

El Segundo Power, LLC 301 Vista Del Mar Boulevard El Segundo, CA 90245 Phone: 310.615.6028

Fax: 310.615.6060

February 24, 2011

Division of Water Quality C/O Discharge Monitoring Report Process Center 1001 I Street, 15th Floor Sacramento, CA 95814

Subject: Monitoring and Reporting Program
El Segundo Power, LLC
No. 4667 January 2011 Monthly Report and 2010 Annual Report

MONTHLY REPORT

Attached are the test results obtained from the required sampling stations during the month of January 2011. 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 was there any Non-Metal Cleaning Wastes discharged for the month of January 2011. Enclosed please find hazardous waste manifests generated from El Segundo Power LLC for the month of January 2011.

The following is a compilation for the year 2010:

2010 ANNUAL REPORT

As part of the annual report please find the tabular and graphical summaries of the monitoring data obtained during the year 2010.

COMPLIANCE RECORD

On May 1, 2010, semi-annual and annual monitoring was conducted on discharge point #001. The results for Copper on the 30-day average were 17.0mg/L. The NPDES Permit 30-day average limit is 15.0 mg/L. The results for Zinc were 200 mg/L. The NPDES

Permit 30-day average limit is 164 mg/L. Due to the closure of Units 1 & 2 discharge point #001, El Segundo Power, LLC was unable to perform subsequent monitoring to comply with the 30-day average limits. This was reported to Hugh Marley of the Los Angeles Regional Water Quality Control Board on June 1, 2010, at 12:40.

ELAP CERTIFICATIONS

Also included are copies of ELAP certifications for all laboratories used by El Segundo Power, LLC.

HAZARDOUS MATERIAL SUMMARY

In addition, please find a hazardous materials summary for year 2010.

UNITS 1 & 2

There was no chlorination performed on discharge point #001 during the year 2010. On May 3, 2010, Units 1 & 2 discharge point #001 was permanently shut down prior to demolition of Units 1 & 2.

CHRONIC TOXICITY TESTING

Chronic Toxicity Bioassay monitoring was conducted in 2010 on discharge point #001 for the first and second quarters with no problems. Subsequent to that no further monitoring was performed due to the closure of discharge point #001. Chronic toxicity monitoring was also conducted on discharge point #002 each quarter of 2010 with no problems.

WATERBOARD INSPECTIONS

On February 23, 2010, Jose Morales of the Los Angeles Regional Water Quality Control Board conducted an annual NPDES plant inspection. No discrepancies were noted during his visit.

SANITARY TREATMENT PLANTS

For the months of January thru September 2010 Sanitary Treatment Plant #1 was routed to Sanitary Treatment Plant #2. On September 22, 2010, Sanitary Treatment Plant#1 was permanently shut down prior to demolition of the sanitary treatment plant. Sanitary Treatment Plant #2 operated during 2010 with no problems.

HEAT TREATMENTS

No heat treatments were conducted on discharge point 001 during thee year 2010. On January 13, 2010 a heat treatment was conducted on discharge point #002. The maximum temperature attained was 118.9 degrees F. On August 19, 2010, a heat treatment was conducted on discharge point #002. The maximum temperature attained was 113.7 degrees F. All heat treats conducted were within permit limits. The data for the heat treatments were reported in the January and August monthly reports data. However, in the January and August monthly cover letters there was no mention of the

heat treatments. Corrections to both the January and August 2010 monthly reports will be made to correct this.

METAL CLEANING WASTES

There were no Metal Cleaning Wastes discharged during the year 2010.

NON-METAL CLEANING WASTES

There were no Non-Metal Cleaning Wastes discharged during the year 2010.

STORM WATER

The annual Storm Water report was submitted in June 28, 2010. El Segundo Power LLC currently has in effect for the entire site amendment IV of a Construction SWPPP in place.

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.

QA ACTIVITIES

A review of El Segundo Power, LLC contract laboratory QA plan was conducted during the compilation of this annual report. The plan as it is currently written is in need of revision. El Segundo Power, LLC will ensure that the QA plan is updated during the year 2011.

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 24th day of February 2011, at the El Segundo Generating Station.

Sincerely,

El Segundo Power, LLC

By: NRG El Segundo Operations Inc.,

It's Authorized Agent

By:

Ken H. Riesz, Sr.

Plant Manager

File Number 1 C 4 21 H



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Sam Unger C/O California Regional Water Quality Control Board Los Angeles Region ATTN: Technical Support Unit Los Angeles, CA 90013

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By: NRG El Segundo Operations Inc.,

It's Authorized Agent

By:

Ken H. Riesz, Sr.

Plant Manager

File Number 1 C 4 21 H

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

Jan-11

TOTAL EFFLUENT FROM DISCHARGE SERIAL NO. 001

1 2	Flow (10E6		~ .	CII.	()	deg C
	(~ m m)	Temp	Chlorine	Chlorine	(s.u.)	ueg C
	(GPD)	(deg F)	(mg/l)	(mg/l)		
2	0.0	There was no di	scharge fot this	period.		
	0.0					
3	0.0					
4	0.0					
5	0.0					
6	0.0					
7	0.0					
8	0.0					
9	0.0					
10	0.0					
11	0.0					
12	0.0					
13	0.0					
14	0.0					
15	0.0					
16	0.0					
17	0.0					
18	0.0					
19	0.0					
20	0.0					
21	0.0					
22	0.0					
23	0.0					
24	0.0					
25	0.0					
26	0.0					
27	0.0					
28	0.0					
29	0.0					
30	0.0					
31	0.0					
	0.0		0.2		6.0 - 9.0	
Discharge Limit:	Iı	nstantaneous Max	Marie Control of the	0.2	0.0 9.0	
emperature Disch						
lormal Ops:		105 Degs. F				
leat Treat:		125 Degs. F				
ecirc. Gate Adj.:		135 Degs. F				
PDES/DMR						
verage	0.0					
/aximum	0.0					
Minimum NOTE: In lieu of m	0.0					

EL SEGUNDO POWER LLC

EL SEGUNDO GENERATING STATION EFFLUENT MONITORING ANALYSIS DATA

Jan-11

TOTAL EFFLUENT FROM DISCHARGE SERIAL NO. 002

Day	Total Effluent Flow (10E6 (GPD)	Maximum Discharge Temp (deg F)	Free Available Chlorine (mg/l)	Total Residual Chlorine (mg/l)	pH (s.u.)	Temp deg C
1	99.6	59.5				
2	99.6	58.8				
3	99.6	58.6	0.08	0.15	8.04	12
4	99.6	58.9				
5	99.6	59.1	0.04	0.06		
6	99.6	58.7				
7	99.6	59.2	0.04	0.07		
8	99.6	58.9				
9	99.6	59.2				
10	99.6	59.4	0.13	0.16	7.77	15
11	99.6	59.0				
12	99.6	59.2	0.13	0.16		
13	99.6	59.4				
14	99.6	59.9	0.14	0.17		
15	99.6	60.0				
16	99.6	60.4				
17	99.6	60.4	0.13	0.18	7.77	15
18	99.6	60.9				
19	99.6	60.7	0.11	0.13		
20	99.6	61.8				
21	99.6	61.4	0.16	0.18		
22	99.6	61.1				
23	99.6	61.6				
24	99.6	61.2	0.15	0.18	7.62	16
25	99.6	62.0				
26	195.1	80.5	0.09	0.12		
27	116.3	62.5				
28	99.6	62.3	0.08	0.09		
29	99.6	61.6				
30	99.6	61.2				
31	99.6	61.7	0.12	0.14	7.62	16
Discharge Lim		Mari	0.2 0.5	0.4	6.0 - 9.0	
		nstantaneous Max	0.3	0.4		
	Discharge Limit:	105 D E				
ormal Ops:		105 Degs. F 125 Degs. F				
leat Treat:						
ecirc. Gate Ad	lj.:	135 Degs. F				
PDES/DMR		(0.0	0.11	0.14	7.8	15
verage	103.3	60.9	0.11	0.14	8.0	19
laximum	195.1	80.5			7.6	12
Iinimum	99.6 of monitoring for radi	58.6	0.04	0.06	7.0	12

NOTE: In lieu of monitoring for radioactivity, no radioactive pollutants were added to the discharge.

Maximum temperature for month

80.5

EL SEGUNDO POWER LLC

EFFLUENT MONITORING ANALYSIS DATA LARWQCB ORDER NO. 00-084, NPDES NO. CA0001147

Jan-11

INPLANT WASTE STREAMS

LOW VOLUME WASTE

		A) RETEN	TION BASIN	N - (LVW 1)			
Date	Constituent	Concentration	Units	Temp (deg C)	Concentration Limit (Daily Max)	30 Day Avg Limit	Frequency of Analysis
	Daily Flow	150,000	MGPD		N/A	N/A	Daily
1/5/11	Suspended Solids-1	15.7	mg/l		100	30	Monthly
1/5/11	Suspended Solids-2	19.6	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	19.6	mg/l		100	30	Monthly
	Suspended Solids Avg	17.7	mg/l		100	30	Monthly
					20	1.5	T M 41
1/5/11	Oil & Grease-1	3.1	mg/l		20	15	Monthly
1/5/11	Oil & Grease-2	2.4	mg/l		20	15	Monthly
	Oil & Grease-3		mg/1		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	3.1	mg/l		20	15	Monthly
	Oil & Grease Avg	2.8	mg/l		20	15	Monthly
1/3/11	pH-1	8.24	рН	11°C	6.0 - 9.1	N/A	Monthly
1/5/11	pH-2	8.33	pН	14°C	6.0 - 9.1	N/A	Monthly
1/10/11	pH-3	9.26	pН	13°C	6.0 - 9.1	N/A	Monthly
	pH-4		pН		6.0 - 9.1	N/A	Monthly
	pH-5		pН		6.0 - 9.1	N/A	Monthly
	pH-6		pН		6.0 - 9.1	N/A	Monthly
	pH Max	9.3	pН		6.0 - 9.1	N/A	Monthly
	pH Min	8.6	pH		6.0 - 9.0	N/A	Monthly

				Concentration	on Limit	Frequenc
Constituent	Concentration	Units	Date	Daily Max	30 Day Avg	of Analysis
Daily Flow MAX	1,500	GPD				Monthly
Oil & Grease-1	ND	mg/l	1/14/11	15	10	Monthly
Oil & Grease-2	ND	mg/l	1/14/11	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	Monthl
Oil & Grease Max	ND	mg/l		15	10	Monthl
Oil & Grease Avg	ND	mg/l		15	10	Monthl
Settleable Solids-1	ND	ml/l	1/14/11	0.3	0.1	Monthl
Settleable Solids-2		ml/l		0.3	0.1	Monthl
Settleable Solids-3		ml/l		0.3	0.1	Monthl
Settleable Solids-4		ml/l		0.3	0.1	Monthl
Settleable Solids-5		ml/l		0.3	0.1	Monthl
Settleable Solids Max	ND	ml/l		0.3	0.1	Monthl
Settleable Solids Avg	ND	ml/l		0.3	0.1	Monthl
Suspended Solids-1	7.0	mg/l	1/14/11	45	30	Monthl
Suspended Solids-2	8.0	mg/l	1/14/11	45	30	Monthl
Suspended Solids-3	0.0	mg/l		45	30	Monthl
Suspended Solids-4		mg/l		45	30	Month
Suspended Solids-5		mg/l		45	30	Monthl
Suspended Solids Max	8.0	mg/l		45	30	Monthl
Suspended Solids Avg	7.5	mg/l		45	30	Month
BOD5 @ 20C-1	13.5	mg/l	1/14/11	45	30	Month
BOD5 @ 20C-1	14.8	mg/l	1/14/11	45	30	Monthl
BOD5 @ 20C-3		mg/l		45	30	Monthl
BOD5 @ 20C-4		mg/l		45	30	Month
BOD5 @ 20C-5		mg/l		45	30	Month
BOD5 @ 20C Max	14.80	mg/l		45	30	Month
BOD5 @ 20C Avg	14.15	mg/l		45	30	Month
Total Coliform-1	<2	100 ml	1/14/11	· N/A	N/A	Month
Total Coliform-2		100 ml		N/A	N/A	Month
Total Coliform-3		100 ml		N/A	N/A	Month
Total Coliform-4		100 ml		N/A	N/A	Month
Total Coliform-5		100 ml		N/A	N/A	Month
Total Coliform Max	<2	100 ml		N/A	N/A	Month
Total Coliform Avg	<2	100 ml		N/A	N/A	Month
Fecal Coliform-1	<2	100 ml	1/14/11	N/A	N/A	Month
Fecal Coliform-2		100 ml		N/A	N/A	Month
Fecal Coliform-3		100 ml		N/A	N/A	Month
Fecal Coliform-4		100 ml		N/A	N/A	Month
Fecal Coliform-5		100 ml		N/A	N/A	Month
Fecal Coliform Max	<2	100 ml		N/A	N/A	Month
Fecal Coliform Avg	<2	100 ml		N/A	N/A	Month
Enterrococi-1	<2	100 ml	1/14/11	N/A	N/A	Month
Enterrococi-2		100 ml				Month
Enterrococi-3		100 ml		N/A	N/A	Month
Enterrococi-4		100 ml				Month
Enterrococi-5		100 ml				Month
Enterrococi Max	<2	100 ml		N/A	N/A	Month
Enterrococi Avg	<2	100 ml		N/A	N/A	Month

				Concentrati	on Limit	Frequenc
Constituent	Concentration	Units	Date	Daily Max	30 Day Avg	of Analysis
1 & 2 Inlet Fecal Coliform		MPN/100		N/A	N/A	Monthly
1 & 2 Inlet Fecal Coliform		MPN/100		N/A	N/A	Monthly
					1 37/1	3.6
1 & 2 Inlet Total Coliform		MPN/100		N/A	N/A	Monthly
1 & 2 Inlet Total Coliform		MPN/100		N/A	N/A	Monthly
		MPN/100 ml		N/A	I N/A	Monthly
1 & 2 Inlet Enterococci		MPN/100 ml		N/A	N/A	Monthly
1 & 2 Inlet Enterococci		MIPIN/100 IIII		17/11		
#001 Fecal Coliform		MPN/100		N/A	N/A	Monthly
#001 Fecal Coliform		MPN/100		N/A	N/A	Monthl
#001 Tecal Collidin						
#001 Total Coliform		MPN/100		N/A	N/A	Monthl
#001 Total Coliform		MPN/100		N/A	N/A	Monthl
noor rotal company						
#001 Enterococci		MPN/100 ml		N/A	N/A	Monthl
#001 Enterococci		MPN/100 ml		N/A	N/A	Monthl
3 & 4 Inlet Fecal Coliform	<2	MPN/100	1/14/11	N/A	N/A	Monthl
3 & 4 Inlet Fecal Coliform		MPN/100		N/A	N/A	Monthl
			1/14/11	NI/A	N/A	Monthl
3 & 4 Inlet Total Coliform	<2	MPN/100	1/14/11	N/A	N/A N/A	Month
3 & 4 Inlet Total Coliform		MPN/100		N/A	IN/A	IVIOIIIII
20411454	<2	MPN/100 ml	1/14/11	N/A	N/A	Month
3 & 4 Inlet Enterococci	<2	MPN/100 ml	1/14/11	N/A	N/A	Month
3 & 4 Inlet Enterococci		1411 14/ 100 1111		11/12		
#002 Fecal Coliform	<2	MPN/100	1/14/11	N/A	N/A	Month
#002 Fecal Coliform	~2	MPN/100		N/A	N/A	Month
#002 recar comoni						
#002 Total Coliform	<2	MPN/100	1/14/11	N/A	N/A	Month
#002 Total Coliform		MPN/100		N/A	N/A	Month
#002 Enterococci	2	MPN/100 ml	1/14/11	N/A	N/A	Month
#002 Enterococci		MPN/100 ml		N/A	N/A	Month

**There were no metal_cleaning waste	es discharged during	g this time pe	riod.	Concentrati	on Limit	Frequency
	Concentration	Units		Daily Max	30 Day Avg	of Analysis
Constituent & Date of Sample	Concentration	pH		6.0 - 9.0	N/A	Monthly
oH Max		pH		6.0 - 9.0	N/A	Monthly
oH Min		mg/l		100	30	Monthly
Suspended Solids Max		mg/l		100	30	Monthly
Suspended Solids Min		mg/l		20	15	Monthly
Oil & Grease Max		mg/l		20	15	Monthly
Dil & Grease Min		GPD		N/A	N/A	Monthly
Daily Flow MAX		mg/l		1	1	Monthly
Copper, Total Max		mg/l		1	1	Monthly
Copper, Total Min		mg/l		$\frac{1}{1}$	1	Monthly
*There were no metal_cleaning waste	NON-CHEMIC es discharged durin			Concentration Limit	30 Day Avg	Frequency
Constituent & Date of Sample	Concentration	Units		(Daily Max.)	Limit	Analysis
				6.0 - 9.0	N/A	Monthly
		pН				Widiting
oH Max		pH pH		6.0 - 9.0	N/A	
bH Max bH Min		pН	-			Monthly
oH Max oH Min Suspended Solids Max		pH mg/l		6.0 - 9.0	N/A	Monthly Monthly
oH Max oH Min Suspended Solids Max Suspended Solids Min		pH mg/l mg/l		6.0 - 9.0	N/A 30	Monthly Monthly Monthly
oH Max oH Min Suspended Solids Max Suspended Solids Min Oil & Grease Max		pH mg/l mg/l mg/l		6.0 - 9.0 100 100	N/A 30 30	Monthly Monthly Monthly Monthly Monthly
oH Max oH Min Suspended Solids Max Suspended Solids Min Oil & Grease Max Oil & Grease Min		pH mg/l mg/l		6.0 - 9.0 100 100 20	N/A 30 30 15	Monthly Monthly Monthly Monthly Monthly
oH Max oH Min Suspended Solids Max Suspended Solids Min Oil & Grease Max Oil & Grease Min Daily Flow MAX		pH mg/l mg/l mg/l mg/l		6.0 - 9.0 100 100 20 20	N/A 30 30 15 15	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Monthly
pH Max pH Min Suspended Solids Max Suspended Solids Min Oil & Grease Max Oil & Grease Min Daily Flow MAX Copper, Total Max Copper, Total Min		pH mg/l mg/l mg/l mg/l GPD		6.0 - 9.0 100 100 20 20 N/A	N/A 30 30 15 15	Monthly Monthly Monthly Monthly

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	5. Generator's Name and Maili El Segundo Power, I 301 Vista Del Mar Bl El Segundo, CA 902	LLC Ivd		Generator's Site Address ((if different than	mailing addre	ss)			
	Generator's Phone: 310-6		1							
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E	acility's Phone: 909-421	1-2012				CAD9	324444	81		
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	20. De	esignated Facility Owner of	or Operator: Certification of rece	ipt of hazardous materials cove	ered by the man	nifest except as	noted in Ite	m 18a	-		A4	h Davi	Year
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	l 15.	GENERATOR'S/OFFEROR'	S CERTIFICATION	ON: I hereby declare th	at the contents of this	consignment a	re fully a	nd accurately des	scribed above	by the proper sr	noping name	e, and are cia	ssified, paci	kaged,
		marked and labeled/placarde	d, and are in all	respects in proper cond	lition for transport acc	ording to applica	able inter	mational and nati	onal governm	ental regulations	. If export sh	ipment and I	am the Prin	nary
		Exporter, I certify that the cor I certify that the waste minim	zation statemen	signment conform to the t identified in 40 CFR 20	e terms or the attache 62.27(a) (if I am a larg	e quantity gene	rator) or	(b) (if I am a sma	all qualitity ger	nerator) is true.				
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	19. Ha	zardous Waste Report Mana	gement Method	Codes (i.e., codes for h	nazardous waste treat	ment, disposal,	and recy	cling systems)						
1	1.		- Personal Property Control	2.		3.				4.				
		signated Facility Owner or O	perator: Certifica	ation of receipt of hazar	dous materials covere			t as noted in Item	18a					· · ·
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	5. Generator's Name and Mailing Address El Segundo Power, LLC		Generator's Site A	dress (if different	than mailing addr	ess)		
13	301 Vista Del Mar Blvd. El Segundo, CA 90245							
	Generator's Phone: 310-615-6331							
11	6. Transporter 1 Company Name				U.S. EPA ID			
1 18	Environmental Logistics, Inc.					0001724	60	
11	7. Transporter 2 Company Name				U.S. EPA ID	Number		
IL					U.S. EPA ID	Number		
	8. Designated Facility Name and Site Address				0.0. El // ID	Manibol		
	Filter Recycling Services, Inc.							¥
	180 W. Monte Ave, Bloomington, CA 92316				CADO	824444	81	
IГ	Facility's Phone: 909-421-2012 9a 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number		10.	Containers	11. Total	12. Unit		to Codos
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	20. Des	signated Facility Owner or 0	Operator: Certifica	tion of receipt of hazardou	us materials covered	by the manife	est except	as noted in Item	18a						
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ANALYTICAL REPORT

Laboratory Name:

Address:

Power Production Chemical

7301 Fenwick Lane, 2nd Floor

Westminster, CA 92683-5202

Telephone:

(714) 895-0525

Facsimile:

(714) 895-0515

Laboratory Certification (ELAP) No.: 1949

Expires 11/30/11

Laboratory Director's Name:

Shawn S. Simmons

Laboratory Director's Signature:

Shawn Simmons

Date

CLIENT:

NRG El Segundo Operations, LLC

ADDRESS:

301 Vista Del Mar El Segundo, CA 90245

DATE(S) SAMPLED:

January-11

DATE(S) RECEIVED:

January-11

Chain of Custody(ies) Received:

Yes



ANALYTICAL REPORT

Cover Page 2

	Jan-11	" CCles Cubcontractor
Inorganic Analyses	# of Samples	# of Samples Subcontracted
Chlorine - Free Residual, in field	15	0
Chlorine - Total Residual, in field	15	0
Hydrogen Ion (pH)	8	0
Oil and Grease	2	0
Oil and Grease Spike	0	0
Total Suspended Solids (TSS)	2	0
Organic Analyses		

UNITS 1 AND 2 OUTFALL CHLORINE RESIDUAL SAMPLE NUMBER	ANALYSIS DATE TI	ME PARAMETER		RL (mg/L)	Free Chlorine (mg/L)	Total Chlorine (mg/L)
No Discharge						
			100000000000000000000000000000000000000			L

UNITS 1 AND 2 OUTFALL ELECTROMETRIC PH SAMPLE NUMBER	ANA) DATE	LYSIS TIME	PARAMETER	METHOD	RL (pH unit)	RESULT (pH at t°C)
No Discharge					11 62	

UNITS 3 AND 4 OUTFALL		7131413		阿姆科斯斯		Free	Total
CHLORINE RESIDUAL	ANAL	YSIS			RL	Chlorine	Chlorine
SAMPLE NUMBER	DATE	TIME	PARAMETER	METHOD	(mg/L)	(mg/L)	(mg/L)
EL-110103-002-Cl-1	01/03/11	9:55	Chlorine Residual	SM 4500-C1 G	0.03	0.08	0.15
EL-110103-002-Cl-2	01/03/11	10:00	Chlorine Residual	SM 4500-C1 G	0.03	0.08	0.15
EL-110105-002-Cl	01/05/11	10:30	Chlorine Residual	SM 4500-Cl G	0.03	0.04	0.06
EL-110107-002-C1	01/07/11	10:30	Chlorine Residual	SM 4500-C1 G	0.03	0.04	0.07
EL-110107-002-Cl-1	01/10/11	11:00	Chlorine Residual	SM 4500-C1 G	0.03	0.13	0.16
EL-110110-002-Cl-1 EL-110110-002-Cl-2	01/10/11	11:05	Chlorine Residual	SM 4500-C1 G	0.03	0.13	0.16
EL-110110-002-Cl-2	01/12/11	10:30	Chlorine Residual	SM 4500-C1 G	0.03	0.13	0.16
EL-110112-002-C1	01/14/11	10:30	Chlorine Residual	SM 4500-C1 G	0.03	0.14	0.17
EL-110117-002-Cl	01/17/11	11:15	Chlorine Residual	SM 4500-C1 G	0.03	0.13	0.18
EL-110117-002-C1	01/19/11	10:30	Chlorine Residual	SM 4500-C1 G	0.03	0.11	0.13
	01/13/11	10:30	Chlorine Residual	SM 4500-C1 G	0.03	0.16	0.18
EL-110121-002-C1	01/21/11	10:40	Chlorine Residual	SM 4500-C1 G	0.03	0.15	0.18
EL-110124-002-Cl		11:30	Chlorine Residual	SM 4500-C1 G	0.03	0.09	0.12
EL-110126-002-Cl	01/26/11	9:22	Chlorine Residual	SM 4500-C1 G	0.03	0.08	0.09
EL-110128-002-Cl	01/28/11		Chlorine Residual	SM 4500-C1 G	0.03	0.12	0.14
EL-110131-002-Cl	01/31/11	12:00	Chiorine Residual	DIVI 4500-CI G	0.05		
					<u> </u>		

UNITS 3 AND 4 OUTFALL ELECTROMETRIC PH SAMPLE NUMBER	ANAL	YSIS TIME	PARAMETER	метнор	RL (pH unit)	RESULT (pH at t°C)
EL-110103-002-pH	01/03/11	9:30	Electrometric pH	SM 4500-H ⁺ B	0.01	8.04 at 12°C
EL-110110-002-pH	01/10/11	11:45	Electrometric pH	SM 4500-H ⁺ B	0.01	7.77 at 15°C
EL-110117-002-pH	01/17/11	10:30	Electrometric pH	SM 4500-H ⁺ B	0.01	7.77 at 15°C
EL-110124-002-pH	01/24/11	10:10	Electrometric pH	SM 4500-H ⁺ B	0.01	7.62 at 16°C
EL-110131-002-pH	01/31/11	11:00	Electrometric pH	SM 4500-H ⁺ B	0.01	7.62 at 16°C
1						

ANAL	YSIS			RL	RESULT (pH at t°C)
DATE	TIME	PARAMETER	METHOD	(pH unit)	(pri at t C)
01/03/11	10:45	Electrometric pH	SM 4500-H ⁺ B	0.01	8.24 at 11°C
		Electrometric pH	SM 4500-H ⁺ B	0.01	8.33 at 14°C
01/10/11	12:19	Electrometric pH	SM 4500-H ⁺ B	0.01	9.26 at 13°C
	01/03/11 01/05/11	01/03/11 10:45 01/05/11 10:40	DATE TIME PARAMETER 01/03/11 10:45 Electrometric pH 01/05/11 10:40 Electrometric pH	DATE TIME PARAMETER METHOD 01/03/11 10:45 Electrometric pH SM 4500-H ⁺ B 01/05/11 10:40 Electrometric pH SM 4500-H ⁺ B	DATE TIME PARAMETER METHOD (pH unit) 01/03/11 10:45 Electrometric pH SM 4500-H ⁺ B 0.01 01/05/11 10:40 Electrometric pH SM 4500-H ⁺ B 0.01

	YSIS TIME	PARAMETER	METHOD	MDL (mg/L)	RESULT (mg/L)
The state of the s	9:15	Total Susp. Solids	SM 2540 D	1.0	15.7
	5,10,000		SM 2540 D	1.0	19.6
01/12/11	7.20	Total Susp. Solids	SM 2540 D	1.0	ND
	01/12/11 01/12/11	01/12/11 9:15 01/12/11 9:20	DATE TIME PARAMETER 01/12/11 9:15 Total Susp. Solids 01/12/11 9:20 Total Susp. Solids	DATE TIME PARAMETER METHOD 01/12/11 9:15 Total Susp. Solids SM 2540 D 01/12/11 9:20 Total Susp. Solids SM 2540 D	DATE TIME PARAMETER METHOD (mg/L) 01/12/11 9:15 Total Susp. Solids SM 2540 D 1.0 01/12/11 9:20 Total Susp. Solids SM 2540 D 1.0

RETENTION BASIN OIL AND GREASE SAMPLE NUMBER	ANAL DATE	YSIS TIME	PARAMETER	метнор	MDL (mg/L)	RESULT (mg/L)
EL-110105-RB-OG-1	01/13/11	9:20	Oil and Grease	EPA 1664A LLE	1.5	3.1
EL-110105-RB-OG-2	01/13/11	9:25	Oil and Grease	EPA 1664A LLE	1.5	2.4
Method Blank	01/13/11	7.20	Oil and Grease	EPA 1664A LLE	1.4	ND

	Matrix Spike				
ANALYSIS	Sample	Spike Conc.	MS	MS	Accept.
DATE	Spiked	(mg/L)	(mg/L)	Recovery	Range
01/13/11	LB-110105-EFF-001-OG-1	40.0	37.6	94%	78-114%
01/13/11	AL-110110-RBS-OG-1	40.0	33.0	82%	78-114%
	01/13/11	ANALYSIS Sample DATE Spiked 01/13/11 LB-110105-EFF-001-OG-1	ANALYSIS Sample Spike Conc. DATE Spiked (mg/L) 01/13/11 LB-110105-EFF-001-OG-1 40.0	ANALYSIS Sample Spike Conc. MS DATE Spiked (mg/L) (mg/L) 01/13/11 LB-110105-EFF-001-OG-1 40.0 37.6	ANALYSIS Sample Spike Conc. MS MS DATE Spiked (mg/L) (mg/L) Recovery 01/13/11 LB-110105-EFF-001-OG-1 40.0 37.6 94%





SAMPLE ANALYSIS MEMORANDUM TO:

	7301 Fenwi	luction Che ck Lane, 2 nd ster, CA 926	Floor	
Internal Accounting:	31154	12		
Please return and direct inquires to:	Shawn Sin	nmons	Pax:	
In all correspondence refer to project:	El Segundo	NPDES	Tel: Email:	
Sample(s) are submitted for treatment/d	isposition as de	scribed below	ν.	
Sample ID	Date Collected	Time Collected	Description/Analytes	
EL-110105-RB-OG-1	1/5/11	0900	1-L w/HCl for Oil & Grea	
EL-110105-RB-OG-2	1/5/11		1-L w/HCl for Oil & Grea	ase by EPA 1664A
EL-110105-RB-TSS-1	1/5/11		1-L plastic for TSS by SM	
EL-110105-RB-TSS-2	1/5/11	V	1-L plastic for TSS by SM	1-2540D
Special Instructions:				
6				
Sampler:	15	4/		
TVAN A. NGUYEN Print Name	Date: /-5-	-	Juan- Signature	
Print Name	11me: 090	D	Signature	
Chain of Custody:	T			
	Date:			Date:
Relinquished By	Time:		Received By	Time:
	Date:			Date:
Relinguished By	Time		Received By	Time:



9297 Research Drive Irvine CA, 92618 Project: ESGS

Project Number: NA
Project Manager: Ric Vardel

Reported: 01/20/11 15:13

Conventional Chemistry Parameters by APHA/EPA Methods

Sierra Analytical Labs, Inc.

		DIGITALIA							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1- WTP2 Effluent (1101241-01) Liquid	Sampled: 01/1	4/11 05:50	Received	: 01/14/11	14:15				
Biochemical Oxygen Demand	13.5	2.00	mg/L	1	B1A1909	01/14/11	01/19/11 15:45	EPA 405.1	
Oil & Grease	ND	1.00	"	U	"	"	01/14/11 15:45	EPA 413.1	
	ND	0.100	mL/L	"	"	н	v.	EPA 160.5	
Total Settleable Solids Total Suspended Solids	7.00	1.00	mg/L	"	n	н	an .	EPA 160.2	
2- WTP2 Effluent Dup (1101241-02) Liq	uid Sampled:	01/14/11 0	5:50 Rec	eived: 01/1	14/11 14:15			1	
	14.8	2.00	mg/L	1	B1A1909	01/14/11	01/19/11 15:45	EPA 405.1	
Biochemical Oxygen Demand	ND	1.00	"	0	"	"	01/14/11 15:45	EPA 413.1	
Oil & Grease Total Suspended Solids	8.00	1.00	"	"	"	"	0	EPA 160.2	

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.



9297 Research Drive Irvine CA, 92618 Project: ESGS

Project Number: NA
Project Manager: Ric Vardel

Reported:

01/20/11 15:13

Notes and Definitions

_<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

CHAIN OF CUSTODY RECORD

Page:

Date: 01 / 14 / 11

SIERRA ANALYTICAL
TEL: 949 · 348 · 9389
FAX: 949 · 348 · 9115

FAX: 949 · 348 · 9115 26052 Merit Circle · Suite 105 · Laguna Hills, CA · 92653	15 Suite 105	·Laguna	Hills, CA	92653								Lab W	ork Or	Lab Work Order No.: [10104]	1	
					Client Project ID:			-	-	V	Analyses Kequested	Kedu	ested			Contraction RDD Infor
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Irvine, CA 92618					Monthly	Monthly Sampling List	List						p	per		
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Client Tel. No.: (949) 472-0160							mou 7/ T				ilos	99	a c	j əs		
Client Fax. No.: (949) 472-2060					_] [S Day				S 91	698	300		Sic	Site Global ID
Client Proj. Mgr.: Ric Vardel					×J	Normal \	ž						3 +	, Gr		
Client Sample ID.	Sierra	Date	Time	Matrix	Preservative	Container	No. of Containers	Tota	Fece	SST	Settl	BOD 8 IO	SST	8 110	Field	Field Point Names / Comments
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1A - Intake 3 + 4	ŝ	-		3	92	۵	2	×	×							
1B - Outfall 3 + 4	5	1	-	:												
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00 0									7		Total N	umber	of Cont	Total Number of Containers Submitted to		Sample Disposal:
Sampler Signature:			Shipped Via:					Т		and the same	Laboratory	tory			٥	Return to Client
Printed Name:		100	(Carrier/Waybill No.)	(0)				The d	divery of s	amples and	the signatue analyses s	re on this	thain of cu	The delivery of samples and the signature on this chain of custody form constitutes and conversation to nerform the analyses specified above under SIERRA's Terms and		Lab Disposal *
Relinquished By:		Dete	Reserved By:	,			Date:	Cond	tions, unle	ss otherwi	ic agreed up	on in writus by SIE	ng betwee	Conditions, uness otherwise agreed upon in writing between SIERRA and CLIENT.		Archive mos.
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								N.	🔼 Appropriate Sample Container	te Sample	.ontainer) j	ocall.	Mano-wording	Charles Description
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20 January 2011

Ric Vardel Integrated Performance Consultants, Inc. 9297 Research Drive Irvine, CA 92618

RE:ESGS

Work Order No.:

1101241

whand X. Foryth

Attached are the results of the analyses for samples received by the laboratory on 01/14/11 14:15.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report. If you require any additional retaining time, please advise us.

Sincerely,

Richard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS), Environmental Laboratory Accredidation Program (ELAP) No. 2320.



9297 Research Drive Irvine CA, 92618 Project: ESGS

Project Number: NA

Project Manager: Ric Vardel

Reported: 01/20/11 15:13

ANALYTICAL REPORT FOR SAMPLES

Laboratory ID	Matrix	Date Sampled	Date Received
1101241-01	Liquid	01/14/11 05:50	01/14/11 14:15
1101241-02	Liquid	01/14/11 05:50	01/14/11 14:15
1101241-03	Liquid	01/14/11 05:50	01/14/11 14:15
1101241-04	Liquid	01/14/11 05:50	01/14/11 14:15
	1101241-01 1101241-02 1101241-03	1101241-01 Liquid 1101241-02 Liquid 1101241-03 Liquid	1101241-01 Liquid 01/14/11 05:50 1101241-02 Liquid 01/14/11 05:50 1101241-03 Liquid 01/14/11 05:50

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. All holding times were met, unless otherwises noted in the report with data qualifiers.

HOLDING TIMES: QA/QC CRITERIA:

All quality objective criteria were met, except as noted in the report with data qualifiers.



9297 Research Drive

Irvine CA, 92618

Project: ESGS

Project Number: NA

Project Manager: Ric Vardel

Reported:

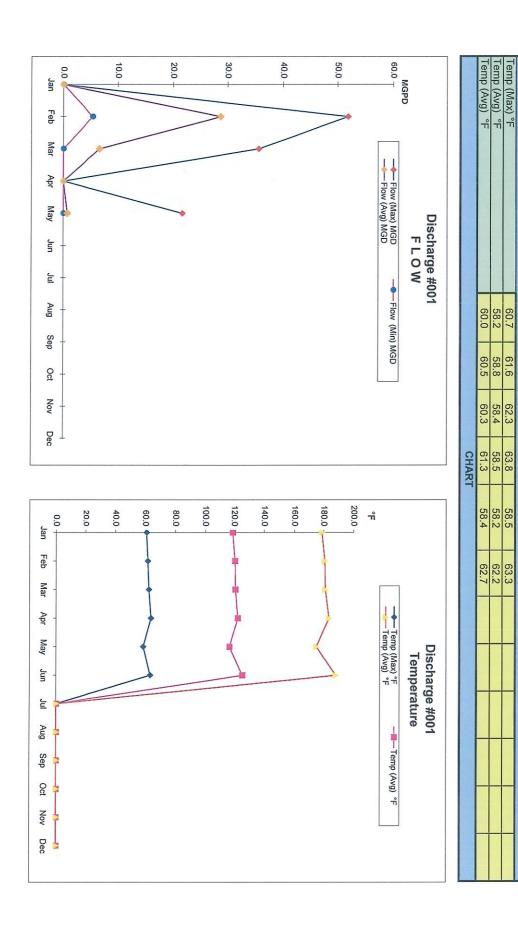
01/20/11 15:13

Microbiological Parameters by APHA Standard Methods

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1- WTP2 Effluent (1101241-01) Liquid	Sampled: 01/14/	11 05:50	Received:	01/14/11	14:15				
Enterococcus	<2.0	2.0 1	MPN/100 mL	1	B1A1708	01/14/11	01/14/11 15:00	SM 9230B	
Fecal Coliforms	< 2.0	2.0	11	11	"	"	"	SM 9221E	
Total Coliforms	<2.0	2.0	"	"	"	11	и	SM 9221B	
1A- Intake 3+4 (1101241-03) Liquid	Sampled: 01/14/11	05:50 R	eceived: 01/	14/11 14	:15				
Enterococcus	<2.0	2.0 1	MPN/100 mL	1	B1A1708	01/14/11	01/14/11 15:00	SM 9230B	
Fecal Coliforms	< 2.0	2.0	n	"	U	11	0	SM 9221E	
Total Coliforms	<2.0	2.0	n	н	и		10	SM 9221B	
1B- Outfall 3+4 (1101241-04) Liquid	Sampled: 01/14/11	05:50 F	Received: 01	/14/11 14	4:15				
Enterococcus	<2.0	2.0	MPN/100 mL	1	B1A1708	01/14/11	01/14/11 15:00	SM 9230B	
Fecal Coliforms	<2.0	2.0	"	U	"		"	SM 9221E	
Total Coliforms	2.0	2.0	"	"		н	H.	SM 9221B	

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.



Flow (Max) MGD Flow (Min) MGD Flow (Avg) MGD

0.0

51.8 5.4 28.6

35.6 0.0 6.6

21.6 0.0 0.7 Jan

Feb

Mar

May

Jun

Jul

Aug

Sep

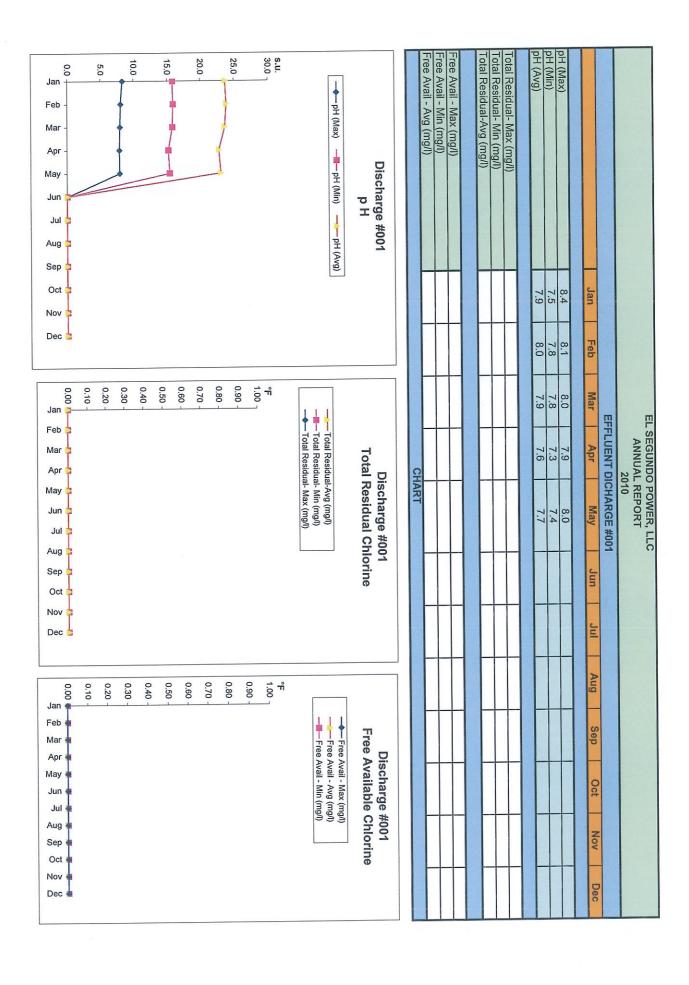
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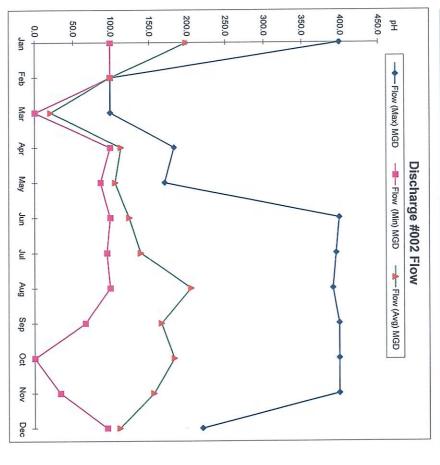
Nov

Dec

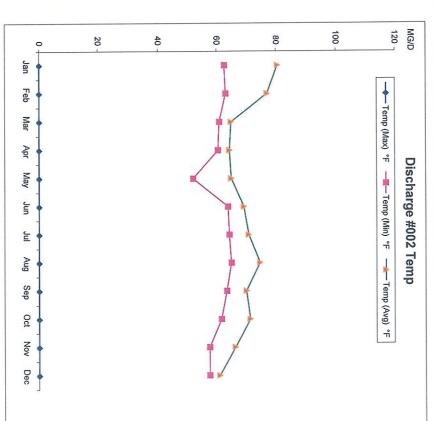
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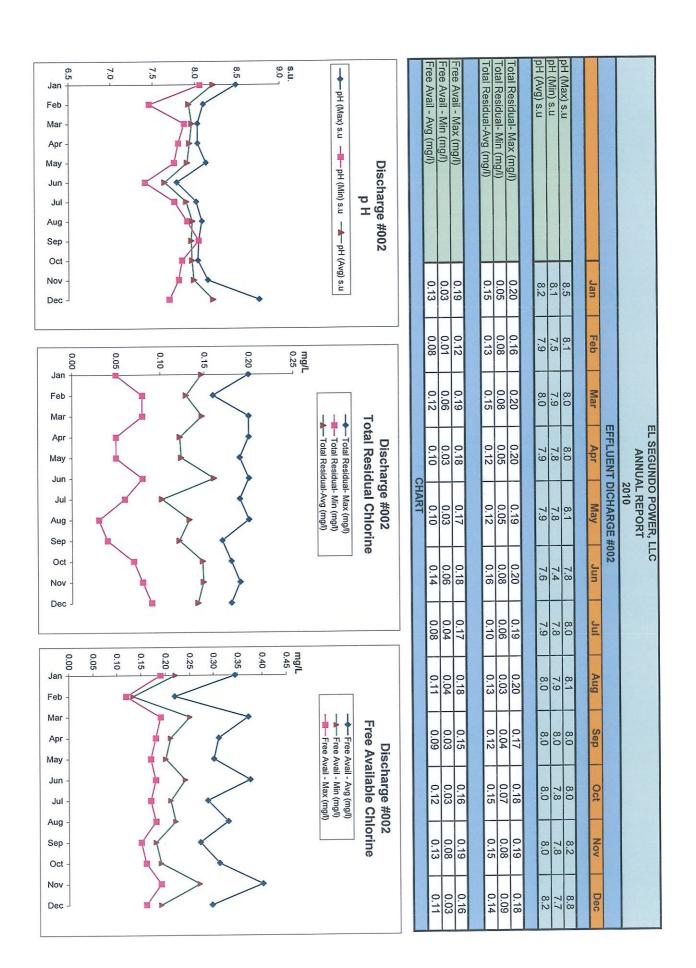
EL SEGUNDO POWER, LLC ANNUAL REPORT 2010

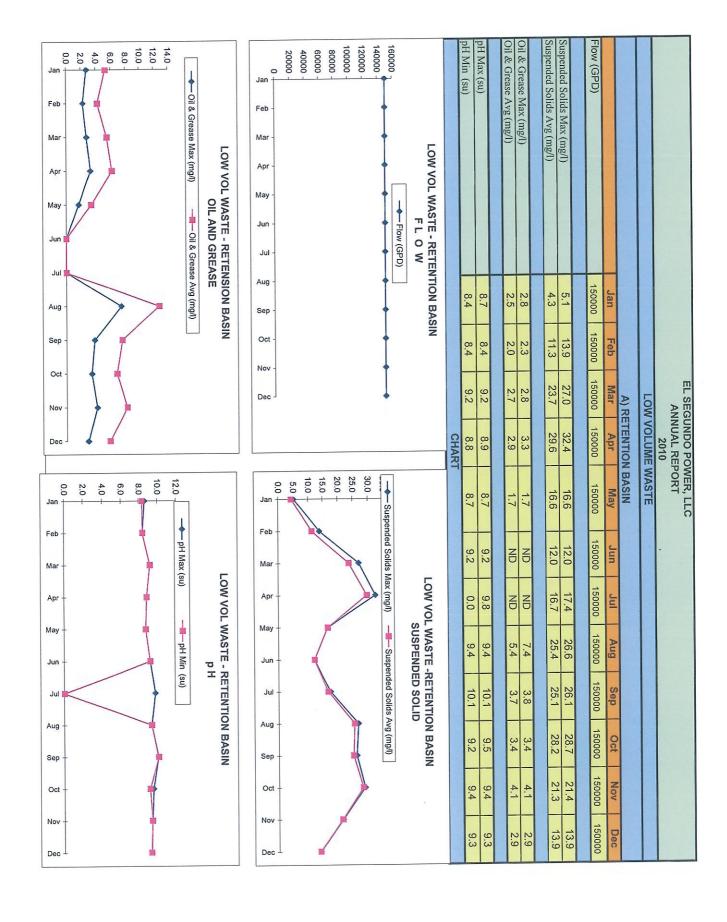


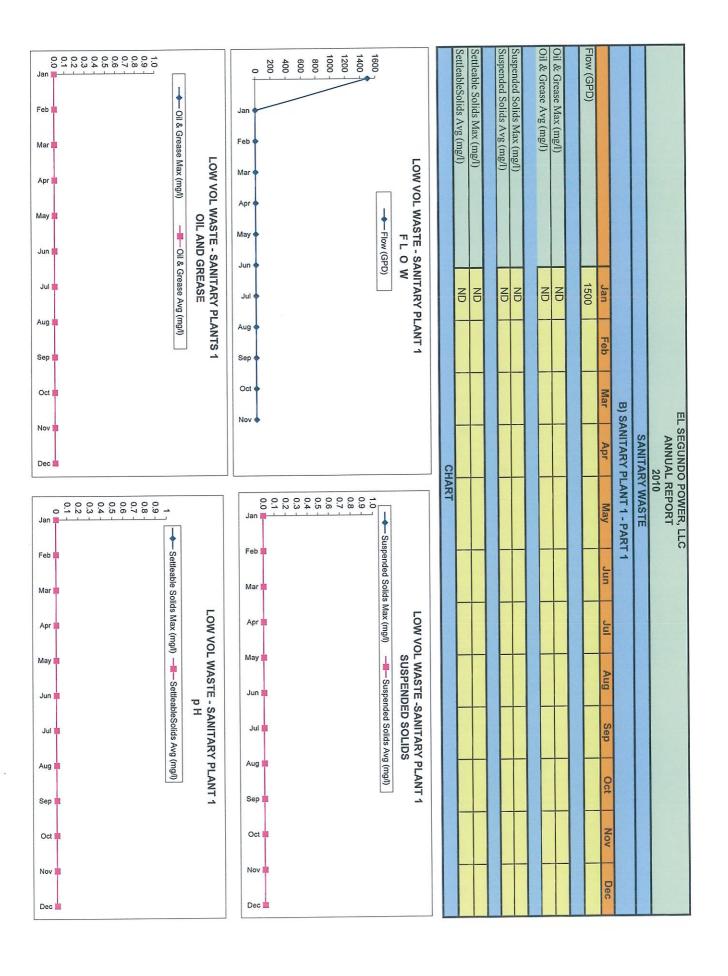


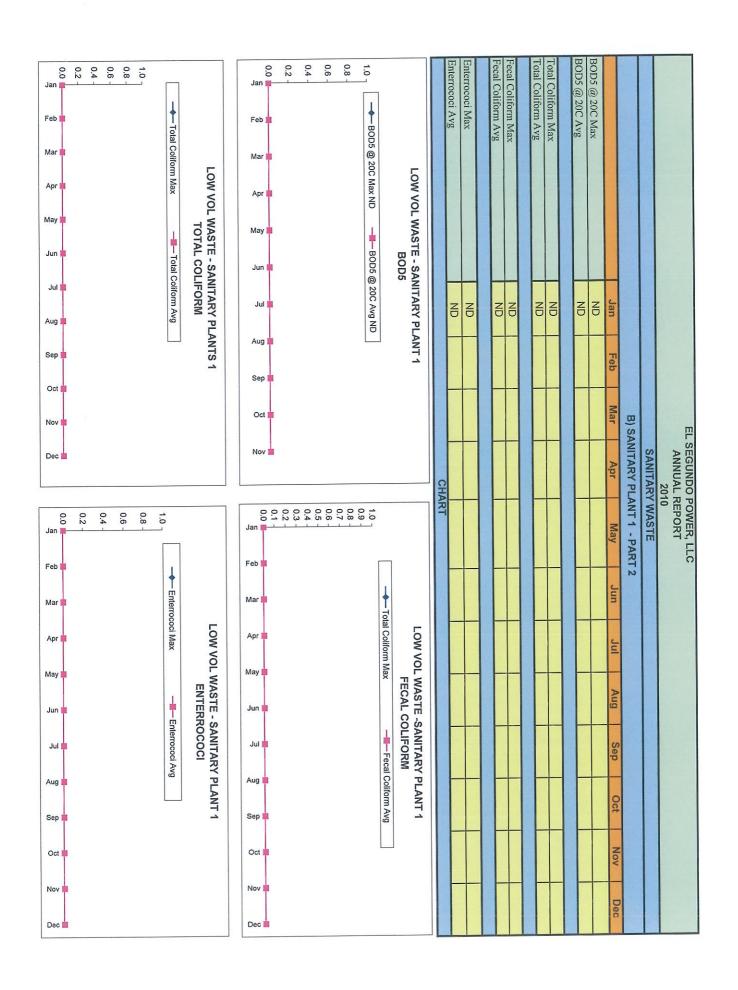
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60.9	66.1	71.1	69.8	74.5	70.6	69.0	64.8	64.2	64.8	76.9	80.5	Temp (Avg) °F
57.6	57.6	61.5	63.3	64.8	64.2	63.8	52.1	60.4	60.8	63.0	62.5	Temp (Min) °F
76.9	87.9	86.7	86.6	113.7	83.8	79.6	79.8	85.9	100.2	94.4	118.9	Temp (Max) °F
112.0	155.6	182.8	165.8	205.5	138.9	124.1	106.1	113.8	20.8	99.6	198.8	Flow (Avg) MGD
95.5	33.2	0.0	66.4	99.6	95.5	99.6	87.2	99.6	0.0	99.6	99.6	Flow (Min) MGD
220.1	398.6	398.6	398.6	390.3	394.4	398.6	170.2	182.7	99.6	99.6	398.6	Flow (Max) MGD
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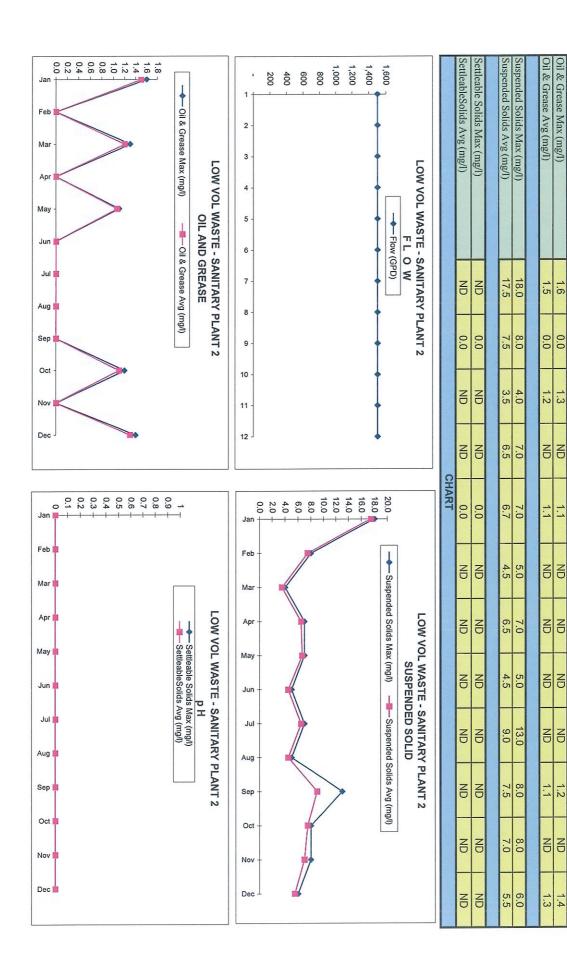












Flow (GPD)

Jan

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C) SANITARY PLANT 2 - PART 1

SANITARY WASTE

EL SEGUNDO POWER, LLC
ANNUAL REPORT

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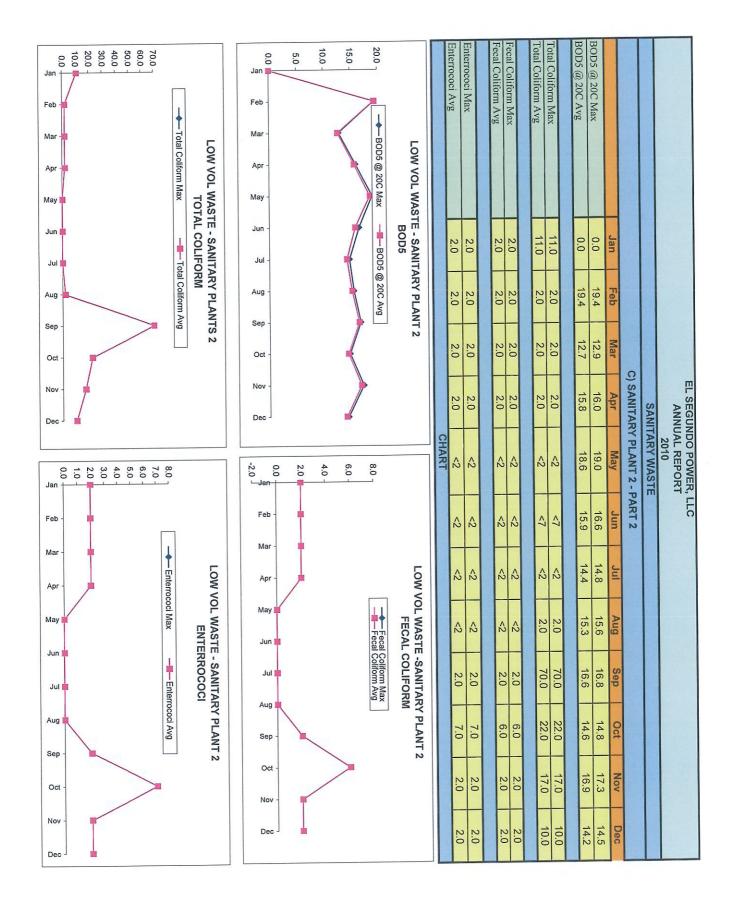
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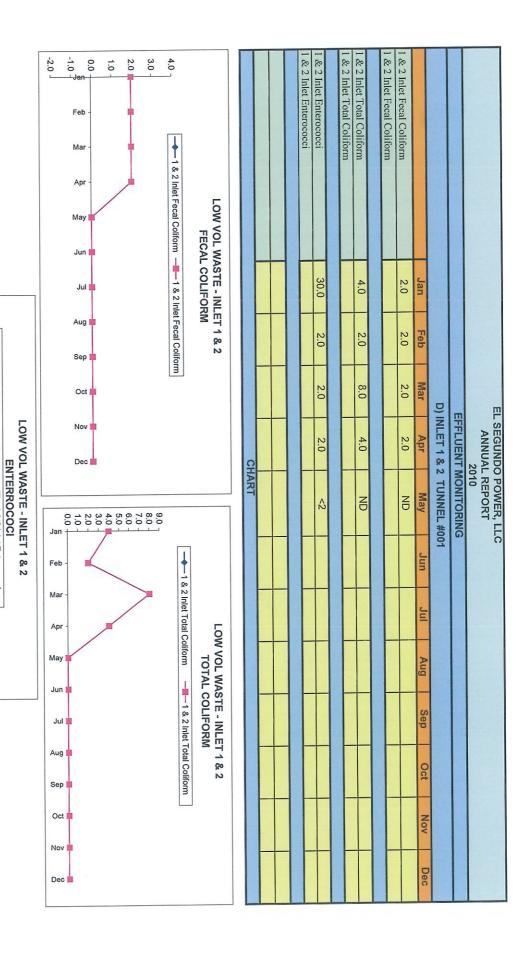
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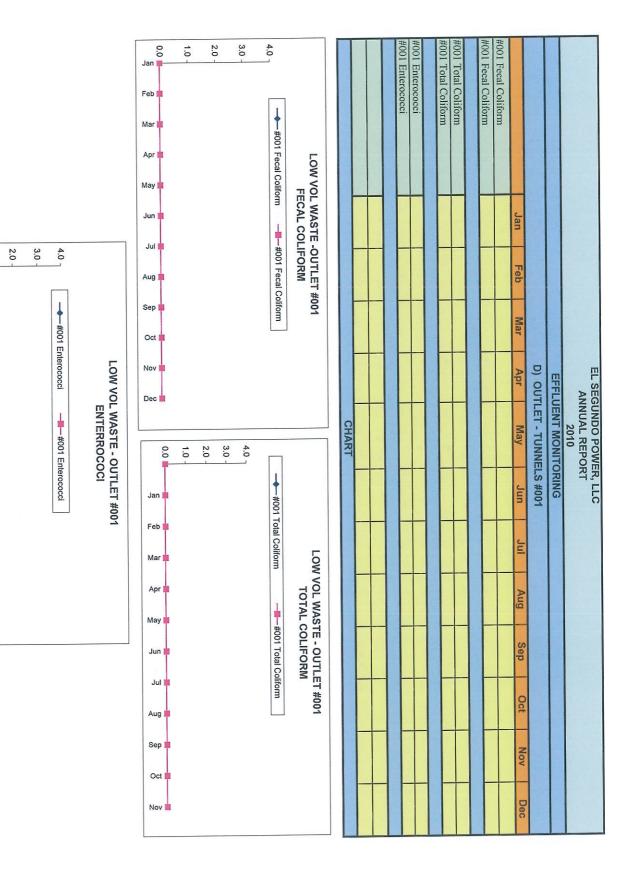
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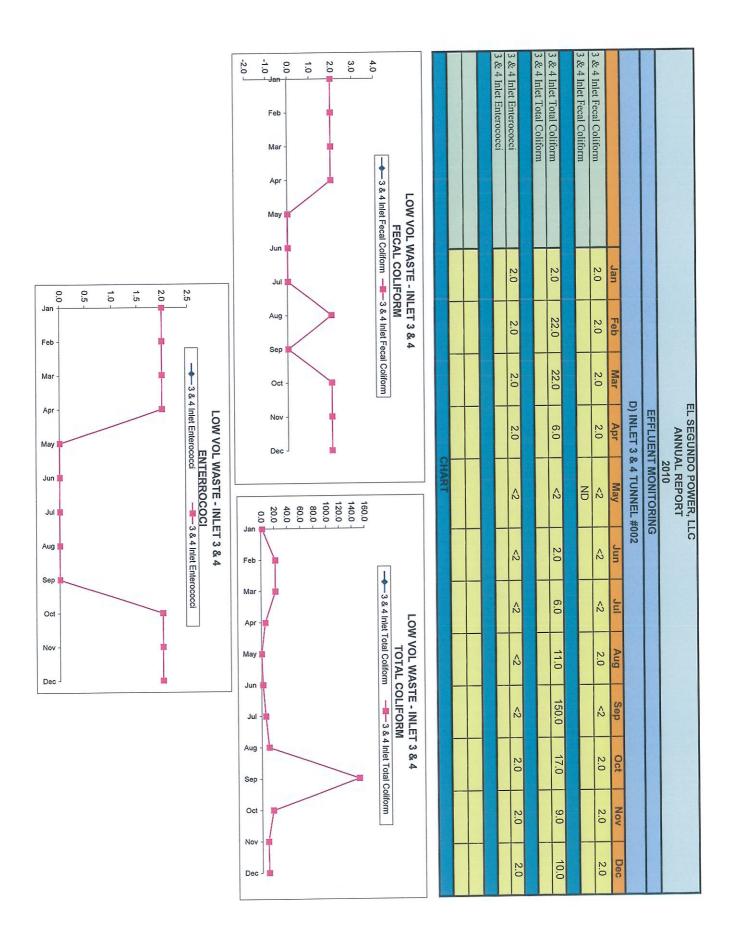
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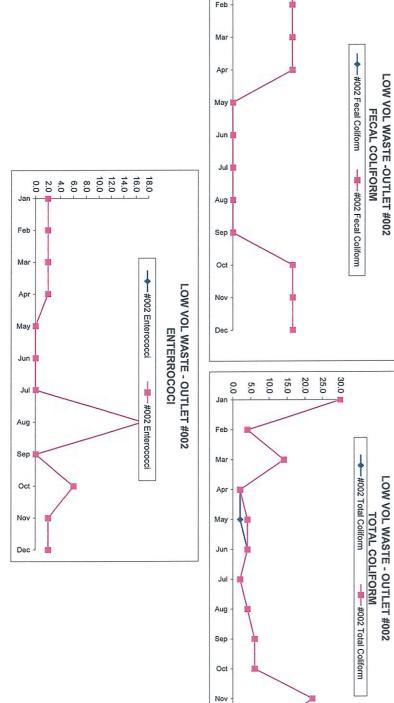
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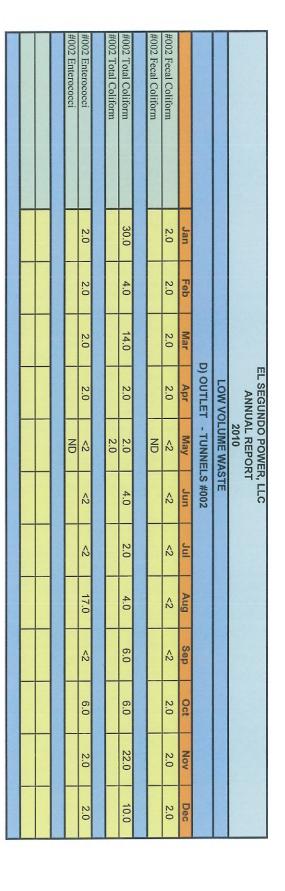
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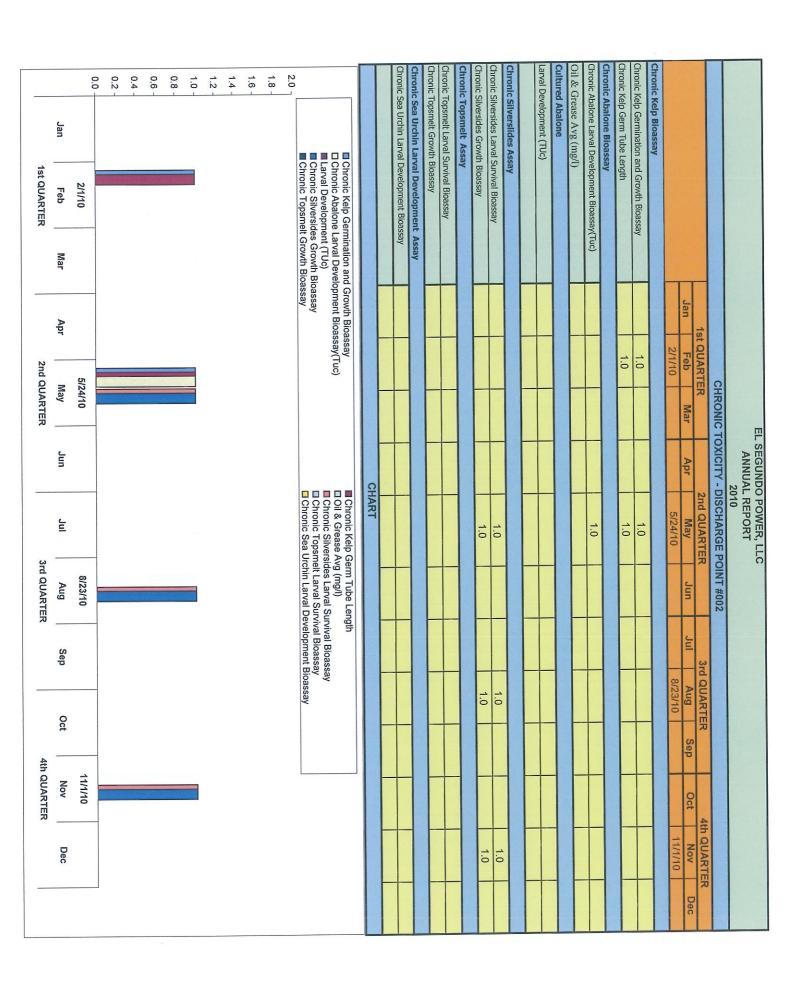
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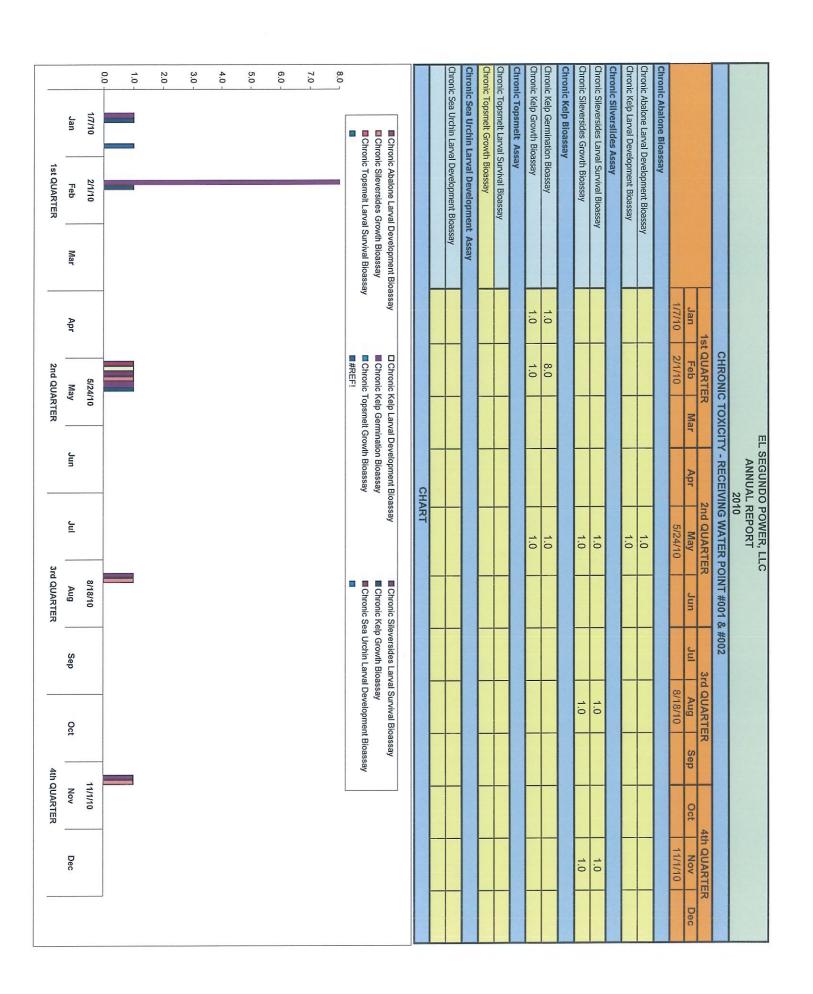
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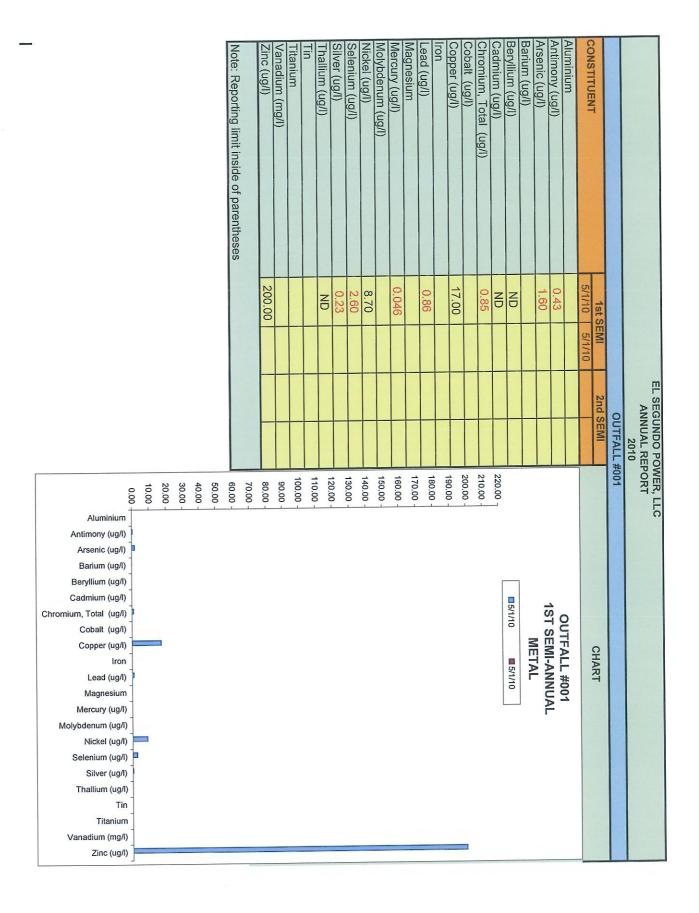
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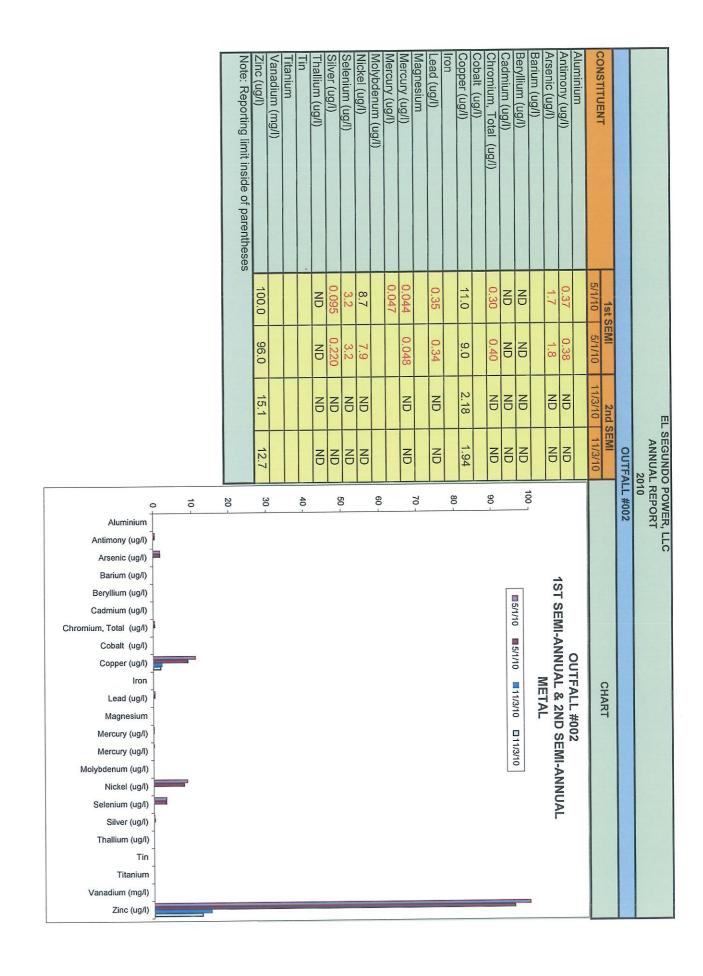


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										say(Tuc)	evelopment Bioas	Chronic Abalone Larval Development Bioassay(Tuc)
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Dec	Oct Nov	Sep 0	Aug :	Jul	Jun	May	Mar Apr		Jan			
RTER	4th QUARTER		3rd QUARTER	3rd	R	2nd QUARTER		1st QUARTER	191			
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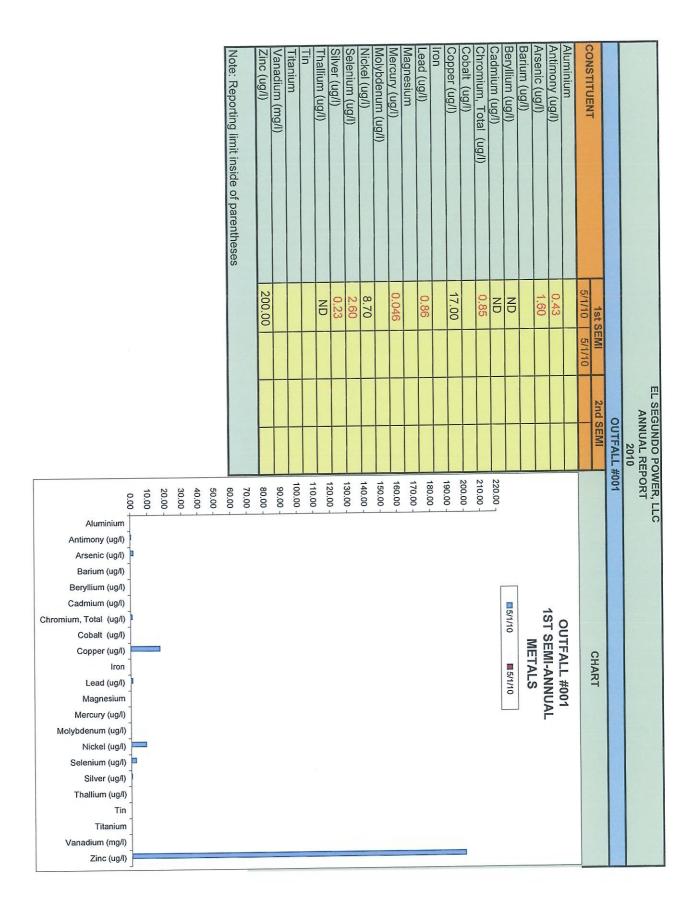


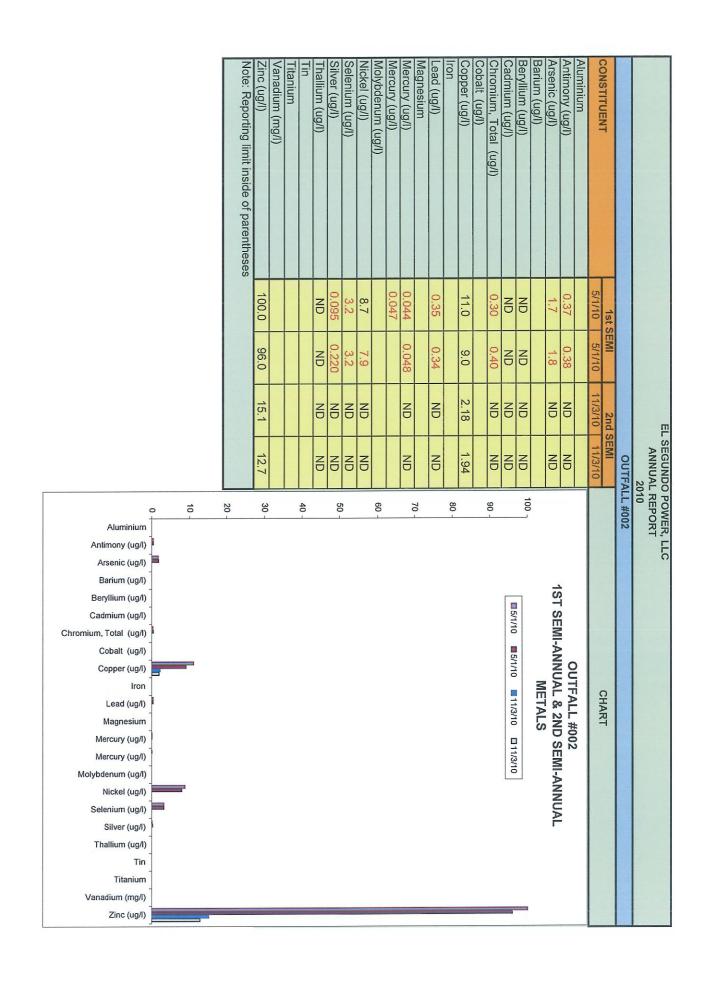


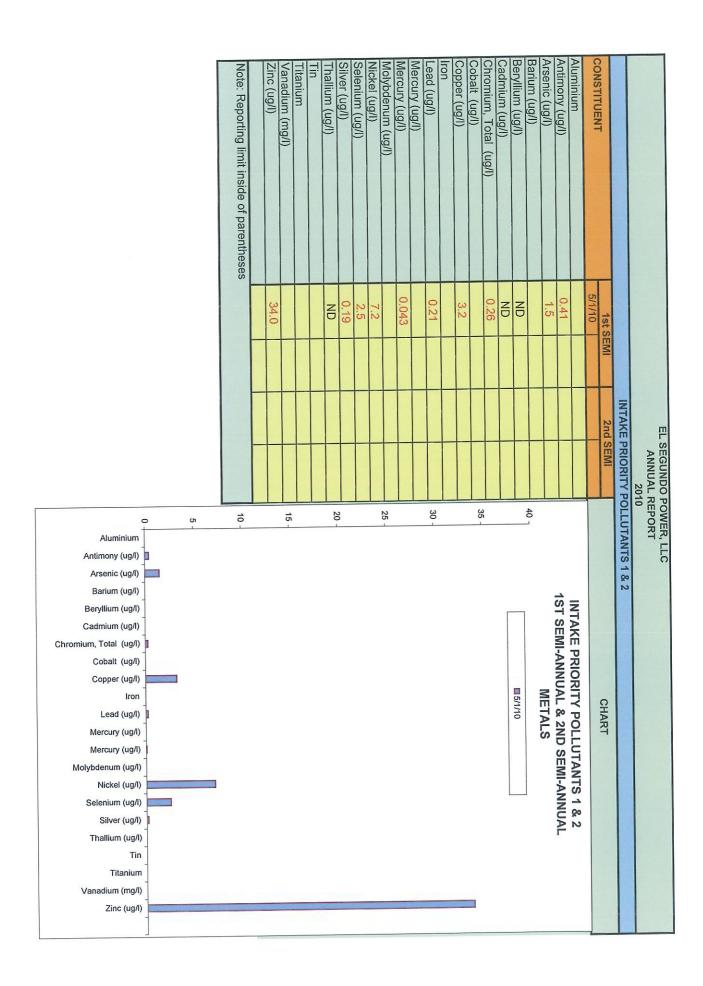


	Note: Reporting limit inside of parentheses	Zinc (ug/l)	Vanadium (mg/l)	Titanium	Thallium (ug/l)	Silver (ug/l)	Selenium (ug/l)	Nickel (ug/l)	Molybdenum (ug/l)	Mercury (ug/l)	Mercury (ug/l)	Lead (ug/l)	Iron	Copper (ug/l)	Cobalt (ug/l)		Cadmium (ug/l)	Banum (ug/l)	Arsenic (ug/l)	Antimony (ug/l)	Aluminium	CONSTITUCINI	CONSTITUENT			
	rentheses	190.0			ND	ND	4.5	8.0		0.047		0.27		4.8		0.23	ND	CN	1.5	0.31		5/1/10	1st SEMI			
		NO.			ND	ND	ND	ND		ND		ND		ND		ND	ND	CN	ND	ND		11/3/10		INTAH		
30 20 0	40	60	70	80	90	100 -	110 -		120	130 -	140 -	-061		160 -	170 -	180 -	190 -	200					SEMI	INTAKE PRIORITY POLLUTANTS 3 & 4	ANNUAL REPORT	EL SEGUNDO POWER, LLC
Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cadmium (ug/l) Chromium, Total (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Nickel (ug/l) Selenium (ug/l) Silver (ug/l) Thallium (ug/l) Tin Titanium Vanadium (mg/l) Zinc (ug/l)			0													5/1/10		1			INTAKE PRIORITY POLLUTANTS 3 & 4		CHART	LUTANTS 3 & 4	POR	OWER, LLC

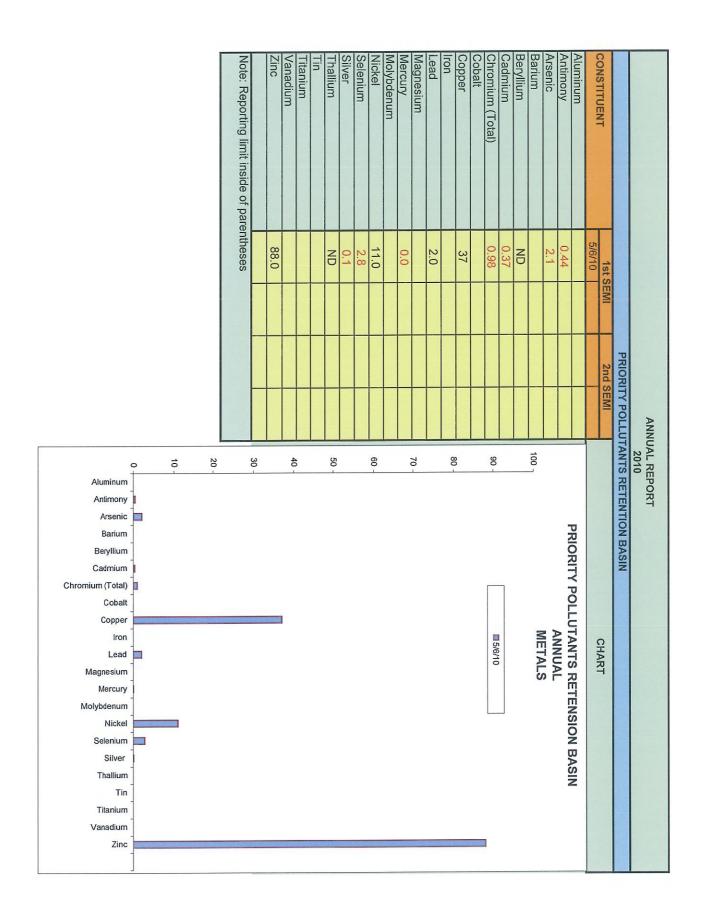
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INTAKE PRIORITY POLLUTANTS 3 & 4 15T SEMI-ANNUAL & 2ND SEMI-AN	INTAKE PRIORITY POLLUTANTS 3 & 4 ST SEMI-ANNUAL & 2ND SEMI-ANN	CONSTITUENT	1st SEMI		MI	CHART
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METAL Manual (ug/) Marcury (ug/) Mercury (ug/) Mercu	Continue Compare Com	Antimony (ug/l)	0.31	ND		INTAKE TRICKITY TOLLOTANTO SQ 4
1 1 1 1 1 1 1 1 1 1	Continue Continue	Arsenic (ug/l)	1.5	ND		IST SEMI-ANNOAL & AND SCHILAMNOAL
Online Compare (ug/l) Copper (ug/l) Co	((i/gi))	Barium (ug/l)			200 7	MEIAL
1	1 1 1 1 1 1 1 1 1 1	Beryllium (ug/l)	ND	ND	190	
Aluminium Antimory (ug/l) Asserium (ug/l) Beryillium (ug/l) Cobalt (ug/l) Copper (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Selerium (ug/l) S	Atuminium Antimony (ug/l) Arsenic (ug/l) Baryllium (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Silver (ug/l)	Cadmium (ug/l)	ND	ND	100	
Aluminium Antimory (ug/l) Arsenic (ug/l) Barium (ug/l) Copper (ug/l) Lead (ug/l) Mercury (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Silver (ug/l)	Aluminium Antimony (ug/l) Arsenic (ug/l) Beryllium (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Nolybdenum (ug/l) Selenium (ug/l) Silver (ug/l) Silver (ug/l) Silver (ug/l) Silver (ug/l)		0.23	ND	180 -	
100 100	Aluminium Antimony (ug/l) Arsenic (ug/l) Beryllium (ug/l) Coaper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Nobelenium (ug/l) Selenium (ug/l)				170 -	
Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cobalt (ug/l) Copper (ug/l) Lead (ug/l) Mercury (ug/l) Selenium (ug/l) Silver (ug/l) Silver (ug/l)	Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Molybdenum (ug/l) Selenium (ug/l) Selenium (ug/l) Silver (ug/l)	Copper (ug/l)	4.8	ND	160 -	
1 (((g/l))	Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cobatt (ug/l) Copper (ug/l) Mercury (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l)	Iron			450	
Opting limit inside of parentheses Opting limit limit inside of parentheses Opting limit inside of parentheses Opt	10 10 10 10 10 10 10 10	Lead (ug/l)	0.27	ND	100	
10 10 10 10 10 10 10 10	Chromium, Total (ug/l) Mercury (ug/l	Mercury (ug/l)			140 -	
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Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cobalt (ug/l) Copper (ug/l) Mercury (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l)	Aluminium Antimony (ug/l) Arsenic (ug/l) Cadmium (ug/l) Cobalt (ug/l) Copper (ug/l) Mercury (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Silver (ug/l)	Molybdenum (ug/l)			120	
Aluminium Antimony (ug/l) Arsenic (ug/l) Beryllium (ug/l) Cobalt (ug/l) Copper (ug/l) Mercury (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Silver (ug/l)	Aluminium Antimory (ug/l) Beryllium (ug/l) Coamium, Total (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Selenium (ug/l) Selenium (ug/l) Selenium (ug/l) Silver (ug/l)	Nickel (ug/l)	8.0	N		
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Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cadmium (ug/l) Cobalt (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Selenium (ug/l) Selenium (ug/l) Silver (ug/l)	Aluminium Antimony (ug/l) Barium (ug/l) Cadmium (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Selenium (ug/l) Silver (ug/l)	Titanium			8	
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Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cadmium (ug/l) Cobalt (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Selenium (ug/l) Silver (ug/l)	Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cadmium (ug/l) Cobalt (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Selenium (ug/l) Silver (ug/l)	ZIIIC (ug/i)	190.0	1	60 -	
Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Beryllium (ug/l) Cadmium (ug/l) Chromium, Total (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Mercury (ug/l) Selenium (ug/l) Silver (ug/l)	Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cadmium (ug/l) Chromium, Total (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Selenium (ug/l) Silver (ug/l)	Note: Reporting limit inside of parenth	eses		50 -	
Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Beryllium (ug/l) Cadmium (ug/l) Cobalt (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Nickel (ug/l) Selenium (ug/l)	Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Beryllium (ug/l) Cadmium (ug/l) Chromium, Total (ug/l) Cobalt (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Nickel (ug/l) Selenium (ug/l)				+0	
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Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Beryllium (ug/l) Cadmium (ug/l) Cobalt (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Nickel (ug/l) Selenium (ug/l)	Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Beryllium (ug/l) Cadmium (ug/l) Chromium, Total (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Nickel (ug/l) Selenium (ug/l)				0 10	
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Bee Ca Chromium	Bee Ca Chromium				2005 15	Arsenic Barium Pryllium dmium , Total Cobalt Lead Lead Hercury Mercury Mercury Nickel
						An B Berr Cade Cade Cade Cade Cade Cade Cade Cade
Cr	Cr					
						Ch







	Note: Reporting limit inside of parentheses	Zinc (ug/l)	Titanium Vanadium (mg/l)	Tin	Thallium (ug/l)	Silver (ug/l)	Selenium (ug/l)	Nickel (ua/l)	Molyhdenum (ua/l)	Mercury (ug/l)	Mercury (ug/l)	Lead (ug/l)	Iron	Copper (ua/l)		Chromium, Total (ug/l)	Cadmium (ug/l)	Beryllium (ug/l)	Barium (ug/l)	Arsenic (ug/l)	Antimony (ug/l)	Aluminium	CONSTITUENT				
	ses	190.0			ND	N	4.5	8.0		0.047		0.27		4.8		0.23	dN	ND		1.5	0.31		5/1/10	1st S			
																								1st SEMI			
		ND			ND	ND	ND	ND		ND		ND		ND		ND	ND	ND		ND	ND		11/3/10	2nd SEMI	INTAH		
																								SEMI	(E PRIORIT	ANNU	EL SEGUNDO POWER,
Aluminium Antimony (ug/l) Arsenic (ug/l) Barium (ug/l) Cadmium (ug/l) Cobalt (ug/l) Copper (ug/l) Iron Lead (ug/l) Mercury (ug/l) Mercury (ug/l) Molybdenum (ug/l) Selenium (ug/l) Silver (ug/l) Tin Titanium Vanadium (mg/l) Zinc (ug/l)	40 -	60 -	70 -	20 4	99	100 -	110 -	120 -		130 -	140 -	150		160 -	170 -		5/1/10 11/3/10	190	200]	METALS	1ST SEMI-ANNUAL	INTAKE PRIORITY POLLUTANTS 3 & 4		CHART	INTAKE PRIORITY POLLUTANTS 3 & 4	ANNUAL REPORT 2010	IO POWER, LLC



		EL SEG	EGUNDO POWER, ANNUAL REPORT 2010	EL SEGUNDO POWER, LLC ANNUAL REPORT 2010	
	0	OUTFALL PRIORITY POLLUTANTS	TY POLLU	TANTS #001 -	PART 1
CONSTITUENT	Date (Date Of Sample	Unit	Frequency of Analuysis	CHART
	5/1/10				
1,1,1-Trichloroethane	ND		ng/I	Annual	
1,1,2,2-Tetrachiroethane	ND		l/gu	Annual	OUTFALL PRIORITY POLLUTANTS #001
1,1,2-Trichloroethane	ND		l/gu	Annual	PARIT
1,1-Dichloroethane	ND		ug/l	Annual	
1,1_Dichloroethene	ND		l/gu	Annual	100
1,2,4-Trichlorobenzene	ND		l/gu	Annual	
1,2-Trans Dichloroethylene	ND		l/gu	Annual	90 -
1,2-Dichlorobenzene	ND		l/gu	Annual	
1,2-Dichloroethane	ND		ug/I	Annual	80
1,2-Diphenylhydrazine	ND		ug/I	Annual	60
1,2-Dichloropropane	ND		l/gu	· Annual	
1,3-Dichlorobenzene	ND		ug/I	Annual	70 -
1,3-Dichloropropylene	ND		l/gu	Annual	
1,4-Dichlorobenezene	ND		ng/I	Annual	60 -
2,3,7,8 TCDD	ND		l/gu	Annual	
2,4,6-Trichlorophenol	ND		ug/I	Annual	3
2,4-Dichlorophenol	ND		l/gu	Annual	50
2,4-Dimethylphenol	ND		ug/I	Annual	
2,4-Dinitrophenol	ND		l/gu	Annual	40 -
2,4-Dinitrotoulene	ND		ug/l	Annual	
2,6-Dinitrotoulene	ND		ug/l	Annual	30 -
2-Chloroethyl Vinyl Ether	ND		ug/I	Annual	
2-Chloronapthalene	ND		ug/l	Annual	
2-Chlorophenol	ND		ug/I	Annual	20 -
2-Nitrophenol	ND		ug/I	Annual	
3,3'-Dichlorobenzidine	ND		ug/I	Annual	10 -
4,6-Dinitiro-2-Methylphenol	ND		ug/l	Annual	
4-Bromophenyl-Phenyl Ether	ND		ug/I	Annual	0
4-Chloro-3-Methylphenol	ND		ug/I	Annual	ne ine ine ine ine ine ine ine ine ine i
4-Chlorophenyl-Phenyl Ether	ND		ng/l	Annual	ethaaethaaethaeetheetheetheetheetheethee
4-Nitrophenol	ND		ug/I	Annual	oroe oroe oroe oroe oroe orop ben 7,8 orop ben 7,8 orop ittrot trot trot trot trot trot trot tr
4,4'-DDD	ND		ug/I	Annual	ichlichlichlichlichlichlichlichlichlichl
4,4'-DDE	ND		ug/l	Annual	2-Tr 1-D 1 Dic 1 Dic 1 Dic 2-Dic 2-Dich 6-Tr 2-4-D 2-4-Dich 2-4-Dich 2-4-Dich 0-2-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0
4,4'DDT	N		ug/I	Annual	1, 1, 2,4- ans 1,2- 1,2- 1,3- 1,3- 2,4- 2,2,
Note: Reporting limit inside of parentheses					2-C
Note: Reporting limit inside of parentheses					

		OUTFALL	PRIORITY PO	OLLUTANTS #0	1 - PART 2
		OUTFALL	PRIORITY PO	OUTFALL PRIORITY POLLUTANTS #001 - PART	1 - PART 2
CONSTITUENT	Dat	Date Of Sample	Unit	Frequency of Analuysis	CHART
	5/1/10				
Acenaphthene	ND		l/gu	Annual	
Acenaphthylene	ND		l/gu	Annual	OUTFALL PRIORITY POLLUTANTS #001
Acrolein	ND		l/gu	Annual	PART 2
Acrylonitrile	R		ug/l	Annual	100 7
Aldrin	R		ug/I	Annual	
Alpha-BHC	ND		ug/l	Annual	
Alpha Endosulfan	ND		l/gu	Annual	90
Anthracene	ND		ug/l	Annual	
Arochlor-1248	ND		l/gu	Annual	80 -
Arochlor-1254	ND		l/gu	Annual	
Arochlor-1016	ND		l/gu	Annual	70
Arochlor-1221	ND		l/gu	Annual	č
Arochlor-1232	ND		ug/l	Annual	
Arochlor-1242	ND		l/gu	Annual	60 -
Arochlor-1260	ND		l/gu	Annual	
Benzene	ND		l/gu	Annual	50 -
Benzidine	ND		ug/I	Annual	
Benzo (a) Anthracene	ND		ug/I	Annual	20
Benzo (a) pyrene	ND		ug/l	Annual	ż
Benzo (b) Fluoranthene	N		l/gu	Annual	
Benzo (g,h,i) Perylene	ND		ug/I	Annual	30 -
Benzo (k) Fluoranthene	ND		ug/I	Annual	
Beta-BHC	ND		ug/l	Annual	20 -
Beta Endosulfan	S		ug/l	Annual	
Bis (2-chloroEthoxy)methane	ND		l/gu	Annual	10
bis(2-chloroethyl)ether	ND		l/gu	Annual	ā
bis(2 ethyhexyl) phthalate	ND		ug/l	Annual	
Bis(2-Chloroisopropyl) Ether	ND		l ug/l	Annual	
Bromodichloromethane	ND		ug/l	Annual	rlener lener
Bromoform	ND D		ug/I	Annual	nthyyAcrophothyperhology of the control of the cont
Butyl-Benzyl Phthalate	ND		ug/l	Annual	Acre Alp Ence Antioochilochilochilochilochilochilochiloch
1,2-Dichloroethane	ND		ug/l	Annual	oha Arc
c-1,3-Dichloropropene	ND		l/gu	Annual	All Bezo (K BoroE 2-cl thyloroi nodi yl-B 1,2- 3-Di
Carbon Tetrachloride	ND		l/gu	Annual	chlo bis((2 e Chlo Bron Buty
Note: Reporting limit inside of parentheses					Bis (2- bis Bis(2-

	HEAL PRIOR	וווס אדוט	LOUR STINGT	PART
0	UTFALL PRIOR	NITY POLL	.UTANTS #001	- PART 3
Date Of San	nple		Frequency of Analuysis	CHART
5/1/10				
ND		ug/l	Annual)
ND		ug/l	Annual	OUTFALL PRIORITY POLLUTANTS #001
ND		ug/I	Annual	PAR 3
ND		ug/l	Annual	100 ¬
ND		ng/l	Annual	
ND		ng/l	Annual	
ND		ng/l	Annual	90 -
ND		ng/l	Annual	
ND		ug/l	Annual	20
ND		ug/l	Annual	
ND		ug/l	Annual	
N		ug/l	Annual	70 -
ND		ug/l	Annual	
8		ug/l	Annual	
S		ug/l	Annual	
2		lg/l	Annual	
32		ug/l	Annual	50 -
Si		ug/l	Annual	
R		ug/l	Annual	40 -
ND		ug/l	Annual	
ND		ug/l	Annual	
ND		ug/l	Annual	6
NB		ug/l	Annual	
ND		ug/l	Annual	20 -
ND		ug/i	Annual	
ND		ng/l	Annual	
ND		ug/l	Annual	5
N		ug/l	Annual	
ND		ug/l	Annual	
N		ug/l	Annual	ane rm ane inde inde inde inde inde inde inde in
ND		ug/l	Annual	etharofo eth
ND		ug/l	Annual	Chille Control
ND		ug/l	Annual	Chlochlor Dorob ethylethylethylethylethylethylethylethyl
				Dichlo Dim Di-n-l End End End Hept Hexa Hexa Hexa Hexa
	Date Of Sa	Date Of Sa	Date Of Sa	Date Of Sample Unit Ug/I Annual Ug/I

	OUTFALL	PRIORITY P	AL REPORT 2010 OLLUTANTS	#001 - PART 4
Date O	f Sample	Unit	Frequency of Analuysis	CHART
5/1/10				
ND		ug/l	Annual	
ND		ug/l	Annual	OUTFALL PRIORITY POLLUTANTS #001
ND		l/gu	Annual	FARI 4
ND		ug/l	Annual	100 7
ND		ug/l	Annual	
ND		ug/l	Annual	3
ND		ug/l	Annual	
ND		ug/l	Annual	
ND		ug/I	Annual	80 -
S C		ng/l	Annual	
3		ug/l	Annual	70 -
ND i		ug/l	Annual	
ND		l/gu	Annual	60 -
ND		l/gu	Annual	
8		l/gu	Annual	50 -
3		ng/l	Annual	
		19/1	Annual	40-
No de		ug/I	Annual	
ND		ug/I	Annual	30 -
ND		ug/I	Annual	
ND		ug/I	Annual	20 -
ND		ug/l	Annual	
				10 -
				Methylene chloride Methyl Bromide Methyl-tert-Butyl Ether m-Dichlorobenzene Napthalene Nitrosodimethylamine oso-di-n-prophylamine o-Dichlorobenzene p-Dichlorobenzene p-Dichlorobenzene p-Dichlorobenzene p-Dichlorobenzene p-Dichlorobenzene p-Dichlorobenzene t-1,2-Dichloroethene t-1,3-Dichloropropene Tetrachloroethane Toluene Toxaphene Trichloroethene Vinyl Chloride
	150			
		Date Of Samp	Date Of Samp	Date Of Sample Unit Ug/I Ug/I Ug/I Ug/I Ug/I Ug/I Ug/I Ug/I

			ANN		DO BART
		UO	OUTFALL PRIORITY		POLLUTANTS #002- PART 1
CONSTITUENT	Da	Date Of Sample	Unit	Frequency of Analuysis	СНАВТ
	5/1/10				
1,1,1-Trichloroethane	ND		l/gu	Annual	
1,1,2,2-Tetrachiroethane	ND		ug/I	Annual	OUTFALL PRIORITY POLLUTANTS #002
1,1,2-Trichloroethane	ND		l/gu	Annual	FARIT
1,1_Dichloroethane	ND		l ug/l	Annual	5/1/10
1,1_Dichloroethene	ND		l/gu	Annual	100
1,2,4-Trichlorobenzene	ND		l/gu	Annual	
1,2-Dichlorobenzene	ND		l/gu	Annual	90 -
1,2-Dichloroethane	ND		l/gu	Annual	
1,2-Diphenylhydrazine	ND		ug/I	Annual	3
1,2-Trans Dichloroethylene	ND		l/gu	Annual	80
1,2-Dichloropropane	ND		ug/l	Annual	
1.4-Dichlorobenzene	ND		ug/I	Annual	70 -
1,3-Dichlorobenzene	ND		l/gu	Annual	
1,3-Dichloropropylene	ND		l ug/l	Annual	60
2,3,7,8 TCDD	ND		ng/l	Annual	8
2,4,6-Trichlorophenol	ND		ug/l	Annual	
2,4'-DDD	ND		ug/l	Annual	50 -
2,4'-DDE	ND		ug/l	Annual	
2,4'-DDT	ND		ug/l	Annual	40
2,4-Dichlorophenol	ND		l/gu	Annual	**
2,4-Dimethylphenol	ND		l/gu	Annual	
2,4-Dinitrophenol	ND		ug/I	Annual	30 -
2,4-Dinitrotoulene	ND		ug/l	Annual	
2,6-Dinitrotoulene	ND		ug/l	Annual	20 -
2-Chloroethyl Vinyl Ether	ND		ng/l	Annual	
2-Chloronapthalene	ND		ng/I	Annual	
2-Chlorophenol	ND		l/gu	Annual	10
2-Nitrophenol	ND		ng/I	Annual	
3,3'-Dichlorobenzidine	ND		ng/I	Annual	
4,4'-DDD	ND		ng/l	Annual	ane ane ene ene ene ene ene ene ene ene
4,4'-DDE	ND		ug/I	Annual	pethoeth bethoeth bet
4,4-DDT	ND		l/gu	Annual	chlrodilorod
4,4'-DDE	ND		ug/I	Annual	trace richtopichlo
4,4'DDT	ND		l/gu	Annual	2-Te ,2-Te ,1_[,1_[,1_[,1_[]]]] ,1_[],1_[]] 1,2-[] 1,2-[] 1,2-[] 1,2-[] 1,2-[] 1,2-[] 1,2-[] 1,2-[] 2,4-[] 2,4-[] 2,4-[] 2,4-[] 2,4-[] 2,4-[] 2,4-[] 2,4-[] 2,4-[] 2,4-[]
Nata: Danadina limit incide of narenthe	330				1,1,2, 1,2, 1,2, 1,2, 1,1,2 1,1,1,3 2,4
4,4'DDT Note: Reporting limit inside of parentheses	ses		ug/l	Annual	1,1,1-Tri 1,1,2,2-Tetn 1,1,2-Tri 1,1_Di 1,1_Di 1,2-Dich 1,2-Dich 1,2-Diphe 1,2-Diphe 1,2-Dich 1,3-Dich 1,3-Dich 1,3-Dich 2,4,6-Tri

		OUTFALL F	RIORITY PO	2010 OUTFALL PRIORITY POLLUTANTS #002- PART	102- PART 2
CONSTITUENT	Da	Date Of Sample		Frequency	
	5/1/10		O. I.		
4,6-Dinitiro-2-Methylphenol	ND		ug/I	Annual	
4-Bromophenyl-Phenyl Ether	ND		ng/l	Annual	OUTFALL PRIORITY POLLUTANTS #002
4-Chloro-3-Methylphenol	ND		ug/l	Annual	PART 2
4-Chlorophenyl-Phenyl Ether	ND		ug/l	Annual	5/1/10
4-Nitrophenol	ND		l/gu	Annual	100
Acenaphthene	ND		l/gu	Annual	
Acenaphthylene	ND		l ug/l	Annual	000
Acrolein	ND		l/gu	Annual	•
Acrylonitrile	ND		l/gu	Annual	
Aldrin	ND		l/gu	Annual	80
Alpha-BHC	ND		l/gu	Annual	
Alpha-Endosulfan	ND		l/gu	Annual	70 -
Anthracene	ND		ug/I	Annual	
Arcotor 1248	ND		ug/l	Annual	3
Arcotor 1254	ND		ug/l	Annual	60 -
Aroctor-1016	ND		l/gu	Annual	
Aroctor-1221	ND		l/gu	Annual	50 -
Aroctor-1232	ND		l/gu	Annual	
Aroctor-1242	ND		l/gu	Annual	
Aroctor-1260	ND		l ug/l	Annual	40 -
Benzene	ND		l/gu	Annual	
Benzidine	ND		l/gu	Annual	30 -
Benzo (a) Anthracene	ND		l/gu	Annual	
Benzo (a) pyrene	ND		l/gu	Annual	20
Benzo (b) Fluoranthene	ND		l/gu	Annual	20
(g, h	ND		ug/I	Annual	
Benzo (k) Fluoranthene	ND		l/gu	Annual	10 -
Beta-BHC	ND		l/gu	Annual	
Beta-Endosulfan	ND		ug/l	Annual	
Bis (2-chloroEthoxy)methane	ND		ug/I	Annual	enol enyl enol enyl enol enyl enol enel enel enel enel enel enel element enel enel enel enel enel enel enel e
his(2 ethyheyyl) phthalate	25		1,61	Annual	hthyylon Acroylon Aha-l ha-l ha-l ha-l hor-1 tor-1 tor-1 tor-2 enzi enzi enzi enzi enzi enzi hrac Bii nyl)e
Bromochloromethane	N		ug/l	Annual	Ac Alipa-Err Androco (Aroco Aroco Aroco Aroco Aroco (Aroco Aroco Aroco Aroco (Aroco Aroco Aroco Aroco (Aroco Aroco Aroco (Aroco Aroco (Aroco Aroco (Aroco Aroco (Aroco (Ar
Bromoform	ND		l/gu	Annual	o (a Ben. (b) Beta chick
Bromomethane	ND		l/gu	Annual	Asenz nzo enz nzo
Butvl-Benzvl Phthalate	ND		l/gu	Annual	Be Be Be

	0	OUTFALL PRIORITY	ITY POLLUTANTS	TS #002- PART 3
CONSTITUENT	Date Of Sample	Unit	Frequency of Analuysis	CHART
	5/1/10			
c-1,3-Dichloropropene	ND	l/gu	Annual	
Carbon Tetrachloride	ND	l/gu	Annual	OUTFALL PRIORITY POLLUTANTS #002
Chlordane	ND	l/gu	Annual	PARI 3
Chlorethane	ND	ug/I	Annual	100 7
Chloroform	ND	ug/I	Annual	
Chloromethane	ND	ug/I	Annual	Const.
Chlorobenzene	ND	l/gu	Annual	90 -
Chorodibromo methane	ND	ug/l	Annual	
Chrysene	ND	ug/I	Annual	80
Cyanide	ND	ug/I	Annual	8
Delta-BHC	ND	l/gu	Annual	
Dibromochloromethane	ND	ug/I	Annual	70 -
Dieldrin	ND	l/gu	Annual	
Diethyl Pthalate	ND	ug/l	Annual	3
Dimethyl Phthalate	ND	ug/l	Annual	50
Di-n-Butyl Phthalate	ND	ug/I	Annual	
Di-n-Octyl Phthalate-	ND	ug/I	Annual	50 -
Endosulfan Sulfate	ND	ng/l	Annual	
Endrin	ND	ug/l	Annual	
Endrin Aldehyde	ND	ug/I	Annual	40 -
Ethylbenzene	ND	ug/I	Annual	
Fluoranthene	ND	ug/I	Annual	30
Fluorene	ND	l/gu	Annual	56
Gamma-BHC	ND	l/gu	Annual	
Heptachlor	ND	ug/I	Annual	20 -
Heptachlor Epoxide	ND	ug/l	Annual	
Hexachlorobutadiene	ND	l/gu	Annual	
Hexachlorobenzene	ND	ug/I	Annual	5
Hexachlorocyclopentadiene	ND	ug/l	Annual	
Hexachloroethane	ND	ug/l	Annual	
Indeno (1,2,3-c,d) Pyrene	ND	ug/l	Annual	oride lane lane lane lane lane lane lane lan
Isophorone	ND	ug/l	Annual	achlord hlord hlord henz meth hhrys Cya elta-E meth Die Phtha Phtha h Su Er kldel benz anth Eluo ma-E ptae Eptae Eptae Eptae pop
Methoxychlor	ND	ug/l	Annual	Cetra Chicker Children
Methylene chloride	ND	l/gu	Annual	Chi Childibro
Methyl-tert-Butyl Ether	ND	ug/l	Annual	oroco Di- Di- Di- Di- He Hex He Hex
m-Dichlorobenzene	ND	l/gu	Annual	Cho Dibb
Note: Reporting limit inside of parentheses	ntheses			F

		Note: Reporting limit inside of parentheses	Xylenes	Vinyl Chloride	Trichloroethylene	Trichloroethene	Toxaphene	Toluene	t-1,3-Dichloropropene	t-1,2-Dichloroethene	Pyrene	Phenol	Phenanthrene	Pentachlorophenol	p/m-Xylene	p-Dichlorobenzene	o-Xylene	o-Dichlorobenzene	N-Nitrosodiphenylamine	N-Nitroso-di-n-prophylamine	N-Nitrosodimethylamine	Nitrobenzene	Naphthalene		CONSTITUENT			
		SS	ND	ND	ND	ND	8	3 3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N	NS	N	ND	5/1/10	D			
																									Date Of Sample	TUO		
			ug/I	ug/I	ng/l	ug/l	ug/l	ug/l	ug/l	ug/l	l/gu	l/gu	l/gu	ug/I	l/gu	ng/l	l/gu	l/gu	ug/l	ug/l	l/Q/I	ug/l	l/gu		Unit	OUTFALL PRIORITY POLLUTANTS #002 - PART 4		EL SEGUI
			Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual		Frequency of Analuysis	POLLUTANTS	2010	EL SEGUNDO POWER, LLC ANNUAL REPORT
Naphthalene Nitrobenzene N-Nitrosodimethylamine N-Nitrosodinethylamine N-Nitrosodiphenylamine o-Dichlorobenzene o-Xylene p-Dichlorobenzene p/m-Xylene Pentachlorophenol Phenanthrene Phenol Pyrene t-1,2-Dichloroethene t-1,3-Dichloropropene Tetrachloroethene Toluene Toxaphene Trichloroethylene Vinyl Chloride Xylenes	10 -	3	30		40 -		8		5	200		70 -		800	3		90		100]		PART 4	OUTFALL PRIORITY POLLUTANTS #002			CHART	#002 - PART 4		LLC





CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

AQUATIC BIOASSAY & CONSULTING LABORATORIES, INC.

29 NORTH OLIVE STREET VENTURA, CA 93001

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

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

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

Certificate No.: 1907

Expiration Date: 07/31/2011

Effective Date: 07/01/2009

Richmond, California subject to forfeiture or revocation George C. Kulasingam, Ph.D./Chief

Environmental Laboratory Accreditation Program Branch



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



AQUATIC BIOASSAY & CONSULTING LABORATORIES, INC.

29 NORTH OLIVE STREET VENTURA, CA 93001

Phone: (805) 643-5621

Certificate No.: 1907 Renew Date: 7/31/2011

Field of	Testing	: 108 - Inorganic Chemistry of Wastewater	
108.490	001	рН	SM4500-H+B
Field of	Testing	: 113 - Whole Effluent Toxicity of Wastewater	
113.010		Fathead Minnow (P. promelas)	EPA 600/4-90/027F, Static
113.010	001B	Fathead Minnow (P. promelas)	EPA 600/4-90/027F, Static Renewal
113.010	003A	Rainbow trout (O. mykiss)	EPA 600/4-90/027F, Static
113.010	003B	Rainbow trout (O. mykiss)	EPA 600/4-90/027F, Static Renewal
113.010	005A	Daphnid (C. dubia)	EPA 600/4-90/027F, Static
113.010	005B	Daphnid (C. dubia)	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 (A. affinis)	EPA 600/4-90/027F, Static
113.010	008B	Topsmelt (A. affinis)	EPA 600/4-90/027F, Static Renewal
113.010	009A	Silverside (Menidia spp.)	EPA 600/4-90/027F, Static
113.010	009B	Silverside (Menidia spp.)	EPA 600/4-90/027F, Static Renewal
113.010	012A	Mysid (M. bahia)	EPA 600/4-90/027F, Static
113.010	012B	Mysid (M. bahia)	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
113.022	003A	Rainbow trout (O. mykiss)	EPA 2019 (EPA-821-R-02-012), Static
113.022	003B	Rainbow trout (O. mykiss)	EPA 2019 (EPA-821-R-02-012), Static Renewal
113.023	005A	Daphnid (C. dubia)	EPA 2002 (EPA-821-R-02-012), Static
113.023	005B	Daphnid (C. dubia)	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 (Menidia spp.)	EPA 2006 (EPA-821-R-02-012), Static
113.025	009B	Silverside (Menidia spp.)	EPA 2006 (EPA-821-R-02-012), Static Renewal
113.027	012A	Mysid (M. bahia)	EPA 2007 (EPA-821-R-02-012), Static
113.027	012B	Mysid (M. bahia)	EPA 2007 (EPA-821-R-02-012), Static Renewal
113.028	A800	Topsmelt (A. affinis)	EPA-821-R-02-012, Static
113.028	008B	Topsmelt (A. affinis)	EPA-821-R-02-012, Static Renewal
113.040	001	Fathead Minnow (P. promelas)	EPA 1000 (EPA/600/4-91/002)
113.041	001	Fathead Minnow (P. promelas)	EPA 1000 (EPA-821-R-02-013)
113.050	005	Daphnid (C. dubia)	EPA 1002 (EPA/600/4-91/002)
113.051	005	Daphnid (C. dubia)	EPA 1002 (EPA-821-R-02-013)
113.060	020	Green algae (S. capricornutum)	EPA 1003 (EPA/600/4-91/002)

Certificate No

1907

Renew	Date:	7/31/2011

113.061	020	Green algae (S. capricornutum)	EPA 1003 (EPA-821-R-02-013)
113.080	009	Silverside (Menidia spp.)	EPA 1006 (EPA/600/4-91/003)
113.081	009	Silverside (Menidia spp.)	EPA 1006 (EPA-821-R-02-014)
113.090	012	Mysid (M. bahia)	EPA 1007 (EPA/600/4-91/003)
113.091	012	Mysid (M. bahia)	EPA 1007 (EPA-821-R-02-014)
113.120	800	Topsmelt (A. affinis)	EPA 600/R-95/136
113.120	014	Pacific oyster (C. gigas)	EPA 600/R-95/136
113.120	015D	Sand dollar (D. excentricus)	EPA 600/R-95/136, Fertilization Test
113.120	015E	Sand dollar (D. excentricus)	EPA 600/R-95/136, Development Test
113.120	017D	Purple sea urchin (S. purpuratus)	EPA 600/R-95/136, Fertilization Test
113.120	017E	Purple sea urchin (S. purpuratus)	EPA 600/R-95/136, Development Test
113.120	019	Mussels (Mytilus spp.)	EPA 600/R-95/136
113.120	022	Giant kelp (M. pyrifera)	EPA 600/R-95/136
113.120	023	Red abalone (H. rufescens)	EPA 600/R-95/136
Field of	Testing	: 119 - Toxicity Bioassay of Hazardous Waste	
119.010	001	Fathead Minnow (P. promelas)	Polisini & Miller (CDFG 1988)
119.010	003	Rainbow trout (O. mykiss)	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 E. coli	SM9223
126.080	001	Enterococci	IDEXX