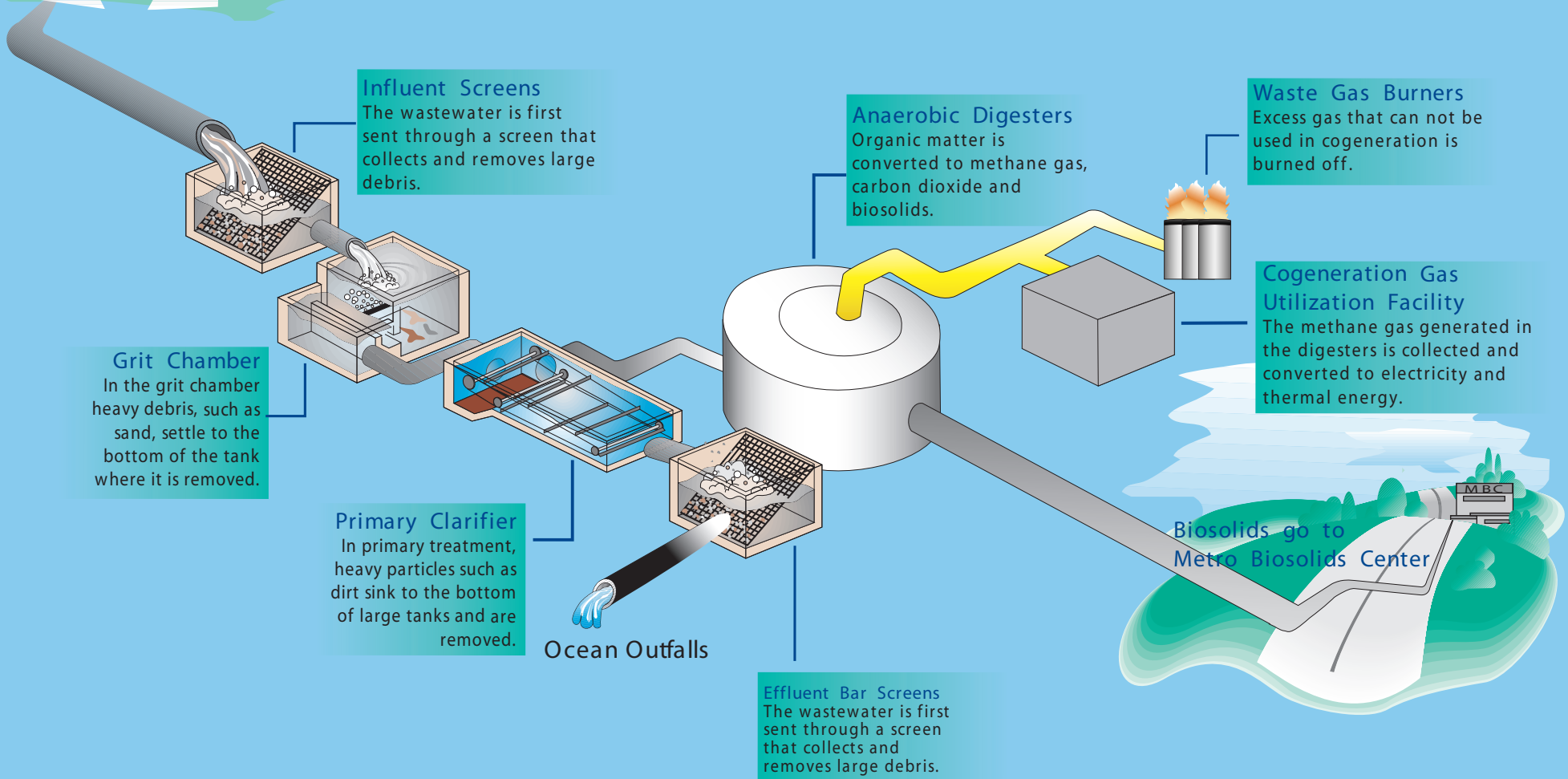
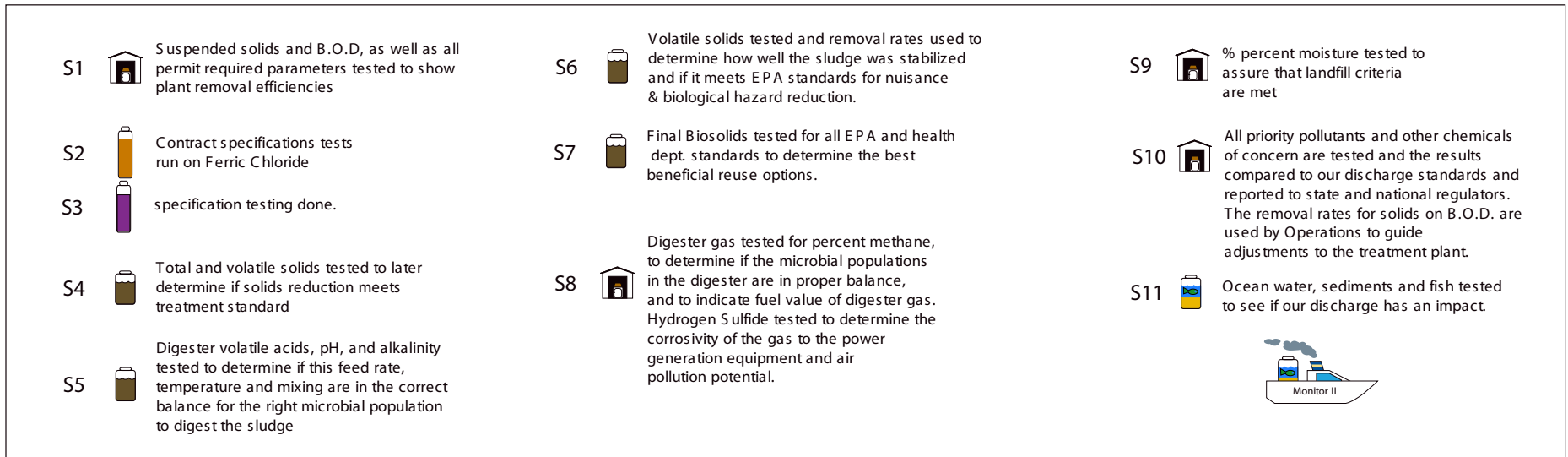


Point Loma Wastewater Treatment Plant Process

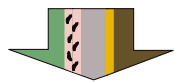
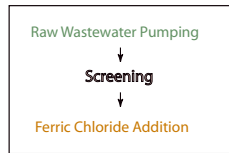


POINT LOMA TREATMENT PLANT PROCESS FLOW DIAGRAM

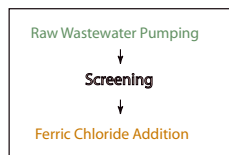
Wastewater Laboratory Testing



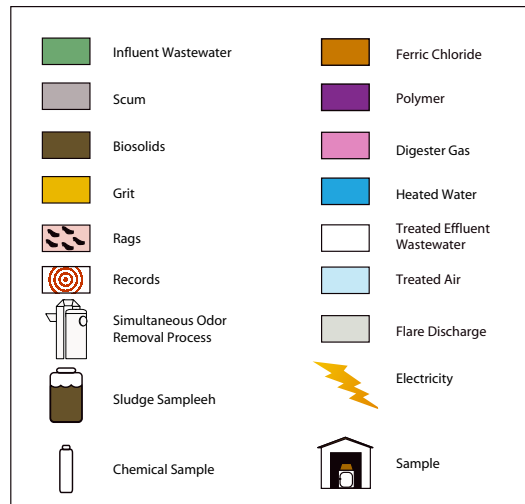
Pump Station 1



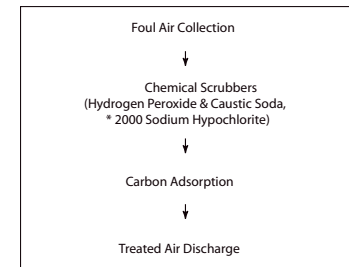
Pump Station 2



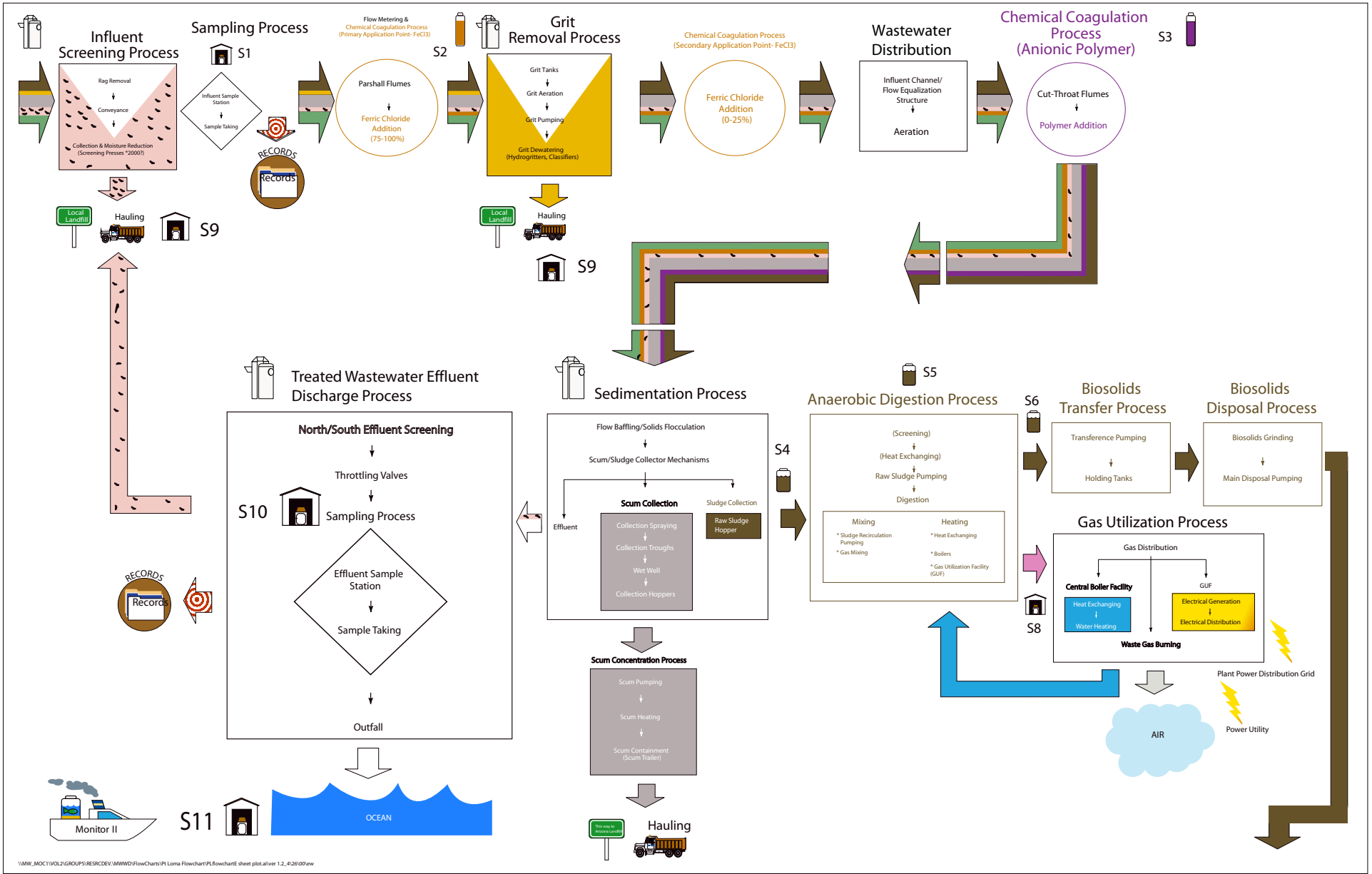
Legend



Odor Removal Process



Point Loma Wastewater Treatment Plant



\\WWW_MOC1VOL2\GROUPS\RESRC\DEV\MMWDF\FlowCharts\PL Loma Flowchart\PLflowchart1 sheet plot.aliver 1.2_426\00\ew



- 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 - 2005

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	214.5		223.1	223.1	70.9
02	216.8		230.0	265.4	74.2
03	204.1		215.6	215.6	70.5
04	180.6		193.6	193.4	65.3
05	178.6		182.0	182.2	63.9
06	175.8		183.5	183.5	63.6
07	173.0		176.3	176.3	63.6
08	171.4		187.0	186.9	63.9
09	170.6		190.5	190.3	62.4
10	173.0		179.4	172.7	61.6
11	170.3		179.2	163.7	61.4
12	169.3		179.9	165.9	58.8
avg	183.2		193.3	193.2	65.0
sum	2,198.0		2,320.1	2,318.9	780.0

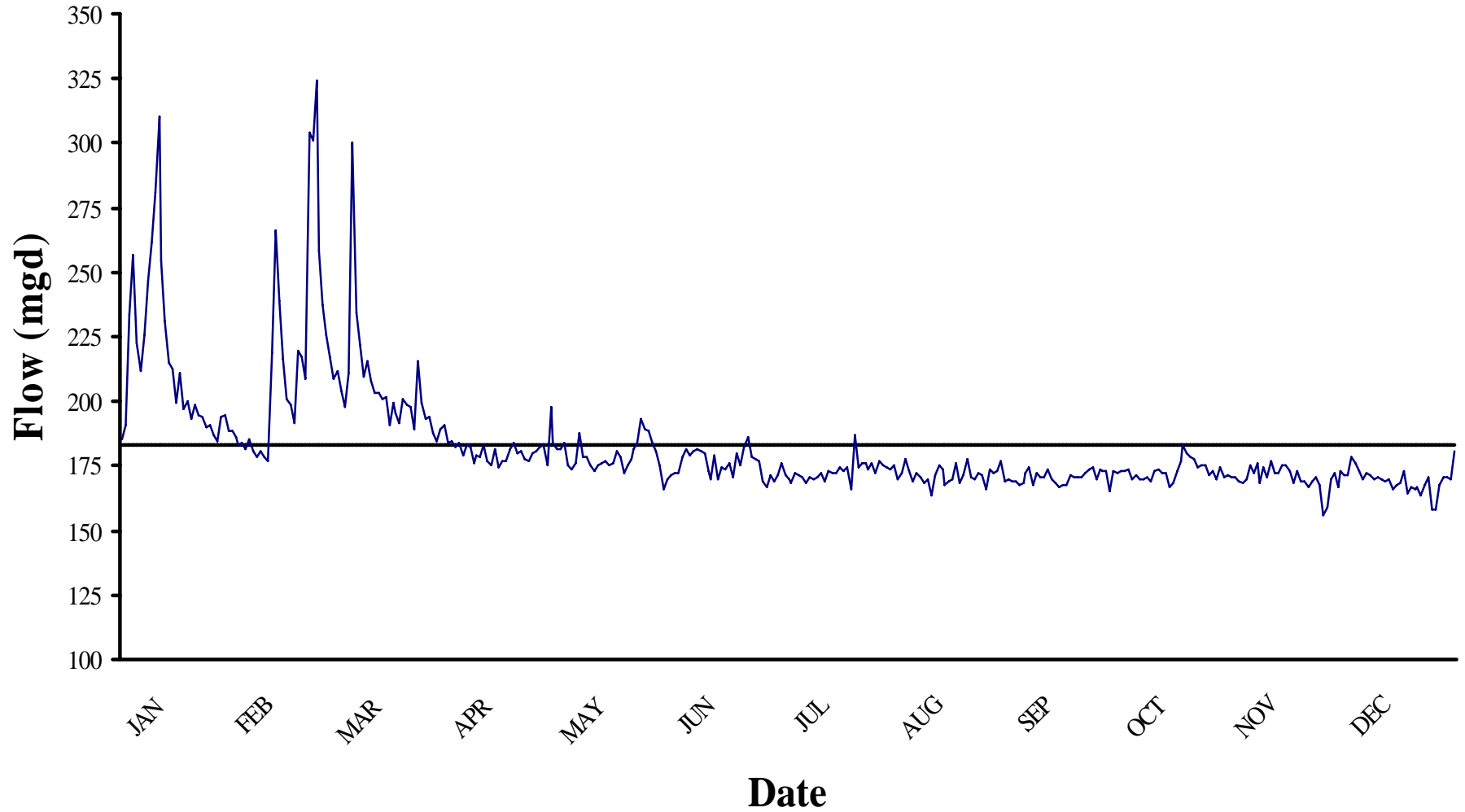
WASTEWATER FLOWS

Monthly Total Flows - Millions of Gallons

Mon	Pt. L Gould	Pt. L ADS	PS#2 Flow	PS#2 Pumps	PS#1 Flows
01	6,649		6,917	6,917	2,199
02	6,071		6,441	7,430	2,076
03	6,328		6,682	6,682	2,185
04	5,418		5,808	5,802	1,960
05	5,536		5,642	5,647	1,980
06	5,274		5,506	5,506	1,908
07	5,362		5,465	5,465	1,971
08	5,312		5,796	5,793	1,980
09	5,119		5,715	5,710	1,873
10	5,364		5,561	5,353	1,910
11	5,108		5,375	4,910	1,842
12	5,247		5,578	5,143	1,822
avg	5,566		5,874	5,863	1,975
sum	66,789		70,485	70,359	23,706

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.

Point Loma Wastewater Treatment Plant 2005 Daily Flows (mgd)

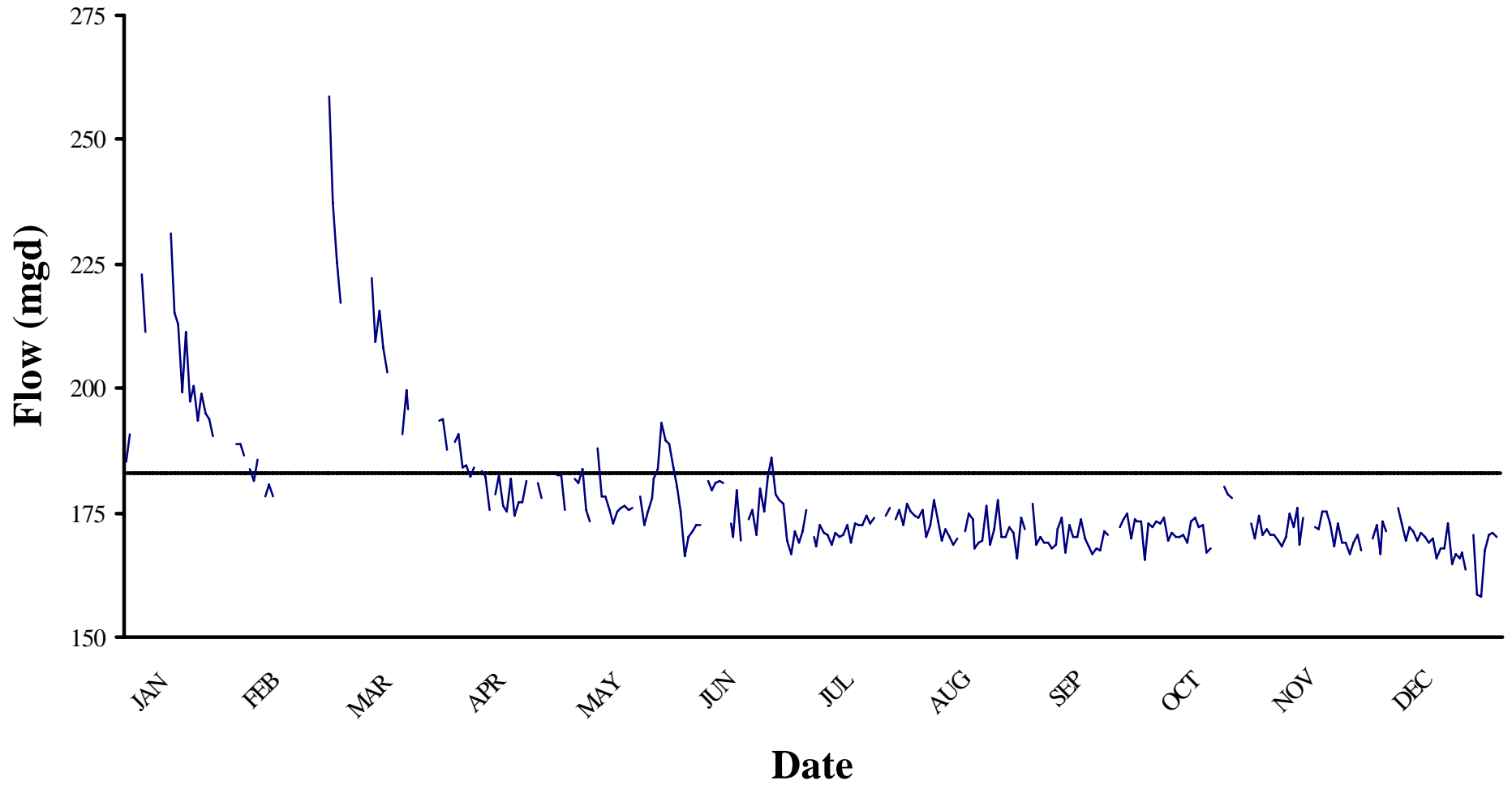


Point Loma Wastewater Treatment Plant

2005 Flows (mgd)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	185.5	186.4	211.7	184.4	181.2	172.6	171.2	170.1	169.0	173.1	170.6	171.4	
2	190.6	183.3	204.4	182.3	183.9	172.4	170.1	172.4	169.1	172.8	169.3	171.1	
3	233.2	183.6	197.9	184.1	175.7	178.3	168.2	177.5	167.8	174.1	168.1	178.2	
4	257.1	181.4	210.8	179.0	173.4	181.4	172.4	173.2	168.5	169.5	170.2	176.0	
5	222.9	185.7	300.5	183.4	176.2	179.4	171.1	169.3	171.8	171.2	175.0	172.9	
6	211.5	180.9	234.4	182.3	187.9	180.9	170.5	171.9	174.2	170.0	172.0	169.5	
7	225.5	178.2	222.2	175.7	178.5	181.6	168.5	170.3	167.2	170.1	175.8	172.1	
8	246.8	180.6	209.5	179.1	178.4	180.9	170.9	168.7	172.4	170.7	168.7	171.5	
9	261.6	178.2	215.4	178.6	175.7	179.7	170.2	169.8	170.3	169.2	174.2	169.5	
10	281.2	177.3	208.2	182.7	173.0	172.8	170.5	163.9	170.3	173.3	170.6	170.8	
11	310.0	219.2	203.1	176.5	175.2	170.1	172.5	171.4	173.7	174.0	176.9	170.2	
12	254.7	265.9	203.5	175.2	175.9	179.4	169.2	175.0	170.0	172.0	172.3	169.0	
13	231.1	239.3	201.3	181.6	176.5	169.5	173.1	173.7	168.4	172.5	171.9	169.9	
14	215.2	216.7	201.6	174.6	175.7	174.7	172.6	167.7	166.6	167.0	175.3	165.9	
15	212.8	201.2	190.7	177.0	176.1	173.6	172.6	169.0	167.8	167.9	175.3	167.8	
16	199.2	198.3	199.8	177.2	180.6	175.8	174.3	169.5	167.6	172.9	172.8	168.0	
17	211.4	191.3	195.6	181.3	178.4	170.6	173.0	176.3	171.3	177.1	168.4	173.1	
18	197.3	219.7	191.9	183.8	172.3	179.9	174.3	168.6	170.7	183.5	173.0	164.6	
19	200.5	217.6	200.9	179.7	175.2	175.4	166.1	171.7	170.7	180.3	169.1	166.5	
20	193.3	208.8	198.5	181.1	178.0	182.3	186.9	177.8	170.4	178.6	168.9	166.0	
21	199.0	303.9	197.6	177.8	181.9	186.2	174.5	170.4	172.0	177.9	166.6	166.9	
22	195.1	301.3	189.4	176.9	183.9	178.6	175.9	170.3	173.6	174.6	168.8	163.5	
23	194.0	324.6	216.0	179.7	193.0	177.7	175.8	172.3	174.8	175.3	170.7	167.5	
24	190.4	258.6	199.7	180.7	189.6	176.8	173.7	171.1	169.9	175.7	167.5	170.4	
25	190.9	237.5	193.3	182.5	188.7	169.3	175.7	165.8	173.6	171.3	155.6	158.4	
26	186.9	225.4	193.9	182.7	184.1	166.6	172.4	173.9	173.2	172.9	158.7	158.3	
27	184.9	217.4	187.7	175.5	180.4	171.4	176.9	171.9	173.2	169.7	169.9	167.4	
28	194.1	208.8	184.9	197.5	175.4	168.8	175.3	173.1	165.6	174.6	172.4	170.5	
29	195.0		189.2	183.6	166.3	171.5	174.6	177.0	172.8	170.6	166.8	170.9	
30	188.7		190.9	181.8	170.1	175.7	174.0	168.8	172.1	171.7	173.1	170.1	Annual
31	188.8		184.1		171.3		175.6	170.1		170.5		180.6	Summary
Average	214.5	216.8	204.1	180.6	178.5	175.8	173.0	171.4	170.6	173.0	170.3	169.3	183.2
Minimum	184.9	177.3	184.1	174.6	166.3	166.6	166.1	163.9	165.6	167.0	155.6	158.3	155.6
Maximum	310.0	324.6	300.5	197.5	193.0	186.2	186.9	177.8	174.8	183.5	176.9	180.6	324.6
Total	6649.2	6070.7	6328.4	5418.3	5532.2	5273.9	5362.3	5312.3	5118.5	5364.5	5108.3	5248.6	66787.2

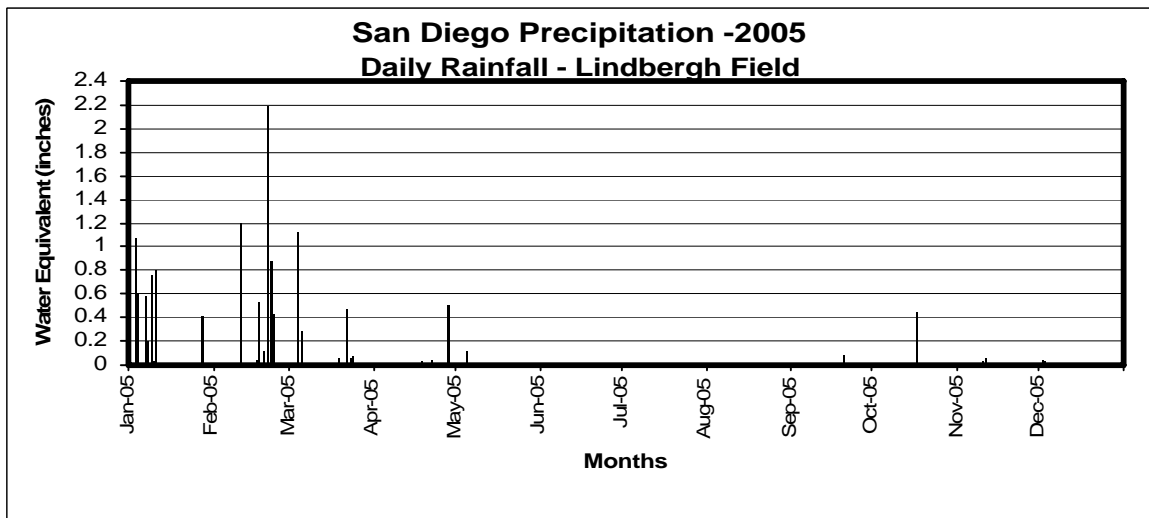
Point Loma Wastewater Treatment Plant 2005 Daily Flows (mgd)



**Point Loma Wastewater Treatment Plant
2005 Dry Flows (mgd)**

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	185.5	186.4	211.7	184.4	181.2	172.6		170.1	169.0	173.1	170.6	171.4	
2	190.6			182.3		172.4	170.1	172.4	169.1	172.8	169.3		
3		183.6		184.1	175.7		168.2	177.5	167.8	174.1	168.1		
4		181.4			173.4	181.4	172.4	173.2	168.5	169.5	170.2	176.0	
5	222.9	185.7		183.4	176.2	179.4	171.1	169.3	171.8	171.2	175.0	172.9	
6	211.5			182.3	187.9	180.9	170.5	171.9	174.2	170.0	172.0	169.5	
7		178.2	222.2	175.7	178.5	181.6	168.5	170.3	167.2	170.1		172.1	
8		180.6	209.5		178.4	180.9	170.9	168.7	172.4	170.7		171.5	
9		178.2	215.4	178.6	175.7		170.2	169.8	170.3	169.2	174.2	169.5	
10			208.2	182.7	173.0	172.8	170.5		170.3	173.3	170.6	170.8	
11			203.1	176.5	175.2	170.1	172.5	171.4	173.7	174.0	176.9	170.2	
12				175.2	175.9	179.4	169.2	175.0	170.0	172.0	172.3	169.0	
13	231.1		201.3	181.6	176.5	169.5	173.1	173.7	168.4	172.5	171.9	169.9	
14	215.2	216.7		174.6	175.7		172.6	167.7	166.6	167.0	175.3	165.9	
15	212.8		190.7	177.0	176.1	173.6	172.6	169.0	167.8	167.9	175.3	167.8	
16	199.2	198.3	199.8	177.2		175.8	174.3	169.5	167.6		172.8	168.0	
17	211.4		195.6	181.3	178.4	170.6	173.0	176.3	171.3		168.4	173.1	
18	197.3				172.3	179.9	174.3	168.6	170.7		173.0	164.6	
19	200.5				175.2	175.4		171.7		180.3	169.1	166.5	
20	193.3			181.1	178.0	182.3		177.8		178.6	168.9	166.0	
21	199.0		197.6	177.8	181.9	186.2	174.5	170.4	172.0	177.9	166.6	166.9	
22	195.1				183.9	178.6	175.9	170.3	173.6		168.8	163.5	
23	194.0				193.0	177.7		172.3	174.8		170.7		
24	190.4	258.6			189.6	176.8	173.7	171.1	169.9		167.5	170.4	
25		237.5	193.3	182.5	188.7	169.3	175.7	165.8	173.6			158.4	
26		225.4	193.9	182.7	184.1	166.6	172.4	173.9	173.2	172.9		158.3	
27		217.4	187.7	175.5	180.4	171.4	176.9	171.9	173.2	169.7	169.9	167.4	
28					175.4	168.8	175.3		165.6	174.6	172.4	170.5	
29			189.2		166.3	171.5	174.6	177.0	172.8	170.6	166.8	170.9	
30	188.7		190.9	181.8	170.1	175.7	174.0	168.8	172.1	171.7	173.1	170.1	Annual
31	188.8		184.1		171.3		175.6	170.1		170.5			Summary
Average	201.5	202.1	199.7	179.9	178.2	175.6	172.7	171.6	170.6	172.3	171.1	168.6	180.3
Minimum	185.5	178.2	184.1	174.6	166.3	166.6	168.2	165.8	165.6	167.0	166.6	158.3	158.3
Maximum	231.1	258.6	222.2	184.4	193.0	186.2	176.9	177.8	174.8	180.3	176.9	176.0	258.6
Total	3627.4	2627.8	3394.1	3778.4	5167.7	4741.2	4662.3	4975.4	4777.4	4134.2	4449.6	4551.3	50886.7

B. Rain Days



Total Annual precipitation = 14.11, Maximum =2.18, Trace =0

First Quarter		Second Quarter		Third Quarter		Fourth Quarter	
Date	Rain	Date	Rain	Date	Rain	Date	Rain
3-Jan-05	1.08	4-Apr-05	0	1-Jul-05	0	16-Oct-05	0.01
4-Jan-05	0.6	8-Apr-05	0	19-Jul-05	0	17-Oct-05	0.44
7-Jan-05	0.57	18-Apr-05	0.03	20-Jul-05	0	18-Oct-05	0.01
8-Jan-05	0.2	19-Apr-05	0	23-Jul-05	0.01	22-Oct-05	0
9-Jan-05	0.76	22-Apr-05	0.04	10-Aug-05	0	23-Oct-05	0
10-Jan-05	0.03	23-Apr-05	0.01	28-Aug-05	0	24-Oct-05	0
11-Jan-05	0.81	24-Apr-05	0	19-Sep-05	0.01	25-Oct-05	0
12-Jan-05	0	28-Apr-05	0.51	20-Sep-05	0.09	10-Nov-05	0.03
25-Jan-05	0.01	29-Apr-05	0			11-Nov-05	0.06
26-Jan-05	0.01	5-May-05	0.12			25-Nov-05	0.01
27-Jan-05	0.01	16-May-05	0			26-Nov-05	0.02
28-Jan-05	0.41	3-Jun-05	0.02			2-Dec-05	0.05
29-Jan-05	0	9-Jun-05	0			3-Dec-05	0.03
2-Feb-05	0.02	14-Jun-05	0			23-Dec-05	0
6-Feb-05	0					31-Dec-05	0.17
10-Feb-05	0.2						
11-Feb-05	1.19						
12-Feb-05	0.25						
13-Feb-05	0						
15-Feb-05	0						
17-Feb-05	0.04						
18-Feb-05	0.53						
19-Feb-05	0.11						
20-Feb-05	0						
21-Feb-05	2.18						
22-Feb-05	0.88						
23-Feb-05	0.43						
28-Feb-05	0						
2-Mar-05	0						
3-Mar-05	0.01						
4-Mar-05	1.12						
5-Mar-05	0.29						
6-Mar-05	0						
12-Mar-05	0						
14-Mar-05	0.02						
18-Mar-05	0.01						
19-Mar-05	0.06						
20-Mar-05	0						
22-Mar-05	0.47						
23-Mar-05	0.06						
24-Mar-05	0.07						
28-Mar-05	0.01						
Totals >	12.44		0.73		0.11		0.83

C. Solids Production

Point Loma Annual Monitoring Report
Solids Report - TOTALS

From 01-JAN-2005 To 31-DEC-2005

Month	Pt. Loma Raw sludge		Pt. Loma Digested Sludge		MBC Combined Centrate		MBC Dewatered Sludge	
	Gallons	Tons	Gallons	Tons	Gallons	Tons	Wet Tons	Dry Tons
01	33,907,301	5,479	33,907,450	3,132	79,315,591	868	10,427	3,332
02	30,085,333	4,961	30,085,480	2,687	76,130,974	752	8,980	2,958
03	35,938,423	5,631	35,939,000	3,304	80,491,890	881	10,801	3,472
04	33,802,636	5,497	33,772,270	2,957	74,604,510	857	9,711	2,924
05	31,652,102	5,158	30,788,190	2,782	76,620,887	921	10,660	3,084
06	33,525,638	5,431	32,819,950	3,030	71,845,414	895	10,761	3,104
07	36,249,320	5,429	36,335,370	3,159	78,223,476	905	10,858	3,113
08	35,436,072	5,570	35,347,380	3,179	81,344,909	939	11,566	3,265
09	22,765,867	3,584	33,253,010	3,002	78,282,538	936	11,337	3,231
10	34,648,453	5,113	34,784,113	3,108	81,711,944	999	11,036	3,169
11	32,838,572	4,941	33,186,837	2,913	78,768,953	828	10,544	3,061
12	32,124,280	5,135	32,129,392	2,775	78,918,521	843	11,112	3,255
avg	32,747,833	5,161	33,529,037	3,002	78,021,634	885	10,649	3,164
sum	392,973,997	61,928	402,348,442	36,028	936,259,607	10,624	127,792	37,968

Solids Report - Daily Averages by Month
From 01-JAN-2005 To 31-DEC-2005

Month	Pt. Loma Raw sludge			Pt. Loma Digested Sludge			MBC Combined Centrate			MBC Dewatered Sludge		
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	1,093,784	3.9	176	1,093,789	2.2	101	2,558,568	0.26	28.1	336	32.0	107.5
02	1,074,476	4.0	176	1,074,481	2.1	96	2,718,963	0.24	26.8	321	32.9	105.6
03	1,159,304	3.8	181	1,159,323	2.2	106	2,596,513	0.26	28.4	348	32.1	112.0
04	1,126,755	3.9	183	1,125,742	2.1	99	2,486,817	0.28	28.6	324	30.1	97.5
05	1,055,070	3.9	172	1,061,662	2.2	96	2,471,642	0.29	29.7	344	28.9	99.5
06	1,117,521	3.9	181	1,093,998	2.2	99	2,394,847	0.30	29.1	359	28.9	103.5
07	1,169,333	3.6	176	1,172,109	2.1	101	2,523,338	0.28	29.1	350	28.7	100.4
08	1,143,099	3.8	180	1,140,238	2.2	102	2,624,029	0.28	30.3	373	28.2	105.3
09	1,084,089	3.8	166	1,108,434	2.2	100	2,609,418	0.29	31.1	378	28.5	107.7
10	1,117,692	3.5	165	1,122,068	2.1	101	2,635,869	0.29	32.3	356	28.7	102.2
11	1,094,619	3.6	165	1,106,228	2.1	96	2,625,632	0.25	27.5	351	29.0	102.0
12	1,036,267	3.8	166	1,036,432	2.1	89	2,545,759	0.26	27.1	358	29.3	105.0
avg	1,106,001	3.8	174	1,107,875	2.2	99	2,565,949	0.27	29.0	350	29.8	104.0

Note: A ton is a Ashort ton@ or 2000 lbs of dry solids.

*Values for Wet Tons of dewatered sludge are based on calculated volumes from eight positive displacement cake pumps and are subject to inaccuracies. The mechanical condition of the cake pumps and the variability of sludge concentrations can effect the overall accuracies of these reported values.

D. Chemical usage

Point Loma Annual Chemical Usage Report Monthly Totals - 2005

Month	Polymer Pt.Loma Gallons	Polymer Pt.Loma Lbs.	ACTIVE Polymer Pt.Loma Lbs.	Ferric Chloride PS #2 Gallons	Ferrous Chloride PS #2 Gallons	Ferric Chloride Pt.Loma Gallons	Sodium hydroxide PS #1 Gallons	Sodium hydroxide PS #2 Gallons	Sodium hydroxide Pt.Loma Gallons	NaOCl PS #1 Gallons	NaOCl PS #2 Gallons	NaOCl Pt.Loma Gallons	Salt PS #1 Lbs.	Salt PS #2 Lbs.	Salt Pt.Loma Lbs.
01	229,267		9,651		105,775	310,856	405	3	4,894	669	42	12,844	1,650	150	15,500
02	193,673		8,155		74,806	276,602	355	30	2,997	678	87	7,361	1,922	650	14,000
03	217,523		9,161		58,793	298,435	313	1	3,584	623	22	16,155	1,450	750	15,500
04	192,302		8,098		62,507	243,111	239		3,239	266	570	17,208	1,500	800	15,000
05	212,830		8,961		67,477	231,765	243		4,785	135	13	21,727	1,100	450	15,000
06	216,507		9,119		59,720	248,578	204	42	6,851	227	42	27,462	100	600	15,000
07	186,291		7,846		79,342	266,974	240		10,590	227	1,086	26,351	600	500	15,500
08	162,583		7,407	94,892	5,242	228,668	220	253	6,568	181	730	20,529	300	850	15,500
09	156,927		6,606	102,637		223,640	237	10	3,829	162	1,310	13,194	550	400	15,000
10	161,458		6,795	106,571		235,907	216	10	4,212	129	251	21,010	400	602	15,500
11	156,388		6,581	106,512		234,963	177	25	11,967	86	490	23,546	450	450	15,000
12	159,179		6,704	100,219		244,475	183	7	4,634	39	827	13,558	400	450	15,500
avg	187,077		7,924	102,166	64,208	253,665	253	42	5,679	285	456	18,412	869	554	15,167
sum	2,244,929		95,084	510,831	513,662	3,043,974	3,032	381	68,150	3,422	5,470	220,945	10,422	6,652	182,000

E. Gas Production

Point Loma Wastewater Treatment Plant
Gas Report - 2005

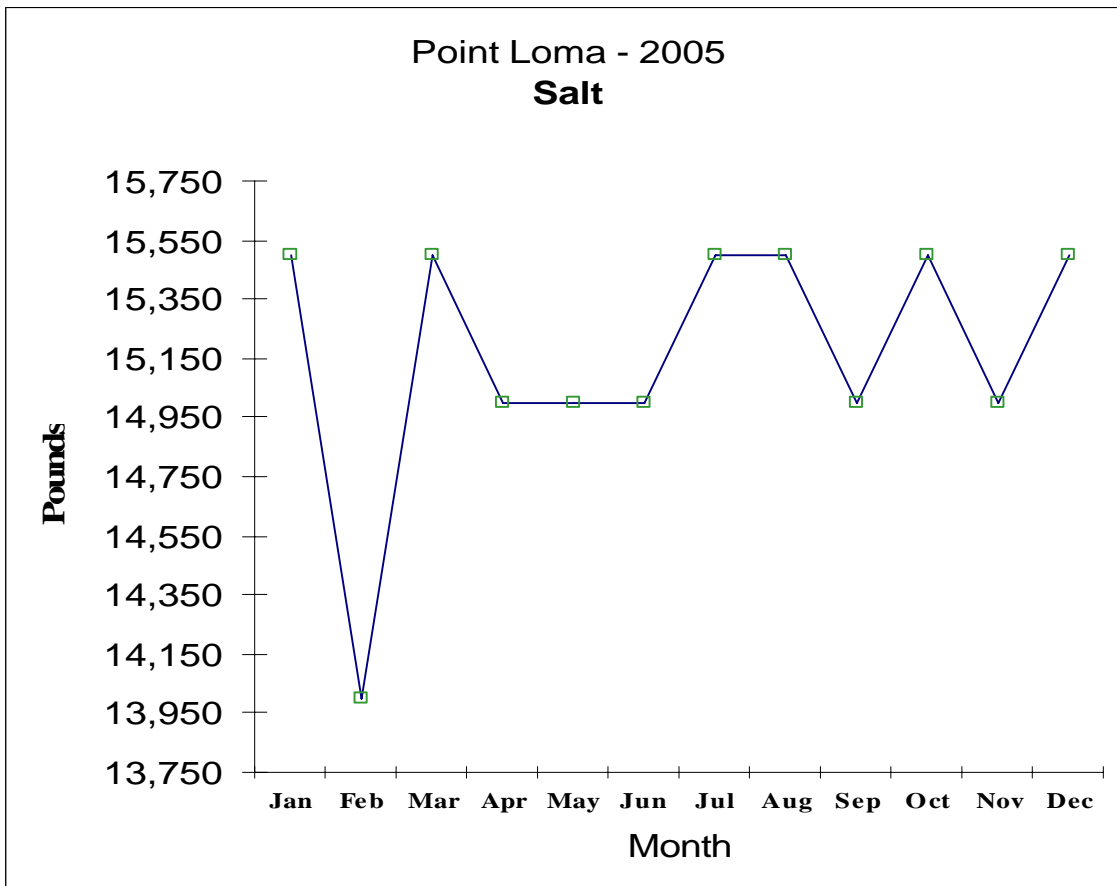
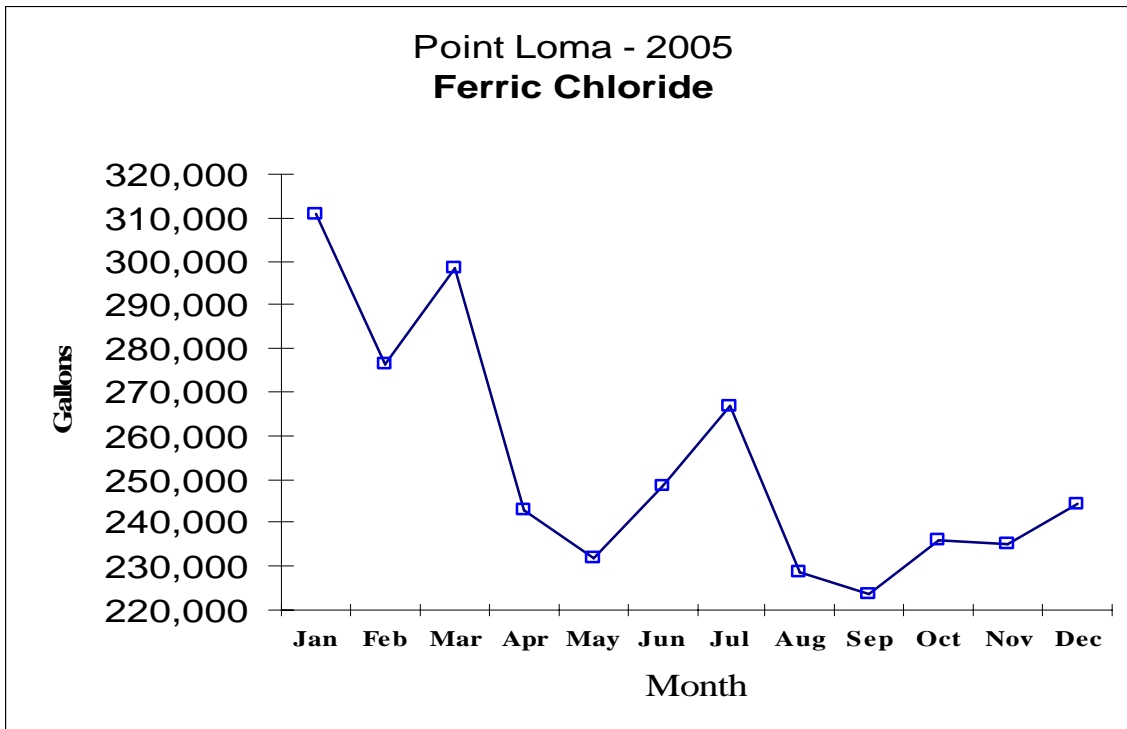
Daily Monthly Averages

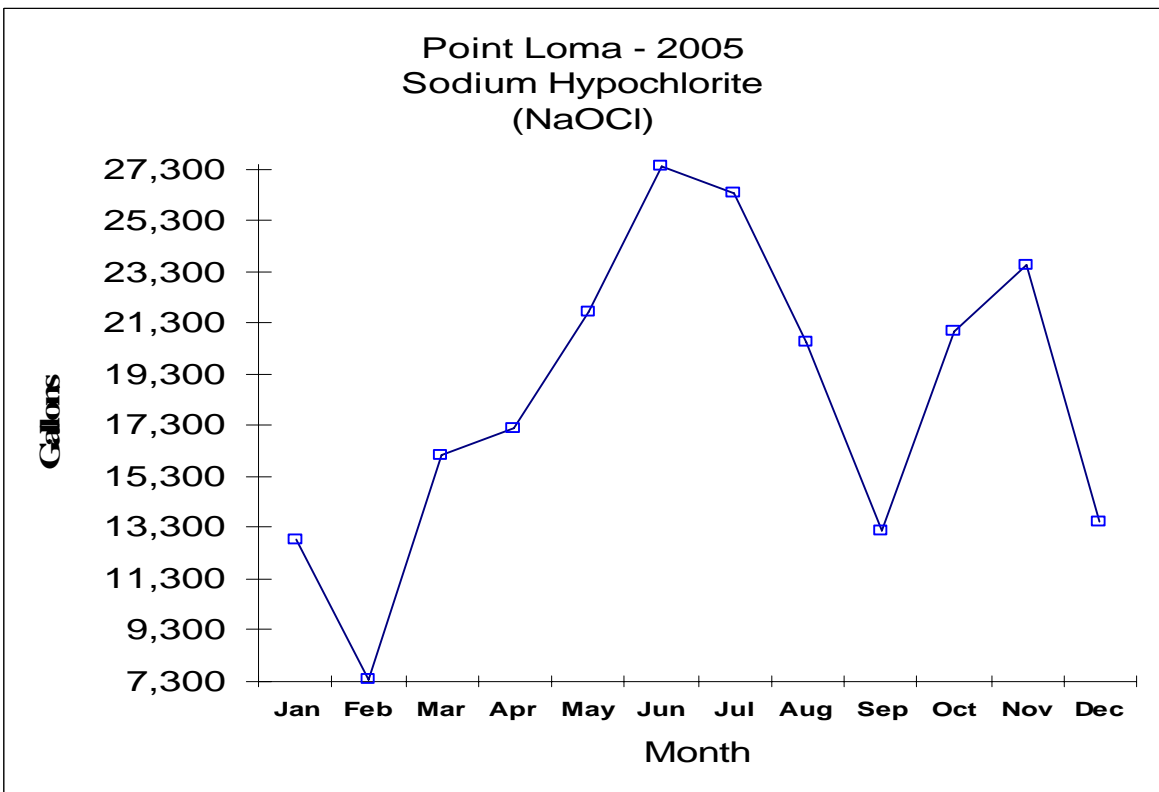
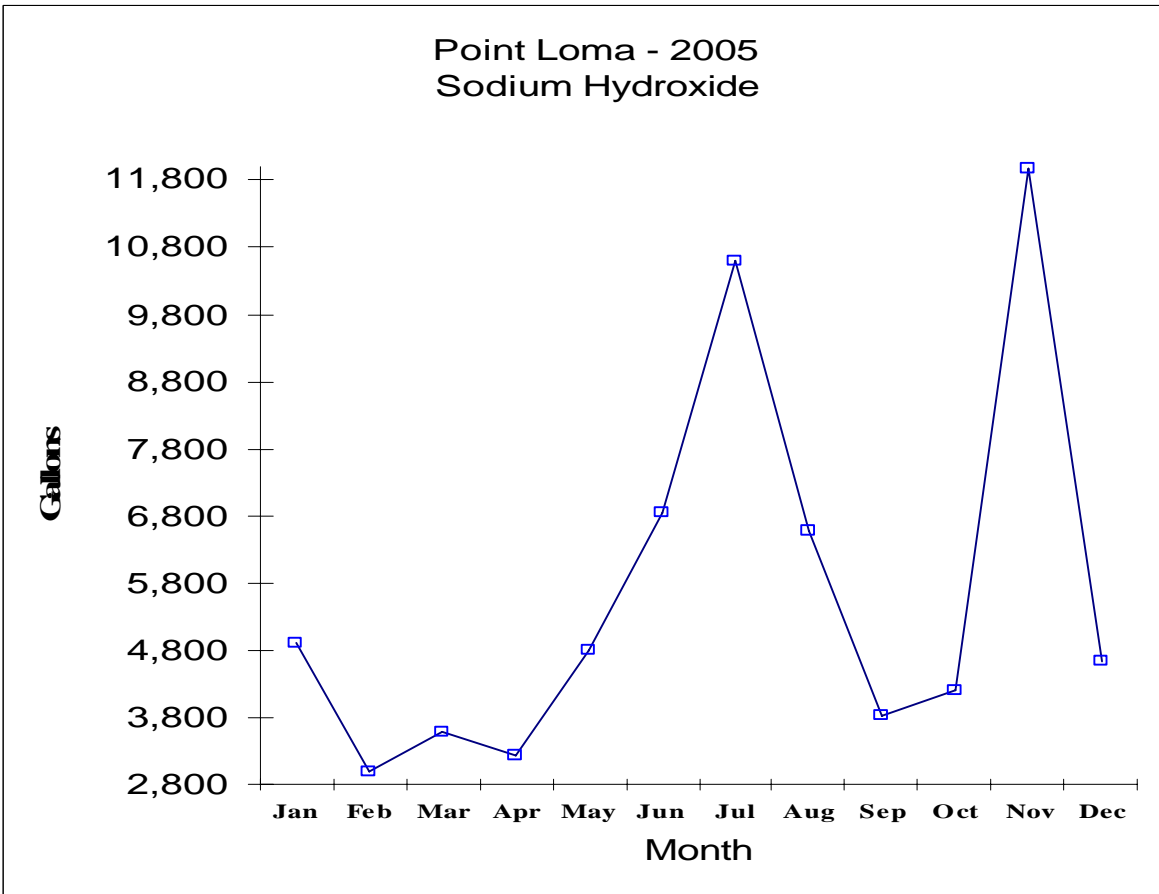
Month	GAS PRODUCTION (x1000 Cu. Ft.)				GAS CONSUMPTION (x1000 Cu. Ft.)							
	N-1-P	N-2-P	C-1-P	C-2-P	S-1-P	S-2-P	Dig 7	Total	Boilers	Burners	GUF	Total
01	502.1	564.0	439.7	401.0	.0	.0	93.9	1,906.9	105	1,467	1,697	3,268
02	504.5	527.6	454.0	407.6	.0	.0	86.8	1,893.8	96	1,386	1,799	3,281
03	577.8	550.0	501.3	430.9	.0	.0	80.1	2,060.0	77	1,391	1,771	3,239
04	593.8	525.6	515.7	437.7	.0	.0	76.4	2,072.8	108	1,613	1,498	3,218
05	593.1	483.4	515.5	437.4	.0	.0	71.1	2,029.4	74	1,373	1,697	3,144
06	596.2	500.2	533.5	449.1	.0	.0	81.4	2,079.0	95	1,648	1,519	3,262
07	568.0	524.9	492.3	434.0	.0	.0	74.6	2,019.2	13	1,204	1,893	3,110
08	561.5	532.5	476.6	432.4	.0	.0	73.6	2,002.9	20	1,338	1,697	3,055
09	541.8	523.1	458.6	416.6	.0	.0	70.6	1,940.2	17	1,113	1,851	2,981
10	527.6	528.9	455.0	415.1	.0	.0	71.5	1,926.5	24	1,149	1,812	2,985
11	530.9	555.4	464.5	423.5	.0	.0	70.3	1,974.2	13	1,290	1,815	3,118
12	525.7	550.7	458.0	416.0	.0	.0	65.9	1,950.5	61	1,443	1,615	3,119
avg	551.9	530.5	480.4	425.1	.0	.0	76.4	1,987.9	58	1,368	1,722	3,148

Monthly Totals

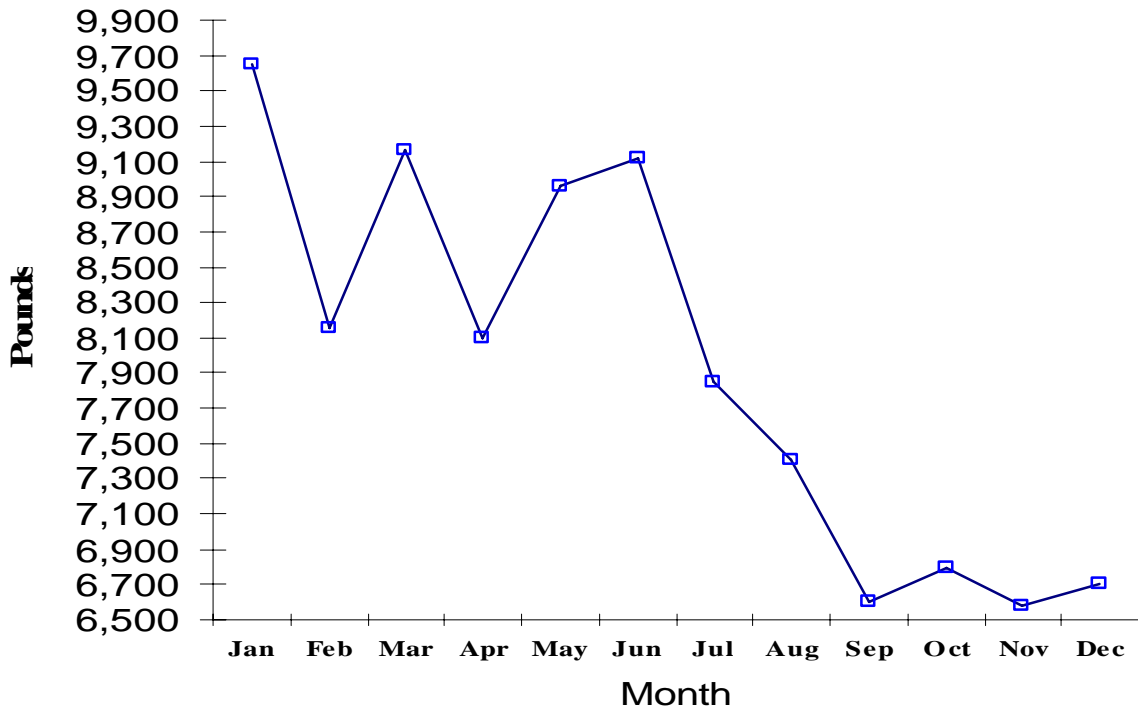
Month	GAS PRODUCTION (x1000 Cu. Ft.)				GAS CONSUMPTION (x1000 Cu. Ft.)							
	N-1-P	N-2-P	C-1-P	C-2-P	S-1-P	S-2-P	Dig 7	Total	Boilers	Burners	GUF	Total
01	15,565.0	17,484.0	13,632.0	12,432.0	.0	.0	2,912.0	59,113.0	3,242	45,462	52,605	101,309
02	14,127.0	14,773.0	12,712.0	11,413.0	.0	.0	2,430.0	53,025.0	2,679	38,814	50,385	91,878
03	17,911.0	17,049.0	15,541.0	13,358.0	.0	.0	2,484.0	63,859.0	2,382	43,118	54,898	100,398
04	17,814.0	15,768.0	15,470.0	13,131.0	.0	.0	2,293.0	62,183.0	3,227	48,376	44,942	96,545
05	17,794.0	14,502.0	15,464.0	13,121.0	.0	.0	2,134.0	60,881.0	2,228	41,196	50,898	94,322
06	17,886.0	15,005.0	16,004.0	13,474.0	.0	.0	2,442.0	62,369.0	2,846	49,449	45,565	97,860
07	17,609.0	16,272.0	15,261.0	13,454.0	.0	.0	2,314.0	62,596.0	398	37,336	58,669	96,403
08	17,405.0	16,507.0	14,774.0	13,405.0	.0	.0	2,283.0	62,091.0	625	41,473	52,616	94,714
09	16,255.0	15,694.0	13,759.0	12,498.0	.0	.0	2,119.0	58,206.0	514	33,401	55,526	89,441
10	16,355.0	16,395.0	14,106.0	12,867.0	.0	.0	2,215.0	59,723.0	731	35,633	56,172	92,536
11	15,926.0	16,661.0	13,935.0	12,705.0	.0	.0	2,108.0	59,227.0	380	38,702	54,444	93,526
12	16,297.0	17,073.0	14,199.0	12,895.0	.0	.0	2,044.0	60,464.0	1,883	44,734	50,063	96,680
avg	16,745.3	16,098.6	14,571.4	12,896.1	.0	.0	2,314.8	60,311.4	1,761	41,475	52,232	95,468
sum	200,944.0	193,183.0	174,857.0	154,753.0	.0	.0	27,778.0	723,737.0	21,135	497,694	626,783	1,145,612

F. Graphs of Chemical Usage





Point Loma - 2005
Polymer / Active Polymer



G. Facilities Out-of-Service Report
FACILITIES THAT WERE OUT OF SERVICE IN 2005

Facility OOS	From	To	Reason
S1P Digester	01/01	12/31	Contractor rehabilitation
S2P Digester	01/01	12/31	Contractor rehabilitation
Sed Basin #1	01/05	06/09	Preventive Maintenance
Sed Basin #3	01/05	01/12	Replaced motor
Sed Basin #4	01/05	09/13	Preventive Maintenance
Inf Screen #4	01/05	01/14	Replaced hardware & cables/ Screen cleaning
Inf Screen #5	01/08	01/14	Replaced hardware & cables/ Screen cleaning
Inf Screen #2	01/08	01/14	Straightened & re-installed cable guard rail
Sed Basin #9	01/13	04/17	Preventive Maintenance
Inf Screen #4	01/15	01/21	Adjusted floats for high-level & high-high level alarms
Inf Screen #4	01/29	02/04	Adjusted floats for high-level & high-high level alarms
SEOC Screen	02/01	02/04	Installed new bearings
Inf Screen #1	02/05	02/11	In process of changing weir switch
SEOC Screens	02/19	02/25	Replaced chain on screens #2 & #4.
Inf Screens #1	02/21	02/25	In bypass due to high influent flows.
Inf Screens #2	02/21	02/25	In bypass due to high influent flows.
Inf Screens #3	02/21	02/25	In bypass due to high influent flows.
Inf Screens #4	02/21	02/25	In bypass due to high influent flows.
Inf Screens #5	02/21	02/25	In bypass due to high influent flows.
N1 Grit Basin	03/17	03/17	Replace suction valve on N1-1
N2 Grit Basin	04/02	04/02	System Repair
N2 Grit Basin	04/18	04/21	System Repair
Sed Basin #6	04/19	04/19	Scum Removal
Sed Basin #5	04/19	04/25	Tank Repair/replaced chain in bay #3
Sed Basin #10	04/20	05/03	Preventive Maintenance
Sed Basin #7	04/26	05/06	Preventive Maintenance
Sed Basin #5	05/04	07/15	Preventive Maintenance
Sed Basin #6	05/09	06/23	Preventive Maintenance
N1 Grit Basin	05/14	05/17	Drained & Cleaned all 4 hoppers/ Replaced 3 leaking suction valves.
N2 Grit Basin	05/18	05/20	Drained & Cleaned all 4 hoppers/Replaced 1 leaking suction valve
C1 Grit Basin	06/19	06/21	Cleaned & removed debris
C2 Grit Basin	06/21	06/23	Cleaning & Preventive Maintenance
Inf Screen# 3	06/23	06/24	Installed new cable & cable guard, replaced 3 motor over loads.
Sed Basin# 11	06/24	06/29	Preventive Maintenance
Sed Basin #7	07/06	07/19	Preventive Maintenance
Sed Basin# 3	07/18	12/31	Tank Repair
Sed Basin# 2	07/19	09/23	Preventive Maintenance
SEOC Sleeve Valves	09/10	09/16	Preventive Maintenance
Sed Basin #7	09/14	11/04	Preventive Maintenance
Sed Basin #12	09/26	11/07	Preventive Maintenance
N2 Grit Chamber	10/05	10/06	Repair Valve
N1 Grit Chamber	10/10	10/13	Repair broken discharge line
Inf Screen #4	10/12	10/13	Relay problem
East Inf Channel	10/26	11/29	Channel rotation/ grit scouring
Sed Basin #5	11/04	12/31	Preventive Maintenance
Sed Basin #10	11/07	12/31	Preventive Maintenance
Inf Screen #3	11/11	11/30	I&C Repair
West Inf Channel	11/29	12/21	Channel rotation/ grit scouring
Inf Screen #4	12/12	12/24	Screen Repair
Sed Basin #1	12/19	12/31	Preventive Maintenance
East Inf Channel	12/21	12/31	Channel rotation/ grit scouring

FACILITIES THAT WERE OUT OF SERVICE IN 2005
 FACILITY: DATES OUT OF SERVICE

GRIT CHAMBERS

N1	03/17; 05/14-05/17; 10/10-10/13
N2	04/02; 04/18-04/21; 05/18-05/20; 10/05-10/06
C1	06/19-06/21
C2	06/21-06/23
S1	Out of service all year
S2	Out of service all year

CHANNELS

EAST	10/26-11/29; 12/21-12/31
WEST	11/29-12/21

BASINS

1	01/05-06/09; 12/19-12/31
2	07/19-09/23
3	01/05-01/12; 07/18-12/31
4	01/05-09/13
5	04/19-04/25; 05/04-07/15; 11/04-12/31
6	04/19; 05/09-06/23
7	04/26-05/06; 07/06-07/19; 09/14-11/04
8	
9	01/13-04/17
10	04/20-05/03; 11/07-12/31
11	06/27-06/29
12	09/26-11/07

NORTH EFFLUENT SCREENS	
SOUTH EFFLUENT SCREENS	01/29-02/04; 02/19-02/25; 09/10-09/16
INFLUENT SCREEN #1	02/05-02/11; 02/21-02/25
INFLUENT SCREEN #2	01/08-01/14; 02/21-02/25
INFLUENT SCREEN #3	02/21-02/25; 06/23-06/24; 11/11-11/30
INFLUENT SCREEN #4	01/08-01/21; 01/15-01/21; 01/29-02/04; 02/21-02/25; 10/12-10/13; 12/12-12/24
INFLUENT SCREEN #5	01/08-01/14; 02/21-02/25

DIGESTERS

N1P	
N2P	
C1P	
C2P	
S1P	Out of service all year
S2P	Out of service all year
Dig 7	
Dig 8	

Shutdowns Date	From	To	Reason
04/07	0030	0530	Pump Station 1 work
04/07	0100	0530	Pump Station 2 work
05/04	0030	0530	Pump Station 1 work
05/04	0100	0530	Pump Station 2 work
05/24	0030	0500	Pump Station 1 work
05/24	0100	0500	Pump Station 2 work
05/25	0030	0500	Pump Station 1 work
05/25	0100	0500	Pump Station 2 work
06/16	0030	0530	Pump Station 1 optical survey/GPR condition assessment survey
06/17	0030	0530	Pump Station 1 optical survey/GPR condition assessment survey
07/01	0030	0500	Pump Station 1 quarterly PM
07/01	0100	0500	Pump Station 2 quarterly PM
07/18	0030	0500	Pump Station 1 East Portal Interceptor work
07/18	0100	0500	Pump Station 2 East Portal Interceptor work
07/20	0200	0500	Pump Station 1 Confined Space Entry work
07/20	0230	0500	Pump Station 2 Confined Space Entry & S1 screen work
08/05	0030	0500	Pump Station 1 replace cooling tower valves
08/05	0130	0500	Pump Station 2 confined space entry & S1 Screen work
08/26	0030	0500	Pump Station 1 East Portal Interceptor work
08/26	0100	0500	Pump Station 2 East Portal Interceptor work
08/30	0030	0500	Pump Station 1 East Portal Interceptor work
08/30	0100	0500	Pump Station 2 East Portal Interceptor work
09/15	0300	0530	Pump Station 1 Grit Removal
09/28	0030	0500	Pump Station 1 Quarterly inspections/adjustments on traveling screens
09/28	0100	0500	Pump Station 2 Quarterly inspections/adjustments on traveling screens
10/26	0030	0530	Pump Station 1 Grit Removal
10/27	0030	0530	Pump Station 1 Grit Removal
11/08	0030	0530	Pump Station 1 Grit Removal
11/09	0030	0530	Pump Station 1 Grit Removal
11/10	0030	0530	Pump Station 1 Grit Removal
11/15	0030	0530	Pump Station 1 Grit Removal
11/16	0030	0530	Pump Station 1 Grit Removal
11/17	0030	0530	Pump Station 1 Grit Removal
12/14	0030	0500	Pump Station 1 Quarterly PM
12/14	0100	0500	Pump Station 2 Quarterly PM

H. Grit Analyses

The following are reports of the analyses of grit samples taken from the Pt. Loma WWTP headworks (grit removal chambers) in 2005. Reports include Title 22 analyses and Total Solids. 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. Samples from the grit bins are taken daily for 7-8 consecutive days and composited together to form the annual sample.

**Point Loma Wastewater Treatment Plant
Total Solids - Grit and Screenings 2005 (%WT)**

Grit Monthly Averages		Headworks Screenings Monthly Averages		Sludge Screenings Monthly Averages	
JAN	70.5	JAN	47.9	JAN	38.9
FEB	63.6	FEB	49.6	FEB	39.3
MAR	64.3	MAR	45.6	MAR	39.3
APR	60.9	APR	50.0	APR	40.5
MAY	57.0	MAY	46.4	MAY	40.5
JUN	57.7	JUN	48.3	JUN	40.7
JUL	58.2	JUL	47.4	JUL	38.9
AUG	53.3	AUG	48.1	AUG	40.8
SEP	55.6	SEP	46.7	SEP	40.4
OCT	60.5	OCT	49.9	OCT	41.4
NOV	59.2	NOV	45.7	NOV	39.8
DEC	52.9	DEC	44.6	DEC	38.9
AVG	59.5	AVG	47.5	AVG	40.0

Point Loma Wastewater Treatment Plant
2005 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	62.6	67.4	44.4	50.8	70.2	58.3	73.1	58.7	68.4	58.6	51.5	40.8
2	75.4	58.7	59.1	65.8	71.3	57.4	74.7	39.8	52.7	54.0	60.7	46.4
3	58.1	52.6	51.4	67.7	73.6	59.3	52.6	54.5	50.4	59.7	62.1	52.9
4	69.8	65.2	55.1	66.7	62.9	67.7	66.3	58.1	55.6	59.0	48.5	62.6
5	81.3	53.4	61.3	52.9	70.0	64.4	60.6	52.6	59.4	51.8	48.1	55.6
6	81.7	57.4	68.9	61.6	61.6	52.3	74.6	54.7	59.8	60.6	65.5	62.1
7	85.0	75.4	84.1	73.5	56.3	64.5	46.9	40.4	53.8	56.8	62.7	59.6
8	69.8	84.4	86.9	56.4	57.4	60.1	67.4	49.7	53.1	58.4	59.9	56.7
9	72.5	70.4	83.2	56.8	52.3	60.1	42.8	52.8	54.3	60.8	60.7	64.0
10	51.3	67.5	79.5	63.5	53.7	46.9	37.0	62.6	47.8	53.8	56.8	61.8
11	69.4	63.8	79.9	69.5	64.2	67.2	66.7	31.0	59.5	53.3	51.3	38.2
12	72.5	65.1	68.5	54.8	43.7	70.4	66.7	48.0	56.3	62.8	57.7	55.7
13	68.2	72.2	60.6	62.4	42.9	43.1	66.0	50.8	51.2	68.6	68.0	59.6
14	84.5	62.1	58.0	42.3	49.7	52.4	61.8	59.1	50.1	57.1	57.4	57.8
15	74.0	51.5	65.1	57.6	60.2	45.6	66.3	47.9	45.9	59.8	39.0	70.2
16	81.4	57.8	67.7	44.7	55.9	41.7	71.5	61.1	52.0	57.3	63.1	74.1
17	76.8	52.9	67.0	60.5	69.9	50.3	57.3	47.9	56.4	60.9	93.1	68.2
18	78.7	51.3	74.6	60.5	52.4	70.7	59.9	51.0	56.7	54.6	53.7	42.2
19	80.3	54.1	63.2	69.3	53.0	57.7	53.8	63.4	65.0	57.0	64.8	40.7
20	78.6	60.8	65.9	63.0	54.0	58.1	48.6	52.6	57.6	71.7	68.5	65.2
21	74.1	60.1	73.4	71.0	66.2	67.2	40.2	56.4	57.7	65.7	46.0	55.2
22	64.3	55.5	50.4	61.7	57.1	64.2	46.4	51.0	57.5	50.8	58.7	51.7
23	72.0	74.5	60.5	70.1	54.5	65.9	52.3	49.0	58.1	53.1	69.4	58.4
24	63.1	68.1	56.7	47.8	48.2	39.9	54.0	56.4	49.0	50.4	64.1	42.2
25	69.6	76.3	56.5	73.0	59.3	80.0	64.1	54.6	55.6	72.0	49.8	51.3
26	50.5	76.3	71.3	61.5	50.1	62.2	65.0	59.1	60.9	83.2	56.8	36.9
27	66.1	68.1	48.3	62.4	45.3	40.1	51.2	78.9	49.4	59.6	61.1	48.4
28	66.0	59.2	40.3	58.4	51.9	58.4	56.6	59.5	63.6	62.2	56.3	35.8
29	75.1		76.7	64.1	49.5	54.6	50.4	44.4	47.8	78.2	62.6	45.3
30	57.6		55.1	56.4	60.2	50.0	55.6	55.3	62.6	75.0	57.4	42.4
31	55.5		59.1		48.4		55.0	51.6		48.6		36.8
Avg	70.5	63.6	64.3	60.9	57.0	57.7	58.2	53.3	55.6	60.5	59.2	52.9
Min	50.5	51.3	40.3	42.3	42.9	39.9	37.0	31.0	45.9	48.6	39.0	35.8
Max	85.0	84.4	86.9	73.5	73.6	80.0	74.7	78.9	68.4	83.2	93.1	74.1

Point Loma Wastewater Treatment Plant
2005 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								60.1				44.4
2					54.1	48.2						
3	54.9	49.5	49.2					37.0		44.9	50.3	
4				46.6			51.6					
5					40.3			45.8				48.4
6	56.4					51.7			42.6			
7		65.5	47.7	59.2			53.5				60.3	
8								57.4	47.1			38.7
9					37.8	44.1						
10		47.9	46.4							39.4	39.1	
11	51.1			43.9			53.5	56.6				
12					49.3				51.2			38.7
13	54.9					49.4				39.4		
14		47.9					33.5				48.1	
15								43.4	39.4			43.1
16					38.0	47.2						
17		42.1								50.2	45.6	
18							51.5	40.7				
19					44.7				38.9			45.9
20	44.4					44.9				59.6		
21		43.1	43.5				52.5				51.9	
22								47.4	57.3			57.1
23			45.2		42.9	50.5						
24										67.0	33.2	
25				52.6	64.5		46.1	55.7				
26									53.3	47.8		45.7
27	30.8					57.3						
28		51.2	41.6	47.9			37.3		40.8		36.9	
29								39.5				39.1
30					46.2	41.6						
31	43.0							43.1		58.6		
Avg	47.9	49.6	45.6	50.0	46.4	48.3	47.4	48.1	46.7	49.9	45.7	44.6
Min	30.8	42.1	41.6	43.9	37.8	41.6	33.5	37.0	38.9	39.4	33.2	38.7
Max	56.4	65.5	49.2	59.2	64.5	57.3	53.5	60.1	57.3	67.0	60.3	57.1

Point Loma Wastewater Treatment Plant
2005 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	39.5	39.9	37.8	39.0	42.5	39.6	39.8	36.7	43.5	43.6	40.3	37.0
2	38.2	38.4	37.7	40.5	41.9	39.5	39.4	36.4	38.3	39.2	41.9	36.3
3	37.1	35.7	39.2	42.6	39.9	41.3	39.5	40.0	37.8	37.5	38.3	36.2
4	39.2	41.4	36.9	41.6	40.1	44.7	38.1	38.3	41.9	40.3	39.2	38.0
5	36.3	41.9	36.8	41.3	39.8		38.0	36.6	38.3	40.3	40.7	38.5
6	40.3	38.6	39.0	41.7	40.5	40.3	38.6	41.3	38.2	41.8	37.9	39.4
7	37.5	44.6	40.6	38.5	40.2	39.5	35.5	59.0	39.5	40.3	44.8	32.4
8	39.5	43.0	40.4	37.0	40.4	37.5	37.8	37.3	41.0	42.1	36.7	38.5
9	39.4	36.6	39.2	42.1	37.7	39.2	37.2	40.0	37.3	44.4	38.1	40.4
10	38.1	38.4	38.3	41.4	37.7	37.6	38.7	33.8	43.5	39.9	38.5	40.3
11	39.3	36.1	38.1	41.0	38.4	41.4	38.5	40.6	42.0	39.9	37.6	40.8
12	38.8	39.3	38.5	38.3	40.0	41.3	37.8	38.6	38.2	38.5		39.0
13	33.1	41.3	39.4	36.9	38.2	43.4	42.9	41.2	41.5	51.1	40.8	39.4
14	36.7	41.8	44.3	41.0	41.8	39.8	31.4	40.4	38.6	39.1	38.0	42.5
15	47.5	39.1	41.0	40.4	41.3	41.8	37.6	39.5	39.2	40.4	39.5	38.8
16	40.9	39.1	36.8	44.8	45.9	41.1	38.1	41.8	37.1	41.6	41.4	43.4
17	45.2	38.1	39.3	41.0	38.6	40.7	53.2	41.7	45.6	42.4	39.4	39.1
18	38.6	37.8	36.5	38.8	40.8	39.2	37.2	41.7	40.0	41.2	38.9	39.4
19	39.4	38.9	40.8	41.3	39.1	38.7	37.3	39.5	48.4	42.3	42.0	39.0
20	36.0	37.3	38.3	40.3	43.2	44.6	37.8	40.9	39.2	41.0	40.5	37.9
21	40.0	38.2	40.3	40.4	41.8	38.5	37.5	42.3	38.7	38.9	38.2	38.6
22	34.4	41.0	37.7	37.3	40.6	46.9	35.8	40.1	38.6	42.2	48.3	40.1
23	37.4	40.3	39.5	40.7	41.0	38.5	40.9	42.3	37.6	38.7	39.1	39.3
24	42.4	39.1	41.0	39.5	37.9	39.4	38.6	41.3	41.0	37.7	34.4	38.6
25	35.8	41.4	37.7	45.5	44.5	43.0	43.9	38.9	38.3	38.0	41.3	39.5
26	37.1	38.7	40.0	38.9	43.0	43.6	39.4	40.0	38.2	41.6	36.4	37.3
27	38.8	35.3	38.6	43.8	42.1	39.4	38.3	36.6	39.8	40.6	43.7	37.8
28	42.9	38.2		39.6	40.3	40.0	41.0	36.0	50.2	49.0	40.1	37.0
29	38.7		40.5	39.5	38.9	39.1	37.6	54.8		45.2	38.3	36.8
30	39.6		40.4	40.3	38.0	42.0	40.7	42.0	39.8	46.0	38.7	44.5
31	39.7		45.6		40.1		39.1	43.7		39.0		38.9
Avg	38.9	39.3	39.3	40.5	40.5	40.7	38.9	40.8	40.4	41.4	39.8	38.9
Min	33.1	35.3	36.5	36.9	37.7	37.5	31.4	33.8	37.1	37.5	34.4	32.4
Max	47.5	44.6	45.6	45.5	45.9	46.9	53.2	59.0	50.2	51.1	48.3	44.5

Title 22 reports for Grit

POINT LOMA WASTEWATER TREATMENT PLANT
 CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
 Point Loma Quarterly Grit Composite

From: 01-JUN-2005 to: 01-JUN-2005

Source: GRIT COMP
 Sample ID: P300207
 Sample Date: 01-JUN-2005

INORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	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	mg/Kg
Antimony	4.51	mg/kg		1.77	0.91	500	*	15	-	-
Arsenic	.68	mg/kg		2.25	1.15	500	*	5.0	41	-
Barium	.023	mg/kg		98	50	10000	*	100	-	-
Beryllium	.004	mg/kg		ND	ND	75	*	0.75	-	-
Cadmium	.018	mg/kg		0.49	0.25	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg		NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg		28.0	14.4	2500	*	560	1200	-
Cobalt	.083	mg/kg		2.76	1.41	8000	*	80	-	-
Copper	.215	mg/kg		352	181	2500	*	25	1500	2500
Lead	.604	mg/kg		18.6	9.54	1000	*	5.0	300	350
Mercury	.132	mg/kg		0.35	0.18	20	*	0.2	17	-
Molybdenum	.143	mg/kg		4.74	2.43	3500	*	350.0	-	-
Nickel	.063	mg/kg		23.9	12.3	2000	*	20	420	2000
Selenium	.47	mg/kg		0.41	0.21	100	*	1.0	36	-
Silver	.06	mg/kg		2.54	1.30	500	*	5.0	-	-
Thallium	.771	mg/kg		ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg		8.43	4.32	2400	*	24	-	-
Zinc	.946	mg/kg		339	174	5000	*	250	2800	-
Fluoride	NA	mg/kg		NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg		NA	NA	-	-	-	-	-
Sulfides-Total	2170	mg/kg		NA	NA	-	-	-	-	-
Total Solids	NA	Wt%		51.3	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%		40.8	-	-	-	-	-	-
pH	NA	pH Units		6.29	>2 - < 12	-	-	-	-	-

ORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg		ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg		0.0027	0.0014	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg		ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg		ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg		ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg		ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg		ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg		NA	NA	21	NA	2
Lindane	0.00001	mg/Kg		ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg		ND	ND	100	*	10
Mirex	0.00002	mg/Kg		ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg		ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg		ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg		ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg		ND	ND	2040	*	204
2,4,5-TP	4.4	mg/Kg		ND	ND	10	*	1

TTLc = Total Threshold Limit Concentration.
 STLC = Soluble Threshold Limit Concentration.
 W.E.T. = Waste Extraction Technique.
 * = The total 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.
 TTLc = Total Threshold Limit Concentration.

POINT LOMA WASTEWATER TREATMENT PLANT
 CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
 Point Loma Quarterly Grit Composite

From: 01-NOV-2005 to: 01-NOV-2005

Source: GRIT COMP
 Sample ID: P318856
 Sample Date: 01-NOV-2005

INORGANICS Constituent	MDL	Units	Total Conc	Total Conc	TTLIC Limit	W.E.T. Conc	STLC Limit	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	mg/Kg
Antimony	4.51	mg/kg	1.83	1.17	500	*	15	-	-
Arsenic	.68	mg/kg	1.49	0.95	500	*	5.0	41	-
Barium	.023	mg/kg	82.3	52.7	10000	*	100	-	-
Beryllium	.004	mg/kg	ND	ND	75	*	0.75	-	-
Cadmium	.018	mg/kg	0.53	0.34	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg	NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg	10.7	6.8	2500	*	560	1200	-
Cobalt	.083	mg/kg	2.04	1.31	8000	*	80	-	-
Copper	.215	mg/kg	279	179	2500	*	25	1500	2500
Lead	.604	mg/kg	18.1	11.6	1000	*	5.0	300	350
Mercury	.132	mg/kg	0.33	0.21	20	*	0.2	17	-
Molybdenum	.143	mg/kg	3.4	2.1	3500	*	350.0	-	-
Nickel	.063	mg/kg	14.5	9.3	2000	*	20	420	2000
Selenium	.47	mg/kg	0.55	0.35	100	*	1.0	36	-
Silver	.06	mg/kg	3.26	2.09	500	*	5.0	-	-
Thallium	.771	mg/kg	ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg	15.8	10.1	2400	*	24	-	-
Zinc	.946	mg/kg	233	149	5000	*	250	2800	-
Fluoride	NA	mg/kg	NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg	NA	NA	-	-	-	-	-
Sulfides-Total	2170	mg/kg	NA	NA	-	-	-	-	-
Total Solids	NA	Wt%	64.0	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%	26.9	-	-	-	-	-	-
pH	NA	pH Units	6.49	>2 - < 12	-	-	-	-	-

ORGANICS Constituent	MDL	Units	Total Conc Dry Wt.	Total Conc Wet Wt.	TTLIC Limit Wet Wt.	W.E.T. Conc Wet Wt.	STLC Limit Wet Wt.
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg	ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg	ND	ND	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg	ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg	ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg	ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg	ND	ND	0.2	*	0.02
Heptachlor	0.00003	mg/Kg	ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg	NA	NA	21	NA	2
Lindane	0.00001	mg/Kg	ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg	ND	ND	100	*	10
Mirex	0.00002	mg/Kg	ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg	ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg	ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg	ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg	ND	ND	2040	*	204
2,4,5-TP	4.4	mg/Kg	ND	ND	10	*	1

Senior Chemist

TTLIC = Total Threshold Limit Concentration.
 STLC = Soluble Threshold Limit Concentration.
 W.E.T. = Waste Extraction Technique.
 * = The total 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.
 TTLIC = Total Threshold Limit Concentration.

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY GRIT COMPOSITES
 Inorganics and Organics

From: 01-JAN-2005 to: 31-DEC-2005

Analyte:	MDL	Units:	GRIT COMP	GRIT COMP
			01-JUN-2005 P300207	01-NOV-2005 P318856
Aluminum	1.32	MG/KG	3480	3250
Antimony	.451	MG/KG	1.8	1.8
Arsenic	.33	MG/KG	2.25	1.49
Barium	.0063	MG/KG	97.6	82.3
Beryllium	.0039	MG/KG	ND	ND
Cadmium	.0175	MG/KG	0.5	0.5
Chromium	.0831	MG/KG	28	11
Cobalt	.083	MG/KG	2.8	2.0
Copper	.0546	MG/KG	352	279
Iron	1.98	MG/KG	17800	18200
Lead	.604	MG/KG	19	18
Manganese	.0118	MG/KG	119	109
Mercury	.003	MG/KG	0.35	0.33
Molybdenum	.143	MG/KG	4.7	3.4
Nickel	.0628	MG/KG	24	15
Selenium	.24	MG/KG	0.41	0.55
Silver	.06	MG/KG	2.5	3.3
Thallium	.771	MG/KG	ND	ND
Vanadium	.0637	MG/KG	8.4	15.8
Zinc	.115	MG/KG	339	233
pH	.08	PH	6.29	6.49
Total Solids	.24	WT%	51.3	64.0
Total Volatile Solids	.11	WT%	40.8	26.9
Aldrin	71000	MG/KG	ND	ND
2,4-dichlorophenoxyacetic acid	6.84	MG/KG	ND	ND
Dieldrin	35000	MG/KG	ND	ND
Endrin	35000	MG/KG	ND	ND
Heptachlor	16000	MG/KG	ND	ND
BHC, Gamma isomer	18000	MG/KG	<1900.000	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)	6.33	MG/KG	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
GRIT- Chlorinated Pesticide Analysis

From 01-JAN-2005 To 31-DEC-2005
Sampling: AM Analysis: CW,TB,KD

Grit

Analyte	MDL	Units	PLR	
			01-JUN-2005 P300207	01-NOV-2005 P318856
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	2700	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	5600	ND
p,p-DDT	35000	NG/KG	ND	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	ND	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	2700	0
DDT and derivatives	71000	NG/KG	5600	0
Chlordane + related cmpds.	52000	NG/KG	0	0
Polychlorinated biphenyls	580000	NG/KG	0	0
Chlorinated Hydrocarbons	580000	NG/KG	8300	0

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

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

From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	PLR	
			01-JUN-2005 P300207	01-NOV-2005 P318856
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-2005 to 31-DEC-2005

Source: Date: Sample:	MDL	Units	PLR	
			01-JUN-2005 P300207	01-NOV-2005 P318856
=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	1420	UG/KG	ND	ND
1,3-dichlorobenzene	733	UG/KG	1700	ND
1,2-dichlorobenzene	342	UG/KG	ND	ND
1,4-dichlorobenzene	1270	UG/KG	14800	9090
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	<986	ND
Di-n-butyl phthalate	1450	UG/KG	ND	ND
N-nitrosodimethylamine		UG/KG	ND	ND
Fluoranthene	216	UG/KG	ND	ND
Pyrene	1150	UG/KG	ND	ND
Butyl benzyl phthalate	2210	UG/KG	2620	3430
Chrysene	352	UG/KG	443	ND
Benzo[A]anthracene	1100	UG/KG	ND	ND
Bis-(2-ethylhexyl) phthalate	3960	UG/KG	5820	ND
Di-n-octyl phthalate	3460	UG/KG	4380	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	<741	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	443	0
Total Dichlorobenzenes	733	UG/KG	1700	0
=====	=====	=====	=====	=====
Base/Neutral Compounds	3960	UG/KG	29763	12520

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

POINT LOMA WASTEWATER TREATMENT PLANT
GRIT - Priority Pollutants Purgeable Compounds

From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	PLR	PLR
			01-JUN-2005 P300207	01-NOV-2005 P318856
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	81.1
Toluene	48	UG/KG	186.0	60.5
Ethylbenzene	90.5	UG/KG	ND	ND
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	186.0	141.6

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	ND
Styrene	19	UG/KG	ND	ND
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		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	ND
Acetone	185	UG/KG	4100.0	1490.0
Carbon disulfide	34	UG/KG	83.6	ND
2-butanone		UG/KG	614.0	216.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
GRIT - Herbicides

From 01-JAN-2005 To 31-DEC-2005

Sampling: AM
Analysis: CW,TB,KD

Analyte	MDL	Units	PLR	PLR
			01-JUN-2005	01-NOV-2005
=====	=====	=====	=====	=====
2,4-dichlorophenoxyacetic acid	6.84	MG/KG	ND	ND
2,4,5-TP (Silvex)	6.33	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: 2005

Raw Sludge
Average of 3 Shifts

Month	pH	%Total Solids	%Total Volatile Solids
January	6.42	3.9	73.7
February	6.37	4.0	72.3
March	6.36	3.8	75.3
April	6.27	3.9	75.1
May	6.16	3.9	75.7
June	6.12	3.9	76.1
July	6.20	3.6	75.4
August	6.15	3.8	74.5
September	6.12	3.8	75.6
October	6.09	3.6	75.2
November	6.27	3.6	75.9
December	6.27	3.6	75.6
Averages	6.23	3.8	75.075.03

J. Digester and Digested Sludge Data Summary

Point Loma Wastewater Treatment Plant Annual Report 2005 Digesters

N1P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2005	7.22	2.3	50.9	3110	48	62.3	37.3
FEBRUARY -2005	7.21	2.2	51.5	3020	47	62.3	37.4
MARCH -2005	7.20	2.2	52.6	3010	54	61.9	37.6
APRIL -2005	7.15	2.1	56.1	2650	59	61.8	37.7
MAY -2005	7.18	2.2	54.6	2720	55	62.0	37.7
JUNE -2005	7.18	2.2	55.7	2660	61	62.0	37.8
JULY -2005	7.15	2.1	55.3	2470	60	62.2	37.5
AUGUST -2005	7.12	2.1	56.9	2500	52	62.5	37.1
SEPTEMBER-2005	7.12	2.1	56.1	2600	51	62.8	36.7
OCTOBER -2005	7.13	2.1	55.2	2600	55	62.8	36.9
NOVEMBER -2005	7.13	2.0	55.6	2600	58	62.6	36.9
DECEMBER -2005	7.13	2.0	55.9	2710	55	62.7	36.8
Average:	7.16	2.1	54.7	2721	55	62.3	37.3

N2P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2005	7.24	2.1	52.0	3150	49	62.4	37.1
FEBRUARY -2005	7.22	2.1	52.4	3020	48	62.3	37.4
MARCH -2005	7.21	2.1	51.8	3050	55	62.1	37.4
APRIL -2005	7.18	2.0	55.9	2750	58	62.1	37.4
MAY -2005	7.20	2.1	54.2	2780	56	62.3	37.3
JUNE -2005	7.19	2.2	56.1	2720	62	62.1	37.6
JULY -2005	7.16	2.0	55.5	2560	60	62.3	37.3
AUGUST -2005	7.13	2.1	56.9	2600	54	62.4	37.2
SEPTEMBER-2005	7.12	2.1	56.5	2620	55	63.0	36.4
OCTOBER -2005	7.14	2.1	56.0	2560	56	62.8	36.8
NOVEMBER -2005	7.14	2.0	56.0	2620	59	62.7	36.9
DECEMBER -2005	7.17	2.0	55.8	2680	56	62.8	36.7
Average:	7.18	2.1	54.9	2759	56	62.4	37.1

C1P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2005	7.24	2.2	52.1	3120	56	62.6	37.1
FEBRUARY -2005	7.23	2.2	52.3	3020	61	62.5	37.2
MARCH -2005	7.20	2.3	52.0	3040	61	62.4	37.2
APRIL -2005	7.21	2.1	55.6	2720	62	62.2	37.4
MAY -2005	7.19	2.2	54.8	2790	60	62.3	37.4
JUNE -2005	7.19	2.3	55.3	2730	63	62.3	37.4
JULY -2005	7.18	2.2	54.7	2590	60	62.5	37.2
AUGUST -2005	7.14	2.2	55.8	2600	52	62.7	36.9
SEPTEMBER-2005	7.11	2.2	56.0	2620	56	63.1	36.5
OCTOBER -2005	7.12	2.2	54.1	2550	60	63.2	36.5
NOVEMBER -2005	7.12	2.2	54.4	2630	63	62.9	36.8
DECEMBER -2005	7.17	2.2	54.5	2710	56	63.1	36.6
Average:	7.18	2.2	54.3	2760	59	62.7	37.0

Point Loma Wastewater Treatment Plant Annual Report
2005 Digesters

C2P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)
JANUARY -2005	7.25	2.2	52.6	3090	47	62.6	37.1
FEBRUARY -2005	7.24	2.2	53.2	2990	55	62.6	37.1
MARCH -2005	7.22	2.3	52.2	3050	55	62.4	37.2
APRIL -2005	7.18	2.1	56.2	2740	59	62.2	37.4
MAY -2005	7.19	2.1	54.7	2800	56	62.5	37.2
JUNE -2005	7.21	2.2	56.6	2710	61	62.4	37.4
JULY -2005	7.16	2.1	55.9	2530	59	62.6	37.2
AUGUST -2005	7.12	2.1	56.8	2540	55	62.6	37.1
SEPTEMBER-2005	7.13	2.1	56.4	2640	55	63.2	36.5
OCTOBER -2005	7.12	2.1	55.5	2550	57	63.2	36.4
NOVEMBER -2005	7.13	2.0	56.2	2640	59	62.9	36.8
DECEMBER -2005	7.18	2.0	56.1	2690	57	63.3	36.4
	7.18	2.1	55.2	2748	56	62.7	37.0

S1P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)	H2S ppm
JANUARY -2005	*	*	*	*	*	*	*	*
FEBRUARY -2005	*	*	*	*	*	*	*	*
MARCH -2005	*	*	*	*	*	*	*	*
APRIL -2005	*	*	*	*	*	*	*	*
MAY -2005	*	*	*	*	*	*	*	*
JUNE -2005	*	*	*	*	*	*	*	*
JULY -2005	*	*	*	*	*	*	*	*
AUGUST -2005	*	*	*	*	*	*	*	*
SEPTEMBER-2005	*	*	*	*	*	*	*	*
OCTOBER -2005	*	*	*	*	*	*	*	*
NOVEMBER -2005	*	*	*	*	*	*	*	*
DECEMBER -2005	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*

"This Digester was taken out of service on May 29, 2003 for rehabilitation."

S2P

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)	H2S ppm
JANUARY -2005	*	*	*	*	*	*	*	*
FEBRUARY -2005	*	*	*	*	*	*	*	*
MARCH -2005	*	*	*	*	*	*	*	*
APRIL -2005	*	*	*	*	*	*	*	*
MAY -2005	*	*	*	*	*	*	*	*
JUNE -2005	*	*	*	*	*	*	*	*
JULY -2005	*	*	*	*	*	*	*	*
AUGUST -2005	*	*	*	*	*	*	*	*
SEPTEMBER-2005	*	*	*	*	*	*	*	*
OCTOBER -2005	*	*	*	*	*	*	*	*
NOVEMBER -2005	*	*	*	*	*	*	*	*
DECEMBER -2005	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*

* = Not in service.

**Point Loma Wastewater Treatment Plant Annual Report
2005 Digesters**

DIG 7

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Di oxide (%)	H2S ppm
JUNE - 1905	*	*	*	*	*	*	*	*
JANUARY - 2005	7.28	2.1	51.6	3170	48	62.3	37.3	*
FEBRUARY - 2005	7.28	2.0	52.8	3080	48	62.2	37.4	*
MARCH - 2005	7.28	2.0	50.2	3170	54	62.1	37.5	*
APRIL - 2005	7.26	1.9	54.8	2860	56	62.1	37.5	*
MAY - 2005	7.26	2.0	54.1	2940	56	62.3	37.3	*
JUNE - 2005	7.27	2.1	55.1	2860	59	62.3	37.4	*
JULY - 2005	7.26	2.0	55.1	2670	59	62.3	37.3	*
AUGUST - 2005	7.21	2.0	55.7	2690	53	62.4	37.2	*
SEPTEMBER- 2005	7.19	2.0	55.9	2780	54	62.8	36.7	*
OCTOBER - 2005	7.21	2.0	54.7	2690	57	62.8	36.8	*
NOVEMBER - 2005	7.22	1.9	55.6	2730	59	62.8	36.7	*
DECEMBER - 2005	7.23	1.9	55.3	2810	55	62.8	36.7	*
	7.25	2.0	54.2	2871	55	62.4	37.2	*

DIG 8

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Di oxide (%)	H2S ppm
JUNE - 1905	*	*	*	*	*	*	*	*
JANUARY - 2005	7.24	2.2	54.9	2830	53	62.0	37.7	*
FEBRUARY - 2005	7.22	2.2	55.2	2770	52	62.2	37.5	*
MARCH - 2005	7.22	2.2	53.6	2930	57	62.0	37.6	*
APRIL - 2005	7.19	2.1	57.0	2680	58	61.9	37.7	*
MAY - 2005	7.22	2.2	55.9	2730	58	62.2	37.4	*
JUNE - 2005	7.21	2.2	57.1	2640	63	62.0	37.7	*
JULY - 2005	7.18	2.1	56.5	2460	58	62.3	37.5	*
AUGUST - 2005	7.14	2.1	57.8	2460	54	62.4	37.3	*
SEPTEMBER- 2005	7.13	2.1	57.5	2520	55	62.7	36.8	*
OCTOBER - 2005	7.12	2.1	56.7	2450	57	62.7	36.8	*
NOVEMBER - 2005	7.11	2.0	57.8	2530	60	62.5	37.0	*
DECEMBER - 2005	7.15	2.0	57.9	2570	55	62.8	36.7	*
	7.18	2.1	56.5	2631	57	62.3	37.3	*

