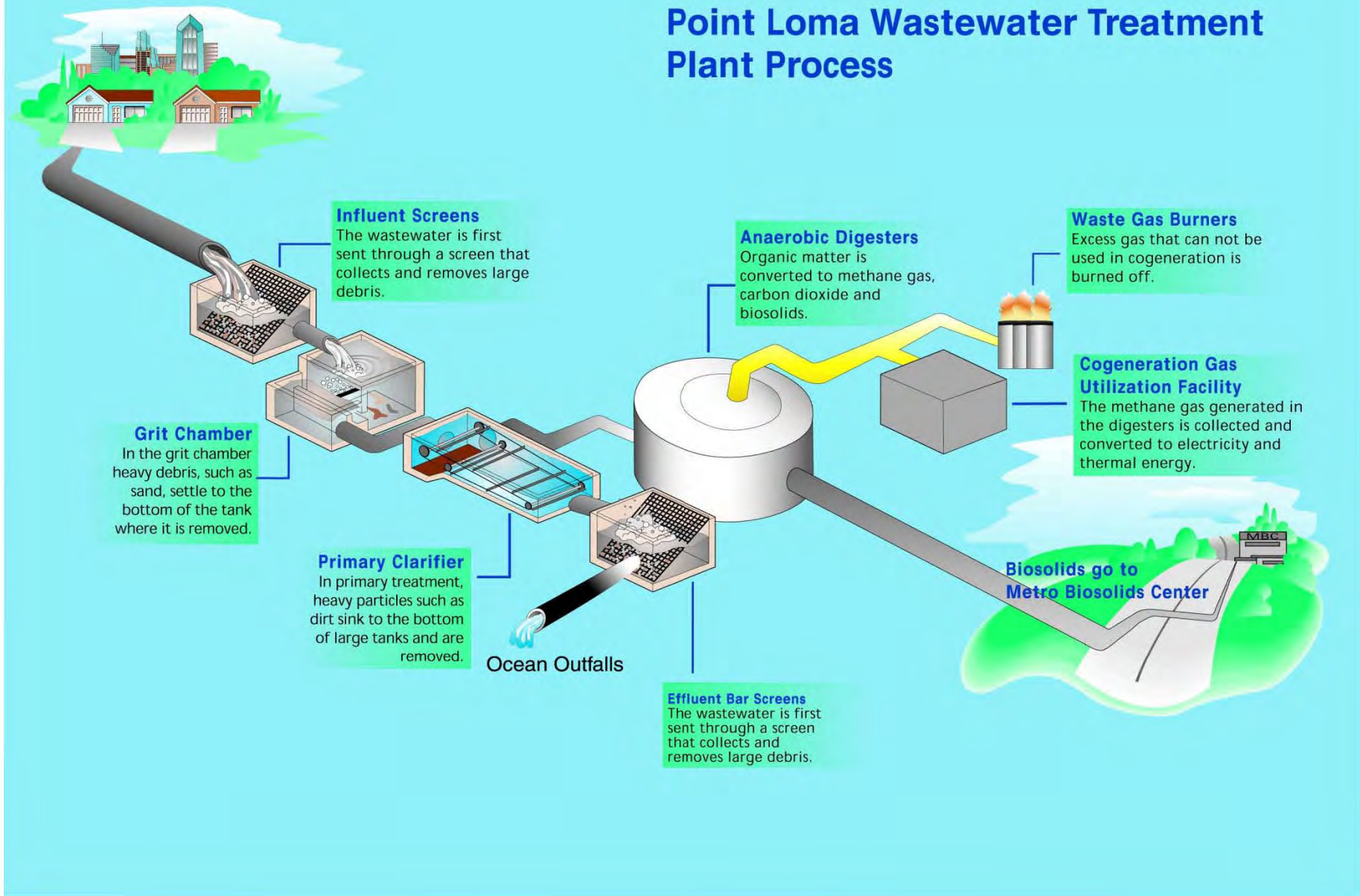
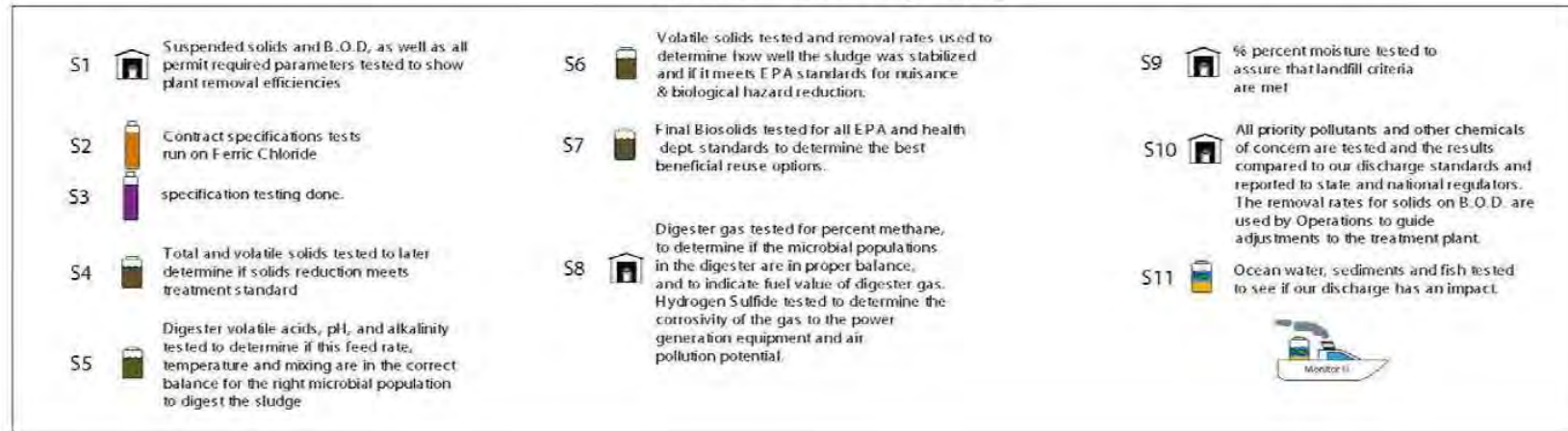


Point Loma Wastewater Treatment Plant Process



POINT LOMA TREATMENT PLANT PROCESS FLOW DIAGRAM

Wastewater Laboratory Testing



Pump Station 1



Pump Station 2



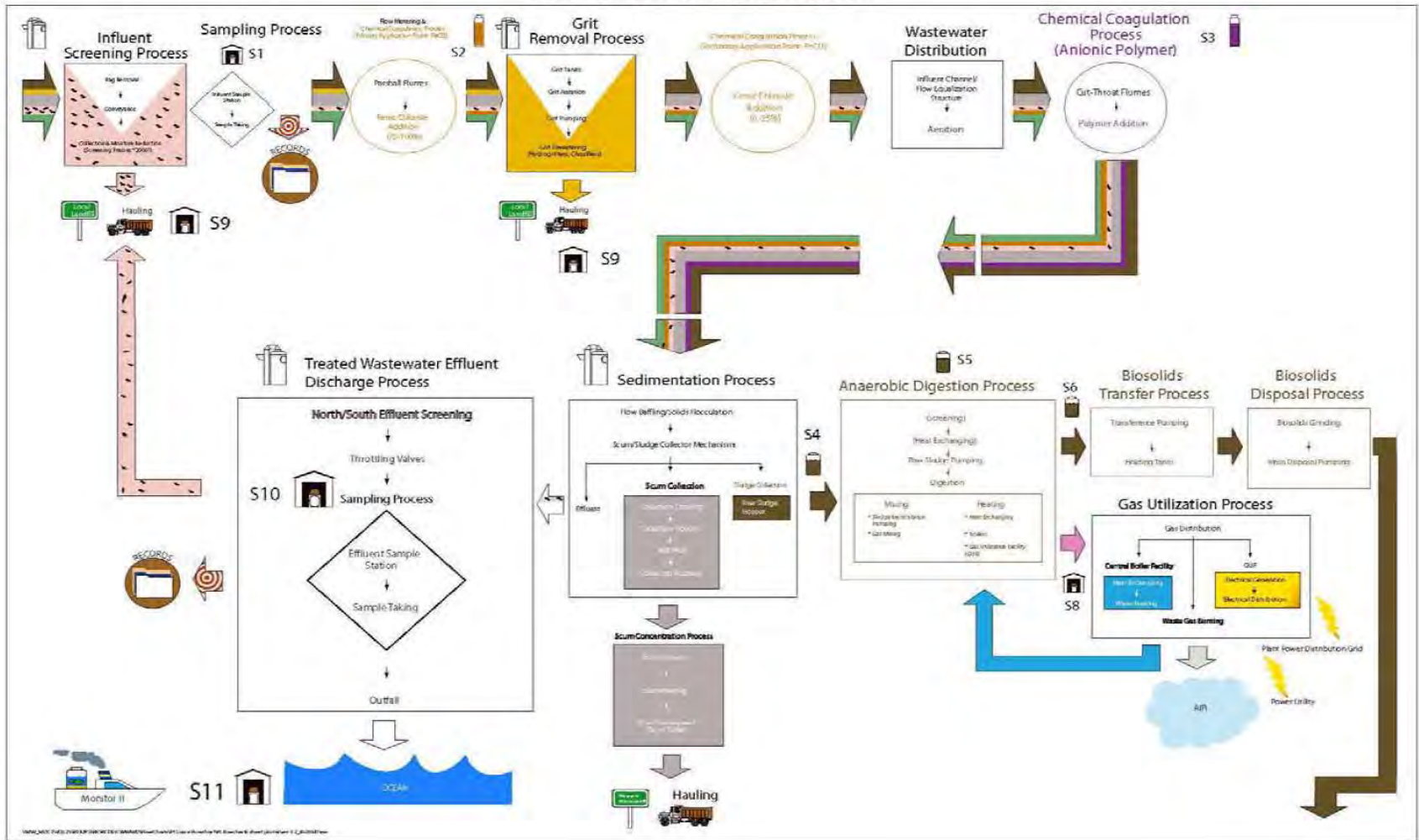
Legend



Odor Removal Process



Point Loma Wastewater Treatment Plant



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- III. Plant Operations Summary
 - A. Flows
 - B. Rain Days
 - C. Solids Production
 - D. Chemical Usage
 - E. Gas Production
 - F. Graphs of Chemical Usage
 - G. Facilities Out-of-Service Report
 - H. Grit Analyses
 - I. Raw Sludge Data Summary
 - J. Digester and Digested Sludge Data Summary

A. Flows

Point Loma Wastewater Treatment Plant Annual Monitoring Report Flow Report - 2008

WASTEWATER FLOWS Daily Average Flows - Millions of Gallons

Mon	Pt. L Gould	Pt. L ADS	PS#2 Flow	PS#2 Pumps	PS#1 Flows
01	179.5	181.4	185.6	130.2	60.5
02	181.3	179.9	186.8	186.8	58.4
03	163.8	164.2	168.8	170.8	56.7
04	156.6	108.7	165.5	168.9	55.1
05	156.2	114.2	164.4	160.8	54.9
06	156.8	36.0	161.4	161.2	55.4
07	155.8	131.9	161.7	161.7	56.4
08	157.3	122.9	163.3	163.8	57.0
09	155.3	113.3	160.7	164.3	58.7
10	150.5	139.6	157.4	159.4	55.1
11	155.6	143.5	160.9	160.3	55.8
12	172.6	115.6	177.8	175.0	240.8
avg	161.8	129.3	167.9	163.6	72.1
sum	1,941.3	1,551.2	2,014.2	1,963.2	864.8

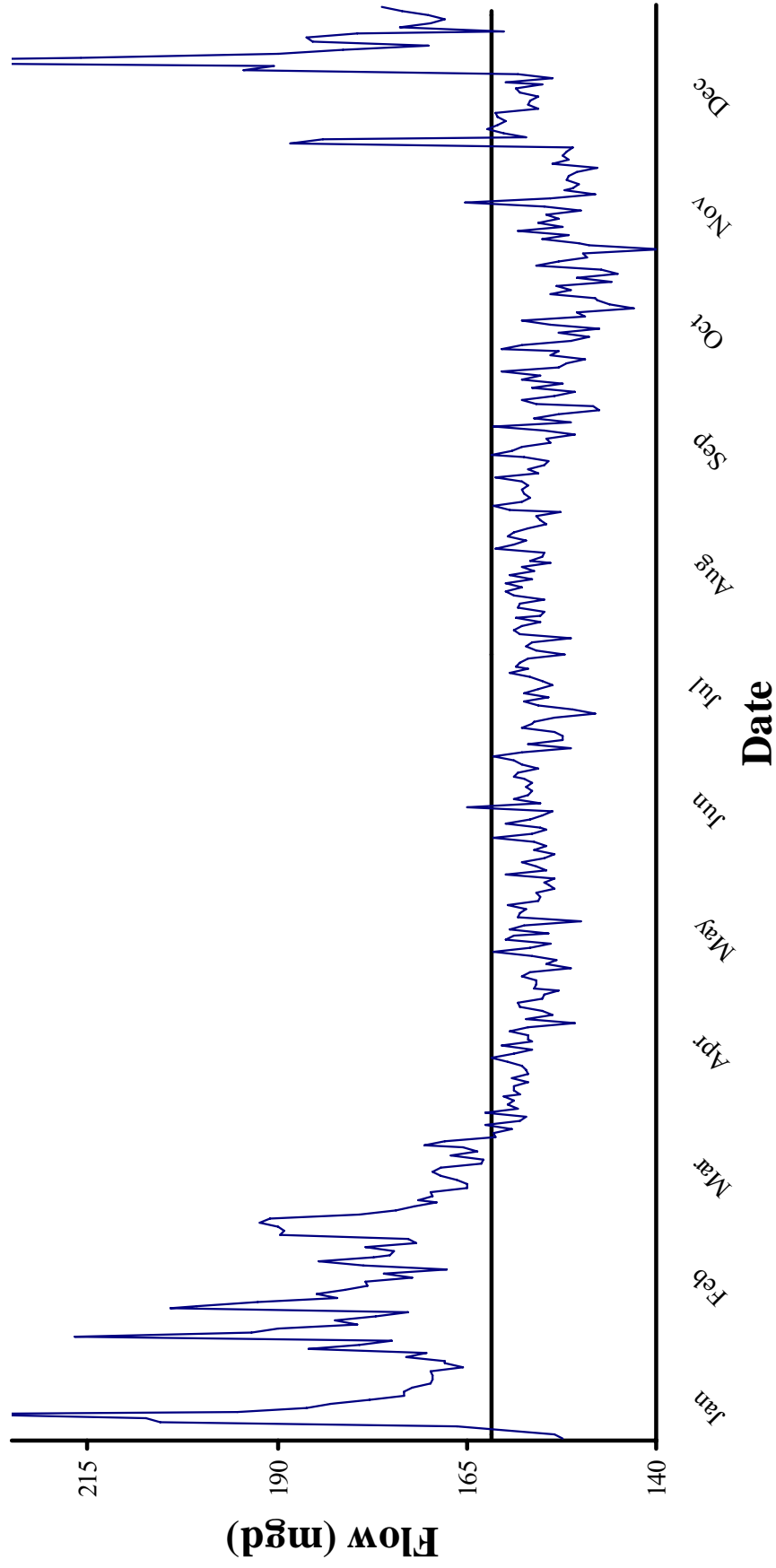
WASTEWATER FLOWS Monthly Total Flows - Millions of Gallons

Mon	Pt. L Gould	Pt. L ADS	PS#2 Flow	PS#2 Pumps	PS#1 Flows
01	5,563	5,623	5,753	4,038	1,876
02	5,257	5,218	5,417	5,418	1,693
03	5,077	5,089	5,231	5,293	1,757
04	4,698	3,262	4,966	5,067	1,654
05	4,842	3,539	5,096	4,986	1,701
06	4,704	1,080	4,841	4,836	1,662
07	4,829	4,089	5,014	5,013	1,749
08	4,876	3,809	5,063	5,077	1,767
09	4,660	3,399	4,820	4,929	1,762
10	4,665	4,327	4,880	4,940	1,707
11	4,669	4,306	4,827	4,808	1,674
12	5,351	3,584	5,512	5,424	7,464
avg	4,933	3,944	5,118	4,986	2,206
sum	59,193	47,325	61,419	59,830	26,466

NOTES: The flows taken at the Pt. Loma WWTP are from the Parshall flumes at the headworks. Water depth in the flume is measured by 2 meters. The Gould meters measure water pressure. The ADS meters are sonar devices that measure the distance of the water level below the meter. The flows through Pump Station II(PS#2) are from venturi meters. PS#2 flow is the flow from the totalizer to which all of the venturi meters feed. PS#2 Pumps is the sum of the readings on the individual venturi meters which are connected to each of the pumps at the pump station. PS#1 is the flow from the venturi meters at Pump Station 1.

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Point Loma Wastewater Treatment Plant 2008 Daily Flows (mgd)

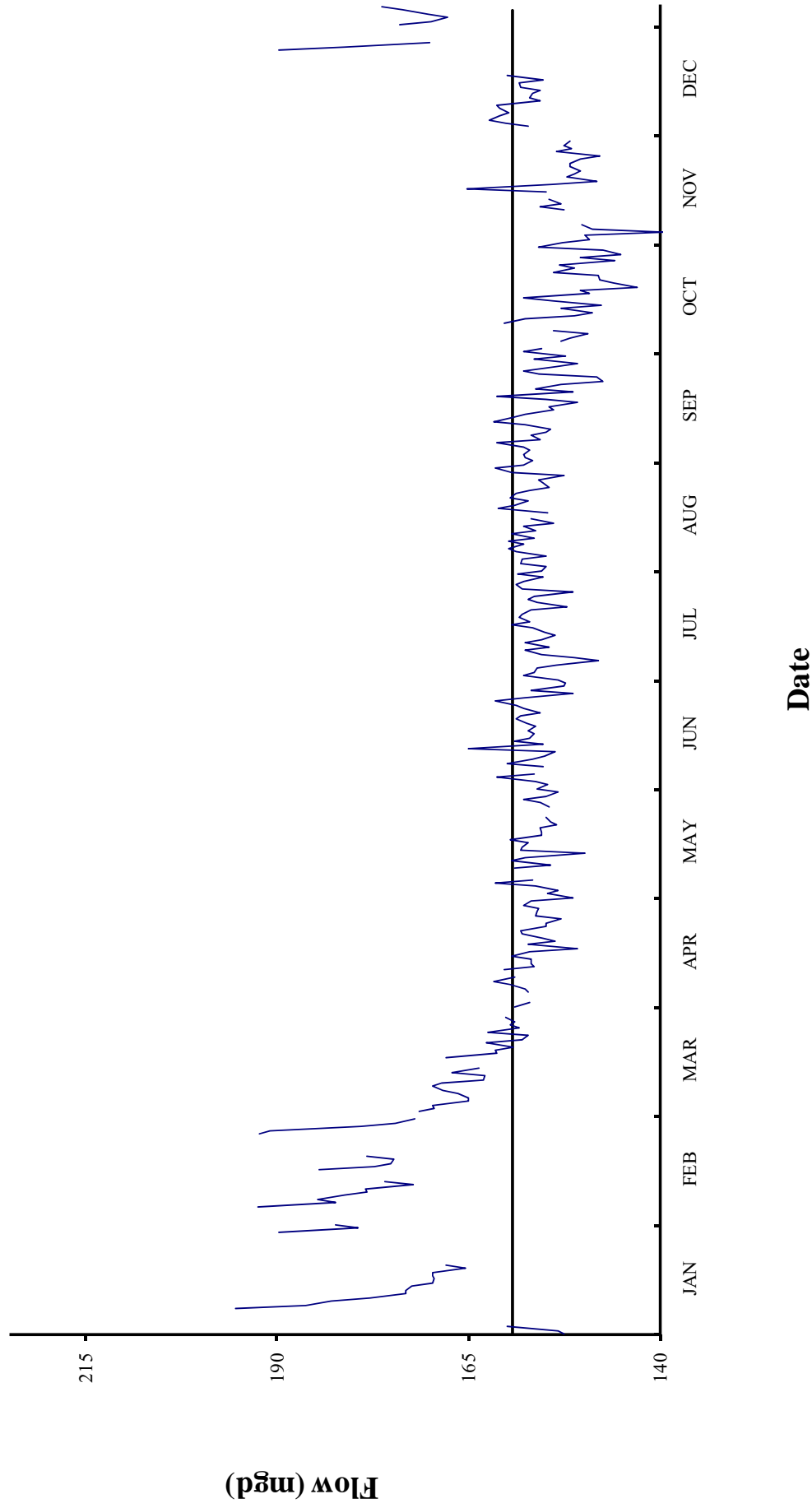


Point Loma Wastewater Treatment Plant

2008 Flows (mgd)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	152.4	176.9	169.1	156.9	154.6	156.1	156.5	157.9	157.8	151.8	150.2	160.8
2	153.3	172.6	171.4	158.9	153.2	161.3	156.1	154.9	161.3	149.4	154.9	159.8
3	159.8	204.1	169.4	157.0	156.3	156.4	153.5	158.8	155.6	153.9	151.5	160.9
4	166.2	200.6	169.7	157.3	161.4	154.4	148.1	159.7	156.9	152.9	158.2	161.2
5	205.4	192.5	165.0	157.6	156.7	155.2	151.0	157.8	154.8	160.3	152.4	155.6
6	207.4	182.2	164.9	159.5	153.9	159.8	155.5	159.7	154.2	157.6	155.7	156.9
7	233.4	184.7	166.4	161.7	159.7	156.6	157.6	156.5	157.5	151.2	152.8	156.6
8	195.4	181.1	168.4	158.9	158.8	155.0	154.3	159.3	161.7	148.8	154.4	155.7
9	186.2	178.2	169.6	156.4	154.2	153.7	157.6	156.2	159.0	152.8	149.8	158.1
10	182.9	178.4	168.4	160.4	159.4	165.0	155.4	157.7	157.6	147.6	154.8	158.4
11	177.9	172.3	163.1	156.3	157.6	155.3	153.6	153.9	153.9	154.0	165.2	155.1
12	173.1	176.0	162.8	156.9	149.8	158.9	155.0	156.7	154.4	157.8	154.0	160.0
13	173.2	167.6	167.1	156.9	158.2	157.0	156.6	155.1	150.8	149.3	148.1	153.7
14	172.3	178.6	163.6	159.3	158.0	156.4	159.2	154.7	154.8	150.4	152.0	158.2
15	169.7	184.5	165.4	156.9	157.1	157.2	157.0	161.1	161.3	142.9	151.1	194.4
16	169.4	177.1	170.5	150.7	159.6	156.3	158.4	158.8	151.4	146.1	150.3	190.4
17	169.6	175.1	167.8	157.2	155.5	157.4	158.0	157.3	156.1	147.8	151.8	256.6
18	169.7	174.6	161.2	153.6	155.3	158.8	156.8	159.5	152.9	148.0	151.6	215.8
19	165.4	178.2	161.5	155.1	155.7	158.2	152.2	158.7	147.4	153.8	150.4	189.8
20	167.9	171.5	159.2	157.9	153.5	155.6	155.9	157.0	148.2	151.2	147.8	181.2
21	167.9	172.8	162.5	158.2	154.2	157.7	157.3	154.5	155.9	153.1	153.6	169.9
22	172.9	189.6	157.9	154.9	154.9	158.7	156.3	155.3	157.8	145.9	151.5	185.2
23	170.3	189.1	157.2	154.8	153.5	161.4	151.3	155.9	153.4	150.4	152.4	186.2
24	186.0	189.8	162.4	152.9	159.7	157.8	157.9	152.6	150.7	145.1	151.8	179.3
25	179.2	192.3	158.3	156.2	154.4	151.3	158.7	159.3	156.3	147.4	151.1	160.2
26	174.9	190.8	159.6	155.9	155.7	156.8	157.8	161.4	152.4	147.4	188.3	173.9
27	216.7	179.1	158.9	155.8	157.8	152.5	155.2	157.7	157.7	152.8	183.9	169.9
28	193.4	174.4	160.1	157.8	154.9	152.3	158.5	156.6	155.4	149.3	157.2	167.8
29	189.8	172.0	158.0	156.7	153.3	153.3	155.4	157.5	160.3	149.7	160.0	170.1
30	179.4		158.8	151.3	156.1	157.8	154.8	157.7	152.9	139.4	162.3	173.6
31	182.2		158.9		154.6		158.2	157.0		148.8		176.3
Average	179.5	181.6	163.8	156.7	156.0	156.8	155.8	157.3	155.3	150.5	155.6	161.8
Minimum	152.4	167.6	157.2	150.7	149.8	151.3	148.1	152.6	147.4	139.4	147.8	153.7
Maximum	233.4	204.1	171.4	161.7	161.4	165.0	159.2	161.4	161.7	160.3	188.3	256.6
T total	5563.1	5084.8	5077.0	4699.7	4837.2	4704.1	4829.5	4876.3	4660.3	4665.0	4669.0	5351.4
												59017.5
												Annual Summary
												173.6
												176.3
												173.6
												161.8
												155.6
												172.6
												153.7
												139.4
												256.6
												188.3
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												5351.4
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Point Loma Wastewater Treatment Plant 2008 Daily Dry Flows (mgd)



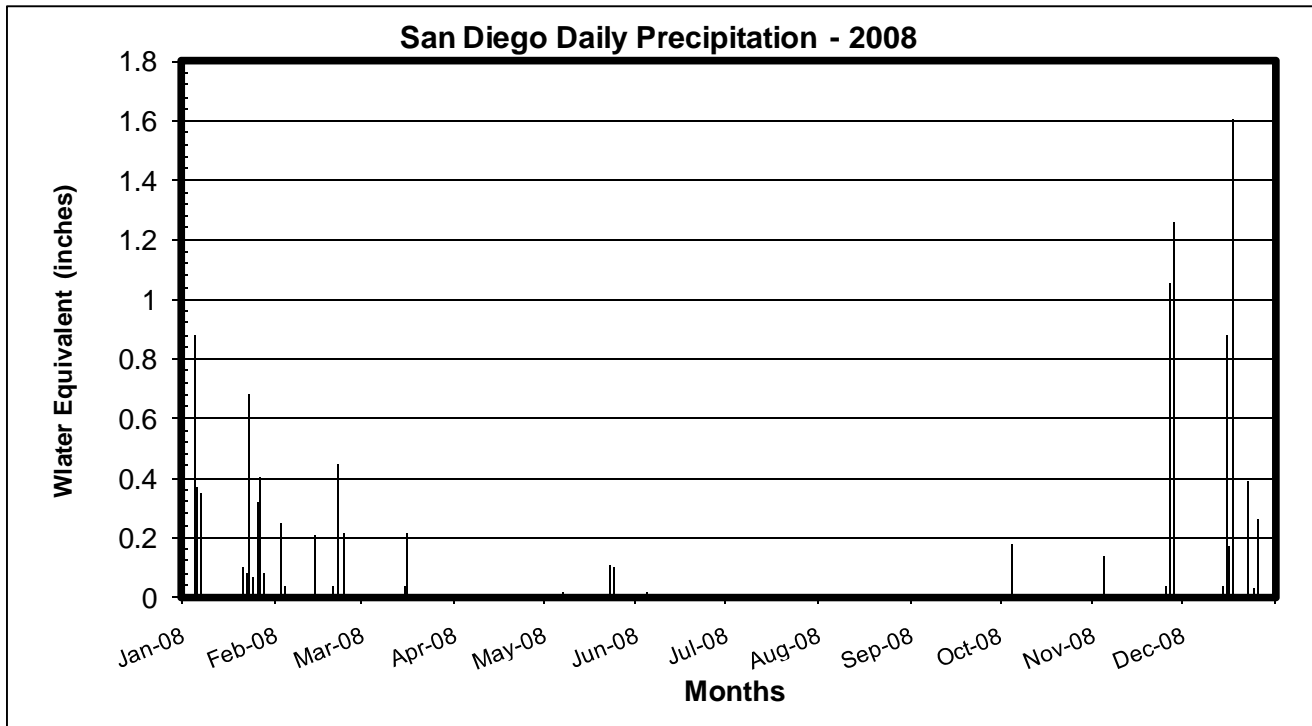
Point Loma Wastewater Treatment Plant

2008 Dry Flows (mgd)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	152.4			156.9	154.6	156.1	156.5	157.9	157.8	151.8	150.2	160.8
2	153.3	172.6	171.4		153.2	161.3	156.1	154.9	161.3	149.4		159.8
3	159.8		169.4		156.3	156.4	153.5	158.8	155.6	153.9		160.9
4			169.7	157.3	161.4		148.1	159.7	156.9			161.2
5		192.5	165.0	157.6	156.7	155.2	151.0	157.8	154.8	160.3	152.4	155.6
6		182.2	164.9	159.5		159.8	155.5	159.7	154.2	157.6	155.7	156.9
7		184.7	166.4	161.7		156.6	157.6	156.5	157.5	151.2	152.8	156.6
8	195.4	181.1	168.4	158.9	158.8	155.0	154.3	159.3	161.7	148.8	154.4	155.7
9	186.2	178.2	169.6		154.2	153.7	157.6	156.2	159.0	152.8		158.1
10	182.9	178.4	168.4	160.4	159.4	165.0	155.4	157.7	157.6	147.6	154.8	158.4
11	177.9	172.3	163.1	156.3	157.6	155.3	153.6	153.9	153.9	154.0	165.2	155.1
12	173.1	176.0	162.8	156.9	149.8	158.9	155.0	156.7	154.4	157.8	154.0	160.0
13	173.2		167.1	156.9	158.2	157.0	156.6		150.8	149.3	148.1	
14	172.3		163.6	159.3	158.0	156.4	159.2	154.7	154.8	150.4	152.0	
15	169.7	184.5		156.9	157.1	157.2	157.0	161.1	161.3	142.9	151.1	
16	169.4	177.1		150.7	159.6	156.3	158.4	158.8	151.4	146.1	150.3	
17	169.6	175.1	167.8	157.2	155.5	157.4	158.0	157.3	156.1	147.8	151.8	
18	169.7	174.6	161.2	153.6	155.3	158.8	156.8	159.5	152.9	148.0	151.6	
19	165.4	178.2	161.5	155.1	155.7	158.2	152.2	158.7	147.4	153.8	150.4	189.8
20	167.9		159.2	157.9	153.5	155.6	155.9	157.0	148.2	151.2	147.8	181.2
21			162.5	158.2	154.2	157.7	157.3	154.5	155.9	153.1	153.6	169.9
22			157.9	154.9	154.9	158.7	156.3	155.3	157.8	145.9	151.5	
23			157.2	154.8		161.4	151.3	155.9	153.4	150.4	152.4	
24			162.4	152.9		157.8	157.9	152.6	150.7	145.1	151.8	
25	179.2	192.3	158.3	156.2	154.4	151.3	158.7	159.3	156.3	147.4		173.9
26		190.8	159.6	155.9	155.7	156.8	157.8	161.4	152.4	155.7		169.9
27		179.1	158.9	155.8	157.8	152.5	155.2	157.7	157.7	152.8		167.8
28		174.4	160.1	157.8	154.9	152.3	158.5	156.6	155.4	149.3	157.2	
29	189.8	172.0		156.7	153.3	153.3	155.4	157.5	152.9	149.7	160.0	170.1
30	179.4			151.3	156.1	157.8	154.8	157.7	152.9	139.4	162.3	173.6
31	182.2		158.9		154.6	158.2	158.2	157.0	152.9	148.8	176.3	Summary
Average	173.4	180.2	163.7	156.6	155.9	156.9	155.8	157.4	155.2	150.4	153.5	160.4
Minimum	152.4	172.0	157.2	150.7	149.8	151.3	148.1	152.6	147.4	139.4	147.8	139.4
Maximum	195.4	192.5	171.4	161.7	161.4	165.0	159.2	161.4	161.7	160.3	165.2	189.8
Total	3468.8	3244.1	4255.4	4227.5	4210.4	4549.7	4829.5	4721.2	4499.9	4512.2	3531.4	3471.3
												49521.4

B. Rain Days

Annual precipitation was profoundly below normal.



Total Annual precipitation = 11.11, Maximum = 1.60, Trace = 0

First Quarter		Second Quarter		Quarter		Fourth Quarter	
Date	Rain	Date	Rain	Date	Rain	Date	Rain
4-Jan-08	0.01	2-Apr-08	0	13-Aug-08	0	4-Oct-08	0.18
5-Jan-08	0.88	3-Apr-08	0	29-Sep-08	0	2-Nov-08	0
6-Jan-08	0.37	9-Apr-08	0			3-Nov-08	0
7-Jan-08	0.35	6-May-08	0			4-Nov-08	0.14
21-Jan-08	0.1	7-May-08	0.02			9-Nov-08	0
22-Jan-08	0.08	23-May-08	0.11			25-Nov-08	0.04
23-Jan-08	0.68	24-May-08	0.1			26-Nov-08	1.05
24-Jan-08	0.07	4-Jun-08	0.02			27-Nov-08	1.26
26-Jan-08	0.32					13-Dec-08	0.01
27-Jan-08	0.4					14-Dec-08	0.04
28-Jan-08	0.08					15-Dec-08	0.88
1-Feb-08	0					16-Dec-08	0.17
3-Feb-08	0.25					17-Dec-08	1.6
4-Feb-08	0.04					18-Dec-08	0
13-Feb-08	0					22-Dec-08	0.39
14-Feb-08	0.21					23-Dec-08	0
20-Feb-08	0.04					24-Dec-08	0.03
21-Feb-08	0					25-Dec-08	0.26
22-Feb-08	0.45						
23-Feb-08	0						
24-Feb-08	0.22						
1-Mar-08	0						
15-Mar-08	0.04						
16-Mar-08	0.22						
29-Mar-08	0						
30-Mar-08	0						
Totals >	4.81		0.25		0		6.05

C. Solids Production

Point Loma Annual Monitoring Report
 Solids Report - TOTALS
 From 01-JAN-2008 to 31-DEC-2008

Month	Pt. Loma		Pt. Loma		MBC		MBC	
	Raw sludge Gallons	Dry Tons	Digested Sludge Gallons	Dry Tons	Combined Centrate Gallons	Dry Tons	Dewatered Sludge Wet Tons	Dry Tons
01	33,785,131	4,703	33,785,131	2,757	86,347,068	934	11,125	3,286
02	30,970,248	4,121	30,970,248	2,531	80,944,801	924	9,299	2,836
03	33,259,697	4,623	33,258,696	2,552	86,114,215	964	9,567	2,788
04	31,497,879	4,476	31,496,879	2,400	83,088,419	1,017	9,916	2,904
05	32,441,772	4,938	32,375,911	2,584	85,581,033	1,116	9,415	2,740
06	31,943,274	4,898	31,943,274	2,721	79,167,486	1,181	10,084	2,888
07	32,734,149	5,072	32,677,419	3,016	84,400,839	1,357	10,896	3,023
08	32,423,970	4,710	32,209,696	3,006	84,811,073	1,352	10,635	2,936
09	30,967,671	4,083	30,939,832	2,851	80,882,510	1,276	10,694	3,028
10	31,802,386	3,744	31,981,625	2,772	77,570,477	1,157	10,452	2,979
11	29,144,884	3,581	29,350,270	2,557	74,231,882	1,336	8,755	2,530
12	30,200,467	3,807	30,198,885	2,547	82,172,562	1,292	10,565	3,076
avg	31,764,294	4,396	31,765,655	2,691	82,109,364	1,159	10,117	2,918
sum	381,171,528	52,755	381,187,864	32,294	985,312,365	13,907	121,403	35,014

Point Loma Annual Monitoring Report
 Solids Report - Daily Averages by Month
 From 01-JAN-2008 to 31-DEC-2008

Month	Pt. Loma		Pt. Loma		MBC		MBC					
	Raw sludge Gallons	%TS	Dry Tons	Digested Sludge Gallons	%TS	Dry Tons	Combined Centrate Gallons	%TS	Dry Tons	Dewatered Sludge Wet Tons	%TS	Dry Tons
01	1,089,843	3.3	153	1,089,843	2.0	89	2,785,389	0.26	30.1	359	29.5	106.0
02	1,067,940	3.2	144	1,067,940	2.0	87	2,791,200	0.27	31.8	321	30.5	97.8
03	1,072,893	3.3	145	1,072,861	1.8	82	2,777,878	0.27	31.1	309	29.1	89.9
04	1,049,929	3.4	150	1,049,896	1.8	81	2,769,614	0.29	33.9	331	29.3	96.8
05	1,046,509	3.7	159	1,044,384	1.9	83	2,760,679	0.31	36.0	314	29.1	91.3
06	1,064,776	3.7	161	1,064,776	2.0	90	2,638,916	0.36	39.3	336	28.6	96.3
07	1,055,940	3.7	162	1,054,110	2.2	96	2,722,608	0.39	43.2	351	27.7	97.5
08	1,045,935	3.5	150	1,039,022	2.2	96	2,735,841	0.38	44.0	343	27.6	94.7
09	1,032,256	3.2	138	1,031,328	2.2	95	2,696,084	0.38	42.6	356	28.3	100.9
10	1,025,883	2.8	121	1,031,665	2.1	89	2,502,274	0.36	37.2	337	28.5	96.1
11	971,496	2.9	118	978,342	2.1	86	2,474,396	0.43	44.3	292	28.9	84.3
12	974,209	3.0	123	974,158	2.0	82	2,650,728	0.38	41.9	341	29.1	99.2
avg	1,041,467	3.3	144	1,041,527	2.0	88	2,692,134	0.34	38.0	332	28.9	95.9

Note: A ton is a "short ton" or 2000 lbs of dry solids.
 The mechanical condition of the cake pumps and the variability of sludge concentrations can affect the overall accuracies of these reported values.

D. Chemical Usage

Point Loma Annual Chemical Usage Report
Monthly Totals - 2008

Month	Polymer		ACTIVE Polymer		Ferric Chloride		Ferrous Chloride		Ferric Chloride		Sodium hydroxide		Sodium hydroxide		NaOCl		NaOCl		Salt	
	Pt.Loma Gallons	Pt.Loma Lbs.	Pt.Loma PS #2 Gallons	Pt.Loma PS #1 Gallons	Pt.Loma PS #2 Gallons	Pt.Loma PS #1 Gallons	Pt.Loma PS #2 Gallons	Pt.Loma PS #1 Gallons	Pt.Loma PS #2 Gallons	Pt.Loma PS #1 Gallons	Pt.Loma PS #2 Gallons	Pt.Loma PS #1 Gallons	Pt.Loma PS #2 Gallons	Pt.Loma PS #1 Gallons	Pt.Loma PS #2 Gallons	Pt.Loma PS #1 Lbs.	Pt.Loma PS #2 Lbs.	Pt.Loma PS #1 Lbs.	Pt.Loma PS #2 Lbs.	
01	155,616	6,548	3,135	141	208	141	3,396	430	1,116	7,295	2,420	700	15,500							
02	146,904	6,179	0	199	108	199	3,214	61	865	6,502	2,100	400	14,500							
03	142,145	5,984	0	193	176	193	3,308	30	1,269	9,000	2,350	800	15,500							
04	130,264	5,480	0	205	136	205	2,311	438	1,160	8,730	2,600	600	15,000							
05	135,190	5,690	0	350	114	350	3,340	1,079	1,010	11,903	2,050	432	15,500							
06	131,405	5,531	10,308	296	145	296	3,525	642	1,057	11,615	1,550	250	15,000							
07	137,803	5,801	0	297	198	297	4,751	11	2,216	13,341	1,550	400	15,500							
08	136,590	5,750	0	212	367	212	3,597	1,424	2,073	21,045	1,150	400	15,500							
09	130,643	5,500	0	199	121	199	3,573	1,098	1,956	244,980	1,050	500	15,000							
10	130,616	5,496	0	235	302	235	3,628	940	2,719	324,994	900	250	15,500							
11	130,342	5,486	0	200	159	200	2,310	1,204	1,794	359,202	1,600	400	15,000							
12	149,787	6,304	966	274	327	274	4,228	636	1,544	348,822	1,900	900	15,500							
avg	138,109	5,812	1,201	233	197	233	3,432	666	1,565	113,952	1,768	503	15,250							
sum	1,657,306	69,749	14,409	2,801	2,361	2,801	41,181	7,993	18,779	1,367,429	21,220	6,032	183,000							

E. Gas Production

Point Loma Wastewater Treatment Plant

Gas Report - 2008

Daily Monthly Averages

GAS PRODUCTION (x1000 Cu. Ft.)

GAS CONSUMPTION (x1000 Cu. Ft.)

Month	N-1-P	N-2-P	C-1-P	C-2-P	S-1-P	S-2-P	Dig 7	Total Boilers	Burners	GUF	Total	
01	465.0	249.1	321.9	432.5	437.0	480.2	51.8	2,385.6	348	1,956	913	3,217
02	289.7	212.4	324.7	315.5	450.3	487.2	44.0	2,079.9	266	1,757	1,205	3,228
03	292.7	280.7	321.6	308.3	435.4	463.3	43.0	2,102.0	143	1,433	1,570	3,146
04	279.8	311.7	312.5	300.3	434.8	472.1	37.9	2,111.3	56	1,178	1,760	2,994
05	278.9	310.8	309.4	304.0	467.5	452.1	28.9	2,122.8	60	1,160	1,669	2,890
06	299.7	341.1	328.7	313.7	526.8	460.8	39.6	2,270.8	130	1,819	1,117	3,067
07	314.8	348.4	326.6	312.2	541.6	447.7	28.6	2,1291.4	76	1,812	1,122	3,010
08	305.7	334.1	317.9	307.7	556.6	476.7	14.9	2,298.7	57	1,158	1,641	2,856
09	294.3	316.2	322.6	306.8	522.9	439.9	6.5	2,202.7	91	1,402	1,280	2,773
10	293.6	309.2	317.5	307.1	520.1	432.4	5.8	2,180.0	62	917	1,725	2,703
11	287.5	310.5	315.1	303.9	537.1	444.0	3.1	2,198.2	85	1,254	1,726	3,065
12	277.9	290.1	307.8	295.6	538.9	469.4	2.3	2,179.7	96	1,170	1,781	3,047
avg	306.6	301.2	318.9	317.3	497.4	460.5	25.5	2,201.9	122	1,418	1,459	3,000

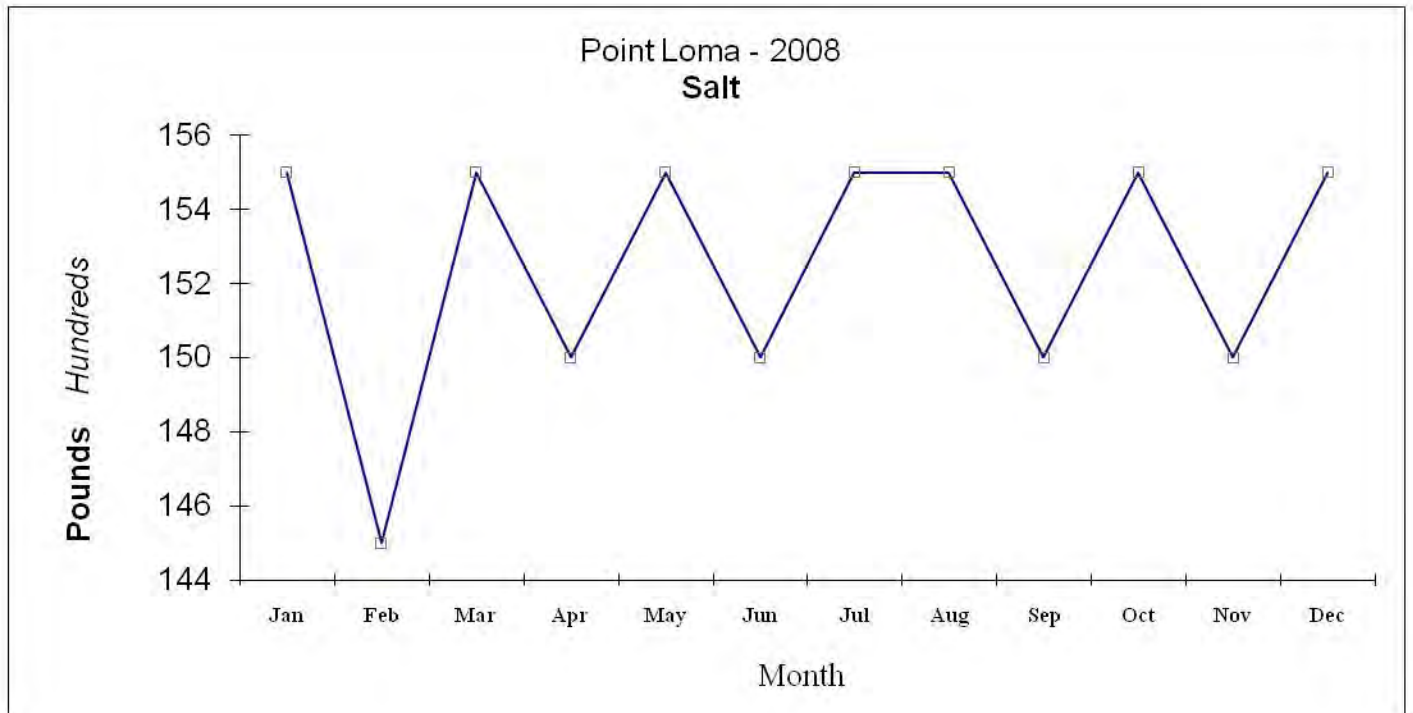
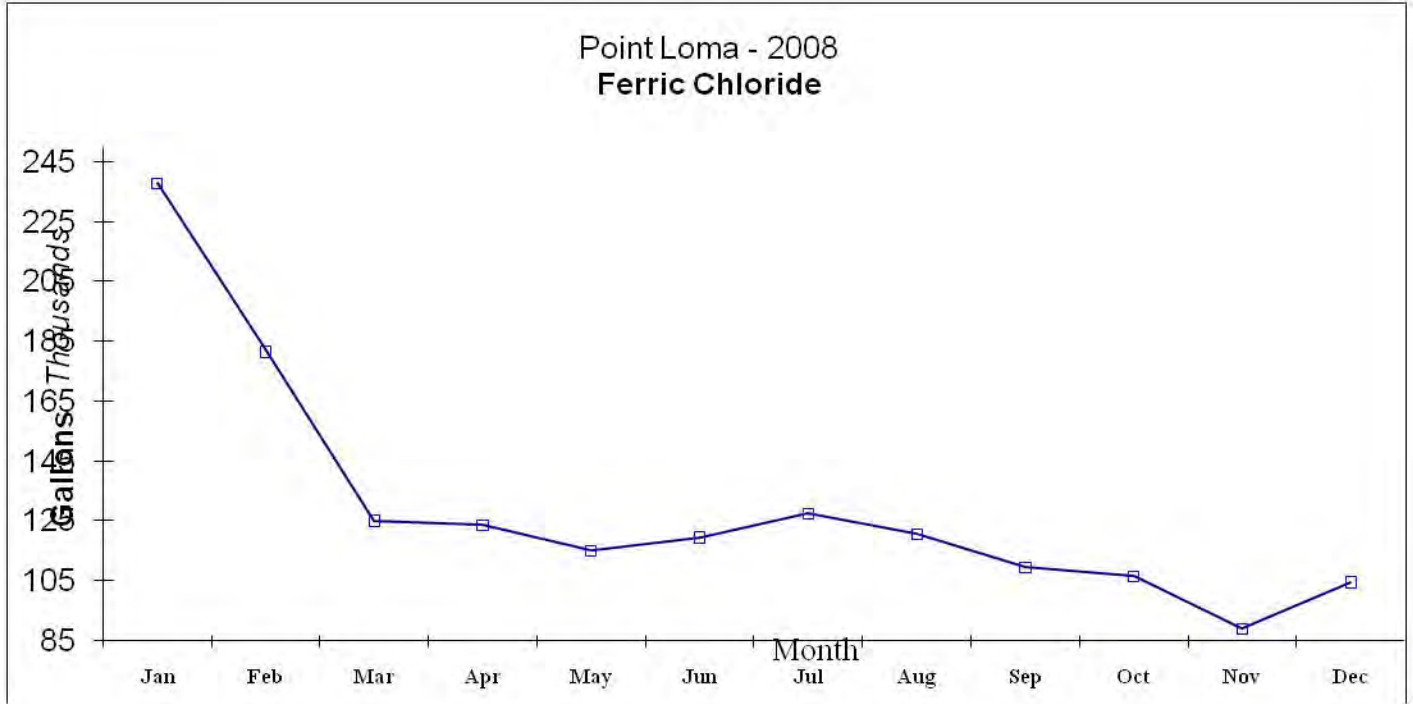
Monthly Totals

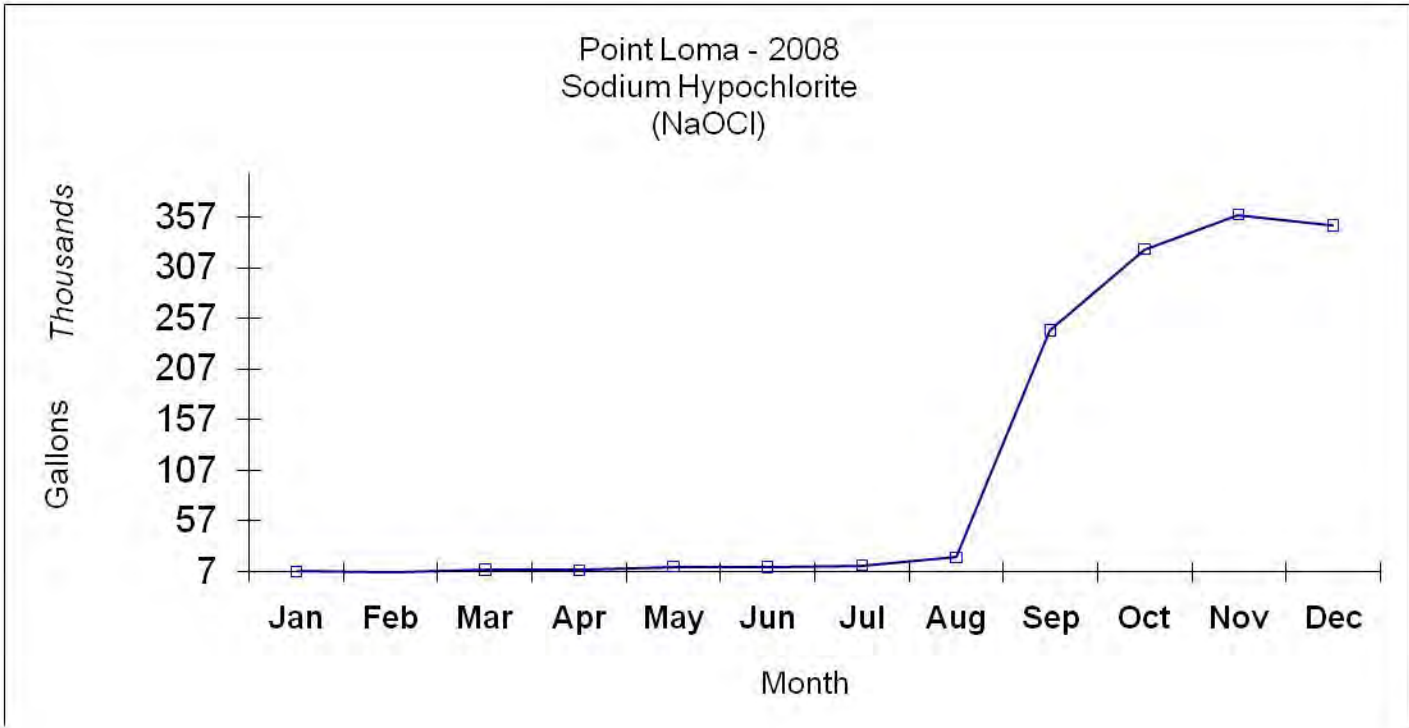
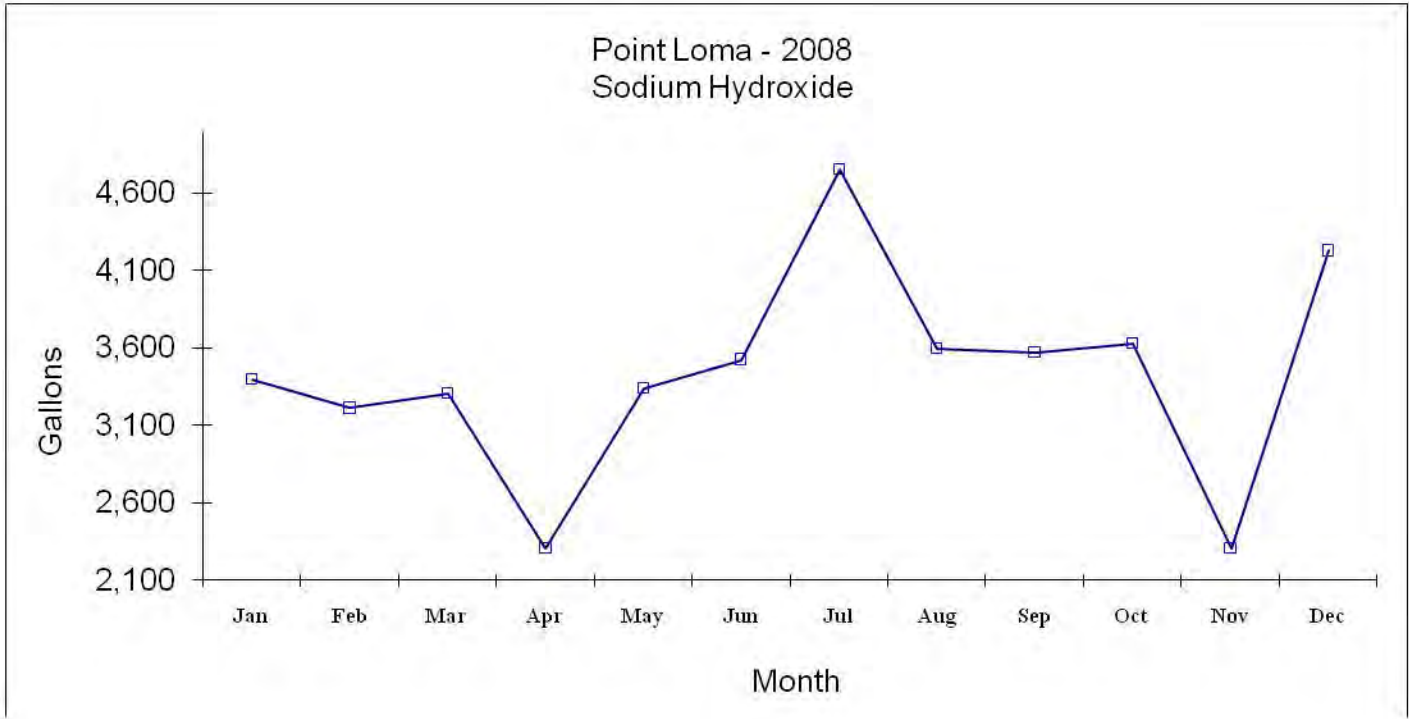
GAS PRODUCTION (x1000 Cu. Ft.)

GAS CONSUMPTION (x1000 Cu. Ft.)

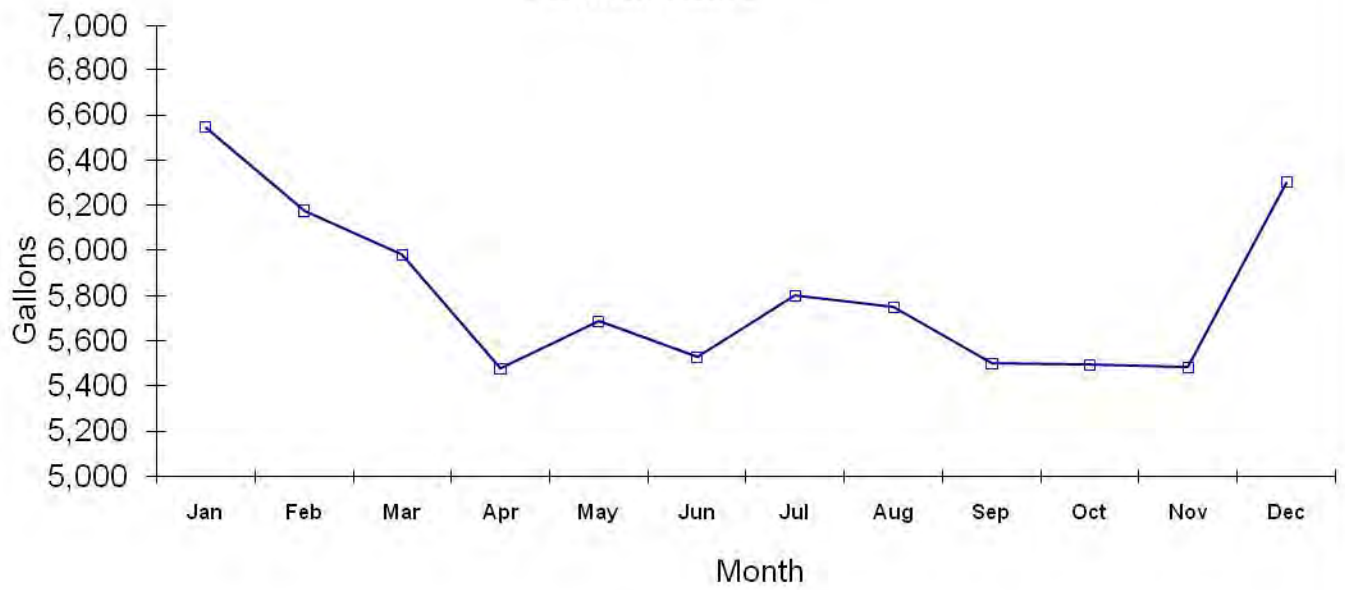
Month	N-1-P	N-2-P	C-1-P	C-2-P	S-1-P	S-2-P	Dig 7	Total Boilers	Burners	GUF	Total	
01	14,414.0	7,721.0	9,979.0	13,406.0	13,548.0	14,886.0	1,605.0	73,954.0	10,784	60,644	28,295	99,723
02	8,402.0	6,161.0	9,416.0	9,150.0	13,060.0	14,128.0	1,277.0	60,317.0	7,714	50,948	34,943	93,605
03	9,073.0	8,702.0	9,969.0	9,558.0	13,498.0	14,362.0	1,334.0	65,162.0	4,429	44,422	48,675	97,526
04	8,395.0	9,351.0	9,376.0	9,008.0	13,045.0	14,163.0	1,137.0	63,338.0	1,684	35,327	52,802	89,813
05	8,646.0	9,636.0	9,592.0	9,424.0	14,493.0	14,016.0	897.0	65,807.0	1,867	35,974	51,742	89,583
06	8,991.0	10,234.0	9,862.0	9,411.0	15,804.0	13,823.0	1,187.0	68,125.0	3,906	54,572	33,524	92,002
07	9,759.0	10,801.0	10,126.0	9,679.0	16,791.0	13,878.0	888.0	71,034.0	2,358	56,159	34,787	93,304
08	9,477.0	10,356.0	9,855.0	9,539.0	17,256.0	14,778.0	462.0	71,261.0	1,760	35,909	50,857	88,526
09	8,828.0	9,486.0	9,678.0	9,203.0	15,687.0	13,198.0	194.0	66,080.0	2,729	42,058	38,411	83,198
10	9,103.0	9,585.0	9,844.0	9,521.0	16,124.0	13,403.0	181.0	67,580.0	1,930	28,416	53,461	83,807
11	8,625.0	9,315.0	9,454.0	9,118.0	16,113.0	13,320.0	92.0	65,945.0	2,542	37,615	51,788	91,945
12	8,616.0	8,992.0	9,541.0	9,165.0	16,707.0	14,551.0	72.0	67,572.0	2,966	36,264	55,223	94,453
avg	9,360.8	9,195.0	9,724.3	9,681.8	15,177.2	14,042.2	777.2	67,181.3	3,722	43,192	44,542	91,457
sum	112,329.0	110,340.0	116,692.0	116,182.0	182,126.0	168,506.0	9,326.0	806,175.0	44,669	518,308	534,508	1,097,485

F. Graphs of Chemical Usage





Point Loma - 2008
Polymer / Active



G. Facilities Out-of-Service Report

FACILITIES THAT WERE OUT OF SERVICE IN 2008 BY DATE

FACILITY OOS	FROM	TO	REASON
S1 Grit Basin	1/1	12/31	Tank rehabilitation
S2 Grit Basin	1/1	12/31	Tank rehabilitation
Sed Basin #1	1/1	12/31	Tank rehabilitation
Sed Basin #3	1/1	12/31	Tank rehabilitation
Sed Basin #5	1/1	2/13	Replacement of guide rail wear strips
Sed Basin #10	1/1	3/5	Bay 3 flights
Influent Screen #1	1/18	1/22	Cable repair
Influent Screen #3	1/22	1/22	Bracket Repair
East Influent Channel	2/5	3/5	Stop log rotation
Sed Basin #2	2/13	3/19	Annual PM, repair cross collector.
Influent Screen #2	2/27	3/14	Came off track
Influent Screen #3	2/27	3/14	Overhaul
West Influent Channel	3/5	4/7	Stop log Rotation
Sed basin #6	3/5	5/29	Annual PM, OOS Standby
Sed Basin #12	3/19	6/19	Corrective repairs
East Influent Channel	4/7	4/30	Stop log rotation
C1 Grit Basin	4/17	4/17	Ferric metering valve repair
C2 Grit Basin	4/18	4/18	Ferric metering valve repair
Sed Basin #2	4/18	4/24	Scum trough repair
Influent Screen #2	4/23	4/24	Repair switch
West Influent Channel	4/30	5/30	Stop log rotation
N2 Grit Basin	5/5	5/5	Ferric metering valve repair
N1 Grit Basin	5/14	5/15	Line repair
N2 Grit Basin	5/22	5/23	Line repair
Influent Screen #4	5/26	9/17	Repair bent drive shaft
Sed Basin #7	5/29	7/29	Corrective repairs, scum seals
East Influent Channel	5/30	6/24	Stop log rotation
Sed Basin #8	6/20	7/31	Corrective repairs, replace cross collector chain
West Influent Channel	6/24	7/25	Stop log rotation
N2 Grit Basin	7/18	7/18	Line plugged
East Influent Channel	7/25	8/15	Stop log rotation
Influent Screen #1	7/28	7/28	C clip replacements
Sed Basin #10	7/28	8/22	Corrective repairs, replace sprockets
Sed Basin #9	7/30	9/20	Annual PM, repairs.
West Influent Channel	8/15	9/17	Stop log rotation
Sed Basin #4	8/22	12/31	Annual PM, repairs.
C1 Grit Basin	8/24	8/26	Annual PM
C2 Grit Basin	8/26	9/05	Annual PM and pinch valve installation
N1 Grit Basin	9/7	9/9	Annual PM
N2 Grit Basin	9/10	9/13	Annual PM
East Influent Channel	9/17	10/16	Stop log rotation
Sed Basin #10	9/20	11/4	Due to the failure of the raw sludge pumps gear box, tank must be taken out of service.
Sed Basin #6	9/25	9/27	Corrective repair, replace drive sprockets.
Influent Screen #2	9/27	11/21	Sprocket replacement
C1 Grit Basin	10/14	10/16	Corrective, repair actuator on effluent gate.
West Influent Channel	10/16	11/12	Stop log rotation
Influent Screen #5	10/20	11/2	Overhaul
Sed Basin #5	10/30	12/31	Corrective, remove scum trough Bay 3
East Influent Channel	11/12	12/10	Stop log rotation
Influent Screen #1	11/21	11/21	Replace springs on docking bar
Sed Basin #10	11/21	11/24	Replace Cross Collector Drive Chain.

FACILITIES THAT WERE OUT OF SERVICE IN 2008
 FACILITY: DATES OUT OF SERVICE

GRIT CHAMBERS

N1	5/14-5/15; 9/07-9/09
N2	5/5; 5/22-5/23; 7/18; 9/10-9/13
C1	4/17; 8/24-8/26; 10/14-10/16
C2	4/18; 8/26-9/05
S1	1/1-12/31
S2	1/1-12/31

CHANNELS

EAST	2/05-3/05; 4/07-4/30; 5/30-6/24; 7/25-8/15; 9/17-10/16; 11/12-12/10
WEST	3/05-4/07; 4/30-5/30; 6/24-7/25; 8/15-9/17; 10/16-11/12

BASINS

1	1/01-12/31
2	2/13-3/19; 4/18-4/24
3	1/01-12/31
4	8/22-12/31
5	1/01-2/13; 10/30-12/31
6	3/05-5/29; 9/25-9/27
7	5/29-7/29
8	6/20-7/31
9	7/30-9/20
10	1/01-3/05; 7/28-8/22; 9/20-11/04; 11/21-11/24
11	
12	3/19-6/19

NORTH EFFLUENT SCREENS	1/02-3/20; 4/11-5/28; 6/02-7/09; 7/24-12-31
SOUTH EFFLUENT SCREENS	1/01-1/02; 3/20-4/11; 7/09-7/17
INFLUENT SCREEN #1	1/18-1/22; 7/28; 11/21;
INFLUENT SCREEN #2	2/27-3/14; 4/23-4/24; 9/27-11/21
INFLUENT SCREEN #3	1/22; 2/27-3/14
INFLUENT SCREEN #4	5/26-9/17
INFLUENT SCREEN #5	10/20-11/2

DIGESTERS

N1P	
N2P	
C1P	
C2P	
S1P	
S2P	
Dig 7	
Dig 8	

SHUTDOWNS

DATE	FROM	TO	REASON
1/11	243	450	PS 2 work
1/23	252	455	Electrical work PLWTP
2/01	0200	0600	PS 2 work
3/05	240	718	PLWTP diver entry
3/25	242	527	PLWTP diver entry
3/26	246	554	PLWTP diver entry
5/02	247	550	PS 2 work
6/27	257	553	PS 2 work
7/18	247	655	PS 2 work
9/03	243	600	PS 2 work
9/04	238	605	PS 2 work
9/05	243	609	PS 2 work
9/20	302	643	PS 2 work
9/23	249	541	PS 2 work
9/24	250	600	PS 2 work
9/26	253	623	PS 2 work
9/30	252	506	PS 2 work
10/01	249	530	PS 2 work
10/02	247	536	PS 2 work
10/03	258	609	PS 2 work
10/07	238	515	PS 2 work
10/08	250	530	PS 2 work
10/30	250	548	PS 2 work
12/05	254	550	PLWTP ferrous line modification and polymer line flushing

H. Gritand Screenings

The following are reports of the analyses of grit samples taken from the Pt. Loma WWTP headworks (grit removal chambers) in 2008. Reports include Title 22 analyses and Total Solids. Title 22 sampling and analysis of PLR grit occurs on a Semi-Annual basis. Samples from the grit bins are taken daily for 7 consecutive days and composited together to form the Semi-Annual sample. Although everywhere else in this report PLR refers to Point Loma WWTP raw Influent sewage, in this section, it refers to the grit removed from the grit chambers at the headworks building at the influent end of the plant.

**Point Loma Wastewater Treatment Plant
Total Solids - Grit and Screenings 2008 (%WT)**

Grit Monthly Averages		Headworks Screenings Monthly Averages		Sludge Screenings Monthly Averages	
JAN	48.7	JAN	45.4	JAN	40.6
FEB	48.7	FEB	46.9	FEB	39.2
MAR	49.8	MAR	52.9	MAR	39.0
APR	48.5	APR	50.6	APR	36.2
MAY	51.7	MAY	50.6	MAY	37.8
JUN	51.5	JUN	53.2	JUN	39.1
JUL	54.0	JUL	49.5	JUL	40.2
AUG	52.6	AUG	49.2	AUG	38.7
SEP	53.9	SEP	46.5	SEP	40.0
OCT	50.0	OCT	43.1	OCT	41.0
NOV	49.9	NOV	48.3	NOV	38.7
DEC	49.2	DEC	45.6	DEC	34.0
AVG	50.7	AVG	48.5	AVG	38.7

**Point Loma Wastewater Treatment Plant
2008 Grit Total Solids (% WT) at Point Loma**

Day	Jan %WT	Feb %WT	Mar %WT	Apr %WT	May %WT	Jun %WT	Jul %WT	Aug %WT	Sep %WT	Oct %WT	Nov %WT	Dec %WT
1	44.7	44.7	42.9	53.7	46.0	47.5	51.0	50.4	65.0	51.6	48.0	54.9
2	54.5	55.1	41.0	53.0	49.9	39.2	41.0	47.5	49.1	52.4	53.7	50.5
3	44.8	57.3	62.0	48.3	50.8	60.5	42.1	50.6	58.3	43.5	62.5	45.9
4	57.1	56.9	50.1	46.6	60.7	53.6	47.7	49.2	48.4	48.9	49.5	48.8
5	53.0	49.5	50.6	45.4	53.4	43.6	53.3	51.9	58.6	55.7	48.5	51.8
6	47.4	57.7	46.7	44.1	47.3	40.4	60.1	48.4	55.3	54.7	60.4	43.4
7	51.5	50.5	47.0	40.0	45.7	44.4	58.1	51.4	50.0	48.6	46.9	42.2
8	51.4	50.9	45.3	58.0	51.1	56.6	56.7	49.5	60.3	52.9	45.9	61.7
9	57.4	40.7	47.0	44.4	50.6	61.0	64.6	41.9	49.4	42.2	53.3	45.3
10	54.5	55.2	48.5	50.8	48.5	44.2	59.4	51.8	52.6	50.6	52.5	50.4
11	54.3	50.6	48.6	53.6	53.0	65.7	61.8	63.5	42.2	41.9	53.2	54.9
12	45.6	49.1	50.5	51.3	50.9	43.5	54.2	50.8	54.3	48.7	48.3	40.4
13	57.7	46.9	56.9	49.4	51.3	66.5	52.3	52.8	60.7	60.7	47.5	47.2
14	46.6	52.5	55.1	51.4	48.5	52.5	45.9	50.2	59.4	56.7	47.8	61.7
15	51.8	46.7	57.4	40.3	51.9	51.3	55.3	45.5	55.8	51.1	41.4	45.1
16	52.2	48.0	58.6	47.5	42.2	57.1	56.5	49.3	51.6	46.9	40.0	48.5
17	45.5	49.9	58.7	54.5	48.5	54.9	54.8	54.7	45.3	56.0	60.3	50.4
18	48.9	46.9	44.3	43.0	58.5	50.5	60.9	57.2	93.3	49.7	57.9	57.1
19	47.3	48.2	41.1	47.0	61.0	52.4	52.3	46.2	45.2	47.8	41.6	64.2
20	49.4	47.2	45.4	63.5	49.5	53.5	55.8	49.7	42.1	51.4	47.0	51.1
21	73.1	46.5	43.9	42.9	53.2	44.9	47.4	45.5	43.1	53.3	47.8	42.8
22	45.4	46.9	54.0	52.6	40.0	50.0	58.4	46.7	78.3	51.8	46.9	44.0
23	49.4	54.5	47.3	46.7	50.9	45.2	55.6	58.7	46.1	40.4	49.8	45.7
24	44.9	44.1	44.7	45.2	53.0	49.4	60.2	54.3	47.2	42.9	35.4	49.5
25	48.8	46.7	50.1	42.2	61.2	46.8	59.3	61.6	50.7	41.3	46.7	43.5
26	43.0	35.5	43.5	50.7	55.4	46.9	63.2	56.7	54.3	49.7	53.8	50.7
27	45.9	48.4	52.2	45.0	73.1	49.2	49.2	49.1	41.6	82.1	55.5	45.6
28	51.0	43.3	54.6	46.8	49.9	55.0	47.3	51.8	44.7	42.9	50.7	51.0
29	53.6	42.9	49.9	46.0	47.5	53.3	51.7	71.1	61.2	41.7	48.8	43.2
30	52.7		53.7	49.9	39.2	64.0	50.4	57.6	52.3	46.5	54.9	47.3
31	58.2		53.0		60.5		47.5	65.0		46.3		46.0
Avg	51.2	48.7	49.8	48.5	51.7	51.5	54.0	52.6	53.9	50.0	49.9	49.2
Min	43.0	35.5	41.0	40.0	39.2	39.2	41.0	41.9	41.6	40.4	35.4	40.4
Max	73.1	57.7	62.0	63.5	73.1	66.5	64.6	71.1	93.3	82.1	62.5	64.2

Point Loma Wastewater Treatment Plant
2008 Headworks Screenings Total Solids (% WT) at Point Loma

Day	Jan %WT	Feb %WT	Mar %WT	Apr %WT	May %WT	Jun %WT	Jul %WT	Aug %WT	Sep %WT	Oct %WT	Nov %WT	Dec %WT
1	47.3	47.1	59.5	48.3	54.5	46.9	28.0	40.5	48.8			
2	46.0	49.3	52.3	49.7	66.9	51.3	43.6	51.8	48.2			
3	50.1	51.7	53.0	49.4	53.0	41.7	45.8	56.2	41.9			
4	49.3	46.8	56.1	49.2	43.4	50.6	56.7	49.0	40.7			
5	46.7	46.9	56.4	45.4	58.5	51.5	58.2	44.9	47.9			
6	44.2	35.7	42.3	45.2	47.9	50.6	42.9	50.0	48.3			
7	33.7	47.2	46.5	54.3	45.5	47.7	35.4	42	47.0			
8				53.4	51.4	47.0	45.8	49.9	51.5			
9				48.0	40.5	47.9	47.3	45.8	45.8			
10	45.9	52.6	55.1	52.5	42.9	54.3	60.7	42.6	37.5			
11				57.4	52.9	35.7	43.1	49.6	45.6			
12				50.6	50.6	49.5	46.5	43.1	45.6			
13				45.2	45.6	40.5	28.0	35.7	37.5			
14				59.5	54.3	58.5	60.7	49.6	51.5			
15					53.4	47.0	45.8	49.6	45.8			
16					52.5	47.0	47.3	42.6	45.8			
17					52.9	47.0	60.7	42.6	45.8			
18					50.6	49.5	46.5	43.1	45.6			
19					45.6	40.5	28.0	35.7	37.5			
20					53.4	58.5	60.7	49.6	51.5			
21					48.0	47.0	47.3	42.6	45.8			
22					52.5	47.0	60.7	42.6	45.8			
23					57.4	47.0	43.1	49.6	45.8			
24					50.6	49.5	46.5	43.1	45.6			
25					45.6	40.5	28.0	35.7	37.5			
26					53.4	58.5	60.7	49.6	51.5			
27					48.0	47.0	47.3	42.6	45.8			
28					52.5	47.0	60.7	42.6	45.8			
29					57.4	47.0	43.1	49.6	45.8			
30					50.6	49.5	46.5	43.1	45.6			
31					45.6	40.5	28.0	35.7	37.5			
Avg	45.4	46.9	52.9	50.6	53.2	49.2	46.5	43.1	45.6			
Min	33.7	35.7	42.3	45.2	40.5	28.0	35.7	37.5	37.5			
Max	50.1	52.6	61.3	59.5	66.9	60.7	60.7	49.6	51.5			

Point Loma Wastewater Treatment Plant
2008 Sludge Screenings Total Solids (% WT) at Point Loma

Day	Jan %WT	Feb %WT	Mar %WT	Apr %WT	May %WT	Jun %WT	Jul %WT	Aug %WT	Sep %WT	Oct %WT	Nov %WT	Dec %WT
1	36.8	36.8	35.1	35.3	41.1	36.1	44.0	42.4	39.4	39.7	40.3	35.5
2	36.8	38.4	36.3	37.6	40.7	61.9	41.1	36.3	64.4	36.1	41.0	35.6
3	35.5	34.8	35.8	34.5	51.8	37.7	38.0	37.1	36.9	41.1	35.9	37.9
4	39.7	35.1	39.9	36.0	34.5	39.9	40.7	41.6	39.2	59.6	35.3	33.9
5	37.2	35.1	34.3	39.3	37.9	38.2	38.7	37.3	40.0	41.3	36.8	34.2
6	37.0	39.5	33.6	36.5	35.4	35.1	38.7	35.0	39.7	38.6	37.4	35.1
7	35.2	48.0	35.7	36.9	35.8	35.6	44.7	36.4	40.9	43.7	38.9	33.8
8	33.1	39.3	34.1	39.1	35.9	36.6	37.5	38.9	40.6	36.5	54.5	31.6
9	63.2	36.3	36.1	35.1	36.0	36.6	53.9	39.3	39.3	36.9	38.6	34.0
10	37.6	36.8	36.2	37.3	39.3	37.9	40.3	40.4	39.7	39.1	37.1	36.8
11	35.1	38.8	33.2	36.6	34.3	39.8	38.2	39.6	39.6	38.3	40.8	37.8
12	61.7	34.8	64.7	37.4	33.7	43.7	37.4	37.4	36.7	38.4	39.2	37.2
13	35.3	36.8	61.9	36.5	34.1	41.7	39.2	34.8	37.7	40.9	36.5	29.1
14	38.3	37.5	65.0	33.4	35.8	36.1	51.4	36.9	39.4	37.6	41.8	35.5
15	38.3	64.7	34.0	34.7	32.7	36.4	37.0	38.7	39.2	37.7	30.8	33.6
16	36.3	36.1	34.0	35.9	38.6	33.5	37.4	37.4	37.2	38.9	41.2	34.1
17	36.9	37.6	31.7	36.0	36.7	38.9	37.8	45.4	34.8	37.5	40.1	36.8
18	49.8	38.0	35.9	28.4	39.0	37.8	37.0	35.1	48.5	38.6	38.9	34.9
19	43.4	52.1	36.2	38.1	37.6	34.9	37.9	36.6	38.8	39.6	39.5	35.6
20	37.4	40.6	36.3	35.2	35.5	35.9	39.0	37.6	37.9	42.6	38.1	36.3
21	36.2	36.4	34.8	34.4	36.5	38.9	39.9	36.3	38.1	40.4	37.2	35.1
22	45.9	36.1	50.0	34.9	37.8	36.9	38.6	36.7	39.3	35.1	39.8	44.5
23	41.1	47.0	34.4	37.1	36.3	39.7	41.6	36.6	38.7	54.5	37.9	35.6
24	38.3	37.2	37.4	36.2	51.8	36.6	39.9	45.6	38.7	56.5	49.2	33.9
25	43.6	35.1	35.7	35.9	38.1	40.9	39.4	39.5	41.2	37.9	35.8	33.1
26	38.3	34.7	36.4	34.3	36.7	40.7	39.4	43.5	37.3	39.4	35.6	36.1
27	38.9	35.0	36.1	39.5	35.4	43.3	41.7	39.0	41.4	52.0	37.0	33.0
28	37.8	42.3	37.8	37.0	40.4	40.4	39.0	39.4	37.3	35.9	38.4	34.2
29	36.7	36.8	44.2	37.3	37.8	35.8	39.9	41.5	40.5	39.1	33.3	32.2
30	54.6	36.8	35.3	38.4	39.1	44.0	37.8	37.2	38.8	38.4	35.5	36.4
31	36.3		37.6	36.1	36.1			38.9		38.9		0.0
Avg	40.6	39.2	39.0	36.2	37.8	39.1	40.2	38.7	40.0	41.0	38.7	34.0
Min	33.1	34.7	31.7	28.4	32.7	33.5	37.0	34.8	34.8	35.1	30.8	0.0
Max	63.2	64.7	65.0	39.5	51.8	61.9	53.9	45.6	64.4	59.6	54.5	44.5

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)

From: 01-JUN-2008 to 30-JUN-2008

Source: PLR
Sample ID: P429480
Sample Date: 06-JUN-08

Constituent	MDL	Units	Total	Total	TTLC	W.E.T.	STLC	40 CFR 503	CA Health &
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Safety code
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	Limits ***
Antimony	.5	MG/KG	2.5	1.245	500	*	15.00		
Arsenic	.33	MG/KG	1.32	.65	500	*	5.00	41	
Barium	.05	MG/KG	234	116.5	10000	*	100.00		
Beryllium	.02	MG/KG	ND	ND	75	*	.75		
Cadmium	.1	MG/KG	.49	.244	100	*	1.00	39	
Chromium (VI)			NA	NA	500	NA	5.00		
Chromium	.3	MG/KG	35.6	17.73	2500	*	560.00	1,200	
Cobalt	.2	MG/KG	2.21	1.101	8000	*	80.00		
Copper	.4	MG/KG	476	237	2500	*	25.00	1,500	2,500
Lead	2	MG/KG	32.9	16.4	1000	*	5.00	300	350
Mercury	0	MG/KG	.42	.209	20	*	.20	17	
Molybdenum	.1	MG/KG	6.12	3.05	3500	*	350.00		
Nickel	.3	MG/KG	33.6	16.733	2000	*	20.00	420	2,000
Selenium	.24	MG/KG	.5	.249	100	*	1.00	100	
Silver	.07	MG/KG	2.23	1.111	500	*	5.00		
Thallium	1	MG/KG	ND	ND	700	*	7.00		
Vanadium	.2	MG/KG	10.4	5.179	2400	*	24.00		
Zinc	8	MG/KG	236	118	5000	*	250.00	2,800	
Fluoride			NA	NA	18000	NA	180.00		
Sulfides-Reactive			NA	NA					
Sulfides-Total			NA	NA					
Total Solids	0	WT%	49.8						
Total Volatile Solids	.11	WT%	46.25						
pH	.08	PH	6.42		>2 - <12				
Aldrin	.015	MG/KG	ND	ND	1.4	*	.14		
Chlordanes	.006	MG/KG	.012	.006	2.5	*	.25		
DDT, DDE, DDD	.011	MG/KG	.03	.013	1.0	*	.10		
2,4-D	2.66	MG/KG	ND	ND	100	*	10.00		
Dieldrin	.015	MG/KG	ND	ND	8.0	*	.80		
Endrin	.008	MG/KG	ND	ND	0.2	*	.02		
Heptachlor	.006	MG/KG	ND	ND	4.7	*	.47		
Kepone			NA	NA	21	NA	2.10		
Lindane	0	MG/KG	ND	ND	4.0	*	.40		
Methoxychlor	0	MG/KG	ND	ND	100	*	10.00		
Mirex	.006	MG/KG	ND	ND	21	*	2.10		
Pentachlorophenol	1.17	MG/KG	ND	ND	17	*	1.70		
PCBs (Arochlors)	.58	MG/KG	ND	ND	50	*	5.00		
Toxaphene	.13	MG/KG	ND	ND	5	*	.50		
Trichloroethene	.025	MG/KG	ND	ND	2040	*	204.00		
2,4,5-TP	2.87	MG/KG	ND	ND	10	*	1.00		

TTLC = Total Threshold Limit Concentration.
 STLC = Soluble Threshold Limit Concentration.
 W.E.T. = Waste Extraction Technique.
 * = The total wet concentration is less than 10 times the STLC. Therefore by definition, this substance is present in concentrations that are less than the limits for hazardous wastes.
 ** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".
 *** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.
 NA = Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required
 MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)
 MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.

POINT LOMA WASTEWATER TREATMENT PLANT
 CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
 Metro Biosolids Center Dewatered Sludge

From: 01-NOV-2008 to 31-DEC-2008

Source: PLR
 Sample ID: P446391
 Sample Date: 03-NOV-08

Constituent	MDL	Units	Total	Total	TTL	W.E.T.	STLC	40 CFR 503	CA Health & Safety code
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Limits ***
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	.5	MG/KG	.76	.352	500	*	15.00		
Arsenic	.33	MG/KG	1.12	.52	500	*	5.00	41	
Barium	.05	MG/KG	131	60.7	10000	*	100.00		
Beryllium	.02	MG/KG	ND	ND	75	*	.75		
Cadmium	.1	MG/KG	.25	.116	100	*	1.00	39	
Chromium (VI)			NA	NA	500	NA	5.00		
Chromium	.3	MG/KG	15.1	7	2500	*	560.00	1,200	
Cobalt	.2	MG/KG	1.75	.811	8000	*	80.00		
Copper	.4	MG/KG	249	115.4	2500	*	25.00	1,500	2,500
Lead	2	MG/KG	16.6	7.7	1000	*	5.00	300	350
Mercury	0	MG/KG	.24	.113	20	*	.20	17	
Molybdenum	.1	MG/KG	4.23	1.96	3500	*	350.00		
Nickel	.3	MG/KG	14.2	6.582	2000	*	20.00	420	2,000
Selenium	.24	MG/KG	.73	.337	100	*	1.00	100	
Silver	.07	MG/KG	4.33	2.007	500	*	5.00		
Thallium	1	MG/KG	ND	ND	700	*	7.00		
Vanadium	.2	MG/KG	8.68	4.023	2400	*	24.00		
Zinc	8	MG/KG	262	121	5000	*	250.00	2,800	
Fluoride			NA	NA	18000	NA	180.00		
Sulfides-Reactive			NA	NA					
Sulfides-Total			NA	NA					
Total Solids	0	WT%	46.35						
Total Volatile Solids	.11	WT%	54.2						
pH	.08	PH	5.7		>2 - <12				
Aldrin	.071	MG/KG	ND	ND	1.4	*	.14		
Chlordanes	.048	MG/KG	ND	ND	2.5	*	.25		
DDT, DDE, DDD	.071	MG/KG	ND	ND	1.0	*	.10		
2,4-D	2.66	MG/KG	ND	ND	100	*	10.00		
Dieldrin	.035	MG/KG	ND	ND	8.0	*	.80		
Endrin	.035	MG/KG	ND	ND	0.2	*	.02		
Heptachlor	.016	MG/KG	ND	ND	4.7	*	.47		
Kepone			NA	NA	21	NA	2.10		
Lindane	0	MG/KG	ND	ND	4.0	*	.40		
Methoxychlor	.1	MG/KG	ND	ND	100	*	10.00		
Mirex	.018	MG/KG	ND	ND	21	*	2.10		
Pentachlorophenol	1.17	MG/KG	ND	ND	17	*	1.70		
PCBs (Arochlors)	.58	MG/KG	ND	ND	50	*	5.00		
Toxaphene	.13	MG/KG	ND	ND	5	*	.50		
Trichloroethene	.003	MG/KG	ND	ND	2040	*	204.00		
2,4,5-TP	2.87	MG/KG	ND	ND	10	*	1.00		

TTL = Total Threshold Limit Concentration.
 STLC = Soluble Threshold Limit Concentration.
 W.E.T. = Waste Extraction Technique.
 * = The total wet concentration is less than 10 times the STLC. Therefore by definition, this substance is present in concentrations that are less than the limits for hazardous wastes.
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 NA = Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required
 MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)
 MCBCEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY GRIT COMPOSITES
 Inorganics and Organics

From: 01-JAN-2008 to: 31-DEC-2008

Analyte:	MDL	Units:	GRIT COMP	GRIT COMP
			06-JUN-2008	03-NOV-2008
			P429480	P446391
=====	=====	=====	=====	=====
Aluminum	4	MG/KG	2640	2700
Antimony	.5	MG/KG	2.5	0.8
Arsenic	.33	MG/KG	1.32	1.12
Barium	.05	MG/KG	234.0	131.0
Beryllium	.02	MG/KG	ND	ND
Cadmium	.1	MG/KG	0.5	0.3
Chromium	.3	MG/KG	36	15
Cobalt	.2	MG/KG	2.2	1.8
Copper	.4	MG/KG	476	249
Iron	20	MG/KG	22400	17000
Lead	2	MG/KG	33	17
Manganese	.2	MG/KG	128	111
Mercury	.003	MG/KG	0.42	0.24
Molybdenum	.1	MG/KG	6.1	4.2
Nickel	.3	MG/KG	34	14
Selenium	.24	MG/KG	0.50	0.73
Silver	.07	MG/KG	2.2	4.3
Thallium	1	MG/KG	ND	ND
Vanadium	.2	MG/KG	10.4	8.7
Zinc	8	MG/KG	236	262
Fluoride		MG/KG	NA	NA
Sulfides-Reactive		MG/KG	NA	NA
Sulfides-Total		MG/KG	NA	NA
pH	.08	PH	6.42	5.70
Total Solids	.24	WT%	49.8	46.4
Total Volatile Solids	.11	WT%	46.3	54.2
Aldrin	71000	MG/KG	ND	ND
2,4-dichlorophenoxyacetic acid	2.66	MG/KG	ND	ND
Dieldrin	35000	MG/KG	ND	ND
Endrin	35000	MG/KG	ND	ND
Heptachlor	16000	MG/KG	ND	ND
Kepone		MG/KG	NA	NA
BHC, Gamma isomer	18000	MG/KG	ND	ND
Methoxychlor	71000	MG/KG	ND	ND
Pentachlorophenol	1170	MG/KG	ND	ND
Toxaphene	130000	MG/KG	ND	ND
Trichloroethene	25.3	MG/KG	ND	ND
2,4,5-TP (Silvex)	2.87	MG/KG	ND	ND
Cyanides, Total		MG/KG	NA	NA

NA= Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required

POINT LOMA WASTEWATER TREATMENT PLANT
GRIT- Chlorinated Pesticide Analysis

From 01-JAN-2008 To 31-DEC-2008
Grit

Analyte	MDL	Units	PLR	PLR
			06-JUN-2008 P429480	03-NOV-2008 P446391
Aldrin	71000	NG/KG	ND	ND
Dieldrin	35000	NG/KG	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND
o,p-DDD	28000	NG/KG	ND	ND
o,p-DDE	52000	NG/KG	ND	ND
o,p-DDT	71000	NG/KG	ND	ND
p,p-DDD	18000	NG/KG	ND	ND
p,p-DDE	28000	NG/KG	6350	ND
p,p-DDT	35000	NG/KG	19000	ND
Heptachlor	16000	NG/KG	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	ND	ND
Gamma (trans) Chlordane	48000	NG/KG	12000	ND
Alpha Chlordene		NG/KG	NA	NA
Gamma Chlordene		NG/KG	NA	NA
Oxychlordane	28000	NG/KG	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND
Cis Nonachlor	52000	NG/KG	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND
Endrin	35000	NG/KG	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND
Toxaphene	130000	NG/KG	ND	ND
Mirex	18000	NG/KG	ND	ND
Methoxychlor	71000	NG/KG	ND	ND
PCB 1016	260000	NG/KG	ND	ND
PCB 1221	580000	NG/KG	ND	ND
PCB 1232	220000	NG/KG	ND	ND
PCB 1242		NG/KG	ND	ND
PCB 1248	310000	NG/KG	ND	ND
PCB 1254	130000	NG/KG	ND	ND
PCB 1260	86000	NG/KG	ND	ND
PCB 1262		NG/KG	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0
DDT and derivatives	71000	NG/KG	25350	0
Chlordane + related cmpds.	52000	NG/KG	12000	0
Polychlorinated biphenyls	580000	NG/KG	0	0
Chlorinated Hydrocarbons	580000	NG/KG	37350	0

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
GRIT - ANALYSIS-ACID EXTRACTABLE COMPOUNDS

From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	PLR	PLR
			06-JUN-2008 P429480	03-NOV-2008 P446391
2-chlorophenol	1310	UG/KG	ND	ND
2,4-dichlorophenol	914	UG/KG	ND	ND
4-chloro-3-methylphenol	1900	UG/KG	ND	ND
2,4,6-trichlorophenol	1600	UG/KG	ND	ND
Pentachlorophenol	1170	UG/KG	ND	ND
Phenol	1440	UG/KG	ND	ND
2-nitrophenol	1600	UG/KG	ND	ND
2,4-dimethylphenol	1070	UG/KG	ND	ND
2,4-dinitrophenol		UG/KG	ND	ND
4-nitrophenol		UG/KG	ND	ND
2-methyl-4,6-dinitrophenol		UG/KG	ND	ND
Total Chlorinated Phenols	1900	UG/KG	0.0	0.0
Total Non-Chlorinated Phenols	1600	UG/KG	0.0	0.0
Phenols	1900	UG/KG	0.0	0.0

nd= not detected, NA= not analyzed NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
GRIT - Priority Pollutants Base/Neutral Compounds

From 01-JAN-2008 to 31-DEC-2008

Date: Sample:	MDL	Units	PLR	PLR
			06-JUN-2008 P429480	03-NOV-2008 P446391
=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	1420	UG/KG	ND	ND
1,3-dichlorobenzene	733	UG/KG	ND	ND
1,2-dichlorobenzene	342	UG/KG	767	414
1,4-dichlorobenzene	1270	UG/KG	4160	ND
Bis-(2-chloroisopropyl) ether	1090	UG/KG	ND	ND
N-nitrosodi-n-propylamine	1360	UG/KG	ND	ND
Nitrobenzene	2800	UG/KG	ND	ND
Hexachloroethane	382	UG/KG	ND	ND
Isophorone	1820	UG/KG	ND	ND
bis(2-chloroethoxy)methane	1630	UG/KG	ND	ND
1,2,4-trichlorobenzene	979	UG/KG	ND	ND
Naphthalene	2150	UG/KG	ND	ND
Hexachlorobutadiene	940	UG/KG	ND	ND
Hexachlorocyclopentadiene	1890	UG/KG	ND	ND
2-chloronaphthalene		UG/KG	ND	ND
Acenaphthylene	584	UG/KG	ND	ND
Dimethyl phthalate	356	UG/KG	ND	ND
2,6-dinitrotoluene	1890	UG/KG	ND	ND
Acenaphthene	863	UG/KG	ND	ND
2,4-dinitrotoluene	1030	UG/KG	ND	ND
Fluorene	2520	UG/KG	ND	ND
4-chlorophenyl phenyl ether	362	UG/KG	ND	ND
Diethyl phthalate	1400	UG/KG	ND	ND
N-nitrosodiphenylamine	1330	UG/KG	ND	ND
4-bromophenyl phenyl ether	1030	UG/KG	ND	ND
Hexachlorobenzene	813	UG/KG	ND	ND
Phenanthrene	1040	UG/KG	ND	ND
Anthracene	986	UG/KG	ND	ND
Di-n-butyl phthalate	1450	UG/KG	5810	ND
N-nitrosodimethylamine		UG/KG	ND	ND
Fluoranthene	216	UG/KG	1210	479
Pyrene	1150	UG/KG	<1150	ND
Butyl benzyl phthalate	2210	UG/KG	2610	<2210
Chrysene	352	UG/KG	378	389
Benzo[A]anthracene	1100	UG/KG	<1100	ND
Bis-(2-ethylhexyl) phthalate	3960	UG/KG	7190	5240
Di-n-octyl phthalate	3460	UG/KG	ND	ND
Benzo[K]fluoranthene	1930	UG/KG	ND	ND
3,4-benzo(B)fluoranthene	1127	UG/KG	ND	ND
Benzo[A]pyrene	741	UG/KG	765	ND
Indeno(1,2,3-CD)pyrene	953	UG/KG	ND	ND
Dibenzo(A,H)anthracene	616	UG/KG	ND	ND
Benzo[G,H,I]perylene	301	UG/KG	ND	ND
1,2-diphenylhydrazine	1590	UG/KG	ND	ND
=====	=====	=====	=====	=====
Polynuc. Aromatic Hydrocarbons	2520	UG/KG	1143	389
Total Dichlorobenzenes	733	UG/KG	767	414
=====	=====	=====	=====	=====
Base/Neutral Compounds	3960	UG/KG	22890	6522

nd= not detected, NA= not analyzed, NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
 GRIT - Priority Pollutants Purgeable Compounds

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	PLR	PLR
			06-JUN-2008 P429480	03-NOV-2008 P446391
Chloromethane	25.8	UG/KG	ND	ND
Bromomethane	29.2	UG/KG	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND
Chloroethane	61	UG/KG	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND
Methylene chloride	62.5	UG/KG	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND
Chloroform	25.6	UG/KG	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND
Benzene	26.5	UG/KG	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND
Bromoform	26.1	UG/KG	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND
Chlorobenzene	31.1	UG/KG	ND	ND
Toluene	48	UG/KG	81.1	61.0
Ethylbenzene	90.5	UG/KG	ND	8.1
Acrylonitrile	275	UG/KG	ND	ND
Acrolein	70.9	UG/KG	ND	ND
Halomethane Purgeable Cmpnds	29.2	UG/KG	0.0	0.0
Purgeable Compounds	275	UG/KG	81.1	69.1

Additional volatile organic compounds determined;

Allyl chloride	25	UG/KG	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND
meta,para xylenes	35	UG/KG	ND	9.8
Styrene	19	UG/KG	ND	7.3
1,2,4-trichlorobenzene	979	UG/KG	ND	ND
Methyl Iodide	19	UG/KG	ND	ND
Chloroprene	17	UG/KG	ND	ND
Methyl methacrylate	36	UG/KG	ND	ND
2-nitropropane	45.8	UG/KG	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND
Isopropylbenzene	17	UG/KG	ND	ND
Benzyl chloride	38	UG/KG	ND	ND
ortho-xylene	23	UG/KG	ND	4.9
Acetone	185	UG/KG	11100.0	9270.0
Carbon disulfide	34	UG/KG	41.9	53.6
2-butanone	36.3	UG/KG	3010.0	2480.0
1,2-dichlorobenzene	28.7	UG/KG	ND	22.4
1,3-dichlorobenzene	16.1	UG/KG	ND	ND
1,4-dichlorobenzene	1.5	UG/KG	282.0	176.0

nd= not detected, NA= not analyzed, NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
 GRIT - Herbicides

From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	PLR	PLR
			06-JUN-2008	03-NOV-2008
			P429480	P446391
=====	=====	=====	=====	=====
2,4-dichlorophenoxyacetic acid	2.66	MG/KG	ND	ND
2,4,5-TP (Silvex)	2.87	MG/KG	ND	ND

nd=not detected; NS=not sampled; NA=not analyzed

I. Raw Sludge Data Summary

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL REPORT
YEAR: 2008

Raw Sludge Daily Average of 3 Shifts by Month

Month	pH	%Total Solids	%Total Volatile Solids
January	6.32	3.3	76.5
February	6.42	3.2	78.1
March	6.08	3.4	77.2
April	6.21	3.4	78.6
May	6.05	3.7	78.4
June	5.93	3.7	77.5
July	5.80	3.7	77.7
August	5.91	3.5	78.0
September	6.10	3.2	78.2
October	6.29	2.8	79.0
November	6.30	2.9	79.3
December	6.36	3.0	78.6
Averages	6.15	3.3	78.1

J. Digester and Digested Sludge Data Summary

Point Loma Wastewater Treatment Plant Annual Report
 Digesters
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N1P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2008	7.05	1.9	56.1	2680	50	62.1	37.7
FEBRUARY -2008	7.15	1.9	56.3	2790	53	61.8	37.9
MARCH -2008	7.08	1.8	57.8	2650	67	61.4	38.5
APRIL -2008	7.03	1.8	58.1	2380	61	62.0	37.8
MAY -2008	7.03	1.8	58.4	2230	56	61.5	38.3
JUNE -2008	7.03	2.0	58.5	2270	57	61.6	38.3
JULY -2008	7.01	2.1	58.6	2150	57	61.8	37.9
AUGUST -2008	7.01	2.2	58.8	2110	56	61.8	37.9
SEPTEMBER-2008	7.01	2.2	58.2	2100	50	62.1	37.8
OCTOBER -2008	7.02	2.0	57.9	2150	42	61.9	37.9
NOVEMBER -2008	7.03	2.0	59.1	2150	45	61.7	38.2
DECEMBER -2008	7.03	2.0	58.1	2220	37	61.8	38.1
Average:	7.04	2.0	58.0	2323	53	61.8	38.0

N2P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2008	7.14	1.8	56.4	2810	50	62.3	37.6
FEBRUARY -2008	7.20	1.8	55.9	2970	58	62.0	37.8
MARCH -2008	7.15	1.8	57.6	2890	68	61.3	38.6
APRIL -2008	7.11	1.7	57.9	2560	64	62.0	37.8
MAY -2008	7.11	1.8	58.1	2440	57	61.6	38.2
JUNE -2008	7.07	1.9	58.3	2380	56	61.8	38.1
JULY -2008	7.12	1.9	58.0	2440	59	61.9	37.8
AUGUST -2008	7.12	2.1	58.4	2680	61	61.8	37.9
SEPTEMBER-2008	7.07	2.1	58.4	2320	53	62.2	37.6
OCTOBER -2008	7.07	1.8	58.3	2080	42	62.2	37.7
NOVEMBER -2008	7.09	1.8	59.2	2280	48	61.8	38.1
DECEMBER -2008	7.11	1.9	57.8	2430	40	61.8	38.0
Average:	7.11	1.9	57.9	2523	55	61.9	37.9

C1P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)	H2S ppm
JANUARY -2008	7.11	2.0	56.9	2680	52	62.5	37.2	22
FEBRUARY -2008	7.15	2.1	55.8	2760	59	62.2	37.6	22
MARCH -2008	7.10	1.9	58.8	2650	68	61.5	38.3	35
APRIL -2008	7.05	1.8	58.9	2390	63	62.2	37.6	36
MAY -2008	7.05	1.9	59.2	2220	63	61.8	38.0	34
JUNE -2008	7.04	2.0	59.6	2190	58	61.9	37.9	31
JULY -2008	7.03	2.3	58.6	2100	59	62.2	37.5	36
AUGUST -2008	7.01	2.3	58.9	2070	58	62.1	37.5	34
SEPTEMBER-2008	7.03	2.2	58.7	2070	54	62.6	37.1	28
OCTOBER -2008	7.06	2.1	58.9	2120	46	62.4	37.4	34
NOVEMBER -2008	7.04	2.1	59.8	2100	48	62.2	37.7	35
DECEMBER -2008	7.06	2.0	58.0	2190	42	62.2	37.5	29
Average:	7.06	2.1	58.5	2295	56	62.2	37.6	31

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C2P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2008	7.13	2.0	56.8	2570	56	62.6	37.1
FEBRUARY -2008	7.15	1.9	56.7	2730	59	62.3	37.5
MARCH -2008	7.11	1.8	58.5	2620	71	61.6	38.3
APRIL -2008	7.05	1.8	59.2	2340	64	62.3	37.5
MAY -2008	7.04	1.9	59.9	2170	61	61.9	37.9
JUNE -2008	7.04	2.0	59.9	2160	62	62.0	37.8
JULY -2008	7.03	2.3	58.9	2100	61	62.3	37.5
AUGUST -2008	7.00	2.2	59.9	2010	60	62.2	37.6
SEPTEMBER-2008	7.02	2.2	59.6	2040	54	62.7	37.1
OCTOBER -2008	7.05	2.0	59.1	2120	44	62.3	37.5
NOVEMBER -2008	7.03	2.1	60.7	2050	48	62.0	37.9
DECEMBER -2008	7.04	2.0	59.2	2120	39	62.1	37.7
=====	=====	=====	=====	=====	=====	=====	=====
	7.06	2.0	59.0	2253	57	62.2	37.6

S1P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2008	7.09	2.1	58.2	2590	52	62.6	37.2
FEBRUARY -2008	7.14	2.0	57.9	2690	59	62.3	37.4
MARCH -2008	7.10	1.9	59.2	2560	68	61.5	38.3
APRIL -2008	7.01	2.0	60.1	2270	64	62.1	37.6
MAY -2008	7.02	2.1	59.7	2110	55	61.7	38.1
JUNE -2008	7.02	2.3	60.5	2100	59	61.9	37.8
JULY -2008	6.99	2.3	60.2	1990	58	62.1	37.6
AUGUST -2008	6.98	2.4	61.2	1910	56	62.0	37.7
SEPTEMBER-2008	7.00	2.3	60.7	1910	50	62.6	37.1
OCTOBER -2008	7.01	2.4	59.8	2050	42	62.3	37.5
NOVEMBER -2008	7.03	2.3	61.4	1930	46	61.8	37.9
DECEMBER -2008	7.04	2.2	60.4	1990	36	62.1	37.7
=====	=====	=====	=====	=====	=====	=====	=====
	7.04	2.2	59.9	2175	54	62.1	37.7

S2P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2008	7.11	2.0	58.4	2450	50	62.5	37.2
FEBRUARY -2008	7.13	2.1	58.5	2590	60	62.0	37.7
MARCH -2008	7.07	1.9	60.4	2410	68	61.5	38.3
APRIL -2008	7.02	1.9	61.0	2100	64	62.0	37.7
MAY -2008	7.02	2.0	60.8	1990	56	61.6	38.2
JUNE -2008	7.02	2.1	60.0	2020	56	61.9	37.9
JULY -2008	7.03	2.3	60.1	1960	59	62.2	37.5
AUGUST -2008	6.98	2.3	61.1	1900	57	62.1	37.6
SEPTEMBER-2008	6.99	2.3	60.8	1900	52	62.5	37.2
OCTOBER -2008	7.04	2.2	60.5	2000	43	62.2	37.6
NOVEMBER -2008	7.04	2.1	61.0	1960	44	62.0	37.7
DECEMBER -2008	7.05	2.1	60.6	2010	38	61.9	37.9
=====	=====	=====	=====	=====	=====	=====	=====
	7.04	2.1	60.3	2108	54	62.0	37.7

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DIG 7

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2008	7.19	3.5	54.4	2740	51	62.4	37.4
FEBRUARY -2008	7.23	1.8	55.9	2850	57	62.1	37.6
MARCH -2008	7.18	1.8	57.8	2720	67	61.8	37.9
APRIL -2008	7.13	1.7	58.1	2430	63	62.4	37.3
MAY -2008	7.13	1.8	58.3	2290	60	62.1	37.6
JUNE -2008	7.15	1.9	58.4	2330	58	62.2	37.5
JULY -2008	7.13	2.0	58.7	2220	59	62.6	37.0
AUGUST -2008	7.11	2.1	59.4	2150	61	62.7	36.8
SEPTEMBER-2008	7.11	2.1	59.1	2150	56	62.8	36.8
OCTOBER -2008	7.14	1.9	57.9	2200	44	62.9	36.7
NOVEMBER -2008	7.14	1.9	58.8	2190	46	62.9	36.7
DECEMBER -2008	7.14	1.9	58.1	2240	39	63.0	36.5
=====	=====	=====	=====	=====	=====	=====	=====
	7.15	2.0	57.9	2376	55	62.5	37.2

DIG 8

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2008	7.10	1.9	57.8	2550	50	62.2	37.5
FEBRUARY -2008	7.17	1.9	58.0	2640	59	61.8	37.9
MARCH -2008	7.12	1.9	60.1	2460	72	61.2	38.6
APRIL -2008	7.06	1.8	60.0	2170	66	62.0	37.8
MAY -2008	7.05	1.9	60.0	2070	60	61.4	38.4
JUNE -2008	7.07	2.0	59.2	2250	56	61.7	38.1
JULY -2008	7.09	2.0	59.4	2160	60	62.1	37.5
AUGUST -2008	7.06	2.1	59.6	2110	59	61.9	37.8
SEPTEMBER-2008	7.08	2.1	59.6	2080	54	62.4	37.5
OCTOBER -2008	7.10	2.0	59.1	2150	47	62.2	37.6
NOVEMBER -2008	7.05	2.0	59.7	2140	46	61.9	38.0
DECEMBER -2008	7.07	1.9	58.4	2200	39	61.9	37.8
=====	=====	=====	=====	=====	=====	=====	=====
	7.09	2.0	59.2	2248	56	61.9	37.9

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