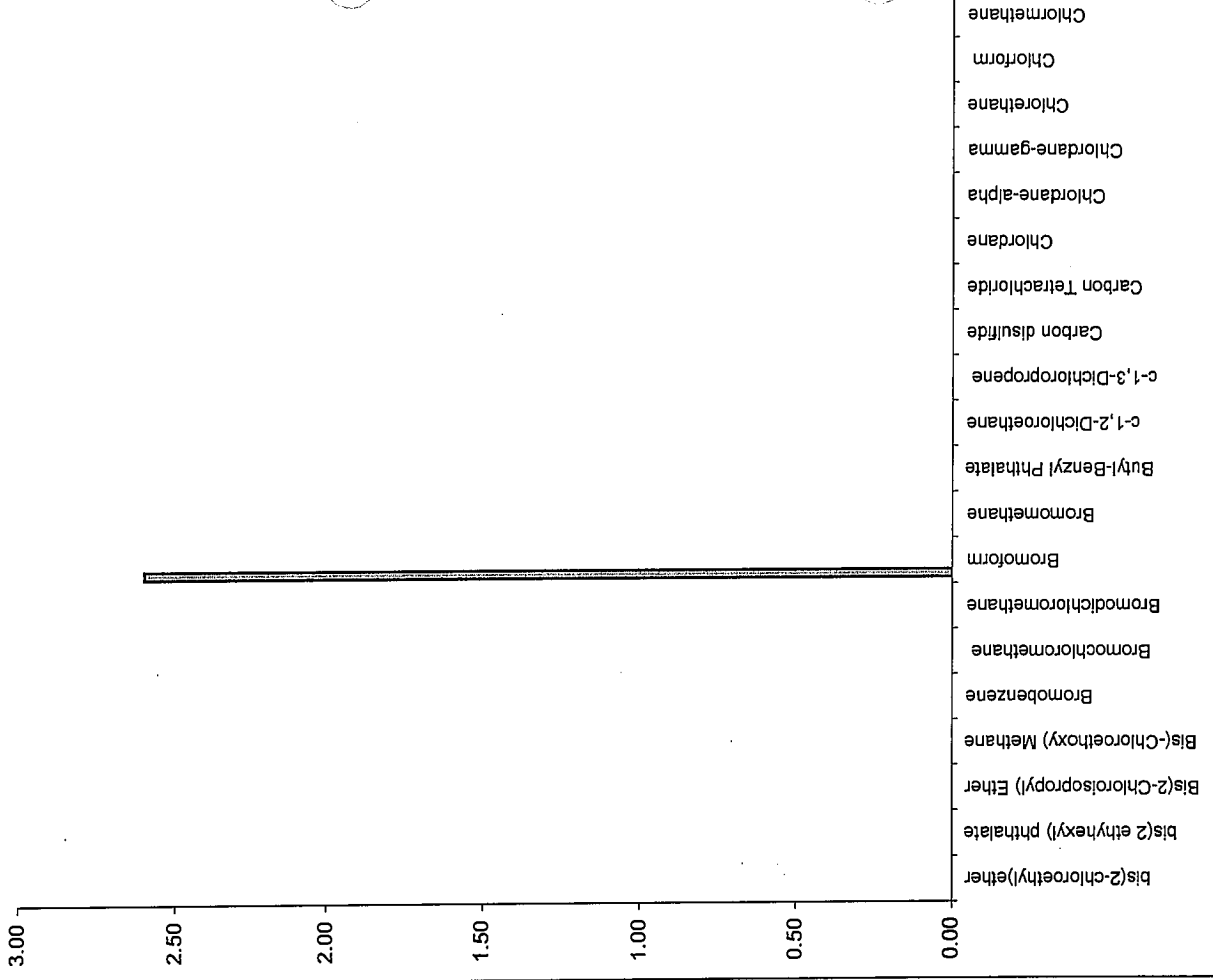


El Segundo Power, LLC  
 El Segundo Generating Station  
 2006

Outfall #002 (Part 7)	05/30/06	05/30/06	11/09/06
bis(2-chloroethyl)ether	ND		
bis(2-ethylhexyl)phthalate	ND		
Bis(2-Chloroisopropyl) Ether	ND		
Bis-(Chloroethoxy) Methane	ND		
Bromobenzene			
Bromochloromethane			
Bromodichloromethane	ND		
Bromoform	2.60		
Bromomethane	ND		
Butyl-Benzyl Phthalate	ND		
c-1,2-Dichloroethane			
c-1,3-Dichloropropene	ND		
Carbon disulfide			
Carbon Tetrachloride	ND		
Chlordane	ND		
Chlordane-alpha			
Chlordane-gamma			
Chlorethane	ND		
Chloroform	ND		
Chloromethane	ND		

Outfall #002 Part 7

05/30/06 05/30/06 11/09/06



bis(2-chloroethyl)ether  
 bis(2-ethylhexyl) phthalate  
 Bis(2-Chloroisopropyl) Ether  
 Bis-(Chloroethoxy) Methane  
 Bromobenzene  
 Bromochloromethane  
 Bromodichloromethane  
 Bromoform  
 Bromomethane  
 Butyl-Benzyl Phthalate  
 c-1,2-Dichloroethane  
 c-1,3-Dichloropropene  
 Carbon disulfide  
 Carbon Tetrachloride  
 Chlordane  
 Chlordane-alpha  
 Chlordane-gamma  
 Chlorethane  
 Chloroform  
 Chloromethane



El Segundo Power, LLC  
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Outfall #002 (Part 8)	05/30/06	05/30/06	11/09/06
Chlorobenzene	ND		
Chlorodane-alpha			
Chlorodane-gamma			
Chlorodibromo methane	ND		
Chrysene	ND		
Delta-BHC	ND		
Dibenz (a,h) Anthracene	ND		
Dibenzofuran			
Dibromochloromethane	ND		
Dibromomethane			
Dichlorodifluoromethane			
Dieldrin	ND		
Diethyl Phthalate	ND		
Dimethyl Phthalate	ND		
Di-n-Butyl Phthalate	ND		
Di-n-Octyl Phthalate	ND		
Endosulfan I	ND		
Endosulfan II	ND		
Endosulfan Sulfate	ND		
Endrin	ND		

Outfall #002 Part 8

05/30/06  05/30/06  11/09/06

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

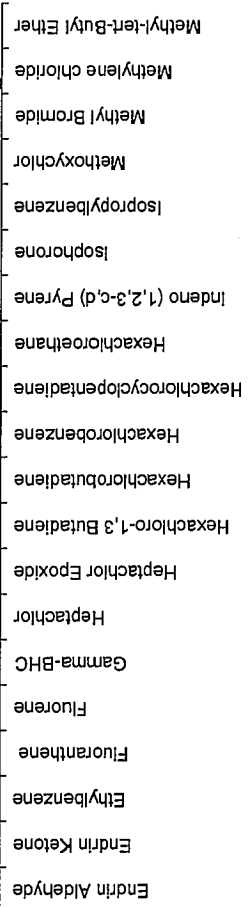
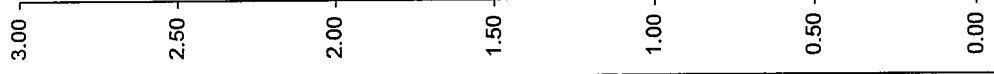
Chlorobenzene  
 Chlorodane-alpha  
 Chlorodane-gamma  
 Chlorodibromo methane  
 Chrysene  
 Delta-BHC  
 Dibenz (a,h) Anthracene  
 Dibenzofuran  
 Dibromochloromethane  
 Dibromomethane  
 Dichlorodifluoromethane  
 Dieldrin  
 Diethyl Phthalate  
 Dimethyl Phthalate  
 Di-n-Butyl Phthalate  
 Di-n-Octyl Phthalate  
 Endosulfan I  
 Endosulfan II  
 Endosulfan Sulfate  
 Endrin

El Segundo Power, LLC  
 El Segundo Generating Station  
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Outfall #002 (Part 9)	05/30/06	05/30/06	11/09/06
Endrin Aldehyde	ND		
Endrin Ketone			
Ethylbenzene	ND		
Fluoranthene	ND		
Fluorene	ND		
Gamma-BHC	ND		
Heptachlor	ND		
Heptachlor Epoxide	ND		
Hexachloro-1,3 Butadiene	ND		
Hexachlorobutadiene	ND		
Hexachlorobenzene	ND		
Hexachlorocyclopentadiene	ND		
Hexachloroethane	ND		
Indeno (1,2,3-c,d) Pyrene	ND		
Isophorone	ND		
Isopropylbenzene			
Methoxychlor			
Methyl Bromide	ND		
Methylene chloride	2.50		
Methyl-tert-Butyl Ether			

Outfall #002 Part 9

05/30/06  
  05/30/06  
  11/09/06

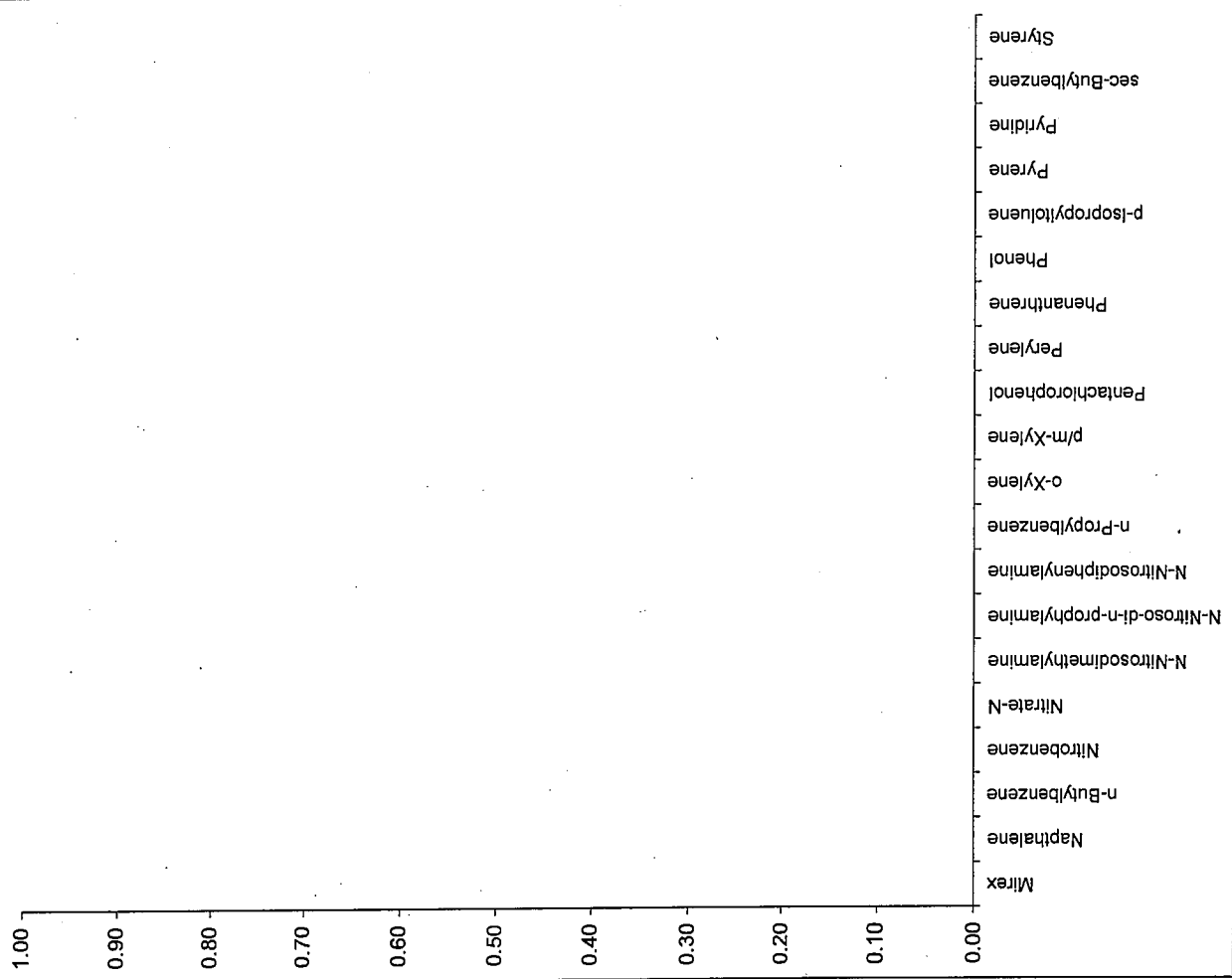


**EI Segundo Power, LLC  
EI Segundo Generating Station  
2006**

Outfall #002 (Part 10)	05/30/06	05/30/06	11/09/06
Mirex			
Naphthalene	ND		
n-Butylbenzene			
Nitrobenzene	ND		
Nitrate-N	ND		
N-Nitrosodimethylamine	ND		
N-Nitroso-di-n-propylamine	ND		
N-Nitrosodiphenylamine	ND		
n-Propylbenzene			
o-Xylene			
p/m-Xylene			
Pentachlorophenol	ND		
Perylene			
Phenanthrene	ND		
Phenol	ND		
p-Isopropyltoluene			
Pyrene	ND		
Pyridine			
sec-Butylbenzene			
Styrene			

**Outfall #002 Part 10**

05/30/06  
  05/30/06  
  11/09/06  

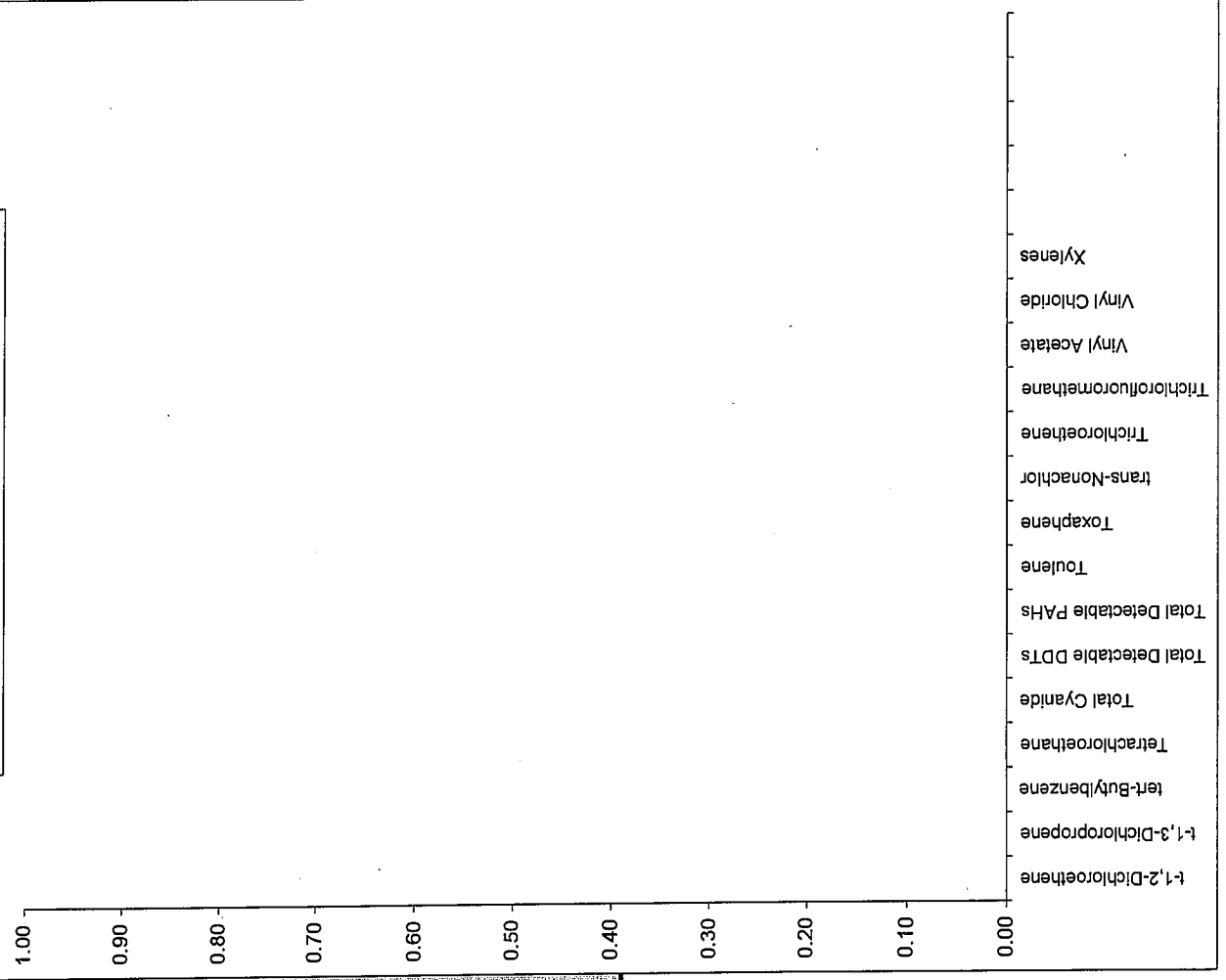


EI Segundo Power, LLC  
 EI Segundo Generating Station  
 2006

### Outfall #002 Part 10

05/30/06     05/30/06     11/09/06   

Outfall #002 (Part 10)	05/30/06	05/30/06	11/09/06
t-1,2-Dichloroethene	ND		
t-1,3-Dichloropropene	ND		
tert-Butylbenzene			
Tetrachloroethane	ND		
Total Cyanide	ND	ND	
Total Detectable DDTs			
Total Detectable PAHs			
Toulene	ND		
Toxaphene	ND		
trans-Nonachlor			
Trichloroethene	ND		
Trichlorofluoromethane			
Vinyl Acetate			
Vinyl Chloride	ND		
Xylenes	ND		







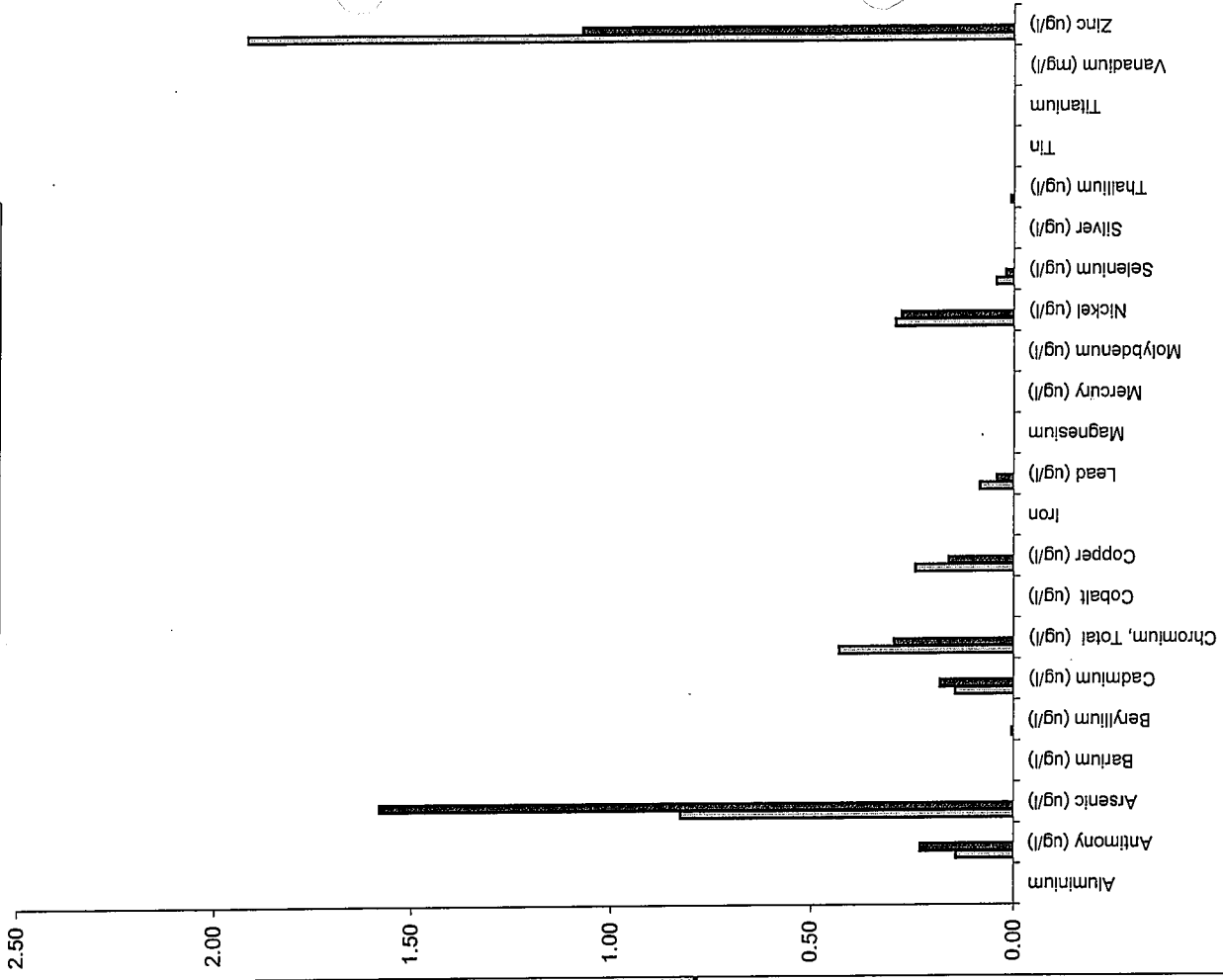
El Segundo Power, LLC  
 El Segundo Generating Station  
 2006

Intake 1 & 2 (Part 1)

05/24/06 11/09/06

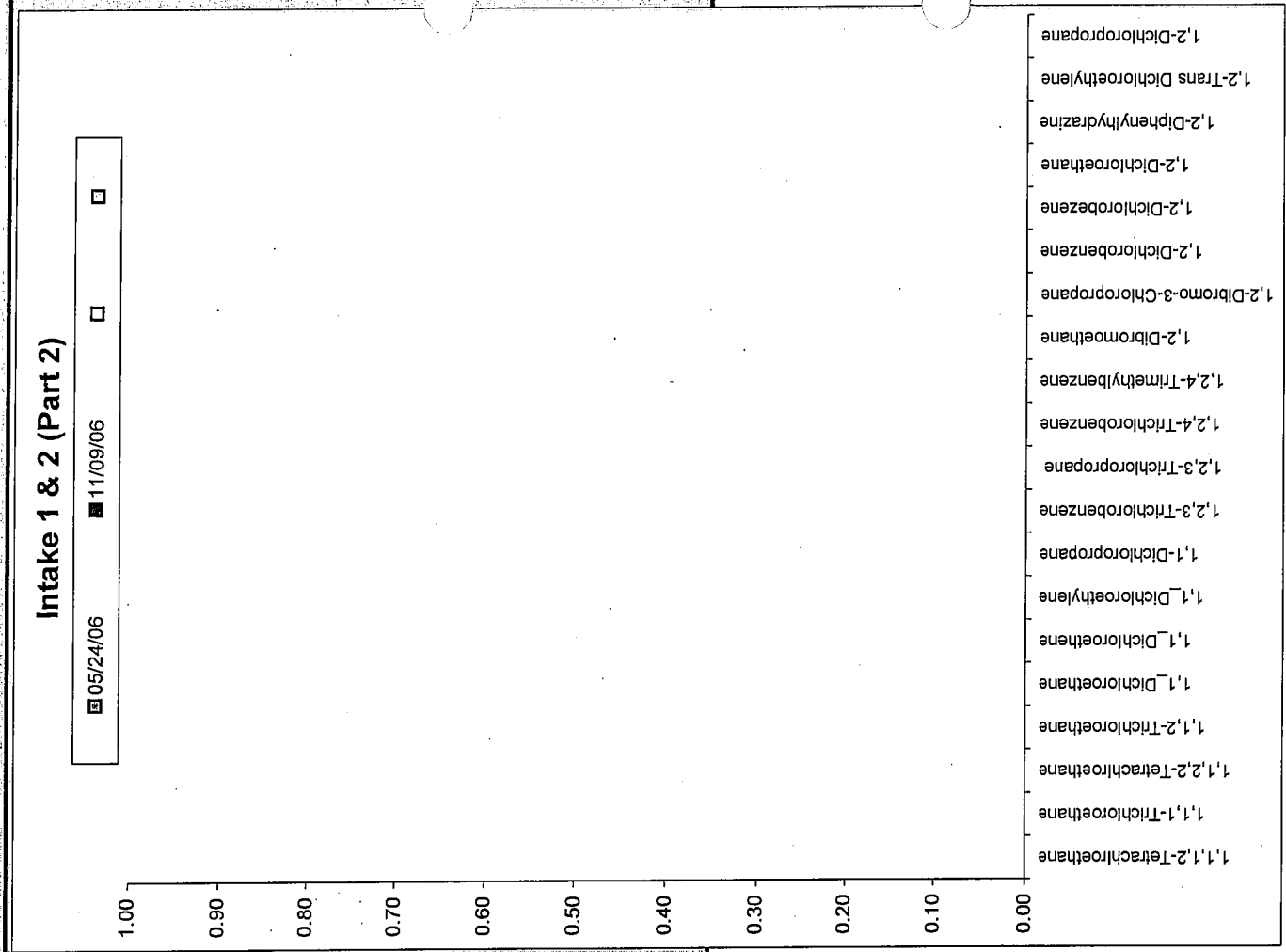
Intake 1 & 2 (Part 1)	05/24/06	11/09/06
Aluminum		
Antimony (ug/l)	0.14	0.23
Arsenic (ug/l)	0.83	1.58
Barium (ug/l)		
Beryllium (ug/l)	0.01	ND
Cadmium (ug/l)	0.14	0.18
Chromium, Total (ug/l)	0.43	0.29
Cobalt (ug/l)		
Copper (ug/l)	0.24	0.16
Iron		
Lead (ug/l)	0.08	0.04
Magnesium		
Mercury (ug/l)	ND	ND
Molybdenum (ug/l)		
Nickel (ug/l)	0.29	0.27
Selenium (ug/l)	0.04	0.02
Silver (ug/l)	ND	ND
Thallium (ug/l)	0.01	ND
Tin		
Titanium		
Vanadium (mg/l)		
Zinc (ug/l)	1.92	1.08

Note: Reporting limit inside of parentheses



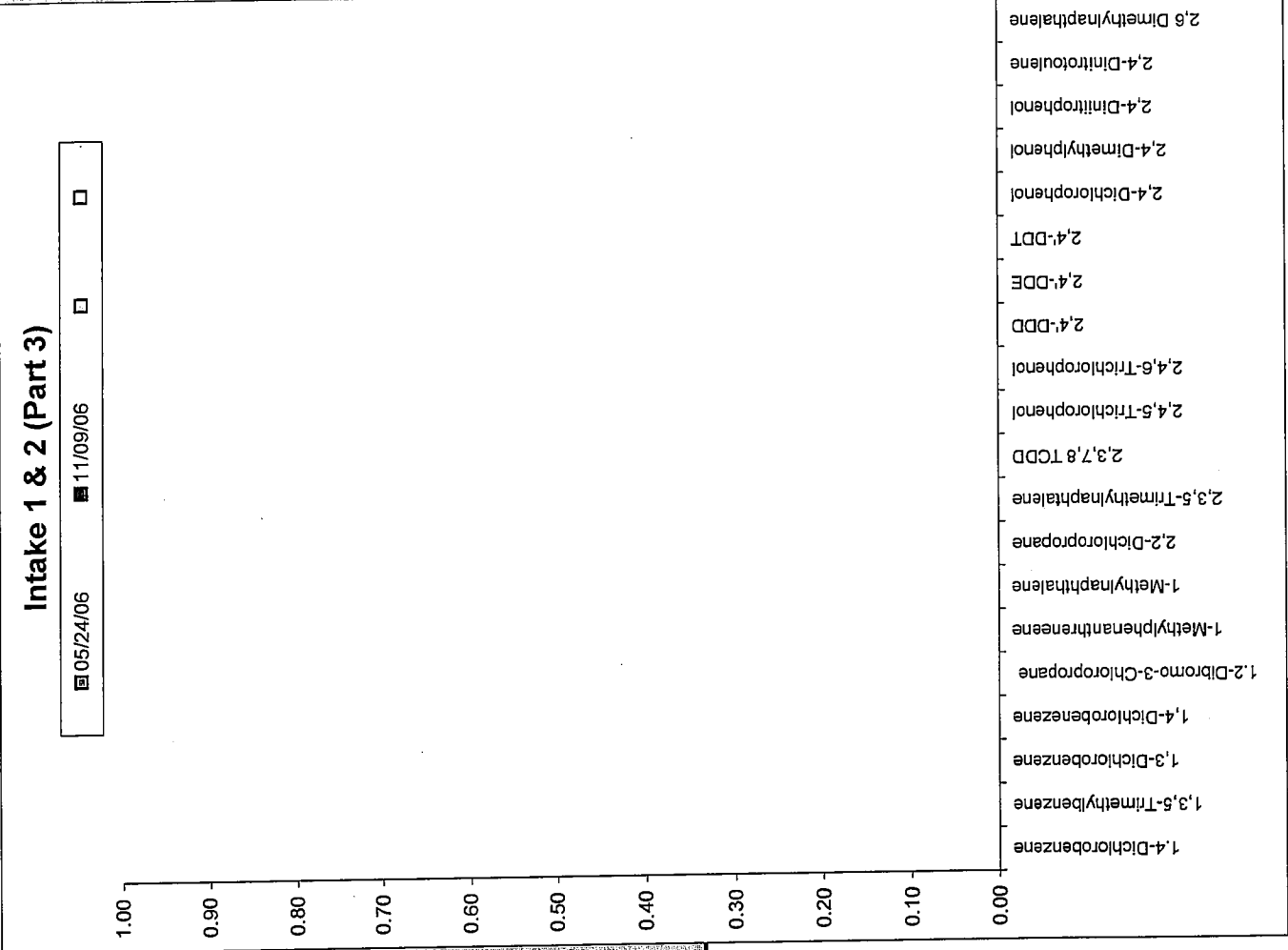
El Segundo Power, LLC  
 El Segundo Generating Station  
 2006

Intake 1 & 2 (Part 2)	05/24/06	11/09/06
1,1,1,2-Tetrachloroethane		
1,1,1-Trichloroethane		
1,1,2,2-Tetrachloroethane		
1,1,2-Trichloroethane		
1,1-Dichloroethane		
1,1-Dichloroethene		
1,1-Dichloroethylene		
1,1-Dichloropropane		
1,2,3-Trichlorobenzene		
1,2,3-Trichloropropane		
1,2,4-Trichlorobenzene		
1,2,4-Trimethylbenzene		
1,2-Dibromoethane		
1,2-Dibromo-3-Chloropropane		
1,2-Dichlorobenzene		
1,2-Dichloroethene		
1,2-Dichloroethane		
1,2-Diphenylhydrazine		
1,2-Trans-Dichloroethylene		
1,2-Dichloropropane		



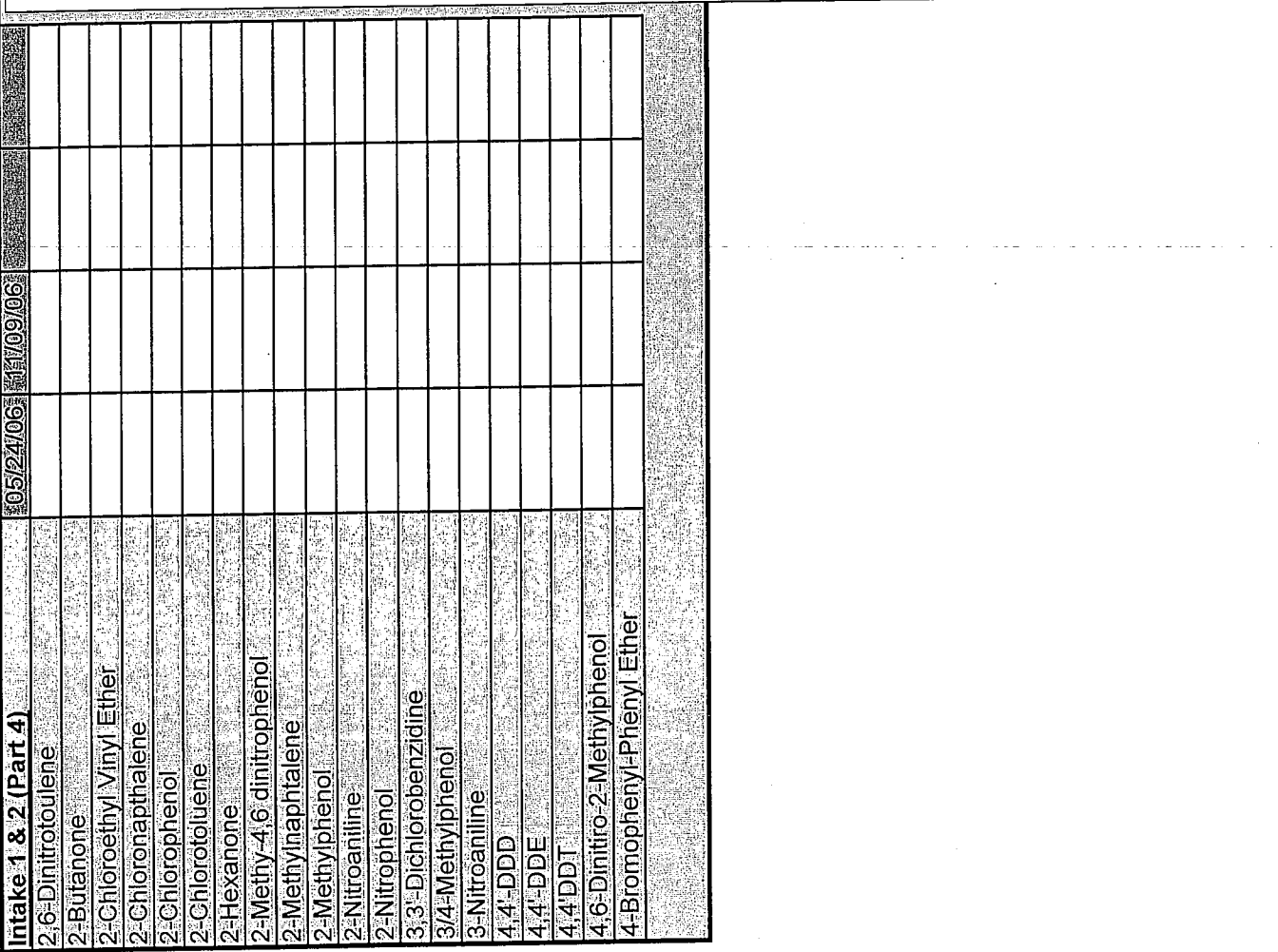


El Segundo Power, LLC  
 El Segundo Generating Station  
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Intake 1 & 2 (Part 3)	05/24/06	11/09/06	11/09/06
1,4-Dichlorobenzene			
1,3,5-Trimethylbenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
1,2-Dibromo-3-Chloropropane			
1-Methylphenanthreneene			
1-Methylnaphthalene			
2,2-Dichloropropane			
2,3,5-Trimethylnaphthalene			
2,3,7,8 TCDD			
2,4,5-Trichlorophenol			
2,4,6-Trichlorophenol			
2,4-DDD			
2,4-DDE			
2,4-DDT			
2,4-Dichlorophenol			
2,4-Dimethylphenol			
2,4-Dinitrophenol			
2,4-Dinitrotoluene			
2,6-Dimethylnaphthalene			

Intake 1 & 2 (Part 4)	05/24/06	11/09/06
2,6-Dinitrotoluene		
2-Butanone		
2-Chloroethyl Vinyl Ether		
2-Chloronaphthalene		
2-Chlorophenol		
2-Chlorotoluene		
2-Hexanone		
2-Methy-4,6 dinitrophenol		
2-Methylnaphthalene		
2-Methylphenol		
2-Nitroaniline		
2-Nitrophenol		
3,3'-Dichlorobenzidine		
3/4-Methylphenol		
3-Nitroaniline		
4,4'-DDD		
4,4'-DDE		
4,4'-DDT		
4,6-Dinitro-2-Methylphenol		
4-Bromophenyl-Phenyl Ether		



- 2,6-Dinitrotoluene
- 2-Butanone
- 2-Chloroethyl Vinyl Ether
- 2-Chloronaphthalene
- 2-Chlorophenol
- 2-Chlorotoluene
- 2-Hexanone
- 2-Methy-4,6 dinitrophenol
- 2-Methylnaphthalene
- 2-Methylphenol
- 2-Nitroaniline
- 2-Nitrophenol
- 3,3'-Dichlorobenzidine
- 3/4-Methylphenol
- 3-Nitroaniline
- 4,4'-DDD
- 4,4'-DDE
- 4,4'-DDT
- 4,6-Dinitro-2-Methylphenol
- 4-Bromophenyl-Phenyl Ether

Intake 1 & 2 (Part 5)

05/24/06	11/09/06
4-Chloro-3-Methylphenol	
4-Chloroaniline	
4-Chlorophenyl-Phenyl Ether	
4-Chlorotoluene	
4-Methyl-2-Pentanone	
4-Nitroaniline	
4-Nitrophenol	
Acenaphthene	
Acenaphthylene	
Acetone	
Acrolein	
Acrylonitrile	
Aldrin	
Alpha-BHC	
Ammonia Nitrate	
Aniline	
Anthracene	
Arcolor 1248	
Arcolor 1254	
Aroclor-1016	

Intake 1 & 2 (Part 5)

05/24/06    
  11/09/06    

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

- 4-Chloro-3-Methylphenol
- 4-Chloroaniline
- 4-Chlorophenyl-Phenyl Ether
- 4-Chlorotoluene
- 4-Methyl-2-Pentanone
- 4-Nitroaniline
- 4-Nitrophenol
- Acenaphthene
- Acenaphthylene
- Acetone
- Acrolein
- Acrylonitrile
- Aldrin
- Alpha-BHC
- Ammonia Nitrate
- Aniline
- Anthracene
- Arcolor 1248
- Arcolor 1254
- Aroclor-1016

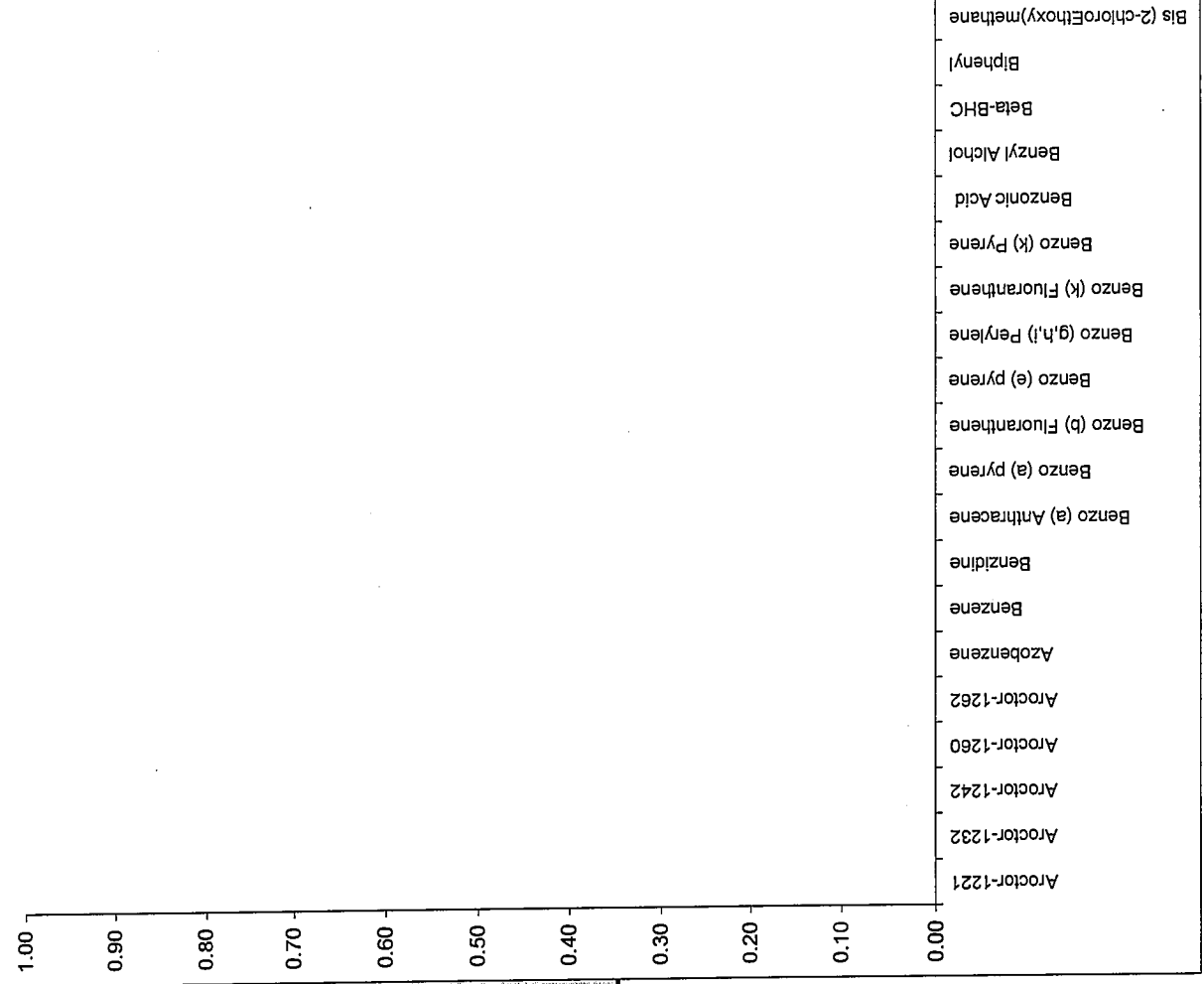
El Segundo Power, LLC  
 El Segundo Generating Station  
 2006

Intake 1 & 2 (Part 6)

	05/24/06	11/09/06
Aroclor-1221		
Aroclor-1232		
Aroclor-1242		
Aroclor-1260		
Aroclor-1262		
Azobenzene		
Benzene		
Benzidine		
Benzo (a) Anthracene		
Benzo (a) pyrene		
Benzo (b) Fluoranthene		
Benzo (e) pyrene		
Benzo (g,h,i) Perylene		
Benzo (k) Fluoranthene		
Benzo (k) Pyrene		
Benzonic Acid		
Benzyl Alcohol		
Beta-BHC		
Biphenyl		
Bis (2-chloroEthoxy)methane		

Intake 1 & 2 (Part 6)

05/24/06   
  11/09/06   

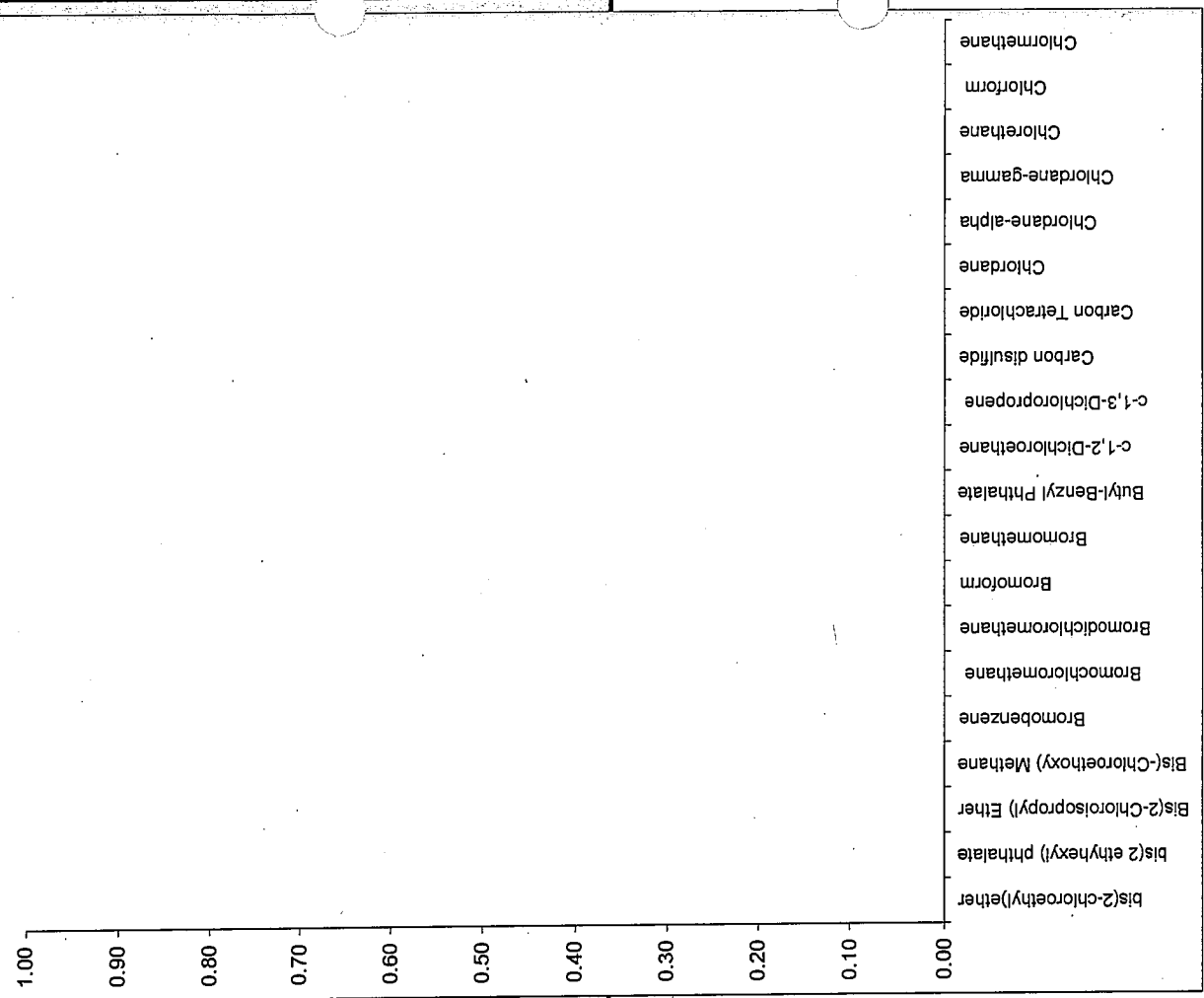


El Segundo Power, LLC  
 El Segundo Generating Station  
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Intake 1 & 2 (Part 7)	05/24/06	11/09/06
bis(2-chloroethoxy) ether		
bis(2-ethoxy) phthalate		
Bis(2-Chloroisopropyl) Ether		
Bis(-Chloroethoxy) Methane		
Bromobenzene		
Bromochloromethane		
Bromodichloromethane		
Bromoform		
Bromomethane		
Butyl-Benzyl Phthalate		
c-1,2-Dichloroethane		
c-1,3-Dichloropropene		
Carbon disulfide		
Carbon Tetrachloride		
Chlordane		
Chlordane-alpha		
Chlordane-gamma		
Chlorethane		
Chloroform		
Chloromethane		

Intake 1 & 2 (Part 7)

05/24/06    
  11/09/06    



- bis(2-chloroethoxy) ether
- bis(2-ethoxy) phthalate
- Bis(2-Chloroisopropyl) Ether
- Bis(-Chloroethoxy) Methane
- Bromobenzene
- Bromochloromethane
- Bromodichloromethane
- Bromoform
- Bromomethane
- Butyl-Benzyl Phthalate
- c-1,2-Dichloroethane
- c-1,3-Dichloropropene
- Carbon disulfide
- Carbon Tetrachloride
- Chlordane
- Chlordane-alpha
- Chlordane-gamma
- Chlorethane
- Chloroform
- Chloromethane

El Segundo Power, LLC  
 El Segundo Generating Station  
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Intake 1 & 2 (Part 8)	05/24/06	11/09/06
Chlorobenzene		
Chlorodane-alpha		
Chlorodane-gamma		
Chlorodibromo-methane		
Chrysene	ND	
Delta-BHC		
Dibenz (a,h) Anthracene		
Dibenzofuran		
Dibromochloromethane		
Dibromomethane		
Dichlorodifluoromethane		
Dieldrin		
Diethyl Phthalate		
Dimethyl Phthalate		
Di-n-Butyl Phthalate		
Di-n-Octyl Phthalate		
Endosulfan I		
Endosulfan II		
Endosulfan Sulfate		
Endrin		

Intake 1 & 2 (Part 8)

05/24/06     11/09/06   

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

Chlorobenzene  
 Chlorodane-alpha  
 Chlorodane-gamma  
 Chlorodibromo methane  
 Chrysene  
 Delta-BHC  
 Dibenz (a,h) Anthracene  
 Dibenzofuran  
 Dibromochloromethane  
 Dibromomethane  
 Dichlorodifluoromethane  
 Dieldrin  
 Diethyl Phthalate  
 Dimethyl Phthalate  
 Di-n-Butyl Phthalate  
 Di-n-Octyl Phthalate  
 Endosulfan I  
 Endosulfan II  
 Endosulfan Sulfate  
 Endrin

El Segundo Power, LLC  
 El Segundo Generating Station  
 2006

Intake 1 & 2 (Part 9)	05/24/06	11/09/06
Endrin Aldehyde		
Endrin Ketone		
Ethylbenzene		
Fluoranthene		
Fluorene		
Gamma-BHC		
Heptachlor		
Heptachlor Epoxide		
Hexachloro-1,3 Butadiene		
Hexachlorobutadiene		
Hexachlorobenzene		
Hexachlorocyclopentadiene		
Hexachloroethane		
Indeno (1,2,3-c,d) Pyrene		
Isophorone		
Isopropylbenzene		
Methoxychlor		
Methyl Bromide		
Methylene chloride		
Methyl-tert-Butyl Ether		

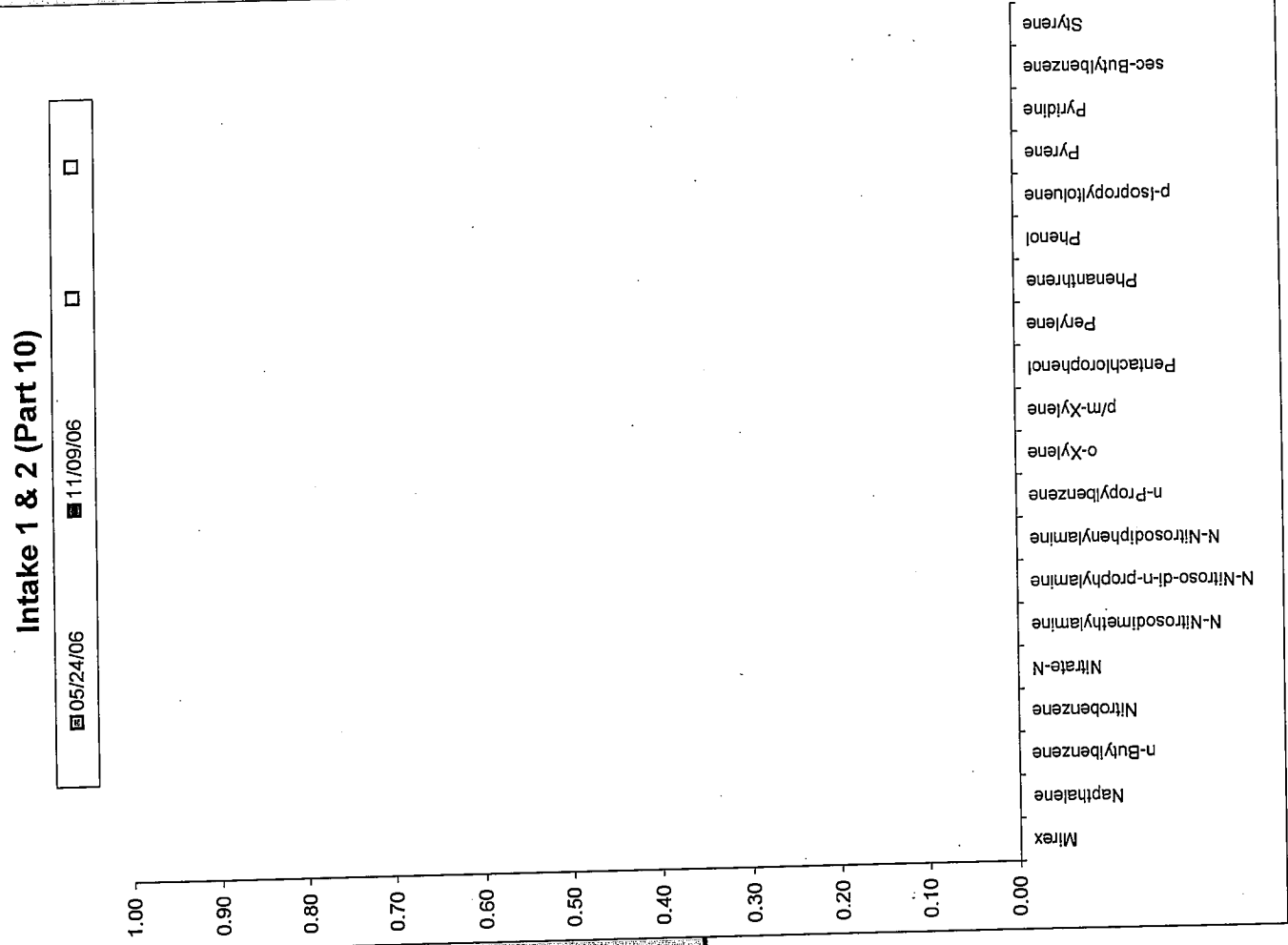
Intake 1 & 2 (Part 9)

05/24/06  11/09/06

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

Endrin Aldehyde  
 Endrin Ketone  
 Ethylbenzene  
 Fluoranthene  
 Fluorene  
 Gamma-BHC  
 Heptachlor  
 Heptachlor Epoxide  
 Hexachloro-1,3 Butadiene  
 Hexachlorobutadiene  
 Hexachlorobenzene  
 Hexachlorocyclopentadiene  
 Hexachloroethane  
 Indeno (1,2,3-c,d) Pyrene  
 Isophorone  
 Isopropylbenzene  
 Methoxychlor  
 Methyl Bromide  
 Methylene chloride  
 Methyl-tert-Butyl Ether

Intake 1 & 2 (Part 10)	05/24/06	11/09/06
Mirex		
Naphthalene		
n-Butylbenzene		
Nitrobenzene		
Nitrate-N		
N-Nitrosodimethylamine		
N-Nitroso-di-n-propylamine		
N-Nitrosodiphenylamine		
n-Propylbenzene		
o-Xylene		
p/m-Xylene		
Pentachlorophenol		
Perylene		
Phenanthrene		
Phenol		
p-Isopropyltoluene		
Pyrene		
Pyridine		
sec-Butylbenzene		
Styrene		







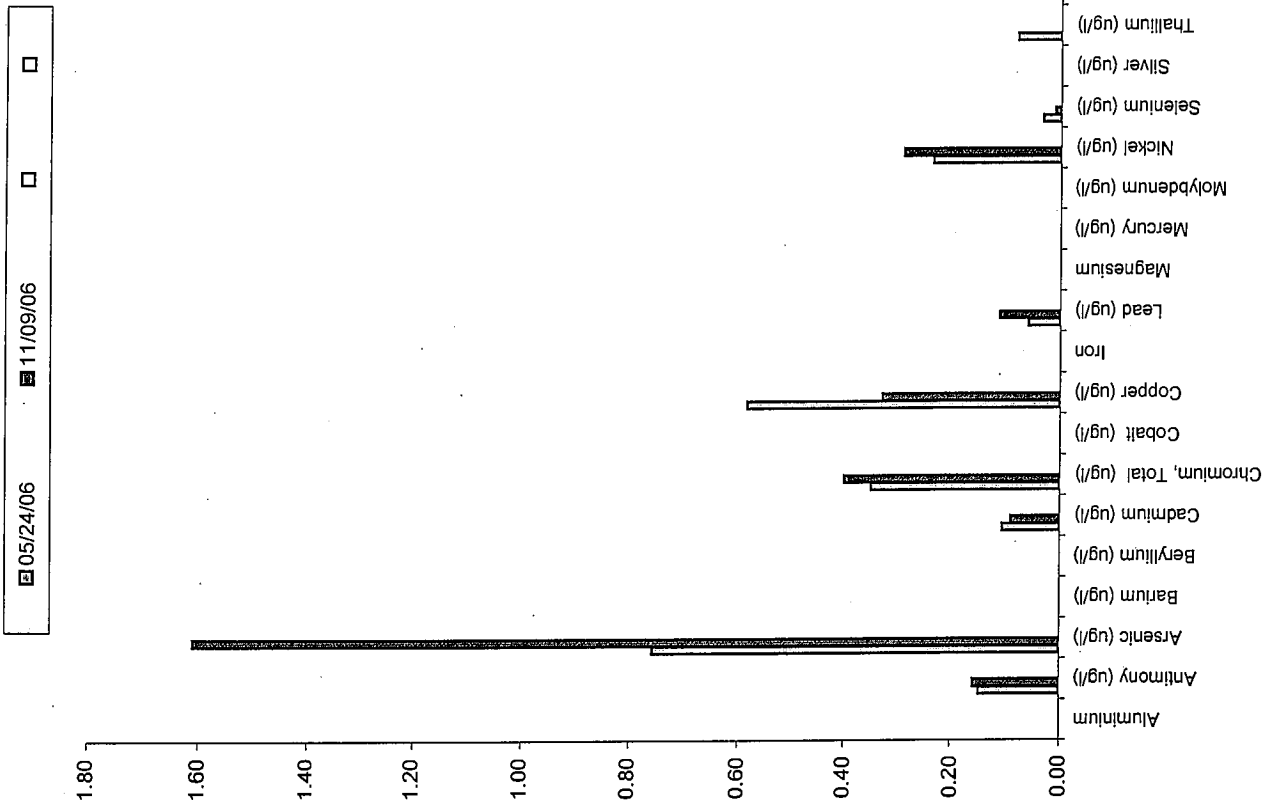




Intake 3 & 4 (Part 1)	05/24/06	11/09/06
Aluminum		
Antimony (ug/l)	0.15	0.16
Arsenic (ug/l)	0.76	1.61
Barium (ug/l)		
Beryllium (ug/l)	ND	ND
Cadmium (ug/l)	0.11	0.09
Chromium, Total (ug/l)	0.35	0.40
Cobalt (ug/l)		
Copper (ug/l)	0.58	0.33
Iron		
Lead (ug/l)	0.06	0.11
Magnesium		
Mercury (ug/l)	ND	ND
Molybdenum (ug/l)		
Nickel (ug/l)	0.24	0.29
Selenium (ug/l)	0.03	0.01
Silver (ug/l)	ND	ND
Thallium (ug/l)	0.08	ND
Tin		
Titanium		
Vanadium (mg/l)		
Zinc (ug/l)	1.04	1.25

Note: Reporting limit inside of parentheses

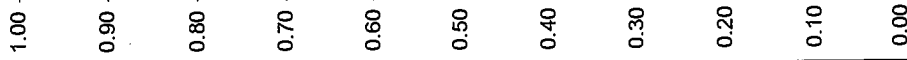
Intake 3 & 4 (Part 1)



Intake 3 & 4 (Part 2)	05/24/06	11/09/06
1,1,1,2-Tetrachloroethane		
1,1,1-Trichloroethane		
1,1,2,2-Tetrachloroethane		
1,1,2-Trichloroethane		
1,1 Dichloroethane		
1,1 Dichloroethene		
1,1 Dichloroethylene		
1,1-Dichloropropane		
1,2,3-Trichlorobenzene		
1,2,3-Trichloropropane		
1,2,4-Trichlorobenzene		
1,2,4-Trimethylbenzene		
1,2-Dibromoethane		
1,2-Dibromo-3-Chloropropane		
1,2-Dichlorobenzene		
1,2-Dichlorobezene		
1,2-Dichloroethane		
1,2-Diphenylhydrazine		
1,2-Trans Dichloroethylene		
1,2-Dichloropropane		

Intake 3 & 4 (Part 2)

05/24/06    
  11/09/06    

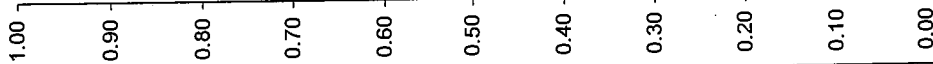


- 1,1,1,2-Tetrachloroethane
- 1,1,1-Trichloroethane
- 1,1,2-Trichloroethane
- 1,1 Dichloroethane
- 1,1 Dichloroethene
- 1,1 Dichloroethylene
- 1,1-Dichloropropane
- 1,2,3-Trichlorobenzene
- 1,2,3-Trichloropropane
- 1,2,4-Trichlorobenzene
- 1,2,4-Trimethylbenzene
- 1,2-Dibromoethane
- 1,2-Dibromo-3-Chloropropane
- 1,2-Dichlorobenzene
- 1,2-Dichlorobezene
- 1,2-Dichloroethane
- 1,2-Diphenylhydrazine
- 1,2-Trans Dichloroethylene
- 1,2-Dichloropropane

Intake 3 & 4 (Part 3)	05/24/06	11/09/06
1,4-Dichlorobenzene		
1,3,5-Trimethylbenzene		
1,3-Dichlorobenzene		
1,4-Dichlorobenzene		
1,2-Dibromo-3-Chloropropane		
1-Methylphenanthreneene		
1-Methylnaphthalene		
2,2-Dichloropropane		
2,3,5-Trimethylnaphthalene		
2,3,7,8 TCDD		
2,4,5-Trichlorophenol		
2,4,6-Trichlorophenol		
2,4'-DDD		
2,4'-DDE		
2,4'-DDT		
2,4-Dichlorophenol		
2,4-Dimethylphenol		
2,4-Dinitrophenol		
2,4-Dinitrotoluene		
2,6 Dimethylnaphthalene		

Intake 3 & 4 (Part 3)

05/24/06    
  11/09/06    

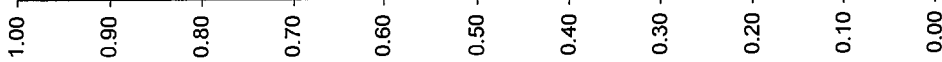


- 1,4-Dichlorobenzene
- 1,3,5-Trimethylbenzene
- 1,3-Dichlorobenzene
- 1,4-Dichlorobenzene
- 1,2-Dibromo-3-Chloropropane
- 1-Methylphenanthreneene
- 1-Methylnaphthalene
- 2,2-Dichloropropane
- 2,3,5-Trimethylnaphthalene
- 2,3,7,8 TCDD
- 2,4,5-Trichlorophenol
- 2,4,6-Trichlorophenol
- 2,4'-DDD
- 2,4'-DDE
- 2,4'-DDT
- 2,4-Dichlorophenol
- 2,4-Dimethylphenol
- 2,4-Dinitrophenol
- 2,4-Dinitrotoluene
- 2,6 Dimethylnaphthalene

Intake 3 & 4 (Part 4)	05/24/06	11/09/06
2,6-Dinitrotoluene		
2-Butanone		
2-Chloroethyl Vinyl Ether		
2-Chloronaphthalene		
2-Chlorophenol		
2-Chlorotoluene		
2-Hexanone		
2-Methy-4,6 dinitrophenol		
2-Methylnaphthalene		
2-Methylphenol		
2-Nitroaniline		
2-Nitrophenol		
3,3'-Dichlorobenzidine		
3/4-Methylphenol		
3-Nitroaniline		
4,4'-DDD		
4,4'-DDE		
4,4'-DDT		
4,6-Dinitro-2-Methylphenol		
4-Bromophenyl-Phenyl Ether		

Intake 3 & 4 (Part 4)

05/24/06     11/09/06   



- 2,6-Dinitrotoluene
- 2-Butanone
- 2-Chloroethyl Vinyl Ether
- 2-Chloronaphthalene
- 2-Chlorophenol
- 2-Chlorotoluene
- 2-Hexanone
- 2-Methy-4,6 dinitrophenol
- 2-Methylnaphthalene
- 2-Methylphenol
- 2-Nitroaniline
- 2-Nitrophenol
- 3,3'-Dichlorobenzidine
- 3/4-Methylphenol
- 3-Nitroaniline
- 4,4'-DDD
- 4,4'-DDE
- 4,4'-DDT
- 4,6-Dinitro-2-Methylphenol
- 4-Bromophenyl-Phenyl Ether

Intake 3 & 4 (Part 5)	05/24/06	11/09/06
4-Chloro-3-Methylphenol		
4-Chloroaniline		
4-Chlorophenyl-Phenyl Ether		
4-Chlorotoluene		
4-Methyl-2-Pentanone		
4-Nitroaniline		
4-Nitrophenol		
Acenaphthene		
Acenaphthylene		
Acetone		
Acrolein		
Acrylonitrile		
Aldrin		
Alpha-BHC		
Ammonia Nitrate		
Aniline		
Anthracene		
Aroclor 1248		
Aroclor 1254		
Aroclor-1016		

Intake 3 & 4 (Part 5)

05/24/06     11/09/06   

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

4-Chloro-3-Methylphenol  
 4-Chloroaniline  
 4-Chlorophenyl-Phenyl Ether  
 4-Chlorotoluene  
 4-Methyl-2-Pentanone  
 4-Nitroaniline  
 4-Nitrophenol  
 Acenaphthene  
 Acenaphthylene  
 Acetone  
 Acrolein  
 Acrylonitrile  
 Aldrin  
 Alpha-BHC  
 Ammonia Nitrate  
 Aniline  
 Anthracene  
 Aroclor 1248  
 Aroclor 1254  
 Aroclor-1016



Intake 3 & 4 (Part 6)	05/24/06	11/09/06
Aroclor-1221		
Aroclor-1232		
Aroclor-1242		
Aroclor-1260		
Aroclor-1262		
Azobenzene		
Benzene		
Benzidine		
Benzo (a) Anthracene		
Benzo (a) pyrene		
Benzo (b) Fluoranthene		
Benzo (e) pyrene		
Benzo (g,h,i) Perylene		
Benzo (k) Fluoranthene		
Benzo (k) Pyrene		
Benzonic Acid		
Benzyl Alcohol		
Beta-BHC		
Biphenyl		
Bis (2-chloroEthoxy)methane		

Intake 3 & 4 (Part 6)

05/24/06 11/09/06

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

Aroclor-1221  
Aroclor-1232  
Aroclor-1242  
Aroclor-1260  
Aroclor-1262  
Azobenzene  
Benzene  
Benzidine  
Benzo (a) Anthracene  
Benzo (a) pyrene  
Benzo (b) Fluoranthene  
Benzo (e) pyrene  
Benzo (g,h,i) Perylene  
Benzo (k) Fluoranthene  
Benzo (k) Pyrene  
Benzonic Acid  
Benzyl Alcohol  
Beta-BHC  
Biphenyl  
Bis (2-chloroEthoxy)methane

Intake 3 & 4 (Part 7)	05/24/06	11/09/06
bis(2-chloroethyl)ether		
bis(2 ethylhexyl) phthalate		
Bis(2-Chloroisopropyl) Ether		
Bis(-Chloroethoxy) Methane		
Bromobenzene		
Bromochloromethane		
Bromodichloromethane		
Bromoform		
Bromomethane		
Butyl-Benzyl Phthalate		
c-1,2-Dichloroethane		
c-1,3-Dichloropropene		
Carbon disulfide		
Carbon Tetrachloride		
Chlordane		
Chlordane-alpha		
Chlordane-gamma		
Chlorethane		
Chloroform		
Chlormethane		

Intake 3 & 4 (Part 7)

05/24/06    
  11/09/06    

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

- bis(2-chloroethyl)ether
- bis(2 ethylhexyl) phthalate
- Bis(2-Chloroisopropyl) Ether
- Bis(-Chloroethoxy) Methane
- Bromobenzene
- Bromochloromethane
- Bromodichloromethane
- Bromoform
- Bromomethane
- Butyl-Benzyl Phthalate
- c-1,2-Dichloroethane
- c-1,3-Dichloropropene
- Carbon disulfide
- Carbon Tetrachloride
- Chlordane
- Chlordane-alpha
- Chlordane-gamma
- Chlorethane
- Chloroform
- Chlormethane
- Chlormethane
- Chlorform
- Chlorethane
- Chlordane-gamma
- Chlordane-alpha
- Chlordane
- Carbon Tetrachloride
- Carbon disulfide
- c-1,2-Dichloroethane
- c-1,3-Dichloropropene

Intake 3 & 4 (Part 8)	05/24/06	11/09/06
Chlorobenzene		
Chlorodane-alpha		
Chorodane-gamma		
Chorodibromo methane		
Chrysene-	ND	
Delta-BHC		
Dibenz (a,h) Anthracene		
Dibenzofuran		
Dibromochloromethane		
Dibromomethane		
Dichlorodifluoromethane		
Dieldrin		
Diethyl Phthalate		
Dimethyl Phthalate		
Di-n-Butyl Phthalate		
Di-n-Octyl Phthalate-		
Endosulfan I		
Endosulfan II		
Endosulfan Sulfate		
Endrin		

Intake 3 & 4 (Part 8)

05/24/06     11/09/06       

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

- Chlorobenzene
- Chlorodane-alpha
- Chlorodane-gamma
- Chlorodibromo methane
- Chrysene-
- Delta-BHC
- Dibenz (a,h) Anthracene
- Dibenzofuran
- Dibromochloromethane
- Dibromomethane
- Dichlorodifluoromethane
- Dieldrin
- Diethyl Phthalate
- Dimethyl Phthalate
- Di-n-Butyl Phthalate
- Di-n-Octyl Phthalate-
- Endosulfan I
- Endosulfan II
- Endosulfan Sulfate
- Endrin

Intake 3 & 4 (Part 9)	05/24/06	11/09/06
Endrin Aldehyde		
Endrin Ketone		
Ethylbenzene		
Fluoranthene		
Fluorene		
Gamma-BHC		
Heptachlor		
Heptachlor Epoxide		
Hexachloro-1,3 Butadiene		
Hexachlorobutadiene		
Hexachlorobenzene		
Hexachlorocyclopentadiene		
Hexachloroethane		
Indeno (1,2,3-c,d) Pyrene		
Isophorone		
Isopropylbenzene		
Methoxychlor		
Methyl Bromide		
Methylene chloride		
Methyl-tert-Butyl Ether		

Intake 3 & 4 (Part 9)

05/24/06
  11/09/06

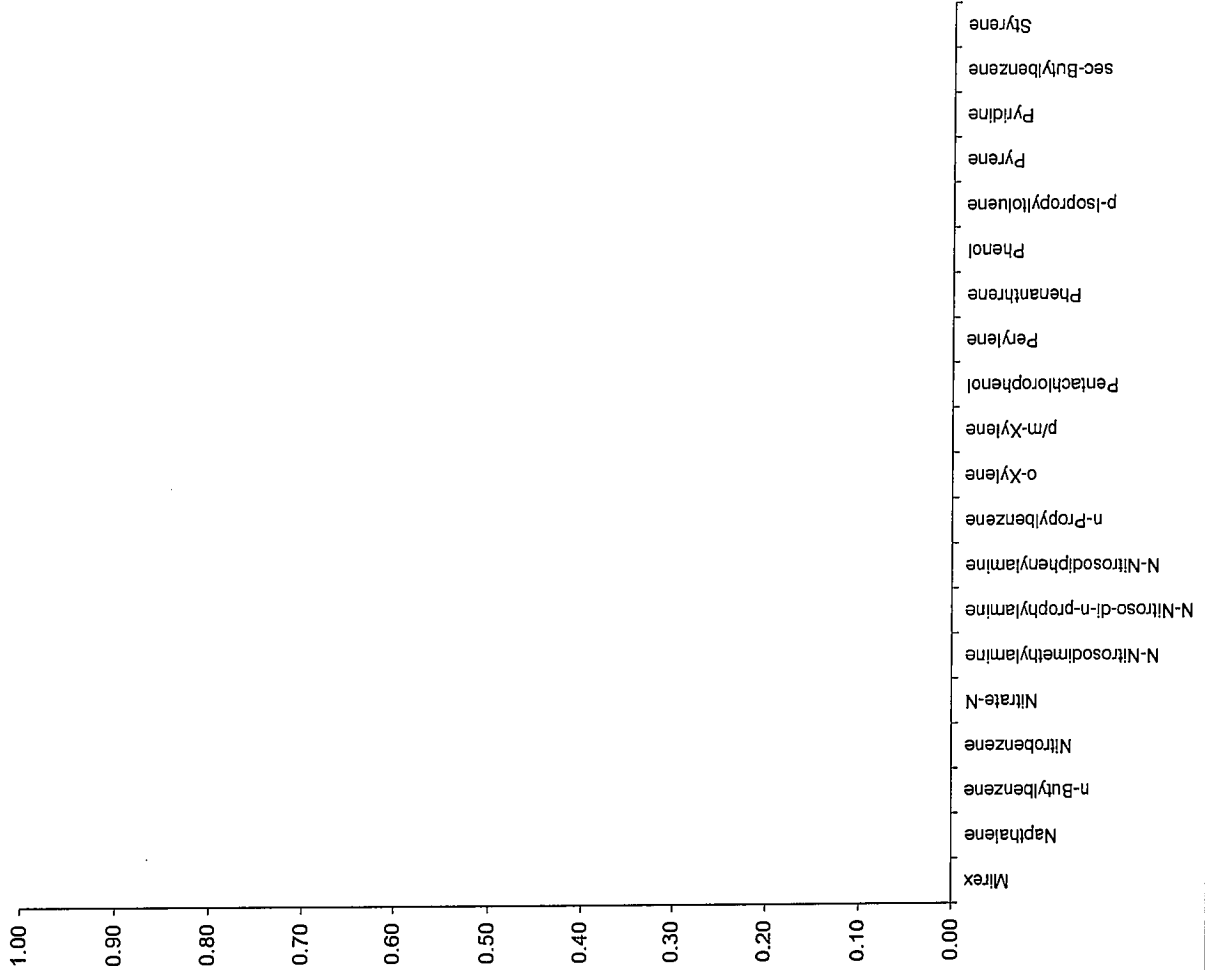
1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

Endrin Aldehyde  
 Endrin Ketone  
 Ethylbenzene  
 Fluoranthene  
 Fluorene  
 Gamma-BHC  
 Heptachlor  
 Heptachlor Epoxide  
 Hexachloro-1,3 Butadiene  
 Hexachlorobutadiene  
 Hexachlorobenzene  
 Hexachlorocyclopentadiene  
 Hexachloroethane  
 Indeno (1,2,3-c,d) Pyrene  
 Isophorone  
 Isopropylbenzene  
 Methoxychlor  
 Methyl Bromide  
 Methylene chloride  
 Methyl-tert-Butyl Ether

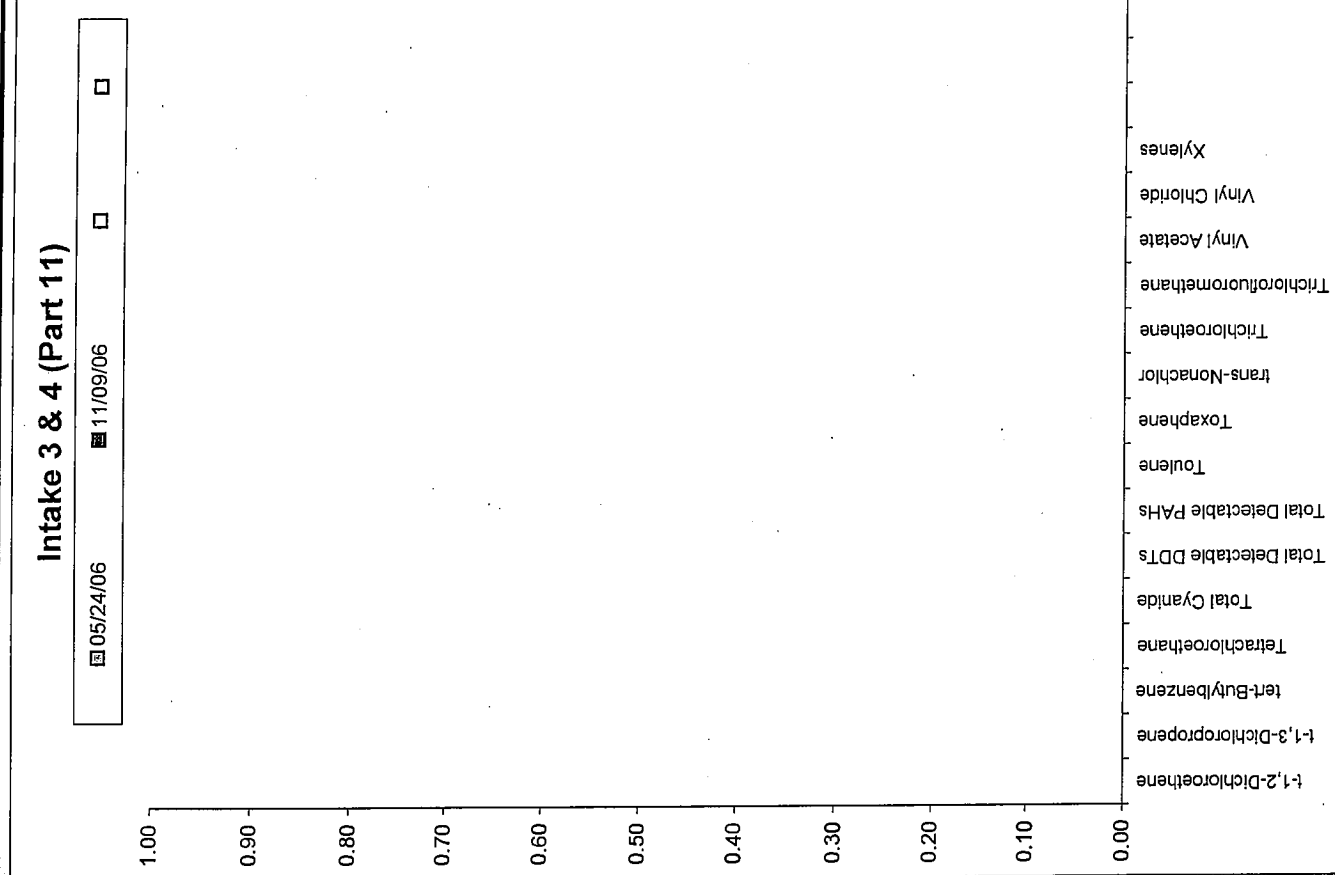
Intake 3 & 4 (Part 10)	05/24/06	11/09/06
Mirex		
Naphthalene		
n-Butylbenzene		
Nitrobenzene		
Nitrate-N		
N-Nitrosodimethylamine		
N-Nitroso-di-n-propylamine		
N-Nitrosodiphenylamine		
n-Propylbenzene		
o-Xylene		
p/m-Xylene		
Pentachlorophenol		
Perylene		
Phenanthrene		
Phenol		
p-Isopropyltoluene		
Pyrene		
Pyridine		
sec-Butylbenzene		
Styrene		

Intake 3 & 4 (Part 10)

05/24/06   
  11/09/06   



Intake 3 & 4 (Part 11)	05/24/06	11/09/06
t-1,2-Dichloroethene		
t-1,3-Dichloropropene		
tert-Butylbenzene		
Tetrachloroethane		
Total Cyanide		
Total Detectable DDTs		
Total Detectable PAHs		
Toulene		
Toxaphene		
trans-Nonachlor		
Trichloroethene		
Trichlorofluoromethane		
Vinyl Acetate		
Vinyl Chloride		
Xylenes		





California  
Department of  
Health Services



STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**ENVIRONMENTAL LABORATORY CERTIFICATION**

Is hereby granted to

**AQUATIC BIOASSAY & CONSULTING LABORATORIES, INC.**

29 NORTH OLIVE STREET  
VENTURA, CA 93001

Scope of certification is limited to the  
"Accredited Fields of Testing"  
which accompanies this Certificate.

Continued certification status depends on successful completion of site visit,  
proficiency testing studies, and payment of applicable fees.

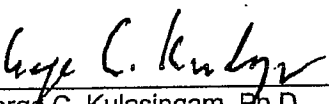
This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1907

Expiration Date: 07/31/2007

Effective Date: 07/01/2005

Berkeley, California  
subject to forfeiture or revocation

  
George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Progra

**CALIFORNIA DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM**

**Accredited Fields of Testing**

AQUATIC BIOASSAY & CONSULTING LABORATORIES, INC.

Lab Phone (805) 643-5621

29 NORTH OLIVE STREET  
VENTURA, CA 93001

Certificate No: 1907      Renew Date: 07/31/2007

**Field of Testing: 107 - Microbiology of Wastewater**

107.020	001	Total Coliform	SM9221B
107.040	001	Fecal Coliform	SM9221C,E (MTF/EC)
107.100	001	Fecal Streptococci	SM9230B
107.100	002	Enterococci	SM9230B

**Field of Testing: 108 - Inorganic Chemistry of Wastewater**

108.050	001	pH	EPA 150.1
108.251	001	Dissolved Oxygen	EPA 360.2
108.590	001	Biochemical Oxygen Demand	SM5210B

**Field of Testing: 113 - Whole Effluent Toxicity of Wastewater**

113.010	001A	Fathead Minnow ( <i>P. promelas</i> )	EPA 600/4-90/027F, Static
113.010	001B	Fathead Minnow ( <i>P. promelas</i> )	EPA 600/4-90/027F, Static Renewal
113.010	003A	Rainbow trout ( <i>O. mykiss</i> )	EPA 600/4-90/027F, Static
113.010	003B	Rainbow trout ( <i>O. mykiss</i> )	EPA 600/4-90/027F, Static Renewal
113.010	005A	Daphnid ( <i>C. dubia</i> )	EPA 600/4-90/027F, Static
113.010	005B	Daphnid ( <i>C. dubia</i> )	EPA 600/4-90/027F, Static Renewal
113.010	006A	Daphnia spp.	EPA 600/4-90/027F, Static
113.010	006B	Daphnia spp.	EPA 600/4-90/027F, Static Renewal
113.010	008A	Topsmelt ( <i>A. affinis</i> )	EPA 600/4-90/027F, Static
113.010	008B	Topsmelt ( <i>A. affinis</i> )	EPA 600/4-90/027F, Static Renewal
113.010	009A	Silverside ( <i>Menidia</i> spp.)	EPA 600/4-90/027F, Static
113.010	009B	Silverside ( <i>Menidia</i> spp.)	EPA 600/4-90/027F, Static Renewal
113.010	012A	Mysid ( <i>M. bahia</i> )	EPA 600/4-90/027F, Static
113.010	012B	Mysid ( <i>M. bahia</i> )	EPA 600/4-90/027F, Static Renewal
113.021	001A	Fathead Minnow ( <i>P. promelas</i> )	EPA 2000 (EPA-821-R-02-012), Static
113.021	001B	Fathead Minnow ( <i>P. promelas</i> )	EPA 2000 (EPA-821-R-02-012), Static Renewal
113.022	003A	Rainbow trout ( <i>O. mykiss</i> )	EPA 2019 (EPA-821-R-02-012), Static
113.022	003B	Rainbow trout ( <i>O. mykiss</i> )	EPA 2019 (EPA-821-R-02-012), Static Renewal
113.023	005A	Daphnid ( <i>C. dubia</i> )	EPA 2002 (EPA-821-R-02-012), Static
113.023	005B	Daphnid ( <i>C. dubia</i> )	EPA 2002 (EPA-821-R-02-012), Static Renewal
113.024	006A	Daphnia spp.	EPA 2021 (EPA-821-R-02-012), Static
113.024	006B	Daphnia spp.	EPA 2021 (EPA-821-R-02-012), Static Renewal
113.025	009A	Silverside ( <i>Menidia</i> spp.)	EPA 2006 (EPA-821-R-02-012), Static
113.025	009B	Silverside ( <i>Menidia</i> spp.)	EPA 2006 (EPA-821-R-02-012), Static Renewal
113.027	012A	Mysid ( <i>M. bahia</i> )	EPA 2007 (EPA-821-R-02-012), Static
113.027	012B	Mysid ( <i>M. bahia</i> )	EPA 2007 (EPA-821-R-02-012), Static Renewal

As of 12/04/2006, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.



113.028	008A	Topsmelt ( <i>A. affinis</i> )	EPA-821-R-02-012, Static
113.028	008B	Topsmelt ( <i>A. affinis</i> )	EPA-821-R-02-012, Static Renewal
113.040	001	Fathead Minnow ( <i>P. promelas</i> )	EPA 1000 (EPA/600/4-91/002)
113.041	001	Fathead Minnow ( <i>P. promelas</i> )	EPA 1000 (EPA-821-R-02-013)
113.050	005	Daphnid ( <i>C. dubia</i> )	EPA 1002 (EPA/600/4-91/002)
113.051	005	Daphnid ( <i>C. dubia</i> )	EPA 1002 (EPA-821-R-02-013)
113.060	020	Green algae ( <i>S. capricornutum</i> )	EPA 1003 (EPA/600/4-91/002)
113.061	020	Green algae ( <i>S. capricornutum</i> )	EPA 1003 (EPA-821-R-02-013)
113.080	009	Silverside ( <i>Menidia</i> spp.)	EPA 1006 (EPA/600/4-91/003)
113.081	009	Silverside ( <i>Menidia</i> spp.)	EPA 1006 (EPA-821-R-02-014)
113.090	012	Mysid ( <i>M. bahia</i> )	EPA 1007 (EPA/600/4-91/003)
113.091	012	Mysid ( <i>M. bahia</i> )	EPA 1007 (EPA-821-R-02-014)
113.120	008	Topsmelt ( <i>A. affinis</i> )	EPA 600/R-95/136
113.120	017D	Purple sea urchin ( <i>S. purpuratus</i> )	EPA 600/R-95/136, Fertilization Test
113.120	017E	Purple sea urchin ( <i>S. purpuratus</i> )	EPA 600/R-95/136, Development Test
113.120	022	Giant kelp ( <i>M. pyrifera</i> )	EPA 600/R-95/136
113.120	023	Red abalone ( <i>H. rufescens</i> )	EPA 600/R-95/136

**Field of Testing: 119 - Toxicity Bioassay of Hazardous Waste**

119.010	001	Fathead Minnow ( <i>P. promelas</i> )	Polisini & Miller (CDFG 1988)
119.010	003	Rainbow trout ( <i>O. mykiss</i> )	Polisini & Miller (CDFG 1988)

**Field of Testing: 126 - Microbiology of Recreational Water**

126.010	001	Total Coliform (Enumeration)	SM9221A,B,C
126.030	001	Fecal Coliform (Enumeration)	SM9221E
126.050	001	Total Coliform and <i>E. coli</i>	SM9223
126.080	001	Enterococci	IDEXX

*State of California*  
*State Water Resources Control Board*

*Certificate of Competence*

This is to certify that pursuant to the provisions of Chapter 9, Division 7  
of the California Water Code

**Ric R. Vardel**

has fulfilled the requirements for certification as a

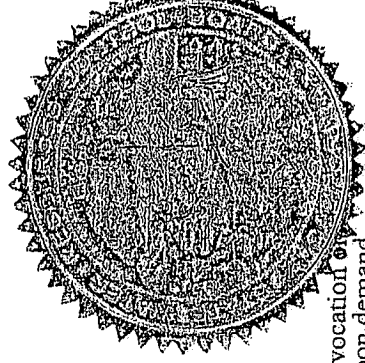
*Grade V*

*Wastewater Treatment Plant Operator*  
*Certificate Number V-4467*

Issued on November 19, 2003

Original Issue Date: October 1, 1983

**EXPIRATION DATE: December 31, 2007**



*Arthur Guy Baggett, Jr.*  
Arthur Guy Baggett, Jr.  
Chairman

This certificate is the property of the State of California and in the event of its suspension, revocation or  
invalidation for any reason, it must be returned to the State Water Resources control board upon demand.

California State Water Resources Control Board

# CERTIFICATE OF REGISTRATION

This is to certify that pursuant to the provisions of  
Title 23, Chapter 26, Division 3, Article 10 of the California Code of Regulations


**Integrated Performance Consultants, Inc.**  
PO Box 4362  
Mission Viejo, CA 92690

is registered in the State of California as a:

## WASTEWATER TREATMENT PLANT CONTRACT OPERATOR


Registration Number CO-0083

Issued the 1st day of November, 2001  
Expires October 31, 2007

  
Chairman



This certificate is the property of the State of California and in the event of its suspension, revocation or invalidation for any reason, it must upon demand, be returned to the State Water Resources Control Board.



California  
Department of  
Health Services



STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**ENVIRONMENTAL LABORATORY CERTIFICATION**

Is hereby granted to

**MBC APPLIED ENVIRONMENTAL SCIENCES**

3000 REDHILL AVENUE  
COSTA MESA, CA 92626-4524


Scope of certification is limited to the  
"Accredited Fields of Testing"  
which accompanies this Certificate.

Continued certification status depends on successful completion of site visit,  
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1788  
Expiration Date: 07/31/2008  
Effective Date: 07/01/2006

Richmond, California  
subject to forfeiture or revocation

  
George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Program



STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**ENVIRONMENTAL LABORATORY CERTIFICATION**

Is hereby granted to

**POWER PRODUCTION CHEMICAL, SOUTHERN CALIFORNIA EDISON**

7301 FENWICK LANE, 2nd FLOOR  
WESTMINSTER, CA 92683

Scope of certification is limited to the  
"Accredited Fields of Testing"  
which accompanies this Certificate.

Continued certification status depends on successful completion of site visit,  
proficiency testing studies, and payment of applicable fees.

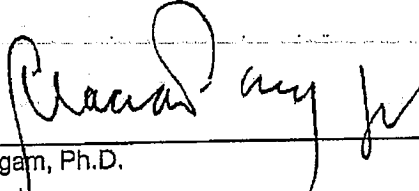
This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1949

Expiration Date: 11/30/2007

Effective Date: 11/01/2005

Richmond, California  
subject to forfeiture or revocation

  
George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Program



State of California—Health and Human Services Agency  
Department of Health Services



SANDRA SHEWRY  
Director

ARNOLD SCHWARZENEGGER  
Governor

July 6, 2006

Certificate No.: 1949

SHAWN SIMMONS  
POWER PRODUCTION CHEMICAL, SOUTHERN CALIFORNIA EDISON  
7301 FENWICK LANE, 2nd FLOOR  
WESTMINSTER, CA 92683

Dear SHAWN SIMMONS:

This is to advise you that the laboratory named above has been certified as an environmental testing laboratory pursuant to the provisions of the California Environmental Laboratory Improvement Act (Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq.).

The Fields of Testing for which this laboratory has been certified under this Act are indicated on the enclosed "Accredited Fields of Testing." Certification shall remain in effect until **November 30, 2007** unless revoked. This certificate is subject to an annual fee as prescribed by Section 100860(a), HSC, due on November 30, 2006.

Your application for renewal must be received 90 days before the expiration of your certificate to remain in force according to the California Code of Regulations, Title 22, Division 4, Chapter 19, Section 64801 through 64827.

Any changes in laboratory location or structural alterations, which may affect adversely the quality of analysis in the fields of testing for which the laboratory has been granted certification, require prior notification. Notification is also required for changes in ownership or laboratory director within 30 days after the change (HSC, Section 100845(b) and (d)).

Your continued cooperation is essential to maintain high quality of the data produced by environmental laboratories certified by the State of California.

If you have any questions, please contact Ting Sie at (213) 580-5731.

Sincerely,

George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Program

Enclosure

**CALIFORNIA DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Accredited Fields of Testing**

**POWER PRODUCTION CHEMICAL, SOUTHERN CALIFORNIA EDISON**

**Lab Phone (714) 895-0525**

7301 FENWICK LANE, 2nd FLOOR  
WESTMINSTER, CA 92683

**Certificate No: 1949      Renew Date: 11/30/2007**

**Field of Testing: 102 - Inorganic Chemistry of Drinking Water**

102.045	001	Perchlorate	EPA 314.0
102.100	001	Alkalinity	SM2320B
102.121	001	Hardness	SM2340C
102.130	001	Conductivity	SM2510B
102.140	001	Total Dissolved Solids	SM2540C
102.240	001	Phosphate, Ortho	SM4500-P E
102.530	001	Calcium	SM3500-Ca D

**Field of Testing: 108 - Inorganic Chemistry of Wastewater**

108.050	001	pH	EPA 150.1
108.110	001	Turbidity	EPA 180.1
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	004	Nitrate	EPA 300.0
108.120	005	Nitrite	EPA 300.0
108.120	006	Nitrate-nitrite, Total	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.270	001	Dissolved Silica	EPA 370.1
108.380	001	Oil and Grease	EPA 1664
108.400	001	Acidity	SM2310B
108.410	001	Alkalinity	SM2320B
108.420	001	Hardness (calc.)	SM2340B
108.421	001	Hardness	SM2340C
108.430	001	Conductivity	SM2510B
108.440	001	Residue, Total	SM2540B
108.441	001	Residue, Filterable	SM2540C
108.442	001	Residue, Non-filterable	SM2540D
108.443	001	Residue, Settleable	SM2540F
108.445	001	Calcium	SM3111B
108.445	003	Magnesium	SM3111B
108.445	004	Potassium	SM3111B
108.445	005	Sodium	SM3111B
108.465	001	Chlorine	SM4500-Cl G
108.531	001	Dissolved Oxygen	SM4500-O G
108.560	001	Sulfite	SM4500-SO3 B
108.580	001	Sulfide	SM4500-S=D

POWER PRODUCTION CHEMICAL, SOUTHERN CALIFORNIA E

Certificate No: 1949  
Renew Date: 11/30/2007

108.590	001	Biochemical Oxygen Demand	SM5210B
108.611	001	Total Organic Carbon	SM5310C
108.660	001	Chemical Oxygen Demand	HACH8000
108.672	001	Phosphate, Ortho	HACH8048
108.903	001	Boron	SM4500-B B

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.370	006	Copper	SM3111B
109.370	009	Iron	SM3111B
109.410	009	Copper	SM3113B





STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**ENVIRONMENTAL LABORATORY CERTIFICATION**

Is hereby granted to

**CRG MARINE LABORATORIES, INC.**

2020 DEL AMO BLVD. SUITE 200  
TORRANCE, CA 90501

Scope of certification is limited to the  
"Accredited Fields of Testing"  
which accompanies this Certificate.

Continued certification status depends on successful completion of site visit,  
proficiency testing studies, and payment of applicable fees.

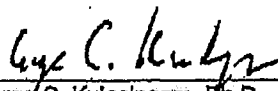
This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2261

Expiration Date: 07/31/2007

Effective Date: 07/01/2005

Berkeley, California  
subject to forfeiture or revocation

  
George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Progra



State of California—Health and Human Services Agency  
Department of Health Services



July 1, 2005

Certificate No.: 2261

RICHARD GOSSETT  
CRG MARINE LABORATORIES, INC.  
2020 DEL AMO BLVD. SUITE 200  
TORRANCE, CA 90501

Dear RICHARD GOSSETT:

This is to advise you that the laboratory named above continues to be certified as an environmental testing laboratory pursuant to the provisions of the California Environmental Laboratory Improvement Act (Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq.). Certification for all currently certified Fields of Testing that the laboratory has applied for renewal shall remain in effect until **07/31/2007** unless revoked.

**Please note that the renewal application for certification is subject to an on-site visit, and continued use of the certificate is contingent upon:**

- \* **successful completion of the site visit;**
- \* **acceptable performance in the required performance evaluation (PE) studies;**
- \* **timely payment of all fees, including an annual fee due before July 31, 2006;**
- \* **compliance with Environmental Laboratory Accreditation Program (ELAP) statutes (HSC, Section 100825, et seq.) and Regulations (California Code of Regulations (CCR), Title 22, Division 4, Chapter 19).**

An updated "Approved Fields of Testing" will be issued to the laboratory upon completion of the renewal process. The application for the next renewal must be received 90 days before the expiration of this certificate to remain in force according to the CCR, Section 64801 through 64827.

Please note that the laboratory is required to notify ELAP of any major changes in the laboratory such as the transfer of ownership, change of laboratory director, change in location, or structural alterations which may affect adversely the quality of analyses (HSC, Section 100845(b)(d)). Please include the above certificate number in all your correspondence to ELAP.

If you have any questions, please contact ELAP at (510) 540-2800.

Sincerely,  
*George C. Kulasingham*

George C. Kulasingham, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Program



GOVERNMENT  
DEPARTMENT OF  
HEALTH SERVICES

SANDRA SHEWRY  
Director

State of California—Health and Human Services Agency  
Department of Health Services



ARNOLD SCHWARZENEGGER  
Governor

September 2, 2004

Certificate No.: 2261

RICHARD GOSSETT  
CRG MARINE LABORATORIES, INC.  
2020 DEL AMO BLVD. SUITE 200  
TORRANCE, CA 90501

Dear RICHARD GOSSETT:

This is to advise you that the laboratory named above has been certified as an environmental testing laboratory pursuant to the provisions of the California Environmental Laboratory Improvement Act (Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq.).

The Fields of Testing for which this laboratory has been certified under this Act are indicated on the enclosed "Accredited Fields of Testing." Certification shall remain in effect until **July 31, 2005** unless revoked. This certificate is subject to an annual fee as prescribed by Section 100860(a), HSC, due on July 31, 2004.

Your application for renewal must be received 90 days before the expiration of your certificate to remain in force according to the California Code of Regulations, Title 22, Division 4, Chapter 19, Section 64801 through 64827.

Any changes in laboratory location or structural alterations, which may affect adversely the quality of analysis in the fields of testing for which the laboratory has been granted certification, require prior notification. Notification is also required for changes in ownership or laboratory director within 30 days after the change (HSC, Section 100845(b) and (d)).

Your continued cooperation is essential to maintain high quality of the data produced by environmental laboratories certified by the State of California.

If you have any questions, please contact Rosalinda Lomboy at (213) 580-5731.

Sincerely,

George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Program

Enclosure

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Environmental Laboratory Accreditation Program  
1625 Shattuck Avenue, Room 101, Berkeley, CA 94709-1611  
Phone (510) 540-2800, Fax (510) 849-5108

CALIFORNIA DEPARTMENT OF HEALTH SERVICES  
 ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
 Accredited Fields of Testing

CRG MARINE LABORATORIES, INC.

Lab Phone (310) 533-5190

2020 DEL AMO BLVD. SUITE 200  
 TORRANCE, CA 90501

Certificate No: 2261      Renew Date: 07/31/2005

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM9215B
101.060	002	Total Coliform	SM9223
101.060	003	E. coli	SM9223

Field of Testing: 107 - Microbiology of Wastewater

107.010	001	Heterotrophic Bacteria	SM9215B
107.020	001	Total Coliform	SM9221B
107.040	001	Fecal Coliform	SM9221C, E (MTF/EC)
107.060	001	Total Coliform	SM9222B
107.080	001	Fecal Coliform	SM9222D
107.110	002	Enterococci	SM9230C (MF/ME)

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.050	001	pH	EPA 150.1
108.060	001	Residue, Filterable	EPA 160.1
108.070	001	Residue, Non-filterable	EPA 160.2
108.080	001	Residue, Total	EPA 160.3
108.090	001	Residue, Volatile	EPA 160.4
108.110	001	Turbidity	EPA 180.1
108.190	001	Fluoride	EPA 340.1
108.380	001	Oil and Grease	EPA 1664
108.410	001	Alkalinity	SM2320B
108.420	001	Hardness (calc.)	SM2340B
108.430	001	Conductivity	SM2510B
108.443	001	Residue, Settleable	SM2540F
108.452	001	Chloride	SM4500-Cl- E
108.465	001	Chlorine	SM4500-Cl G
108.504	001	Ammonia	SM4500-NH3 F
108.520	001	Nitrate-nitrite, Total	SM4500-NO3 E
108.550	001	Dissolved Silica	SM4500-Si D
108.580	001	Sulfide	SM4500-S= D
108.640	001	Surfactants	SM5540C
108.670	001	Nitrite	HACH8507
108.672	001	Phosphate, Ortho	HACH8048
108.675	001	Phosphorus, Total	HACH8190

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8

As of 09/02/2004, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.

CRG MARINE LABORATORIES, INC.

Certificate No: 2261  
 Renew Date: 07/31/2005

109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	019	Mercury	EPA 200.8
109.811	001	Chromium (VI)	SM3500-Cr D

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.101	030	Pesticides	EPA 625
111.101	031	PCBs	EPA 625
111.101	032	Polynuclear Aromatic Hydrocarbons	EPA 625
111.101	033	Adipates	EPA 625
111.101	034	Phthalates	EPA 625
111.101	035	Herbicides	EPA 625
111.101	036	Other Extractables	EPA 625

Field of Testing: 126 - Microbiology of Recreational Water

126.010	001	Total Coliform (Enumeration)	SM9221A,B,C
126.020	001	Total Coliform (Enumeration)	SM9222A,B
126.030	001	Fecal Coliform (Enumeration)	SM9221E
126.040	001	Fecal Coliform (Enumeration)	SM9222D
126.050	001	Total Coliform and E. coli	SM9223
126.060	001	Enterococci	SM9230C
126.080	001	Enterococci	IDEXX

As of 09/02/2004, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.

California  
Department of  
Health Services



STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

ENVIRONMENTAL LABORATORY CERTIFICATION

Is hereby granted to

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.

7440 LINCOLN WAY  
GARDEN GROVE, CA 92841-1432

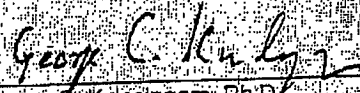
Scope of certification is limited to the  
"Accredited Fields of Testing"  
which accompanies this Certificate.

Continued certification status depends on successful completion of site visit,  
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No. 1230  
Expiration Date: 06/30/2008  
Effective Date: 06/01/2006

Richmond, California  
subject to forfeiture or revocation

  
George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Program

**CALIFORNIA DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Accredited Fields of Testing**

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.

Lab Phone (714) 895-5494

7440 LINCOLN WAY  
GARDEN GROVE, CA 92841-1432

Certificate No: 1230      Renew Date: 06/30/2008

**Field of Testing: 102 - Inorganic Chemistry of Drinking Water**

102.030 001	Bromide	EPA 300.0
102.030 003	Chloride	EPA 300.0
102.030 005	Fluoride	EPA 300.0
102.030 006	Nitrate	EPA 300.0
102.030 007	Nitrite	EPA 300.0
102.030 008	Phosphate, Ortho	EPA 300.0
102.030 010	Sulfate	EPA 300.0
102.045 001	Perchlorate	EPA 314.0
102.100 001	Alkalinity	SM2320B
102.121 001	Hardness	SM2340C
102.130 001	Conductivity	SM2510B
102.140 001	Total Dissolved Solids	SM2540C
102.145 001	Total Dissolved Solids	EPA 160.1
102.163 001	Chlorine, Free and Total	SM4500-Cl G
102.170 001	Chloride	SM4500-Cl- B
102.190 001	Cyanide, Total	SM4500-CN E
102.192 001	Cyanide, amenable	SM4500-CN G
102.260 001	Total Organic Carbon	SM5310B
102.261 001	DOC	SM5310B
102.264 001	Total Organic Carbon	SM5310D
102.265 001	DOC	SM5310D
102.270 001	Surfactants	SM5540C
102.520 001	Calcium	EPA 200.7
102.520 002	Magnesium	EPA 200.7
102.520 003	Potassium	EPA 200.7
102.520 004	Silica	EPA 200.7
102.520 005	Sodium	EPA 200.7
102.533 001	Silica	SM4500-Si D

**Field of Testing: 103 - Toxic Chemical Elements of Drinking Water**

103.040 003	Arsenic	SM3113B
103.040 008	Copper	SM3113B
103.040 010	Lead	SM3113B
103.040 013	Selenium	SM3113B
103.130 001	Aluminum	EPA 200.7
103.130 003	Barium	EPA 200.7

As of 09/18/2006, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

103.130 004	Beryllium	EPA 200.7
103.130 005	Cadmium	EPA 200.7
103.130 007	Chromium	EPA 200.7
103.130 008	Copper	EPA 200.7
103.130 009	Iron	EPA 200.7
103.130 011	Manganese	EPA 200.7
103.130 012	Nickel	EPA 200.7
103.130 015	Silver	EPA 200.7
103.130 017	Zinc	EPA 200.7
103.130 018	Boron	EPA 200.7
103.140 001	Aluminum	EPA 200.8
103.140 002	Antimony	EPA 200.8
103.140 003	Arsenic	EPA 200.8
103.140 004	Barium	EPA 200.8
103.140 005	Beryllium	EPA 200.8
103.140 006	Cadmium	EPA 200.8
103.140 007	Chromium	EPA 200.8
103.140 008	Copper	EPA 200.8
103.140 009	Lead	EPA 200.8
103.140 010	Manganese	EPA 200.8
103.140 012	Nickel	EPA 200.8
103.140 013	Selenium	EPA 200.8
103.140 014	Silver	EPA 200.8
103.140 015	Thallium	EPA 200.8
103.140 016	Zinc	EPA 200.8
103.140 017	Boron	EPA 200.8
103.140 018	Vanadium	EPA 200.8
103.160 001	Mercury	EPA 245.1
103.310 001	Chromium (VI)	EPA 218.6

**Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water**

104.030 001	1,2-Dibromoethane	EPA 504.1
104.030 002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.035 001	1,2,3-Trichloropropane	SRL 524M-TCP
104.040 000	Volatile Organic Compounds	EPA 524.2
104.040 001	Benzene	EPA 524.2
104.040 007	n-Butylbenzene	EPA 524.2
104.040 008	sec-Butylbenzene	EPA 524.2
104.040 009	tert-Butylbenzene	EPA 524.2
104.040 010	Carbon Tetrachloride	EPA 524.2
104.040 011	Chlorobenzene	EPA 524.2
104.040 015	2-Chlorotoluene	EPA 524.2
104.040 016	4-Chlorotoluene	EPA 524.2
104.040 019	1,3-Dichlorobenzene	EPA 524.2

As of 09/18/2006, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.



104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromofom	EPA 524.2
104.045	003	Chlorofom	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	005	Trihalomethanes	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	004	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	005	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	006	Trichlorotrifluoroethane	EPA 524.2
104.050	007	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	008	Carbon Disulfide	EPA 524.2
104.050	009	Methyl Isobutyl Ketone	EPA 524.2
<b>Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water</b>			
105.090	004	Benzo(a)pyrene	EPA 525.2

As of 09/18/2006, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

105.090 029 Polynuclear Aromatic Hydrocarbons EPA 525.2

## Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.040	001	Hardness	EPA 130.2
108.050	001	pH	EPA 150.1
108.060	001	Residue, Filterable	EPA 160.1
108.070	001	Residue, Non-filterable	EPA 160.2
108.080	001	Residue, Total	EPA 160.3
108.090	001	Residue, Volatile	EPA 160.4
108.100	001	Residue, Settleable	EPA 160.5
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calc.)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.116	001	Calcium	EPA 215.2
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	004	Nitrate	EPA 300.0
108.120	005	Nitrite	EPA 300.0
108.120	006	Nitrate-nitrite, Total	EPA 300.0
108.120	007	Phosphate, Ortho	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.130	001	Acidity	EPA 305.1
108.140	001	Alkalinity	EPA 310.1
108.162	001	Chloride	EPA 325.3
108.170	001	Chlorine Residual, Total	EPA 330.1
108.180	001	Cyanide, amenable	EPA 335.1
108.181	001	Cyanide, Total	EPA 335.2
108.191	001	Fluoride	EPA 340.2
108.201	001	Ammonia	EPA 350.2
108.202	001	Ammonia	EPA 350.3
108.212	001	Kjeldahl Nitrogen	EPA 351.3
108.234	001	Nitrate-nitrite, Total	EPA 353.3
108.240	001	Nitrite	EPA 354.1
108.250	001	Dissolved Oxygen	EPA 360.1
108.264	001	Phosphate, Ortho	EPA 365.3
108.285	001	Phosphorus, Total	EPA 365.3
108.282	001	Sulfate	EPA 375.4

As of 09/18/2006, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

108.291	001	Sulfide	EPA 378.2
108.300	001	Sulfite	EPA 377.1
108.310	001	Biochemical Oxygen Demand	EPA 405.1
108.320	001	Chemical Oxygen Demand	EPA 410.1
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.330	001	Oil and Grease	EPA 413.1
108.340	001	Total Organic Carbon	EPA 415.1
108.350	001	Total Recoverable Petroleum Hydrocarbons	EPA 418.1
108.360	001	Phenols, Total	EPA 420.1
108.370	001	Surfactants	EPA 425.1
108.380	001	Oil and Grease	EPA 1664
108.390	001	Turbidity	SM2130B
108.400	001	Acidity	SM2310B
108.410	001	Alkalinity	SM2320B
108.420	001	Hardness (calc.)	SM2340B
108.421	001	Hardness	SM2340C
108.430	001	Conductivity	SM2510B
108.440	001	Residue, Total	SM2540B
108.441	001	Residue, Filterable	SM2540C
108.442	001	Residue, Non-filterable	SM2540D
108.443	001	Residue, Settleable	SM2540F
108.451	001	Chloride	SM4500-Cl-C
108.454	001	Chlorine	SM4500-Cl-F
108.490	001	pH	SM4500-H+B
108.504	001	Ammonia	SM4500-NH3 F
108.510	001	Nitrite	SM4500-NO2 B
108.520	001	Nitrate-nitrite, Total	SM4500-NO3 E
108.521	001	Nitrate calc.	SM4500-NO3 E
108.531	001	Dissolved Oxygen	SM4500-O G
108.560	001	Sulfite	SM4500-SO3 B
108.580	001	Sulfide	SM4500-S= D
108.590	001	Biochemical Oxygen Demand	SM5210B
108.591	001	Carbonaceous BOD	SM5210B
108.602	001	Chemical Oxygen Demand	SM5220D
108.610	001	Total Organic Carbon	SM5310B
108.630	001	Oil and Grease	SM5520B
108.640	001	Surfactants	SM5540C
108.904	001	Calcium	SM3500-Ca D

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7

As of 09/18/2006, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.

109.010 005	Beryllium	EPA 200.7
109.010 007	Cadmium	EPA 200.7
109.010 009	Chromium	EPA 200.7
109.010 010	Cobalt	EPA 200.7
109.010 011	Copper	EPA 200.7
109.010 012	Iron	EPA 200.7
109.010 013	Lead	EPA 200.7
109.010 015	Manganese	EPA 200.7
109.010 016	Molybdenum	EPA 200.7
109.010 017	Nickel	EPA 200.7
109.010 019	Selenium	EPA 200.7
109.010 021	Silver	EPA 200.7
109.010 023	Thallium	EPA 200.7
109.010 024	Tin	EPA 200.7
109.010 025	Titanium	EPA 200.7
109.010 026	Vanadium	EPA 200.7
109.010 027	Zinc	EPA 200.7
109.020 001	Aluminum	EPA 200.8
109.020 002	Antimony	EPA 200.8
109.020 003	Arsenic	EPA 200.8
109.020 004	Barium	EPA 200.8
109.020 005	Beryllium	EPA 200.8
109.020 006	Cadmium	EPA 200.8
109.020 007	Chromium	EPA 200.8
109.020 008	Cobalt	EPA 200.8
109.020 009	Copper	EPA 200.8
109.020 010	Lead	EPA 200.8
109.020 011	Manganese	EPA 200.8
109.020 012	Molybdenum	EPA 200.8
109.020 013	Nickel	EPA 200.8
109.020 014	Selenium	EPA 200.8
109.020 015	Silver	EPA 200.8
109.020 016	Thallium	EPA 200.8
109.020 017	Vanadium	EPA 200.8
109.020 018	Zinc	EPA 200.8
109.020 019	Mercury	EPA 200.8
109.050 001	Arsenic	EPA 208.2
109.104 001	Chromium (VI)	EPA 218.6
109.121 001	Copper	EPA 220.2
109.161 001	Lead	EPA 239.2
109.190 001	Mercury	EPA 245.1
109.280 001	Selenium	EPA 270.2
109.410 003	Arsenic	SM3113B

As of 09/18/2006, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

109.410	009	Copper	SM3113B
109.410	011	Lead	SM3113B
109.410	015	Selenium	SM3113B

**Field of Testing: 113 - Whole Effluent Toxicity of Wastewater**

113.010	001A	Fathead Minnow (P. promelas)	EPA 600/4-90/027F, Static
113.010	001B	Fathead Minnow (P. promelas)	EPA 600/4-90/027F, Static Renewal
113.021	001A	Fathead Minnow (P. promelas)	EPA 2000 (EPA-821-R-02-012), Static
113.021	001B	Fathead Minnow (P. promelas)	EPA 2000 (EPA-821-R-02-012), Static Renewal

**Field of Testing: 119 - Toxicity Bioassay of Hazardous Waste**

119.010	001	Fathead Minnow (P. promelas)	Pollisni & Miller (CDFG 1988)
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**Field of Testing: 120 - Physical Properties of Hazardous Waste**

120.010	001	Ignitability	EPA 1010
120.030	001	Corrosivity	EPA 1110
120.040	001	Reactive Cyanide	Section 7.3 SW-846
120.050	001	Reactive Sulfide	Section 7.3 SW-846
120.070	001	Corrosivity - pH Determination	EPA 9040B
120.080	001	Corrosivity - pH Determination	EPA 9045C



STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

NELAP - RECOGNIZED

**ACCREDITATION**

Is hereby granted to

**CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.**

7440 LINCOLN WAY  
GARDEN GROVE, CA 92841-1432

Scope of accreditation is limited to the  
"NELAP Fields of Accreditation"  
which accompanies this Certificate.

Continued accredited status depends on successful  
ongoing participation in the program.

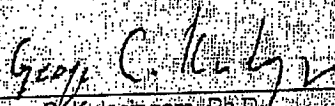
This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No: 03220CA

Expiration Date: 09/30/2007

Effective Date: 09/30/2006

Richmond, California  
subject to forfeiture or revocation

  
George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Program



CALIFORNIA DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM - NELAP RECOGNIZED  
Fields of Accreditation



CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.

Lab Phone (714) 895-5494

7440 LINCOLN WAY  
GARDEN GROVE, CA 92841-1432

Certificate No: 03220CA Renew Date: 09/30/2007

110 - Volatile Organic Chemistry of Wastewater			
110.020	000	EPA 802	Aromatic Volatiles
110.020	001	EPA 602	Benzene
110.020	002	EPA 602	Chlorobenzene
110.020	003	EPA 602	1,2-Dichlorobenzene
110.020	004	EPA 602	1,3-Dichlorobenzene
110.020	005	EPA 602	1,4-Dichlorobenzene
110.020	006	EPA 602	Ethylbenzene
110.020	007	EPA 602	Toluene
110.040	001	EPA 624	Benzene
110.040	002	EPA 624	Bromodichloromethane
110.040	003	EPA 624	Bromoform
110.040	004	EPA 624	Bromomethane
110.040	005	EPA 624	Carbon Tetrachloride
110.040	006	EPA 624	Chlorobenzene
110.040	007	EPA 624	Chloroethane
110.040	008	EPA 624	2-Chloroethyl Vinyl Ether
110.040	009	EPA 624	Chloroform
110.040	010	EPA 624	Chloromethane
110.040	011	EPA 624	Dibromochloromethane
110.040	012	EPA 624	1,2-Dichlorobenzene
110.040	013	EPA 624	1,3-Dichlorobenzene
110.040	014	EPA 624	1,4-Dichlorobenzene
110.040	015	EPA 624	1,1-Dichloroethane
110.040	016	EPA 624	1,2-Dichloroethane
110.040	017	EPA 624	1,1-Dichloroethene
110.040	018	EPA 624	trans-1,2-Dichloroethene
110.040	019	EPA 624	1,2-Dichloropropane
110.040	020	EPA 624	cis-1,3-Dichloropropene
110.040	021	EPA 624	trans-1,3-Dichloropropene
110.040	022	EPA 624	Ethylbenzene
110.040	023	EPA 624	Methylene Chloride
110.040	024	EPA 624	1,1,2,2-Tetrachloroethane
110.040	025	EPA 624	Tetrachloroethene
110.040	026	EPA 624	Toluene

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

110.040	027	EPA 624	1,1,1-Trichloroethane
110.040	028	EPA 624	1,1,2-Trichloroethane
110.040	029	EPA 624	Trichloroethene
110.040	030	EPA 624	Trichlorofluoromethane
110.040	031	EPA 624	Vinyl Chloride
110.040	040	EPA 624	Halogenated Hydrocarbons
110.040	041	EPA 624	Aromatic Compounds
110.040	042	EPA 624	Oxygenates
110.040	043	EPA 624	Other Volatile Organics

**111 - Semi-volatile Organic Chemistry of Wastewater**

111.060	001	EPA 610	Acenaphthene
111.060	002	EPA 610	Acenaphthylene
111.060	003	EPA 610	Anthracene
111.060	004	EPA 610	Benz(a)anthracene
111.060	005	EPA 610	Benzo(a)pyrene
111.060	006	EPA 610	Benzo(b)fluoranthene
111.060	007	EPA 610	Benzo(k)fluoranthene
111.060	008	EPA 610	Benzo(g,h,i)perylene
111.060	009	EPA 610	Chrysene
111.060	010	EPA 610	Dibenz(a,h)anthracene
111.060	011	EPA 610	Fluoranthene
111.060	012	EPA 610	Fluorene
111.060	013	EPA 610	Indeno(1,2,3-c,d)pyrene
111.060	014	EPA 610	Naphthalene
111.060	015	EPA 610	Phenanthrene
111.060	016	EPA 610	Pyrene
111.100	001	EPA 625	Acenaphthene
111.100	002	EPA 625	Acenaphthylene
111.100	003	EPA 625	Anthracene
111.100	004	EPA 625	Benzidine
111.100	005	EPA 625	Benz(a)anthracene
111.100	006	EPA 625	Benzo(b)fluoranthene
111.100	007	EPA 625	Benzo(k)fluoranthene
111.100	008	EPA 625	Benzo(g,h,i)perylene
111.100	009	EPA 625	Benzo(a)pyrene
111.100	010	EPA 625	Benzyl Butyl Phthalate
111.100	011	EPA 625	Bis(2-chloroethoxy)methane
111.100	012	EPA 625	Bis(2-chloroethyl) Ether
111.100	013	EPA 625	Bis(2-chloroisopropyl) Ether
111.100	014	EPA 625	Di(2-ethylhexyl) Phthalate
111.100	015	EPA 625	4-Bromophenyl Phenyl Ether

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
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111.100	016	EPA 625	4-Chloro-3-methylphenol
111.100	017	EPA 625	2-Chloronaphthalene
111.100	018	EPA 625	2-Chlorophenol
111.100	019	EPA 625	4-Chlorophenyl Phenyl Ether
111.100	020	EPA 625	Chrysene
111.100	021	EPA 625	Dibenz(a,h)anthracene
111.100	022	EPA 625	1,2-Dichlorobenzene
111.100	023	EPA 625	1,3-Dichlorobenzene
111.100	024	EPA 625	1,4-Dichlorobenzene
111.100	025	EPA 625	3,3'-Dichlorobenzidine
111.100	026	EPA 625	2,4-Dichlorophenol
111.100	027	EPA 625	Diethyl Phthalate
111.100	028	EPA 625	2,4-Dimethylphenol
111.100	029	EPA 625	Dimethyl Phthalate
111.100	030	EPA 625	Di-n-butyl phthalate
111.100	031	EPA 625	Di-n-octyl phthalate
111.100	032	EPA 625	2,4-Dinitrophenol
111.100	033	EPA 625	2,4-Dinitrotoluene
111.100	034	EPA 625	2,6-Dinitrotoluene
111.100	035	EPA 625	Fluoranthene
111.100	036	EPA 625	Fluorene
111.100	037	EPA 625	Hexachlorobenzene
111.100	038	EPA 625	Hexachlorobutadiene
111.100	039	EPA 625	Hexachlorocyclopentadiene
111.100	040	EPA 625	Hexachloroethane
111.100	041	EPA 625	Indeno(1,2,3-c,d)pyrene
111.100	042	EPA 625	Isophorone
111.100	043	EPA 625	2-Methyl-4,6-dinitrophenol
111.100	044	EPA 625	Naphthalene
111.100	045	EPA 625	Nitrobenzene
111.100	046	EPA 625	2-Nitrophenol
111.100	047	EPA 625	4-Nitrophenol
111.100	048	EPA 625	N-nitrosodimethylamine
111.100	049	EPA 625	N-nitrosodi-n-propylamine
111.100	050	EPA 625	N-nitrosodiphenylamine
111.100	051	EPA 625	Pentachlorophenol
111.100	052	EPA 625	Phenanthrene
111.100	053	EPA 625	Phenol
111.100	054	EPA 625	Pyrene
111.100	055	EPA 625	1,2,4-Trichlorobenzene
111.100	056	EPA 625	2,4,6-Trichlorophenol

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

111.101	032	EPA 625	Polynuclear Aromatic Hydrocarbons
111.101	034	EPA 625	Phthalates
111.101	036	EPA 625	Other Extractables
111.170	001	EPA 608	Aldrin
111.170	002	EPA 608	a-BHC
111.170	003	EPA 608	b-BHC
111.170	004	EPA 608	d-BHC
111.170	005	EPA 608	g-BHC (Lindane)
111.170	006	EPA 608	Chlordane
111.170	007	EPA 608	4,4'-DDD
111.170	008	EPA 608	4,4'-DDE
111.170	009	EPA 608	4,4'-DDT
111.170	010	EPA 608	Dieldrin
111.170	011	EPA 608	Endosulfan I
111.170	012	EPA 608	Endosulfan II
111.170	013	EPA 608	Endosulfan Sulfate
111.170	014	EPA 608	Endrin
111.170	015	EPA 608	Endrin Aldehyde
111.170	016	EPA 608	Heptachlor
111.170	017	EPA 608	Heptachlor Epoxide
111.170	018	EPA 608	Toxaphene
111.170	019	EPA 608	PCB-1016
111.170	020	EPA 608	PCB-1221
111.170	021	EPA 608	PCB-1232
111.170	022	EPA 608	PCB-1242
111.170	023	EPA 608	PCB-1248
111.170	024	EPA 608	PCB-1254
111.170	025	EPA 608	PCB-1260
111.170	030	EPA 608	Organochlorine Pesticides
111.170	031	EPA 608	PCBs

**114 - Inorganic Chemistry of Hazardous Waste**

114.010	001	EPA 6010B	Antimony
114.010	002	EPA 6010B	Arsenic
114.010	003	EPA 6010B	Barium
114.010	004	EPA 6010B	Beryllium
114.010	005	EPA 6010B	Cadmium
114.010	006	EPA 6010B	Chromium
114.010	007	EPA 6010B	Cobalt
114.010	008	EPA 6010B	Copper
114.010	009	EPA 6010B	Lead
114.010	010	EPA 6010B	Molybdenum

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.

114.010	011	EPA 6010B	Nickel
114.010	012	EPA 6010B	Selenium
114.010	013	EPA 6010B	Silver
114.010	014	EPA 6010B	Thallium
114.010	015	EPA 6010B	Vanadium
114.010	016	EPA 6010B	Zinc
114.020	001	EPA 6020	Antimony
114.020	002	EPA 6020	Arsenic
114.020	003	EPA 6020	Barium
114.020	004	EPA 6020	Beryllium
114.020	005	EPA 6020	Cadmium
114.020	006	EPA 6020	Chromium
114.020	007	EPA 6020	Cobalt
114.020	008	EPA 6020	Copper
114.020	009	EPA 6020	Lead
114.020	010	EPA 6020	Molybdenum
114.020	011	EPA 6020	Nickel
114.020	012	EPA 6020	Selenium
114.020	013	EPA 6020	Silver
114.020	014	EPA 6020	Thallium
114.020	015	EPA 6020	Vanadium
114.020	016	EPA 6020	Zinc
114.040	001	EPA 7060A	Arsenic
114.103	001	EPA 7196A	Chromium (VI)
114.108	001	EPA 7199	Chromium (VI)
114.131	001	EPA 7421	Lead
114.140	001	EPA 7470A	Mercury
114.141	001	EPA 7471A	Mercury
114.170	001	EPA 7740	Selenium
114.222	001	EPA 9014	Cyanide
114.240	001	EPA 9040B	Corrosivity - pH Determination
114.241	001	EPA 9045C	Corrosivity - pH Determination
114.250	001	EPA 9056	Fluoride
114.270	001	EPA 9214	Fluoride

**115 - Extraction Test of Hazardous Waste**

115.020	001	EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)
115.030	001	CCR Chapter 11, Article 5, Appendix II	Waste Extraction Test (WET)
115.040	001	EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)

**116 - Volatile Organic Chemistry of Hazardous Waste**

116.020	001	EPA 8015B	Acetone
116.020	002	EPA 8015B	Acetonitrile

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.

116.020	004	EPA 8015B	Acrylonitrile
116.020	006	EPA 8015B	n-Butyl Alcohol
116.020	008	EPA 8015B	1,4-Dioxane
116.020	009	EPA 8015B	Ethanol
116.020	010	EPA 8015B	Ethyl Acetate
116.020	013	EPA 8015B	Isobutyl Alcohol
116.020	014	EPA 8015B	Isopropyl Alcohol
116.020	015	EPA 8015B	Methanol
116.020	016	EPA 8015B	Methyl Ethyl Ketone
116.020	017	EPA 8015B	Methyl Isobutyl Ketone
116.020	021	EPA 8015B	Propionitrile
116.020	030	EPA 8015B	Nonhalogenated Volatiles
116.020	031	EPA 8015B	Ethanol and Methanol
116.030	001	EPA 8015B	Gasoline-range Organics
116.040	002	EPA 8021B	Benzene
116.040	039	EPA 8021B	Ethylbenzene
116.040	041	EPA 8021B	Methyl tert-butyl Ether (MTBE)
116.040	047	EPA 8021B	Toluene
116.040	056	EPA 8021B	Xylenes, Total
116.040	062	EPA 8021B	BTEX
116.080	000	EPA 8260B	Volatile Organic Compounds
116.080	001	EPA 8260B	Acetone
116.080	002	EPA 8260B	Acetonitrile
116.080	003	EPA 8260B	Acrolein
116.080	004	EPA 8260B	Acrylonitrile
116.080	005	EPA 8260B	Allyl Alcohol
116.080	006	EPA 8260B	Allyl Chloride
116.080	007	EPA 8260B	Benzene
116.080	008	EPA 8260B	Benzyl Chloride
116.080	009	EPA 8260B	Bromoacetone
116.080	010	EPA 8260B	Bromochloromethane
116.080	011	EPA 8260B	Bromodichloromethane
116.080	012	EPA 8260B	Bromoform
116.080	013	EPA 8260B	Bromomethane
116.080	014	EPA 8260B	n-Butyl Alcohol
116.080	015	EPA 8260B	Carbon Disulfide
116.080	016	EPA 8260B	Carbon Tetrachloride
116.080	017	EPA 8260B	Chloral Hydrate
116.080	018	EPA 8260B	Chlorobenzene
116.080	019	EPA 8260B	Chloroethane
116.080	020	EPA 8260B	2-Chloroethyl Vinyl Ether

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

116.080 021	EPA 8260B	Chloroform
116.080 022	EPA 8260B	Chloromethane
116.080 023	EPA 8260B	Chloroprene
116.080 024	EPA 8260B	3-Chloropropionitrile
116.080 025	EPA 8260B	Crotonaldehyde
116.080 026	EPA 8260B	Dibromochloromethane
116.080 027	EPA 8260B	Dibromochloropropane
116.080 028	EPA 8260B	1,2-Dibromoethane
116.080 029	EPA 8260B	Dibromofluoromethane
116.080 030	EPA 8260B	Dibromomethane
116.080 031	EPA 8260B	1,2-Dichlorobenzene
116.080 032	EPA 8260B	1,3-Dichlorobenzene
116.080 033	EPA 8260B	1,4-Dichlorobenzene
116.080 034	EPA 8260B	cis-1,4-Dichloro-2-butene
116.080 035	EPA 8260B	trans-1,4-Dichloro-2-butene
116.080 036	EPA 8260B	Dichlorodifluoromethane
116.080 037	EPA 8260B	1,1-Dichloroethane
116.080 038	EPA 8260B	1,2-Dichloroethane
116.080 039	EPA 8260B	1,1-Dichloroethene
116.080 040	EPA 8260B	trans-1,2-Dichloroethene
116.080 041	EPA 8260B	cis-1,2-Dichloroethene
116.080 042	EPA 8260B	1,2-Dichloropropane
116.080 043	EPA 8260B	1,3-Dichloropropane
116.080 044	EPA 8260B	2,2-Dichloropropane
116.080 045	EPA 8260B	1,1-Dichloropropene
116.080 046	EPA 8260B	cis-1,3-Dichloropropene
116.080 047	EPA 8260B	trans-1,3-Dichloropropene
116.080 048	EPA 8260B	1,3-Dichloro-2-propanol
116.080 049	EPA 8260B	1,2,3,4-Diepoxybutane
116.080 050	EPA 8260B	1,4-Dioxane
116.080 051	EPA 8260B	Epichlorohydrin
116.080 052	EPA 8260B	Ethyl Acetate
116.080 053	EPA 8260B	Ethylbenzene
116.080 054	EPA 8260B	Ethylene Oxide
116.080 055	EPA 8260B	Ethyl Methacrylate
116.080 056	EPA 8260B	Hexachlorobutadiene
116.080 057	EPA 8260B	Hexachloroethane
116.080 058	EPA 8260B	2-Hexanone (MBK)
116.080 059	EPA 8260B	Iodomethane
116.080 060	EPA 8260B	Isobutyl Alcohol
116.080 061	EPA 8260B	Malononitrile

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

116.080	062	EPA 8260B	Methacrylonitrile
116.080	063	EPA 8260B	Methanol
116.080	064	EPA 8260B	Methyl tert-butyl Ether (MTBE)
116.080	065	EPA 8260B	Methylene Chloride
116.080	066	EPA 8260B	Methyl Ethyl Ketone
116.080	067	EPA 8260B	Methyl Methacrylate
116.080	068	EPA 8260B	4-Methyl-2-pentanone (MIBK)
116.080	069	EPA 8260B	Naphthalene
116.080	070	EPA 8260B	Nitrobenzene
116.080	071	EPA 8260B	2-Nitropropane
116.080	072	EPA 8260B	N-nitrosodi-n-butylamine
116.080	073	EPA 8260B	Paraldehyde
116.080	074	EPA 8260B	Pentachloroethane
116.080	075	EPA 8260B	Pentafluorobenzene
116.080	076	EPA 8260B	2-Picoline
116.080	077	EPA 8260B	Propargyl Alcohol
116.080	078	EPA 8260B	Propionitrile
116.080	079	EPA 8260B	N-propylamine
116.080	080	EPA 8260B	Pyridine
116.080	081	EPA 8260B	1,1,1,2-Tetrachloroethane
116.080	082	EPA 8260B	1,1,2,2-Tetrachloroethane
116.080	083	EPA 8260B	Tetrachloroethene
116.080	084	EPA 8260B	Toluene
116.080	085	EPA 8260B	o-Toluidine
116.080	086	EPA 8260B	1,2,3-Trichlorobenzene
116.080	087	EPA 8260B	1,2,4-Trichlorobenzene
116.080	088	EPA 8260B	1,1,1-Trichloroethane
116.080	089	EPA 8260B	1,1,2-Trichloroethane
116.080	090	EPA 8260B	Trichloroethene
116.080	091	EPA 8260B	Trichlorofluoromethane
116.080	092	EPA 8260B	1,2,3-Trichloropropane
116.080	093	EPA 8260B	Vinyl Acetate
116.080	094	EPA 8260B	Vinyl Chloride
116.080	095	EPA 8260B	Xylenes, Total
116.080	096	EPA 8260B	tert-Amyl Methyl Ether (TAME)
116.080	097	EPA 8260B	tert-Butyl Alcohol (TBA)
116.080	098	EPA 8260B	Ethyl tert-butyl Ether (ETBE)
116.080	099	EPA 8260B	Bromobenzene
116.080	100	EPA 8260B	n-Butylbenzene
116.080	101	EPA 8260B	sec-Butylbenzene
116.080	102	EPA 8260B	tert-Butylbenzene

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

116.080	103	EPA 8260B	2-Chlorotoluene
116.080	104	EPA 8260B	4-Chlorotoluene
116.080	105	EPA 8260B	Isopropylbenzene
116.080	106	EPA 8260B	N-propylbenzene
116.080	107	EPA 8260B	Styrene
116.080	108	EPA 8260B	1,2,4-Trimethylbenzene
116.080	109	EPA 8260B	1,3,5-Trimethylbenzene
116.080	120	EPA 8260B	Oxygenates
116.100	001	LUFT GC/MS	Total Petroleum Hydrocarbons - Gasoline
116.100	002	LUFT GC/MS	Benzene
116.100	003	LUFT GC/MS	Toluene
116.100	004	LUFT GC/MS	Xylenes
116.100	005	LUFT GC/MS	Methyl tert-butyl Ether (MTBE)
116.100	010	LUFT GC/MS	BTEX and MTBE
116.110	001	LUFT	Total Petroleum Hydrocarbons - Gasoline

**117 - Semi-volatile Organic Chemistry of Hazardous Waste**

117.010	001	EPA 8015B	Diesel-range Total Petroleum Hydrocarbons
117.016	001	LUFT	Diesel-range Total Petroleum Hydrocarbons
117.017	001	EPA 418.1	TRPH Screening
117.110	001	EPA 8270C	Acenaphthene
117.110	002	EPA 8270C	Acenaphthylene
117.110	003	EPA 8270C	Acetophenone
117.110	004	EPA 8270C	2-Acetylaminofluorene
117.110	005	EPA 8270C	1-Acetyl-2-imidurea
117.110	006	EPA 8270C	4-Aminobiphenyl
117.110	007	EPA 8270C	Aniline
117.110	008	EPA 8270C	Anthracene
117.110	009	EPA 8270C	Aramite
117.110	010	EPA 8270C	Benzidine
117.110	011	EPA 8270C	Benz(a)anthracene
117.110	012	EPA 8270C	Benzo(b)fluoranthene
117.110	013	EPA 8270C	Benzo(k)fluoranthene
117.110	014	EPA 8270C	Benzo(g,h,i)perylene
117.110	015	EPA 8270C	Benzo(a)pyrene
117.110	016	EPA 8270C	Benzole Acid
117.110	017	EPA 8270C	p-Benzoquinone
117.110	018	EPA 8270C	Benzyl Alcohol
117.110	019	EPA 8270C	Benzyl Butyl Phthalate
117.110	020	EPA 8270C	Bis(2-chloroethoxy)methane
117.110	021	EPA 8270C	Bis(2-chloroethyl) Ether
117.110	022	EPA 8270C	Bis(2-chloroisopropyl) Ether

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

117.110 023	EPA 8270C	Di(2-ethylhexyl) Phthalate
117.110 024	EPA 8270C	4-Bromophenyl Phenyl Ether
117.110 025	EPA 8270C	Carbazole
117.110 026	EPA 8270C	4-Chloroaniline
117.110 027	EPA 8270C	4-Chloro-3-methylphenol
117.110 028	EPA 8270C	1-Chloronaphthalene
117.110 029	EPA 8270C	2-Chloronaphthalene
117.110 030	EPA 8270C	2-Chlorophenol
117.110 031	EPA 8270C	4-Chlorophenyl Phenyl Ether
117.110 032	EPA 8270C	Chrysene
117.110 033	EPA 8270C	2-Cyclohexyl-4,6-dinitrophenol
117.110 034	EPA 8270C	2,4-Diaminotoluene
117.110 035	EPA 8270C	Dibenz(a,j)acridine
117.110 036	EPA 8270C	Dibenz(a,h)anthracene
117.110 037	EPA 8270C	Dibenzofuran
117.110 038	EPA 8270C	Dibenzo(a,e)pyrene
117.110 039	EPA 8270C	1,2-Dichlorobenzene
117.110 040	EPA 8270C	1,3-Dichlorobenzene
117.110 041	EPA 8270C	1,4-Dichlorobenzene
117.110 042	EPA 8270C	3,3'-Dichlorobenzidine
117.110 043	EPA 8270C	2,4-Dichlorophenol
117.110 044	EPA 8270C	2,6-Dichlorophenol
117.110 045	EPA 8270C	Diethyl Phthalate
117.110 046	EPA 8270C	Diethylstilbestrol
117.110 047	EPA 8270C	Diethyl Sulfate
117.110 048	EPA 8270C	Dihydroxatrole
117.110 049	EPA 8270C	3,3'-Dimethoxybenzidine
117.110 050	EPA 8270C	p-Dimethylaminoazobenzene
117.110 051	EPA 8270C	7,12-Dimethylbenz(a)anthracene
117.110 052	EPA 8270C	a,a-Dimethylphenethylamine
117.110 053	EPA 8270C	2,4-Dimethylphenol
117.110 054	EPA 8270C	Dimethyl Phthalate
117.110 055	EPA 8270C	Di-n-butyl phthalate
117.110 056	EPA 8270C	Di-n-octyl phthalate
117.110 057	EPA 8270C	1,2-Dinitrobenzene
117.110 058	EPA 8270C	1,3-Dinitrobenzene
117.110 059	EPA 8270C	1,4-Dinitrobenzene
117.110 060	EPA 8270C	2,4-Dinitrophenol
117.110 061	EPA 8270C	2,4-Dinitrotoluene
117.110 062	EPA 8270C	2,6-Dinitrotoluene
117.110 063	EPA 8270C	Diphenylamine



117.110	064	EPA 8270C	1,2-Diphenylhydrazine
117.110	065	EPA 8270C	Ethyl Carbamate
117.110	066	EPA 8270C	Ethyl Methanesulfonate
117.110	067	EPA 8270C	Fluoranthene
117.110	068	EPA 8270C	Fluorene
117.110	069	EPA 8270C	Hexachlorobenzene
117.110	070	EPA 8270C	Hexachlorobutadiene
117.110	071	EPA 8270C	Hexachlorocyclopentadiene
117.110	072	EPA 8270C	Hexachloroethane
117.110	073	EPA 8270C	Hexachlorophene
117.110	074	EPA 8270C	Hexachloropropene
117.110	075	EPA 8270C	Indeno(1,2,3-c,d)pyrene
117.110	076	EPA 8270C	Isophorone
117.110	077	EPA 8270C	Isosafrole
117.110	078	EPA 8270C	Maleic Anhydride
117.110	079	EPA 8270C	3-Methylcholanthrene
117.110	080	EPA 8270C	2-Methyl-4,6-dinitrophenol
117.110	081	EPA 8270C	4,4'-Methylenebis(2-chloroaniline)
117.110	082	EPA 8270C	Methyl Methanesulfonate
117.110	083	EPA 8270C	2-Methylnaphthalene
117.110	084	EPA 8270C	2-Methylphenol
117.110	085	EPA 8270C	3-Methylphenol
117.110	086	EPA 8270C	4-Methylphenol
117.110	087	EPA 8270C	Naphthalene
117.110	088	EPA 8270C	1,4-Naphthoquinone
117.110	089	EPA 8270C	1-Naphthylamine
117.110	090	EPA 8270C	2-Naphthylamine
117.110	091	EPA 8270C	Nicotine
117.110	092	EPA 8270C	2-Nitroaniline
117.110	093	EPA 8270C	3-Nitroaniline
117.110	094	EPA 8270C	4-Nitroaniline
117.110	095	EPA 8270C	Nitrobenzene
117.110	096	EPA 8270C	2-Nitrophenol
117.110	097	EPA 8270C	4-Nitrophenol
117.110	098	EPA 8270C	N-nitrosodl-n-butylamine
117.110	099	EPA 8270C	N-nitrosodl-ethylamine
117.110	100	EPA 8270C	N-nitrosodimethylamine
117.110	101	EPA 8270C	N-nitrosodl-n-propylamine
117.110	102	EPA 8270C	N-nitrosodiphenylamine
117.110	103	EPA 8270C	N-nitrosomethylethylamine
117.110	104	EPA 8270C	N-nitrosomorpholine

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

117.110	105	EPA 8270C	N-nitrosopiperidine
117.110	106	EPA 8270C	N-nitrosopyrrolidine
117.110	107	EPA 8270C	5-Nitro-o-toluidine
117.110	108	EPA 8270C	Pentachlorobenzene
117.110	109	EPA 8270C	Pentachloronitrobenzene
117.110	110	EPA 8270C	Pentachlorophenol
117.110	111	EPA 8270C	Phenacetin
117.110	112	EPA 8270C	Phenanthrene
117.110	113	EPA 8270C	Phenol
117.110	114	EPA 8270C	1,4-Phenylenediamine
117.110	115	EPA 8270C	Phthalic Anhydride
117.110	116	EPA 8270C	2-Picoline
117.110	117	EPA 8270C	Pronamide
117.110	118	EPA 8270C	Propylthiouracil
117.110	119	EPA 8270C	Pyrene
117.110	120	EPA 8270C	Pyridine
117.110	121	EPA 8270C	Resorcinol
117.110	122	EPA 8270C	Safrole
117.110	123	EPA 8270C	Strychnine
117.110	124	EPA 8270C	1,2,4,5-Tetrachlorobenzene
117.110	125	EPA 8270C	2,3,4,6-Tetrachlorophenol
117.110	126	EPA 8270C	Thiophenol
117.110	127	EPA 8270C	Toluene Diisocyanate
117.110	128	EPA 8270C	o-Toluidine
117.110	129	EPA 8270C	1,2,4-Trichlorobenzene
117.110	130	EPA 8270C	2,4,5-Trichlorophenol
117.110	131	EPA 8270C	2,4,6-Trichlorophenol
117.140	000	EPA 8310	Polynuclear Aromatic Hydrocarbons
117.140	001	EPA 8310	Acenaphthene
117.140	002	EPA 8310	Acenaphthylene
117.140	003	EPA 8310	Anthracene
117.140	004	EPA 8310	Benz(a)anthracene
117.140	005	EPA 8310	Benzo(a)pyrene
117.140	006	EPA 8310	Benzo(b)fluoranthene
117.140	007	EPA 8310	Benzo(k)fluoranthene
117.140	008	EPA 8310	Benzo(g,h,i)perylene
117.140	009	EPA 8310	Chrysene
117.140	010	EPA 8310	Dibenz(a,h)anthracene
117.140	011	EPA 8310	Fluoranthene
117.140	012	EPA 8310	Fluorene
117.140	013	EPA 8310	Indeno(1,2,3-c,d)pyrene

117.140 014	EPA 8310	Naphthalene
117.140 015	EPA 8310	Phenanthrene
117.140 016	EPA 8310	Pyrene
117.170 000	EPA 8330	Nitroaromatics and Nitramines
117.170 001	EPA 8330	4-Amino-2,6-dinitrotoluene
117.170 002	EPA 8330	2-Amino-4,6-dinitrotoluene
117.170 003	EPA 8330	1,3-Dinitrobenzene
117.170 004	EPA 8330	2,4-Dinitrotoluene
117.170 005	EPA 8330	2,6-Dinitrotoluene
117.170 006	EPA 8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)
117.170 007	EPA 8330	Methyl-2,4,6-trinitrophenylamine
117.170 008	EPA 8330	Nitrobenzene
117.170 009	EPA 8330	2-Nitrotoluene
117.170 010	EPA 8330	3-Nitrotoluene
117.170 011	EPA 8330	4-Nitrotoluene
117.170 012	EPA 8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
117.170 013	EPA 8330	1,3,5-Trinitrobenzene
117.170 014	EPA 8330	2,4,6-Trinitrotoluene
117.210 000	EPA 8081A	Organochlorine Pesticides
117.210 001	EPA 8081A	Aldrin
117.210 002	EPA 8081A	a-BHC
117.210 003	EPA 8081A	b-BHC
117.210 004	EPA 8081A	d-BHC
117.210 005	EPA 8081A	g-BHC (Lindane)
117.210 007	EPA 8081A	a-Chlordane
117.210 008	EPA 8081A	g-Chlordane
117.210 009	EPA 8081A	Chlordane (tech.)
117.210 011	EPA 8081A	Chloroneb
117.210 013	EPA 8081A	4,4'-DDD
117.210 014	EPA 8081A	4,4'-DDE
117.210 015	EPA 8081A	4,4'-DDT
117.210 020	EPA 8081A	Dieldrin
117.210 021	EPA 8081A	Endosulfan I
117.210 022	EPA 8081A	Endosulfan II
117.210 023	EPA 8081A	Endosulfan Sulfate
117.210 024	EPA 8081A	Endrin
117.210 025	EPA 8081A	Endrin Aldehyde
117.210 026	EPA 8081A	Endrin Ketone
117.210 027	EPA 8081A	Heptachlor
117.210 028	EPA 8081A	Heptachlor Epoxide
117.210 029	EPA 8081A	Hexachlorobenzene

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.

Certificate No: 03220CA  
 Renew Date: 09/30/2007

117.210	032	EPA 8081A	Kepona
117.210	033	EPA 8081A	Methoxychlor
117.210	039	EPA 8081A	Toxaphene
117.210	040	EPA 8081A	Trifluralin
117.220	000	EPA 8082	PCBs
117.220	001	EPA 8082	PCB-1016
117.220	002	EPA 8082	PCB-1221
117.220	003	EPA 8082	PCB-1232
117.220	004	EPA 8082	PCB-1242
117.220	005	EPA 8082	PCB-1248
117.220	006	EPA 8082	PCB-1254
117.220	007	EPA 8082	PCB-1260
117.240	000	EPA 8141A	Organophosphorus Pesticides
117.240	001	EPA 8141A	Atrazine
117.240	002	EPA 8141A	Azinphos Methyl
117.240	005	EPA 8141A	Chlorpyrifos
117.240	007	EPA 8141A	Demeton-O
117.240	008	EPA 8141A	Demeton-S
117.240	009	EPA 8141A	Diazinon
117.240	014	EPA 8141A	Famphur
117.240	015	EPA 8141A	Malathion
117.240	016	EPA 8141A	Mevinphos
117.240	017	EPA 8141A	Naled
117.240	018	EPA 8141A	Parathion Ethyl
117.240	019	EPA 8141A	Parathion Methyl
117.240	020	EPA 8141A	Phorate
117.240	022	EPA 8141A	Ronnel
117.240	023	EPA 8141A	Simazine
117.240	024	EPA 8141A	Sulfotepp
117.250	000	EPA 8151A	Chlorinated Herbicides
117.250	001	EPA 8151A	2,4-D
117.250	002	EPA 8151A	2,4-DB
117.250	003	EPA 8151A	2,4,5-T
117.250	004	EPA 8151A	2,4,5-TP
117.250	006	EPA 8151A	Dalapon
117.250	007	EPA 8151A	Dichlorprop
117.250	008	EPA 8151A	Dincseb
117.250	009	EPA 8151A	MCPA
117.250	010	EPA 8151A	MCPP
117.250	014	EPA 8151A	Dicamba

As of 01/04/2007, this list supersedes all previous lists for this certificate number.  
 Customers: Please verify the current accreditation standing with the State.



STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**ENVIRONMENTAL LABORATORY CERTIFICATION**

Is hereby granted to

**SIERRA ANALYTICAL LABORATORIES, INC.**

26052 MERIT CIRCLE, SUITE 105  
LAGUNA HILLS, CA 92653

Scope of certification is limited to the  
"Accredited Fields of Testing"  
which accompanies this Certificate.

Continued certification status depends on successful completion of site visit,  
proficiency testing studies, and payment of applicable fees.

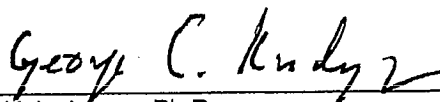
This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

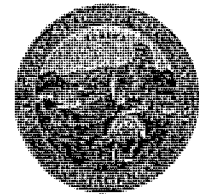
Certificate No.: **2320**

Expiration Date: **09/30/2008**

Effective Date: **09/01/2006**

Richmond, California  
subject to forfeiture or revocation

  
\_\_\_\_\_  
George C. Kulasingam, Ph.D.  
Program Chief  
Environmental Laboratory Accreditation Program



Arnold Schwarzenegger  
Governor



Sandra Shewry  
Director

September 25, 2006

Certificate No.: 2320

RICHARD K. FORSYTH  
SIERRA ANALYTICAL LABORATORIES, INC.  
26052 MERIT CIRCLE, SUITE 105  
LAGUNA HILLS, CA 92653

Dear RICHARD K. FORSYTH:

This is to advise you that the laboratory named above continues to be certified as an environmental testing laboratory pursuant to the provisions of the California Environmental Laboratory Improvement Act (Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq.). Certification for all currently certified Fields of Testing that the laboratory has applied for renewal shall remain in effect until **09/30/2008** unless revoked.

**Please note that the renewal application for certification is subject to an on-site visit, and continued use of the certificate is contingent upon:**

- \* **successful completion of the site visit;**
- \* **acceptable performance in the required performance evaluation (PE) studies;**
- \* **timely payment of all fees, including an annual fee due before September 30, 2007;**
- \* **compliance with Environmental Laboratory Accreditation Program (ELAP) statutes (HSC, Section 100825, et seq.) and Regulations (California Code of Regulations (CCR), Title 22, Division 4, Chapter 19).**

An updated "Approved Fields of Testing" will be issued to the laboratory upon completion of the renewal process. The application for the next renewal must be received 90 days before the expiration of this certificate to remain in force according to the CCR, Section 64801 through 64827.

Please note that the laboratory is required to notify ELAP of any major changes in the laboratory such as the transfer of ownership, change of laboratory director, change in location, or structural alterations which may affect adversely the quality of analyses (HSC, Section 100845(b)(d)). Please include the above certificate number in all your correspondence to ELAP.

If you have any questions, please contact ELAP at (510) 620-3155.

Sincerely,

A handwritten signature in black ink that reads "George C. Kulasingam".

George C. Kulasingam, Ph.D.

Program Chief  
Environmental Laboratory Accreditation Program

**CALIFORNIA DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Accredited Fields of Testing**

SIERRA ANALYTICAL LABORATORIES, INC.

Lab Phone (949) 348-9389

26052 MERIT CIRCLE, SUITE 105  
LAGUNA HILLS, CA 92653

Certificate No: 2320      Renew Date: 09/30/2006

**Field of Testing: 101 - Microbiology of Drinking Water**

101.020 001	Total Coliform	SM9221A,B
101.021 001	Fecal Coliform	SM9221E (MTF/EC)
101.022 001	E. coli	CFR 141.21(f)(6)(i) (MTF/EC+MUG)
101.050 001	Total Coliform	SM9222A,B,C
101.052 001	E. coli	CFR 141.21(f)(6)(i) (MF/EC+MUG)
101.053 001	E. coli	CFR 141.21(f)(6)(ii)
101.060 002	Total Coliform	SM9223
101.060 003	E. coli	SM9223
101.120 001	Total Coliform (Enumeration)	SM9221A,B,C
101.130 001	Fecal Coliform (Enumeration)	SM9221E (MTF/EC)
101.140 001	Total Coliform (Enumeration)	SM9222A,B,C
101.150 001	Fecal Coliform (Enumeration)	SM9222D
101.160 001	Total Coliform (Enumeration)	SM9223

**Field of Testing: 102 - Inorganic Chemistry of Drinking Water**

102.030 003	Chloride	EPA 300.0
102.030 005	Fluoride	EPA 300.0
102.030 006	Nitrate	EPA 300.0
102.030 007	Nitrite	EPA 300.0
102.030 008	Phosphate, Ortho	EPA 300.0
102.030 010	Sulfate	EPA 300.0
102.045 001	Perchlorate	EPA 314.0
102.070 001	Phosphate, Ortho	EPA 365.1
102.090 001	Total Organic Carbon	EPA 415.1
102.100 001	Alkalinity	SM2320B
102.120 001	Hardness	SM2340B
102.121 001	Hardness	SM2340C
102.130 001	Conductivity	SM2510B
102.140 001	Total Dissolved Solids	SM2540C
102.145 001	Total Dissolved Solids	EPA 160.1
102.170 001	Chloride	SM4500-Cl- B
102.190 001	Cyanide, Total	SM4500-CN E
102.192 001	Cyanide, amenable	SM4500-CN G
102.201 001	Fluoride	SM4500-F D
102.220 001	Nitrite	SM4500-NO2 B
102.230 001	Nitrate	SM4500-NO3 D
102.240 001	Phosphate, Ortho	SM4500-P E
102.250 001	Sulfate	SM4500-SO4 C,D
102.260 001	Total Organic Carbon	SM5310B
102.261 001	DOC	SM5310B
102.270 001	Surfactants	SM5540C
102.280 001	UV254	SM5910B
102.510 001	Calcium	SM3120B
102.510 002	Magnesium	SM3120B
102.510 003	Potassium	SM3120B

102.510	004	Silica	SM3120B
102.510	005	Sodium	SM3120B
102.510	006	Hardness (calc.)	SM3120B
102.520	001	Calcium	EPA 200.7
102.520	002	Magnesium	EPA 200.7
102.520	003	Potassium	EPA 200.7
102.520	004	Silica	EPA 200.7
102.520	005	Sodium	EPA 200.7
102.520	006	Hardness (calc.)	EPA 200.7
102.534	001	Silica	SM4500-SI E

**Field of Testing: 103 - Toxic Chemical Elements of Drinking Water**

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6

**Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water**

104.010	000	Volatile Organic Compounds	EPA 502.2
104.010	001	Benzene	EPA 502.2
104.010	010	Carbon Tetrachloride	EPA 502.2
104.010	011	Chlorobenzene	EPA 502.2
104.010	019	1,3-Dichlorobenzene	EPA 502.2
104.010	020	1,2-Dichlorobenzene	EPA 502.2
104.010	021	1,4-Dichlorobenzene	EPA 502.2
104.010	022	Dichlorodifluoromethane	EPA 502.2
104.010	023	1,1-Dichloroethane	EPA 502.2
104.010	024	1,2-Dichloroethane	EPA 502.2
104.010	025	1,1-Dichloroethene	EPA 502.2
104.010	026	cis-1,2-Dichloroethene	EPA 502.2



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104.010 027	trans-1,2-Dichloroethene	EPA 502.2
104.010 028	Dichloromethane	EPA 502.2
104.010 029	1,2-Dichloropropane	EPA 502.2
104.010 033	cis-1,3-Dichloropropene	EPA 502.2
104.010 034	trans-1,3-Dichloropropene	EPA 502.2
104.010 035	Ethylbenzene	EPA 502.2
104.010 041	Styrene	EPA 502.2
104.010 043	1,1,2,2-Tetrachloroethane	EPA 502.2
104.010 044	Tetrachloroethene	EPA 502.2
104.010 045	Toluene	EPA 502.2
104.010 047	1,2,4-Trichlorobenzene	EPA 502.2
104.010 048	1,1,1-Trichloroethane	EPA 502.2
104.010 049	1,1,2-Trichloroethane	EPA 502.2
104.010 050	Trichloroethene	EPA 502.2
104.010 051	Trichlorofluoromethane	EPA 502.2
104.010 055	Vinyl Chloride	EPA 502.2
104.010 056	Xylenes, Total	EPA 502.2
104.015 001	Bromodichloromethane	EPA 502.2
104.015 002	Bromoform	EPA 502.2
104.015 003	Chloroform	EPA 502.2
104.015 004	Dibromochloromethane	EPA 502.2
104.015 005	Trihalomethanes	EPA 502.2
104.020 002	Methyl tert-butyl Ether (MTBE)	EPA 502.2
104.020 006	Trichlorotrifluoroethane	EPA 502.2
104.030 001	1,2-Dibromoethane	EPA 504.1
104.030 002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.035 001	1,2,3-Trichloropropane	SRL 524M-TCP
104.040 000	Volatile Organic Compounds	EPA 524.2
104.040 001	Benzene	EPA 524.2
104.040 007	n-Butylbenzene	EPA 524.2
104.040 008	sec-Butylbenzene	EPA 524.2
104.040 009	tert-Butylbenzene	EPA 524.2
104.040 010	Carbon Tetrachloride	EPA 524.2
104.040 011	Chlorobenzene	EPA 524.2
104.040 015	2-Chlorotoluene	EPA 524.2
104.040 016	4-Chlorotoluene	EPA 524.2
104.040 019	1,3-Dichlorobenzene	EPA 524.2
104.040 020	1,2-Dichlorobenzene	EPA 524.2
104.040 021	1,4-Dichlorobenzene	EPA 524.2
104.040 022	Dichlorodifluoromethane	EPA 524.2
104.040 023	1,1-Dichloroethane	EPA 524.2
104.040 024	1,2-Dichloroethane	EPA 524.2
104.040 025	1,1-Dichloroethene	EPA 524.2
104.040 026	cis-1,2-Dichloroethene	EPA 524.2
104.040 027	trans-1,2-Dichloroethene	EPA 524.2
104.040 028	Dichloromethane	EPA 524.2
104.040 029	1,2-Dichloropropane	EPA 524.2
104.040 033	cis-1,3-Dichloropropene	EPA 524.2
104.040 034	trans-1,3-Dichloropropene	EPA 524.2
104.040 035	Ethylbenzene	EPA 524.2
104.040 037	Isopropylbenzene	EPA 524.2
104.040 039	Naphthalene	EPA 524.2
104.040 041	N-propylbenzene	EPA 524.2
104.040 042	Styrene	EPA 524.2

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104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	005	Trihalomethanes	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	004	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	005	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	006	Trichlorotrifluoroethane	EPA 524.2
104.050	007	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	008	Carbon Disulfide	EPA 524.2
104.050	009	Methyl Isobutyl Ketone	EPA 524.2

## Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.010	000	Pesticides	EPA 505
105.010	002	Alachlor	EPA 505
105.010	003	Atrazine	EPA 505
105.010	004	Chlordane	EPA 505
105.010	006	Endrin	EPA 505
105.010	007	Heptachlor	EPA 505
105.010	008	Heptachlor Epoxide	EPA 505
105.010	009	Hexachlorobenzene	EPA 505
105.010	010	Hexachlorocyclopentadiene	EPA 505
105.010	011	Lindane	EPA 505
105.010	012	Methoxychlor	EPA 505
105.010	013	Simazine	EPA 505
105.010	014	Toxaphene	EPA 505
105.010	015	PCBs as Aroclors (screen)	EPA 505
105.050	001	Alachlor	EPA 508.1
105.050	003	Atrazine	EPA 508.1
105.050	005	Chlordane (total)	EPA 508.1
105.050	010	Endrin	EPA 508.1
105.050	011	Heptachlor	EPA 508.1
105.050	012	Heptachlor Epoxide	EPA 508.1
105.050	013	Hexachlorobenzene	EPA 508.1
105.050	014	Hexachlorocyclopentadiene	EPA 508.1
105.050	015	Lindane	EPA 508.1
105.050	016	Methoxychlor	EPA 508.1
105.050	020	Simazine	EPA 508.1
105.050	028	PCBs as Aroclors	EPA 508.1
105.050	029	Toxaphene	EPA 508.1
105.050	030	Chlorinated Pesticides	EPA 508.1
105.050	031	Herbicides	EPA 508.1

105.050	032	Organohalides	EPA 508.1
105.080	001	2,4-D	EPA 515.2
105.080	003	Dinoseb	EPA 515.2
105.080	004	Pentachlorophenol	EPA 515.2
105.080	005	Picloram	EPA 515.2
105.080	006	2,4,5-TP	EPA 515.2
105.080	007	Bentazon	EPA 515.2
105.080	008	Chlorinated Acids	EPA 515.2
105.180	001	Bromoacetic Acid	EPA 552.1
105.180	003	Chloroacetic Acid	EPA 552.1
105.180	005	Dibromoacetic Acid	EPA 552.1
105.180	006	Dichloroacetic Acid	EPA 552.1
105.180	007	Trichloroacetic Acid	EPA 552.1
105.180	008	Haloacetic Acids (HAA5)	EPA 552.1
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2

**Field of Testing: 107 - Microbiology of Wastewater**

107.010	001	Heterotrophic Bacteria	SM9215B
107.020	001	Total Coliform	SM9221B
107.040	001	Fecal Coliform	SM9221C,E (MTF/EC)
107.060	001	Total Coliform	SM9222B
107.080	001	Fecal Coliform	SM9222D
107.100	001	Fecal Streptococci	SM9230B
107.100	002	Enterococci	SM9230B
107.111	001	Fecal Streptococci	SM9230C (MF/m-Enterococcus)
107.111	002	Enterococci	SM9230C (MF/m-Enterococcus)

**Field of Testing: 108 - Inorganic Chemistry of Wastewater**

108.020	001	Conductivity	EPA 120.1
108.030	001	Hardness	EPA 130.1
108.040	001	Hardness	EPA 130.2
108.050	001	pH	EPA 150.1
108.060	001	Residue, Filterable	EPA 160.1
108.070	001	Residue, Non-filterable	EPA 160.2
108.080	001	Residue, Total	EPA 160.3
108.090	001	Residue, Volatile	EPA 160.4
108.100	001	Residue, Settleable	EPA 160.5
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calc.)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	004	Nitrate	EPA 300.0
108.120	005	Nitrite	EPA 300.0
108.120	006	Nitrate-nitrite, Total	EPA 300.0

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108.120 007	Phosphate, Ortho	EPA 300.0
108.120 008	Sulfate	EPA 300.0
108.130 001	Acidity	EPA 305.1
108.140 001	Alkalinity	EPA 310.1
108.162 001	Chloride	EPA 325.3
108.173 001	Chlorine Residual, Total	EPA 330.4
108.174 001	Chlorine Residual, Total	EPA 330.5
108.180 001	Cyanide, amenable	EPA 335.1
108.181 001	Cyanide, Total	EPA 335.2
108.190 001	Fluoride	EPA 340.1
108.201 001	Ammonia	EPA 350.2
108.212 001	Kjeldahl Nitrogen	EPA 351.3
108.234 001	Nitrate-nitrite, Total	EPA 353.3
108.240 001	Nitrite	EPA 354.1
108.250 001	Dissolved Oxygen	EPA 360.1
108.251 001	Dissolved Oxygen	EPA 360.2
108.262 001	Phosphate, Ortho	EPA 365.2
108.263 001	Phosphorus, Total	EPA 365.2
108.282 001	Sulfate	EPA 375.4
108.291 001	Sulfide	EPA 376.2
108.310 001	Biochemical Oxygen Demand	EPA 405.1
108.320 001	Chemical Oxygen Demand	EPA 410.1
108.323 001	Chemical Oxygen Demand	EPA 410.4
108.330 001	Oil and Grease	EPA 413.1
108.340 001	Total Organic Carbon	EPA 415.1
108.350 001	Total Recoverable Petroleum Hydrocarbons	EPA 418.1
108.360 001	Phenols, Total	EPA 420.1
108.370 001	Surfactants	EPA 425.1
108.380 001	Oil and Grease	EPA 1664
108.390 001	Turbidity	SM2130B
108.400 001	Acidity	SM2310B
108.410 001	Alkalinity	SM2320B
108.420 001	Hardness (calc.)	SM2340B
108.421 001	Hardness	SM2340C
108.430 001	Conductivity	SM2510B
108.440 001	Residue, Total	SM2540B
108.441 001	Residue, Filterable	SM2540C
108.442 001	Residue, Non-filterable	SM2540D
108.443 001	Residue, Settleable	SM2540F
108.450 001	Chloride	SM4500-CI- B
108.464 001	Chlorine	SM4500-CI F
108.465 001	Chlorine	SM4500-CI G
108.470 001	Cyanide, Manual Distillation	SM4500-CN C
108.472 001	Cyanide, Total	SM4500-CN E
108.473 001	Cyanide, amenable	SM4500-CN G
108.481 001	Fluoride	SM4500-F D
108.490 001	pH	SM4500-H+ B
108.500 001	Ammonia	SM4500-NH3 C
108.510 001	Nitrite	SM4500-NO2 B
108.520 001	Nitrate-nitrite, Total	SM4500-NO3 E
108.530 001	Dissolved Oxygen	SM4500-O C
108.531 001	Dissolved Oxygen	SM4500-O G
108.540 001	Phosphate, Ortho	SM4500-P E
108.590 001	Biochemical Oxygen Demand	SM5210B

108.591	001	Carbonaceous BOD	SM5210B
108.602	001	Chemical Oxygen Demand	SM5220D
108.610	001	Total Organic Carbon	SM5310B
108.630	001	Oil and Grease	SM5520B
108.640	001	Surfactants	SM5540C
108.660	001	Chemical Oxygen Demand	HACH8000
108.670	001	Nitrite	HACH8507
108.672	001	Phosphate, Ortho	HACH8048
108.675	001	Phosphorus, Total	HACH8190

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**Field of Testing: 109 - Toxic Chemical Elements of Wastewater**


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109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.101	001	Chromium	EPA 218.2
109.190	001	Mercury	EPA 245.1

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**Field of Testing: 110 - Volatile Organic Chemistry of Wastewater**


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110.010	000	Halogenated Volatiles	EPA 601
110.020	000	Aromatic Volatiles	EPA 602

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110.040	040	Halogenated Hydrocarbons	EPA 624
110.040	041	Aromatic Compounds	EPA 624
110.040	042	Oxygenates	EPA 624
110.040	043	Other Volatile Organics	EPA 624

**Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater**

111.101	032	Polynuclear Aromatic Hydrocarbons	EPA 625
111.101	033	Adipates	EPA 625
111.101	034	Phthalates	EPA 625
111.101	036	Other Extractables	EPA 625
111.170	030	Organochlorine Pesticides	EPA 608
111.170	031	PCBs	EPA 608

**Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste**

114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.106	001	Chromium (VI)	EPA 7199
114.140	001	Mercury	EPA 7470A
114.141	001	Mercury	EPA 7471A
114.240	001	pH	EPA 9040
114.241	001	pH	EPA 9045
114.250	001	Fluoride	EPA 9056
114.260	001	Cyanide	EPA 9213
114.280	001	Organic Lead	HML 939-M

**Field of Testing: 115 - Extraction Test of Hazardous Waste**

115.010	001	Extraction Procedure Toxicity (EPTox)	EPA 1310A
115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.030	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312

**Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste**

116.020	031	Ethanol and Methanol	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.040	041	Methyl tert-butyl Ether (MTBE)	EPA 8021B
116.040	060	Halogenated Volatiles	EPA 8021B
116.040	061	Aromatic Volatiles	EPA 8021B
116.040	062	BTEX	EPA 8021B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	120	Oxygenates	EPA 8260B
116.100	001	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS
116.100	010	BTEX and MTBE	LUFT GC/MS
116.110	001	Total Petroleum Hydrocarbons - Gasoline	LUFT

**Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste**

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.016	001	Diesel-range Total Petroleum Hydrocarbons	LUFT
117.017	001	TRPH Screening	EPA 418.1
117.110	000	Extractable Organics	EPA 8270C
117.111	071	Pesticides	EPA 8270C
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310
117.210	000	Organochlorine Pesticides	EPA 8081A
117.220	000	PCBs	EPA 8082
117.250	000	Chlorinated Herbicides	EPA 8151A

**Field of Testing: 120 - Physical Properties of Hazardous Waste**

120.010	001	Ignitability	EPA 1010
120.040	001	Reactive Cyanide	Section 7.3 SW-846
120.050	001	Reactive Sulfide	Section 7.3 SW-846
120.070	001	Corrosivity - pH Determination	EPA 9040B
120.080	001	Corrosivity - pH Determination	EPA 9045C

**Field of Testing: 126 - Microbiology of Recreational Water**

126.010	001	Total Coliform (Enumeration)	SM9221A,B,C
126.020	001	Total Coliform (Enumeration)	SM9222A,B
126.030	001	Fecal Coliform (Enumeration)	SM9221E
126.040	001	Fecal Coliform (Enumeration)	SM9222D
126.050	001	Total Coliform and E. coli	SM9223
126.060	001	Enterococci	SM9230C
126.080	001	Enterococci	IDEXX

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

STATE OF CALIFORNIA  
EPA REGION 9  
SAN FRANCISCO DISTRICT OFFICE  
1500 MARKET STREET, 15TH FLOOR  
SAN FRANCISCO, CA 94102

PERMIT NUMBER	DISCHARGE NUMBER	
MONITORING PERIOD		
YEAR	MO.	DAY
TO	MO.	DAY

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
NAME EL SEGUNDO POWER, L.L.C.  
ADDRESS EL SEGUNDO GENERATING STATION  
1501 VIGOR DRIVE, 1500  
EL SEGUNDO, CA 90245  
FACILITY EL SEGUNDO GENERATING STATION  
LOCATION EL SEGUNDO  
ATTN: GLEN ALLEN

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE WATER									
DEC. FARMINGHAM					Nov. 9	DAILY MAX	0	3/31	CONT
TEMPERATURE WATER									
DEC. FARMINGHAM					Nov. 9	DAILY MAX	0	3/31	CONT
TEMPERATURE WATER									
DEC. FARMINGHAM					7.05PF	DAILY MAX	0	3/31	CONT
TEMPERATURE WATER									
DEC. FARMINGHAM					8.1027C	DAILY MAX	0	5/31	GRAB
TEMPERATURE WATER									
DEC. FARMINGHAM	5178				MAXIMUM		0	3/31	CONT
TEMPERATURE WATER									
DEC. FARMINGHAM					Nov. 9	DAILY MAX	0	3/31	GRAB
TEMPERATURE WATER									
DEC. FARMINGHAM					Nov. 9	DAILY MAX	0	3/31	GRAB
TEMPERATURE WATER									
DEC. FARMINGHAM									
TEMPERATURE WATER									
DEC. FARMINGHAM									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	ROY E. CRAFT	TELEPHONE	
REGULATORY PLANTS MANAGER		310 615 6342	
TYPED OR PRINTED		AREA CODE	NUMBER
		YEAR	MO
		DATE	DAY

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
*[Signature]*  
EL SEGUNDO POWER, LLC  
by: NRG El Segundo Operations Inc.  
Its Authorized Agent

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME EL SEGUNDO POWER PLANT  
ADDRESS EL SEGUNDO OPERATIONS DIVISION  
EL SEGUNDO, CA 90703  
FACILITY EL SEGUNDO GENERATING STATION  
LOCATION 21 SERRANO ST, EL SEGUNDO, CA 90703  
ATTN: ALAN CROFT

PERMIT NUMBER	DISCHARGE NUMBER
---------------	------------------

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY

FROM

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE WET DEG. FAHRENHEIT					N0019	DAILY MK	0	3/31	CONT
TEMPERATURE WET DEG. FAHRENHEIT					N0019	DAILY MK	0	3/31	CONT
TEMPERATURE WET DEG. FAHRENHEIT					75.3°F	DAILY MK	0	3/31	CONT
TEMPERATURE WET DEG. FAHRENHEIT					8.1 @ 21%	DAILY MK	0	3/31	GRAB
EFFLUENT SODIUM CHLORIDE MG/L						MAXIMUM	0	3/31	CONT
FLOW IN TREATMENT PLANT MGD	Ø	394.4					0	3/31	CONT
EFFLUENT TREATMENT PLANT TSS/LP					0.06		0	3/31	GRAB
EFFLUENT AVAILABLE MGD					0.03		0	3/31	GRAB
EFFLUENT AVAILABLE MGD							0	3/31	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
ROY Z. CRAFT  
REGIONAL PLANTS MANAGER

TELEPHONE  
310 615 6342

DATE  
07 02 28

TYPED OR PRINTED  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE NUMBER DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EL SEGUNDO POWER, LLC  
by: NRG El Segundo Operations Inc.  
Its Authorized Agent

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
E1 SEGUNDO POWER, L.L.C.  
101 VINTAGE DELL RD.  
EL SEGUNDO, CALIFORNIA 91030  
ATTN: ALEC JOHNSON

CA 4015237  
DISCHARGE NUMBER

PERMIT NUMBER

MONITORING PERIOD  
FROM YEAR MO DAY TO YEAR MO DAY

EL SEGUNDO GENERATING STATION  
EL SEGUNDO, CALIFORNIA  
EL SEGUNDO SEWAGE TREATMENT PLANT  
EL SEGUNDO, CALIFORNIA

NOTE: Read instructions before completing this form.

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE			
PH						0	2 1/3 MONTH	6000
ALUMINUM						0	2 1/3 MONTH	6000
SULFUR DIOXIDE						0	2 1/3 MONTH	6000
COD						0	2 1/3 MONTH	6000
BOD						0	2 1/3 MONTH	6000
COBALT						0	2 1/3 MONTH	6000
COPPER						0	2 1/3 MONTH	6000
ZINC						0	2 1/3 MONTH	6000
IRON						0	2 1/3 MONTH	6000
MANGANESE						0	2 1/3 MONTH	6000
NITRATE						0	2 1/3 MONTH	6000
NITRITATE						0	2 1/3 MONTH	6000
AMMONIA NITROGEN						0	2 1/3 MONTH	6000
AMMONIUM NITROGEN						0	2 1/3 MONTH	6000
NITROGEN						0	2 1/3 MONTH	6000
PHOSPHORUS						0	2 1/3 MONTH	6000
FLUORIDE						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000
SEWAGE TREATMENT PLANT EFFLUENT						0	2 1/3 MONTH	6000

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
ROY E. CRAFT  
REGIONAL PLANTS MANAGER

TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
[Signature]

TELEPHONE  
310 615-6342

DATE  
07 02 28

AREA CODE NUMBER  
310 615-6342

YEAR MO DAY  
07 02 28

REG. NO. SEGUNDO POWER, LLC  
by: NRG E1 SEGUNDO Operations Inc.  
It's Authorized Agent

EPA Form 3320-1 (Rev. 3/99) Previous editions may be used. PAGE 1 OF 4

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME EL SEGUNDO POWER, L.L.C.  
ADDRESS EL SEGUNDO GENERATING STATION  
301 VENTURA BLVD. #100  
EL SEGUNDO CA 90228  
FACILITY EL SEGUNDO GENERATING STATION  
LOCATION EL SEGUNDO CA 90228  
ATTN: ALEX CRAFT

COUPLER PERMIT NUMBER  
DISCHARGE NUMBER

MONITORING PERIOD  
YEAR MO DAY TO YEAR MO DAY

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE				MAXIMUM
0001 FLOW RATE (MGD)	SAMPLE MEASUREMENT				26.9	27.8		2/31	GRAB
	PERMIT REQUIREMENT				MG AVG	DAILY MAX		MONTH	
0002 FLOW RATE (MGD)	SAMPLE MEASUREMENT				17.5	18.0		2/31	GRAB
	PERMIT REQUIREMENT				MG AVG	DAILY MAX		MONTH	
0003 FLOW RATE (MGD)	SAMPLE MEASUREMENT				NOD B	NOD B		2/31	GRAB
	PERMIT REQUIREMENT				MG AVG	DAILY MAX		MONTH	
0004 FLOW RATE (MGD)	SAMPLE MEASUREMENT				1.45	1.5		2/31	GRAB
	PERMIT REQUIREMENT				MG AVG	DAILY MAX		MONTH	
0005 FLOW RATE (MGD)	SAMPLE MEASUREMENT	0.005						2/31	CONT
	PERMIT REQUIREMENT	DAILY MAX						MONTH	
0006 FLOW RATE (MGD)	SAMPLE MEASUREMENT				160.0			2/31	GRAB
	PERMIT REQUIREMENT				MG AVG	DAILY MAX		MONTH	
0007 FLOW RATE (MGD)	SAMPLE MEASUREMENT				36.0			2/31	GRAB
	PERMIT REQUIREMENT				MG AVG	DAILY MAX		MONTH	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
ROE E. CRAFT  
REGIONAL PLANTS MANAGER

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
*Roe Craft*

TELEPHONE  
310 615 6342

DATE  
07 02 28

AREA CODE NUMBER  
310 615 6342

YEAR MO DAY  
07 02 28

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EL SEGUNDO POWER, L.L.C.  
By: NRG EL SEGUNDO Operations Inc.  
It's Authorized Agent

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
EL SEGUNDO POWER PLANT  
EL SEGUNDO GENERATING STATION  
77000 1 0 0 0  
MOUNTAIN VIEW, CA 90240  
ATTN: ALBERT J. CRAFT

CAD000117  
PERMIT NUMBER

1778  
DISCHARGE NUMBER

MONITORING PERIOD

FROM: YEAR MO DAY TO YEAR MO DAY

WATER (SOURCE)  
F - FINAL  
SANITARY (UNIT) 1 / MONTHLY  
SOP AND DISCHARGE ( ) 1 1 1 1 1 1

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	AVERAGE	MAXIMUM	UNITS			
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT				36.0		2	1/31	60NB
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
CALIFORNIA GENERAL 77000 1 0 0 0 MOUNTAIN VIEW, CALIF.	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								

ROY E. CRAFT  
REGIONAL PLANTS MANAGER  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER  
OFFICER OR AUTHORIZED AGENT

TELEPHONE: 310 615 6342  
DATE: 07 02 28  
AREA CODE: 310 NUMBER: 615 6342

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
EL SEGUNDO POWER, LLC  
by: NRG El Segundo Operations Inc.  
It Authorized Agent

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
EL SEGUNDO POWER, L.L.C.  
301 WEST DEL MAR  
EL SEGUNDO, CA 90245

PERMIT NUMBER  
L250  
DISCHARGE NUMBER  
000000

ADDRESS  
EL SEGUNDO GENERATING STATION  
301 WEST DEL MAR  
EL SEGUNDO, CA 90245

MONITORING PERIOD  
YEAR MO DAY TO YEAR MO DAY

FACILITY  
EL SEGUNDO GENERATING STATION  
LOCATION  
EL SEGUNDO, CA 90245

NOTE: Read instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY (20 DEG C)	MEASUREMENT								
	PERMIT REQUIREMENT								
FLUENT SOLIDS VALUE	MEASUREMENT								
	PERMIT REQUIREMENT								
SUSPENDED SOLIDS	MEASUREMENT								
	PERMIT REQUIREMENT								
OIL AND GREASE	MEASUREMENT								
	PERMIT REQUIREMENT								
TOTAL SUSPENDED SOLIDS	MEASUREMENT								
	PERMIT REQUIREMENT								
FLOW TO TREATMENT PLANT	MEASUREMENT								
	PERMIT REQUIREMENT								
TREATMENT PLANT EFFLUENT	MEASUREMENT								
	PERMIT REQUIREMENT								
GENERAL EFFLUENT	MEASUREMENT								
	PERMIT REQUIREMENT								
TYPED OR PRINTED	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE			DATE	
	ROY E. CRAFT	<i>R E Craft</i>			310-615-6342			07 02 28	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	TYPED OR PRINTED			AREA CODE			YEAR MO DAY		

EL SEGUNDO POWER, LLC  
by: NRG El Segundo Operations Inc.  
It's Authorized Agent

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME EL SEGUNDO POWER, L.L.C.  
ADDRESS EL SEGUNDO GENERATING STATION  
301 VISTA DEL PAR  
EL SEGUNDO, CA 94028  
FACILITY EL SEGUNDO GENERATING STATION  
LOCATION EL SEGUNDO GENERATING STATION  
STATE CA CO 94028

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD  
YEAR MO DAY TO YEAR MO DAY

WATER (BOTH OR) F - FINAL  
BANTARY MODE 2 / MONTHLY  
USE NO RESERVE 1 C 1000

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
CULINARY OILS GENERAL	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
ZINC	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
COPPER	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
LEAD	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Cadmium	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Chloride	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Sulfate	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Suspended Solids	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Dissolved Solids	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Hardness	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
pH	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Temperature	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Phosphorus	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Ammonia Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Nitrate Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Nitrite Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Organic Carbon	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Organic Phosphorus	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Organic Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Suspended Solids (TSS)	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Dissolved Solids (TDS)	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Hardness	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
pH	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Temperature	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Phosphorus	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Ammonia Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Nitrate Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Nitrite Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Organic Carbon	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Organic Phosphorus	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
Total Organic Nitrogen	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
ROY E. CRAFT  
REGIONAL PLANTS MANAGER

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
*[Signature]*

TELEPHONE  
070 025 6342  
AREA CODE NUMBER  
07 02 28  
DATE  
YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EL SEGUNDO POWER, LLC  
by: NRC El Segundo Operations Inc.  
It's Authorized Agent

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME EL SEGUNDO POWER, L.L.C.  
ADDRESS EL SEGUNDO GENERATING STATION  
100 VICTA DEL PASO CA 90245  
FACILITY EL SEGUNDO GENERATING STATION  
LOCATION EL SEGUNDO CA 90245  
ATTN: ALEX BROWN


PERMIT NUMBER  
C0000007

DISCHARGE NUMBER  
0718

MONITORING PERIOD  
FROM YEAR MO DAY TO YEAR MO DAY

MAKER (COUR 04)  
F. F. FIRM  
COURT WYL. CEN. WBT/WHITELY  
1000 100 DISCHARGE 101 888

NOTE: Read instructions before completing this form.

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE			
PH	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
FLUENT SOLIDS (ML/D)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
SULFIDE TOTAL	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
SUSPENDED SOLIDS (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
EFFLUENT SOLIDS (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
COPPER (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
CAD (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
EFFLUENT SOLIDS (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
ZINC (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
EFFLUENT SOLIDS (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
TOTAL SOLIDS (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
FLUENT SOLIDS (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
TOTAL TURBIDITY (NTU)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
EFFLUENT SOLIDS (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
EFFLUENT SOLIDS (MG/L)	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE		DATE	
ROY B. CRAFT					310 615 6342		07 02 28	
REDFLOWN PLANTS MANAGER		OFFICER OF AUTHORIZED AGENT			AREA CODE NUMBER		YEAR MO DAY	
TYPED OR PRINTED					310 615 6342		07 02 28	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)								
EL SEGUNDO POWER, LLC by: NRG El Segundo Operations Inc. It's Authorized Agent								

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
 NAME EL SEGUNDO POWER, L.L.C.  
 ADDRESS EL SEGUNDO GENERATING STATION  
 301 VISTA DEL MAR  
 FACILITY EL SEGUNDO  
 LOCATION EL SEGUNDO GENERATING STATION  
 WITH ALEX SANDOZ

CAVALLI  
 PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD  
 YEAR MO DAY TO YEAR MO DAY

MANAGER  
 (SIGN OR)  
 EL SEGUNDO PPL CLM/MONITLY  
 800 W. DISCHARGE 1 C 800

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	MEASUREMENT								
	PERMIT REQUIREMENT								
SULFIDE TOTAL	MEASUREMENT								
	PERMIT REQUIREMENT								
SUSPENDED SOLIDS	MEASUREMENT								
	PERMIT REQUIREMENT								
COPPER, SOLUBLE	MEASUREMENT								
	PERMIT REQUIREMENT								
IRON	MEASUREMENT								
	PERMIT REQUIREMENT								
OIL AND GREASE	MEASUREMENT								
	PERMIT REQUIREMENT								
THRU TREATMENT PLANT	MEASUREMENT								
	PERMIT REQUIREMENT								
EFFLUENT SOLIDS VALUE	MEASUREMENT								
	PERMIT REQUIREMENT								

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 ROY E. CRAFT  
 REGIONAL PLANTS MANAGER

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  


TELEPHONE  
 310 615 6342  
 AREA CODE NUMBER  
 DATE  
 07 02 28

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EL SEGUNDO POWER, LLC  
 by: NRC El Segundo Operations Inc.  
 It's Authorized Agent