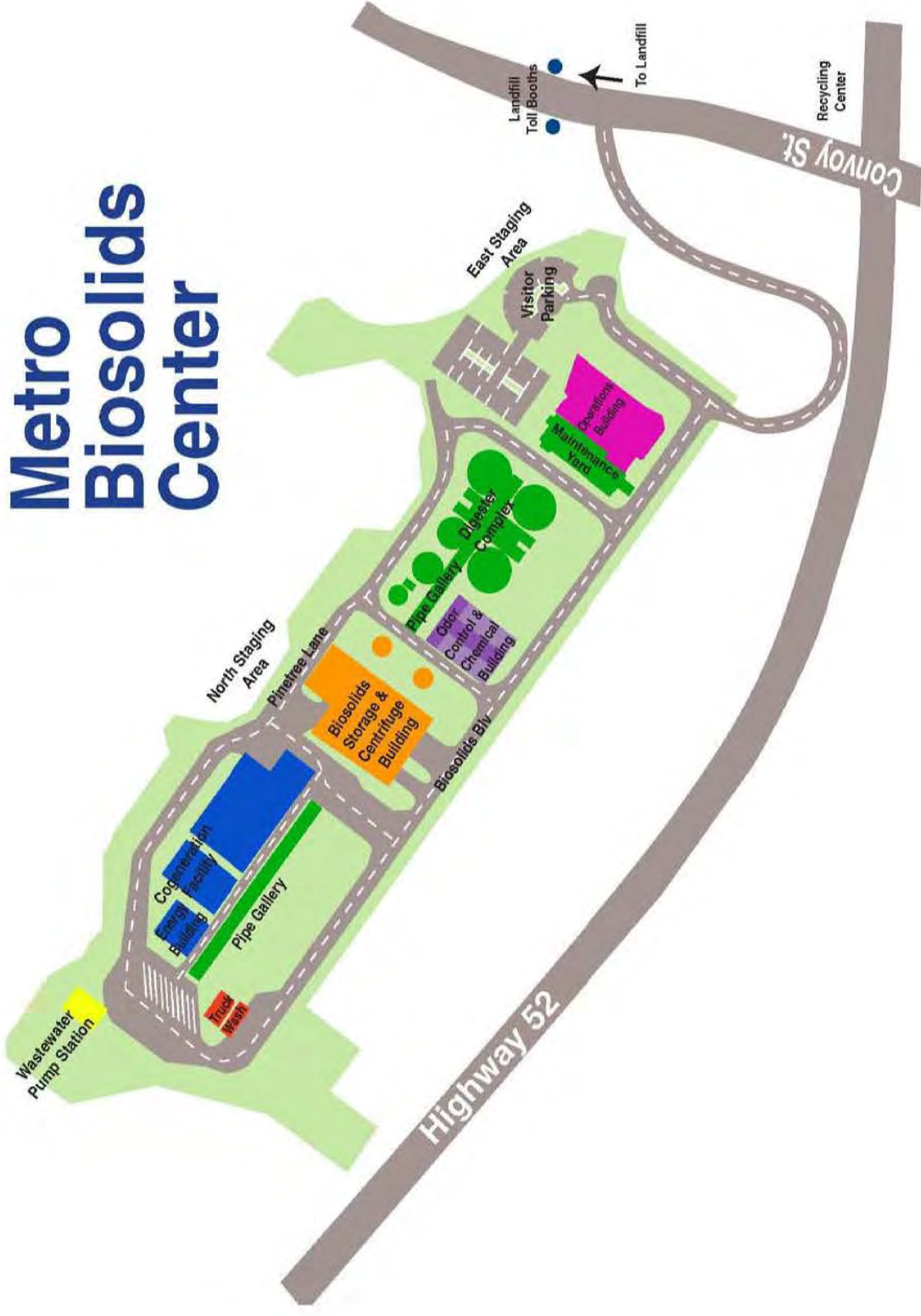


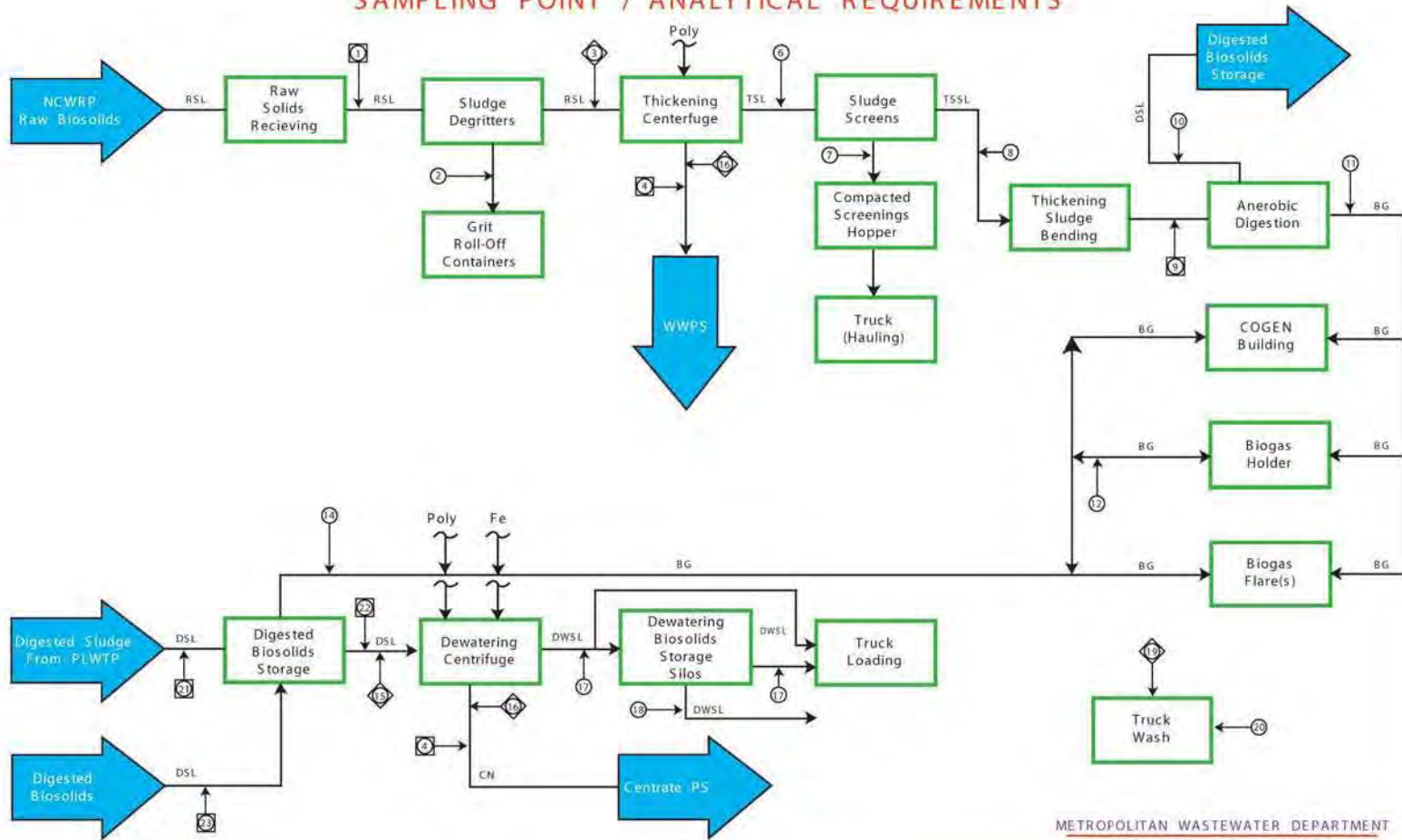
IV. Metro Biosolids Center (MBC) Data

- A. MBC Diagrams
- B. Return Stream Data Summary
- C. Digester and Digested Sludge Data Summary
- D. Gas Production
- E. Chemical Usage
- F. Graphs of Chemical Usage
- G. Solids Handling Annual Report
- H. Results of "Title 22" Sludge Hazardous Waste Tests

A. MBC Diagrams



METROPOLITAN BIOSOLIDS CENTER PROCESS FLOW DIAGRAM SAMPLING POINT / ANALYTICAL REQUIREMENTS



METROPOLITAN WASTEWATER DEPARTMENT
O & M SUPPORT SERVICES

- GRAB SAMPLER
- ◻ AUTOSAMPLER
- ◇ ANALYZER/METER

LOCATION	DESCRIPTION	LOCATION	DESCRIPTION	LOCATION	DESCRIPTION
1	Raw Solids Sampler (73 AU 9040): Volatile Solids, Total Solids, pH, Alkalinity	9	Thickened Sludge (73 AU 9050): Total Solids, Volatile Solids, Temperature, pH, Alkalinity, Volatile Acids, Iron	16	Centrate (Dewatering & Thickening) Analyzers: Total Suspended Solids, Dewatered Biosolids: Total Solids, Volatile Solids, pH, TKN, PCB, Trace Metals
2	Grit: Volatile Solids, % Moisture	10	Aerobically Digested Sludge: % Total Solids, % Volatile Solids, Temperature, pH, Alkalinity, Volatile Acids	17	Dewatered Biosolids: Cake: Total Solids, Volatile Solids, pH, TKN, PCB, Trace Metals
3	Thickened Sludge Feed Loop (76 DE 2140): Total Solids, Volatile Solids	11	Biogas from Digestion: Methane (CH ₄), Carbon Dioxide (CO ₂), Hydrogen Sulfide (H ₂ S)	18	Truck Wash: 187-AIT-9011; CL ₂ Residue
4	Centrate (Dewatering & Thickening) Sampler (76 AU 7635): Total Suspended Solids, pH, BOD ₅	12	Biogas to Biogas Holder: Methane (CH ₄), Carbon Dioxide (CO ₂), H ₂ S	19	Truck Wash: BOD ₅ , Coliform
5	Thickened Biosolids: Total Solids, Volatile Solids, pH	13	Biogas from Digestion: Methane (CH ₄), Carbon Dioxide (CO ₂), H ₂ S	20	Digested Sludge from PLWTP (80 AU 9000): Total Solids, Volatile Solids, pH, Iron
6	Sludge Screening: Volatile Solids, % Moisture	14	Dewatering Centrifuge Feed Loop (76 DE 2502): Total Solids	21	Digested Sludge from DBST (80 AU 2115): Total Solids, Volatile Solids, pH
7	Thickened Screen Sludge: Total Sludge, Volatile Solids	15		22	Digester Sampler: Digester#1 80 AU 9006, Digester#2 9007, Digester#3 9008
8				23	Total Solids, Volatile Solids, pH, Alkalinity, Iron

Revision Date: 02/11/04

B. Return Stream Data Summary

This section presents the results of analyses of the Metro Biosolids Center (MBC) return stream (MBC_COMBCN) for 2008. This return stream is continuously sampled by a flow proportioned, autosampler connected to the return stream lines at MBC. Each 24-hour¹¹ composite is collected and analyzed for pH, BOD, TSS, TVSS, TS, and TVS daily. An aliquot is preserved and added to a monthly (calendar month) composite for analysis of trace metals.

The data is presented in tables of monthly averages and graphs of the monthly averages of select parameters. Tables of daily values for select parameters (such as TSS, Flow, etc.) along with graphs are also provided.



¹¹ approximately midnight to midnight each day.

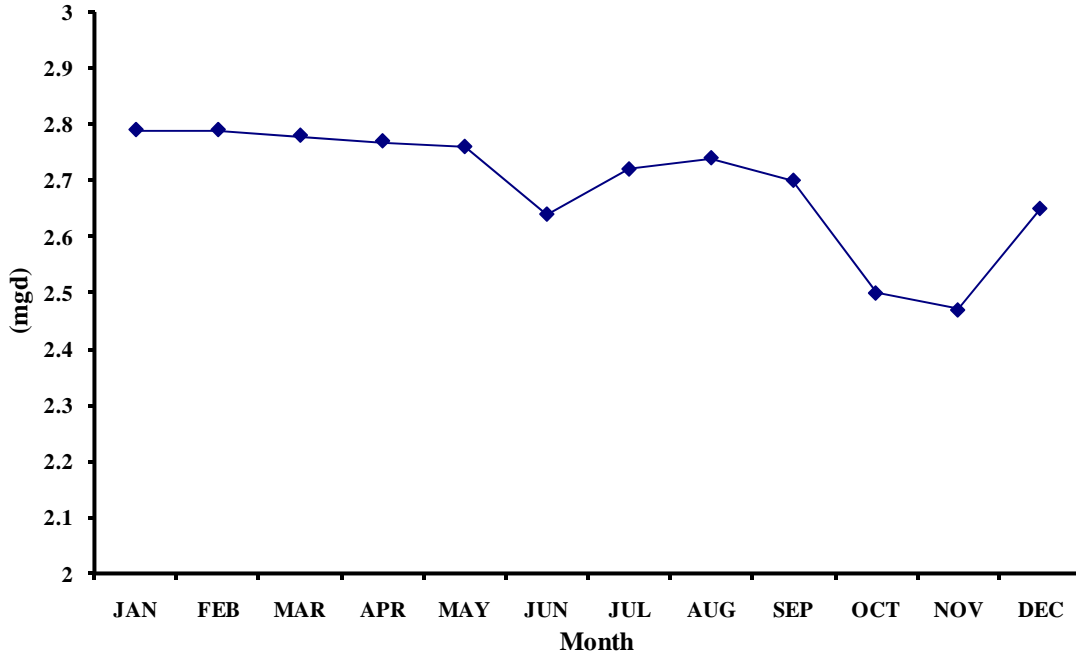
Metro Biosolids Center
 Sludge Project - Annual Summary
 Combined Sludge Centrate

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

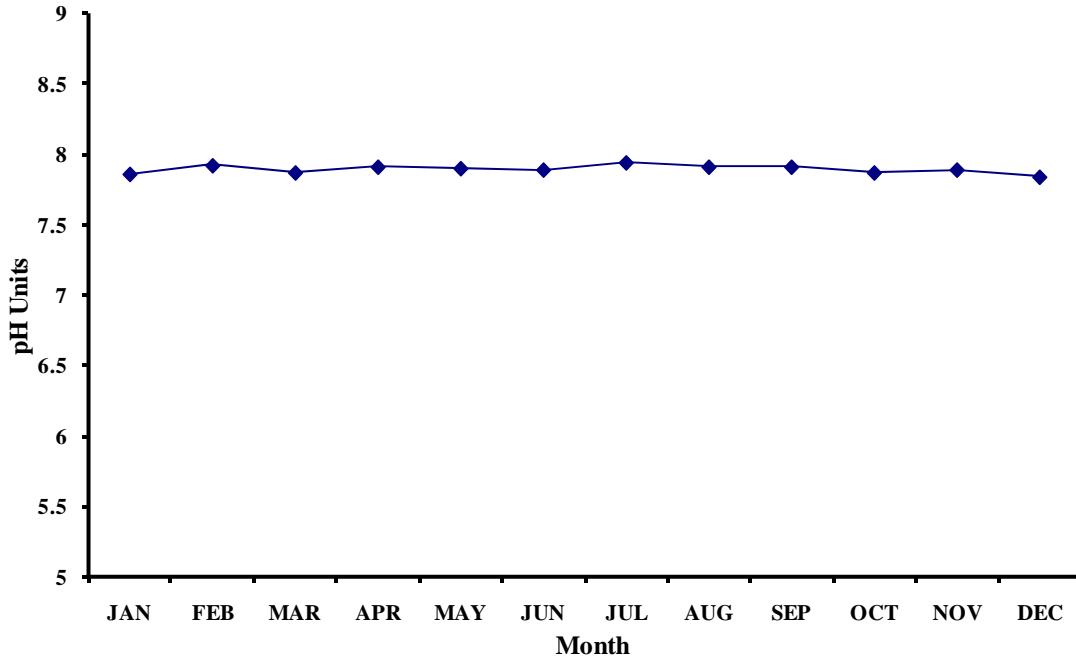
	FLOW	PH	BOD	TSS	VSS	TS	TVS	TSS Mass Emmissions (lbs/Day)
	MGD	pH Units	mg/L	mg/L	mg/L	Wt%	Wt%	
JANUARY -2008	2.79	7.91	295	609	405	0.26	36	14171
FEBRUARY -2008	2.79	7.88	339	705	502	0.27	38	16404
MARCH -2008	2.78	7.94	358	620	447	0.27	41	14375
APRIL -2008	2.77	7.88	427	665	478	0.29	46	15363
MAY -2008	2.76	7.85	285	610	443	0.31	46	14041
JUNE -2008	2.64	7.89	314	831	603	0.36	49	18297
JULY -2008	2.72	7.88	336	1040	725	0.39	51	23592
AUGUST -2008	2.74	7.86	<294	924	637	0.38	49	21115
SEPTEMBER-2008	2.70	7.88	268	857	600	0.38	49	19298
OCTOBER -2008	2.50	7.90	377	1140	733	0.36	45	23769
NOVEMBER -2008	2.47	7.86	505	1790	1270	0.44	50	36874
DECEMBER -2008	2.65	7.84	>362	1680	1030	0.38	46	37130
Average	2.69	7.88	347	956	656	0.34	46	21202

'Average' = Annual average of Monthly Averages.

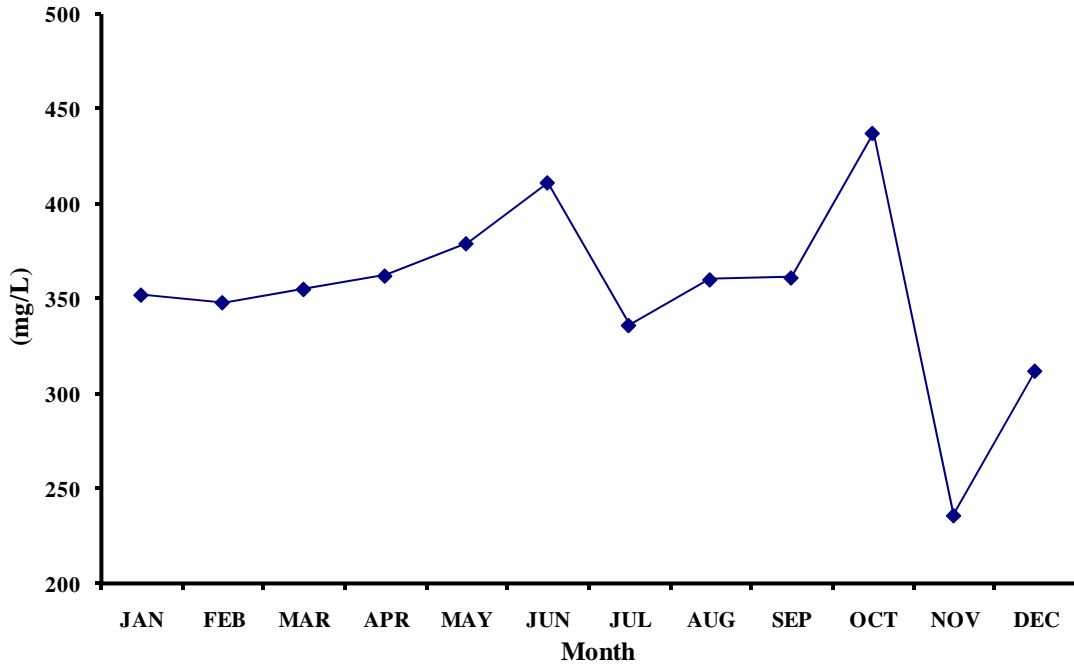
**MBC Combined Centrate
2008 Monthly Averages - Flow (mgd)**



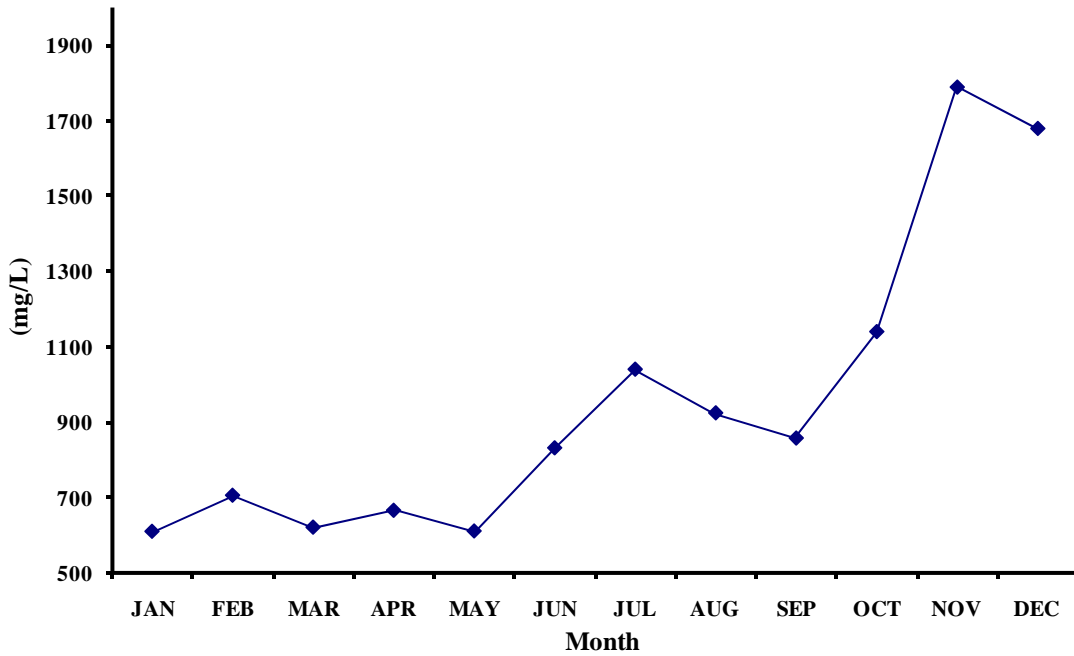
**MBC Combined Centrate
2008 Monthly Averages - pH**



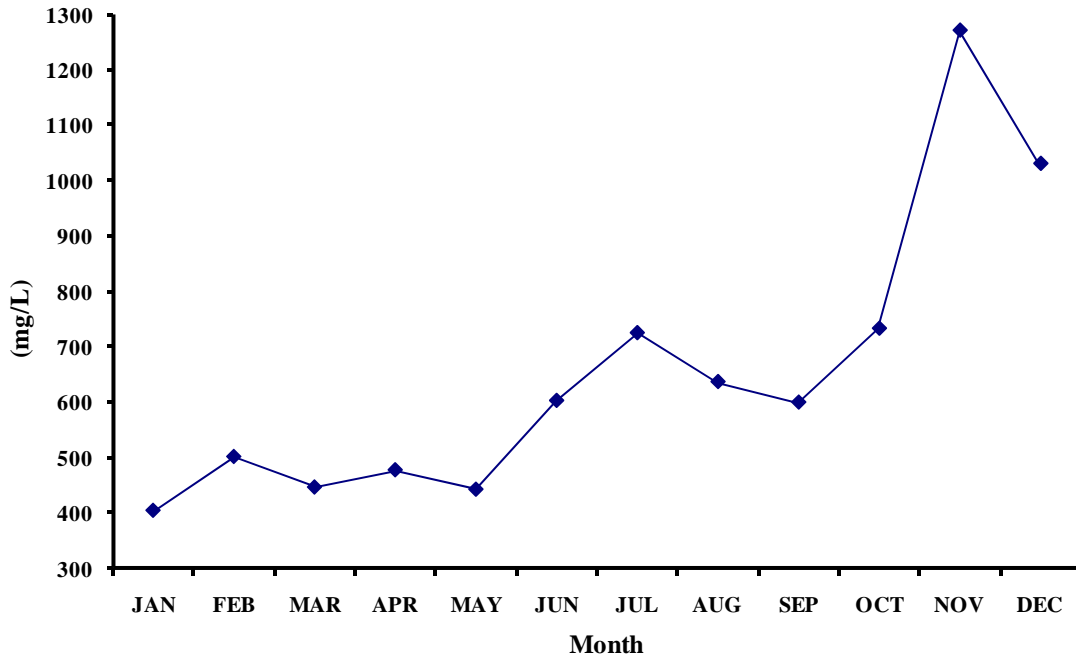
**MBC Combined Centrate
2008 Monthly Averages - BOD (mg/L)**



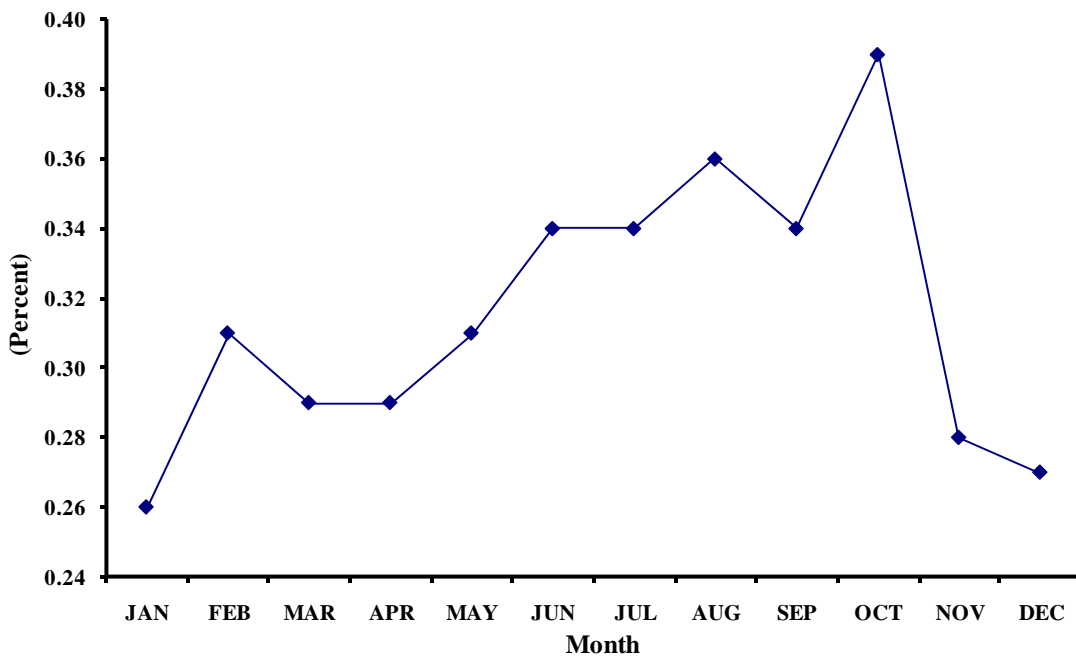
**MBC Combined Centrate
2008 Monthly Averages - TSS (mg/L)**



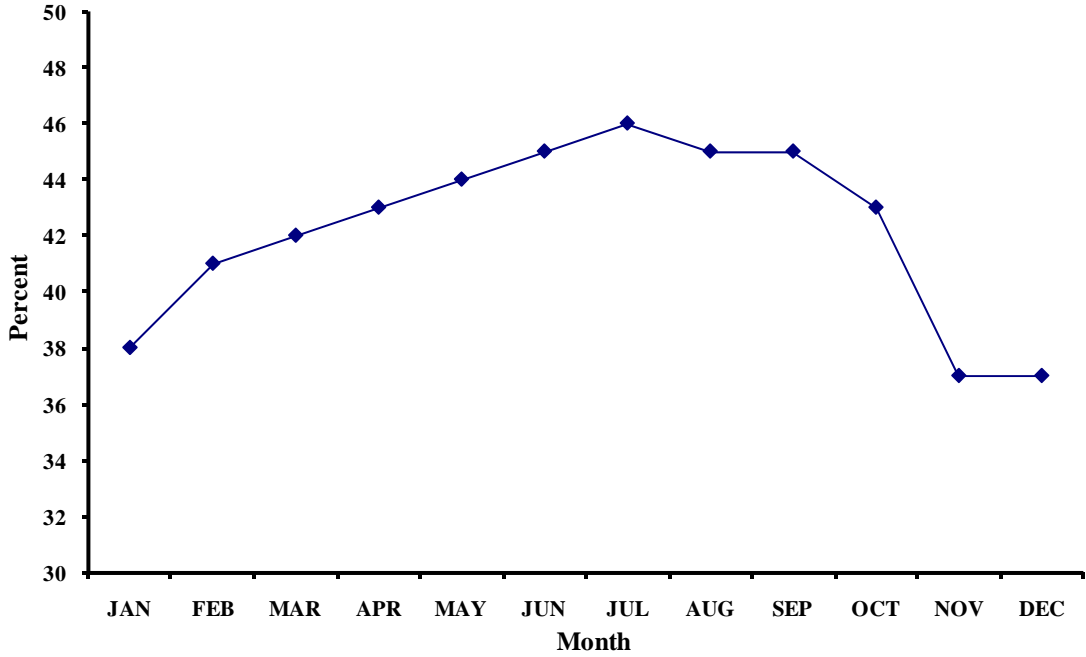
**MBC Combined Centrate
2008 Monthly Averages - VSS (mg/L)**



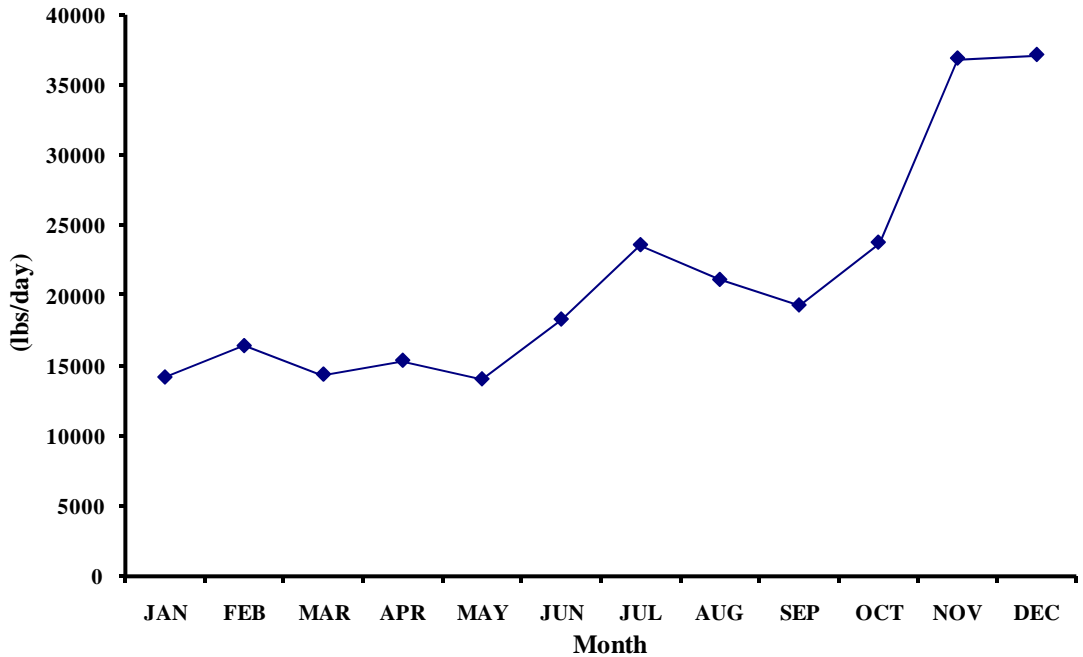
**MBC Combined Centrate
2008 Monthly Averages - Percent TS**



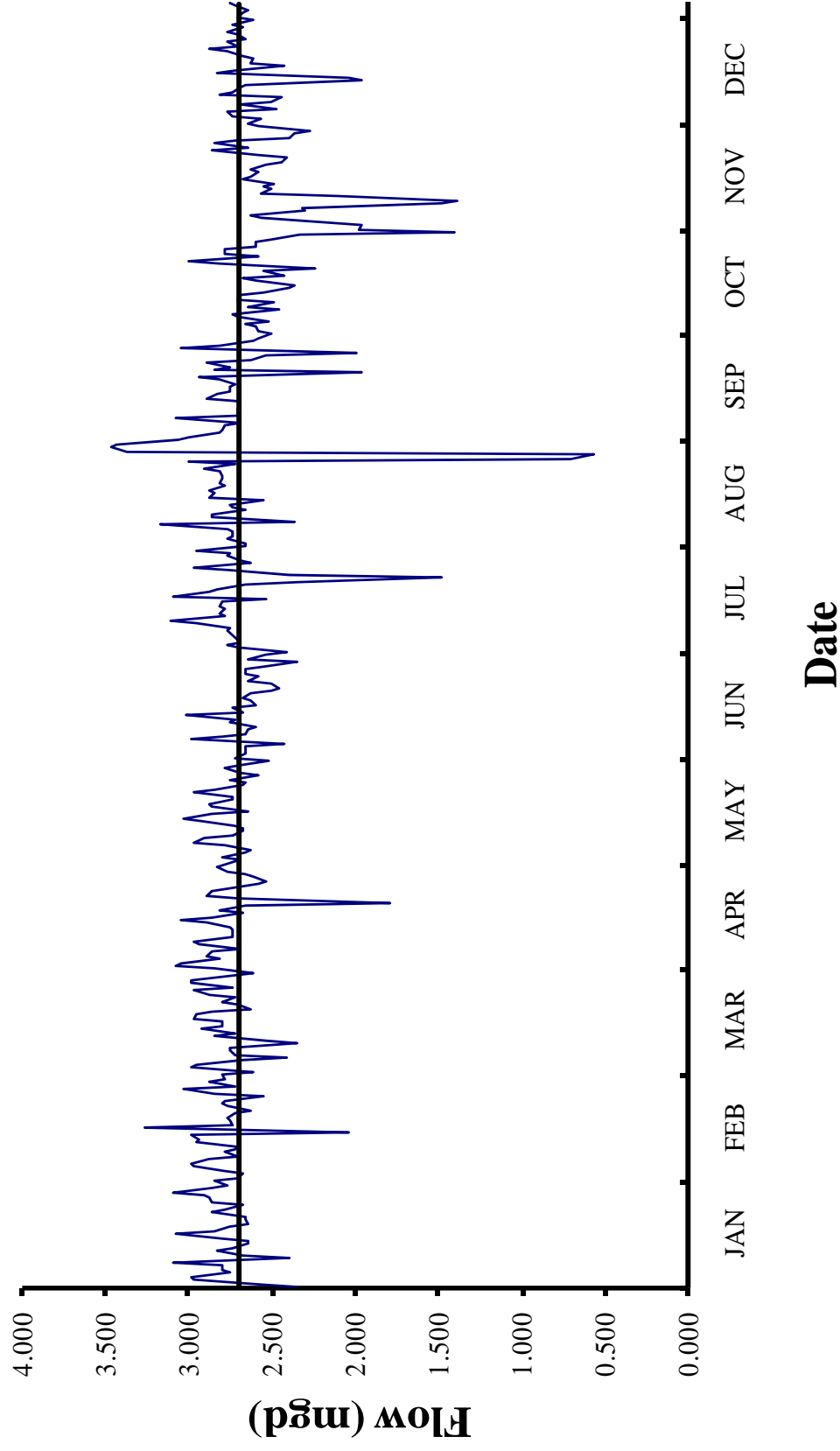
**MBC Combined Centrate
2008 Monthly Averages - Percent TVS**



**MBC Combined Centrate
2008 Monthly Averages - TSS Mass Emission (lbs/day)**



2008 MBC Return Stream Flow (mgd)



Metro Biosolids Center

2008 MBC Return Stream Daily Flows (mgd)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.351	2.712	2.801	3.080	2.699	2.670	2.766	2.739	2.785	2.519	2.310	2.691
2	2.576	2.686	2.621	3.044	2.809	2.668	2.691	2.743	2.701	2.708	2.325	2.506
3	2.979	2.786	2.994	2.823	2.670	2.437	2.722	2.771	3.089	2.744	1.482	2.449
4	2.994	2.970	2.963	2.894	2.630	2.984	2.734	3.177	2.703	2.468	1.389	2.816
5	2.755	2.993	2.671	2.860	2.782	2.809	2.767	2.374	2.709	2.641	2.111	2.738
6	2.798	2.881	2.410	2.699	2.968	2.659	2.759	2.865	2.711	2.486	2.573	2.699
7	2.796	2.702	2.730	2.941	2.905	2.644	2.956	2.867	2.698	2.714	2.515	2.664
8	3.101	2.785	2.761	2.974	2.735	2.599	3.119	2.669	2.712	2.696	2.561	1.963
9	2.403	2.723	2.761	2.742	2.673	2.761	2.792	2.741	2.899	2.546	2.499	2.046
10	2.684	2.703	2.352	2.746	2.676	2.717	2.825	2.763	2.839	2.394	2.685	2.840
11	2.829	2.961	2.534	2.739	2.727	3.022	2.786	2.546	2.760	2.369	2.629	2.721
12	2.744	2.941	2.852	2.754	2.926	2.677	2.813	2.882	2.750	2.601	2.587	2.434
13	2.649	2.989	2.719	2.897	3.040	2.741	2.802	2.855	2.719	2.683	2.634	2.638
14	2.646	2.041	2.920	3.048	2.868	2.595	2.536	2.884	2.811	2.426	2.540	2.621
15	2.796	3.274	2.798	2.870	2.651	2.627	3.104	2.780	2.945	2.554	2.451	2.682
16	3.074	2.734	2.799	2.682	2.871	2.683	2.877	2.823	1.957	2.245	2.412	2.764
17	2.843	2.754	2.968	2.820	2.886	2.634	2.834	2.808	2.845	2.811	2.591	2.882
18	2.762	2.773	2.951	2.657	2.733	2.512	2.665	2.800	2.762	3.008	2.862	2.713
19	2.652	2.726	2.871	1.801	2.741	2.463	2.346	2.822	2.892	2.590	2.648	2.764
20	2.665	2.636	2.632	2.704	2.973	2.502	1.487	2.908	2.637	2.789	2.851	2.657
21	2.667	2.765	2.705	2.889	2.843	2.648	2.396	2.730	2.532	2.791	2.722	2.713
22	2.870	2.807	2.796	2.868	2.681	2.590	2.757	3.007	2.000	2.607	2.400	2.773
23	2.792	2.783	2.719	2.775	2.668	2.656	2.974	0.708	3.048	2.596	2.365	2.672
24	2.676	2.547	2.880	2.578	2.760	2.655	2.625	0.567	2.820	2.513	2.272	2.740
25	2.871	2.846	2.975	2.537	2.579	2.553	2.693	3.371	2.620	2.339	2.592	2.618
26	2.884	3.038	2.743	2.617	2.690	2.347	2.773	3.470	2.591	1.411	2.650	2.711
27	2.911	2.724	2.995	2.656	2.783	2.652	2.760	3.442	2.508	1.983	2.570	2.680
28	3.092	2.878	2.985	2.778	2.709	2.535	2.951	3.074	2.581	1.972	2.745	2.651
29	2.863	2.788	2.747	2.830	2.519	2.417	2.669	3.005	2.595	2.172	2.779	2.722
30	2.777		2.609	2.787	2.723	2.710	2.659	2.814	2.664	2.567	2.483	2.758
31	2.847		2.853		2.662		2.766	2.807		2.628		2.692
Avg	2.785	2.791	2.778	2.770	2.761	2.639	2.723	2.736	2.696	2.502	2.474	2.646
Min	2.351	2.041	2.352	1.801	2.519	2.347	1.487	0.567	1.957	1.411	1.389	1.963
Max	3.101	3.274	2.995	3.080	3.040	3.022	3.119	3.470	3.089	3.008	2.862	2.882

POINT LOMA WASTEWATER TREATMENT PLANT
METRO BIOSOLIDS CENTER
ANNUAL SLUDGE CENTRATE COMPOSITES
Trace Metals

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

SAMPLED BY: MBC Personnel

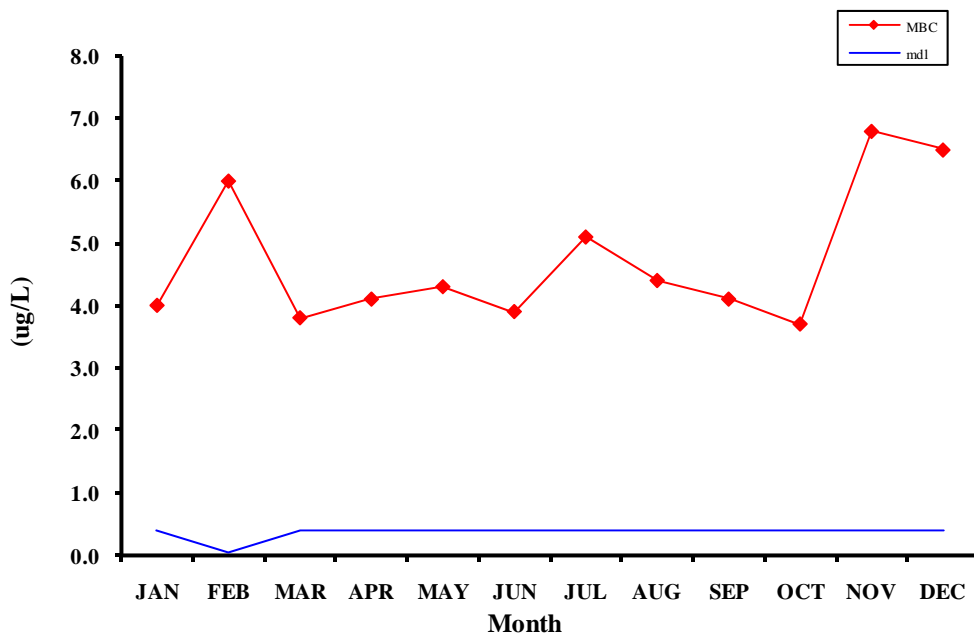
Source:		MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
Date:		31-JAN-2008	29-FEB-2008	31-MAR-2008	30-APR-2008	31-MAY-2008	30-JUN-2008
Sample ID:		P416210ts	P419044	P421503	P425829	P428695	P432369
Aluminum	47 UG/L	1720	2640	2140	2150	2240	3050
Antimony	2.9 UG/L	ND	ND	ND	ND	ND	ND
Arsenic	.4 UG/L	4.0	6.0	3.8	4.1	4.3	3.9
Barium	.039 UG/L	164	236	207	198	189	287
Beryllium	.022 UG/L	ND	ND	0.03	ND	0.11	0.10
Cadmium	.53 UG/L	ND	0.7	ND	ND	ND	0.7
Chromium	1.2 UG/L	16	39	21	15	15	26
Cobalt	.85 UG/L	2.5	3.9	3.4	3.5	3.4	4.7
Copper	.63 UG/L	138	221	219	214	204	364
Iron	37 UG/L	35100	41000	35900	38200	39800	55000
Lead	2 UG/L	2	ND	3	3	2	ND
Manganese	.24 UG/L	242	279	286	327	412	430
Mercury	.09 UG/L	0.37	0.41	0.32	0.40	0.24	0.69
Molybdenum	.89 UG/L	6.2	7.7	8.9	7.1	7.4	10.5
Nickel	.53 UG/L	26	47	34	28	31	46
Selenium	.28 UG/L	2.58	3.59	3.50	3.49	3.08	4.54
Silver	.4 UG/L	1	3	3	3	3	5
Thallium	3.9 UG/L	ND	ND	ND	ND	ND	ND
Vanadium	.64 UG/L	3.9	5.6	5.8	2.5	3.0	6.5
Zinc	.41 UG/L	216	355	289	281	274	464

Source:		MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
Date:		31-JUL-2008	31-AUG-2008	30-SEP-2008	31-OCT-2008	30-NOV-2008	31-DEC-2008
Sample ID:		P436451ts	P439698	P443813	P446404	P452339	P456281
Aluminum	47 UG/L	3880	3570	2790	3350	6300	4740
Antimony	2.9 UG/L	ND	ND	ND	ND	3.7	ND
Arsenic	.4 UG/L	5.1	4.4	4.1	3.7	6.8	6.5
Barium	.039 UG/L	382	328	305	325	525	425
Beryllium	.022 UG/L	0.24	0.11	0.09	0.05	0.11	0.16
Cadmium	.53 UG/L	0.7	0.7	ND	ND	ND	ND
Chromium	1.2 UG/L	51	37	44	31	78	42
Cobalt	.85 UG/L	4.8	4.3	5.0	4.2	5.1	5.1
Copper	.63 UG/L	532	444	378	390	774	522
Iron	37 UG/L	72400	56800	56700	55800	102000	81300
Lead	2 UG/L	9	8	5	12	23	17
Manganese	.24 UG/L	491	510	586	507	765	545
Mercury	.09 UG/L	1.01	0.64	0.45	0.46	0.26	0.52
Molybdenum	.89 UG/L	18.4	13.5	14.0	13.7	21.7	17.2
Nickel	.53 UG/L	69	47	58	47	63	47
Selenium	.28 UG/L	5.60	4.65	3.70	4.70	7.39	5.60
Silver	.4 UG/L	7	4	4	4	7	6
Thallium	3.9 UG/L	ND	ND	ND	ND	ND	ND
Vanadium	.64 UG/L	12.0	8.7	6.2	9.5	17.2	13.3
Zinc	.41 UG/L	685	554	432	461	885	652

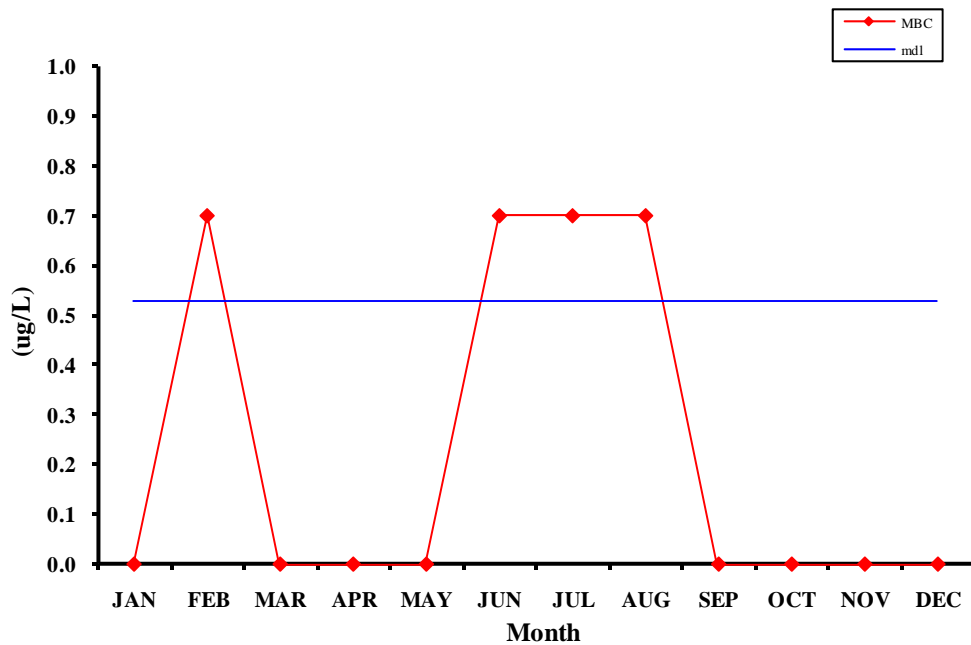
ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
NR= Not Required

MBC_COMBCN= Metro Biosolids Center Combined Sludge Centrate.

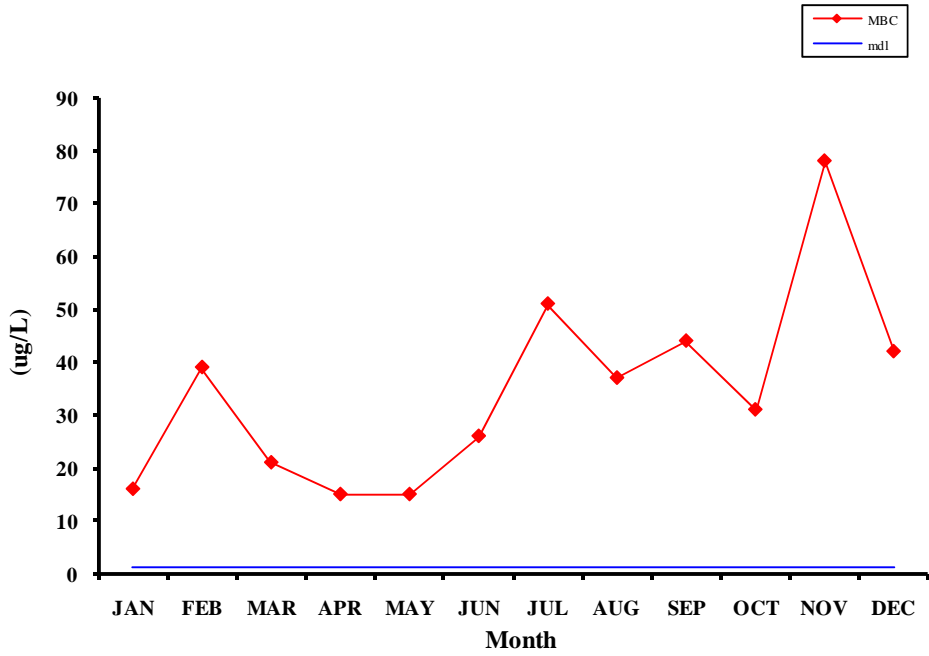
**MBC_COMBCN
Arsenic
2008 Monthly Averages**



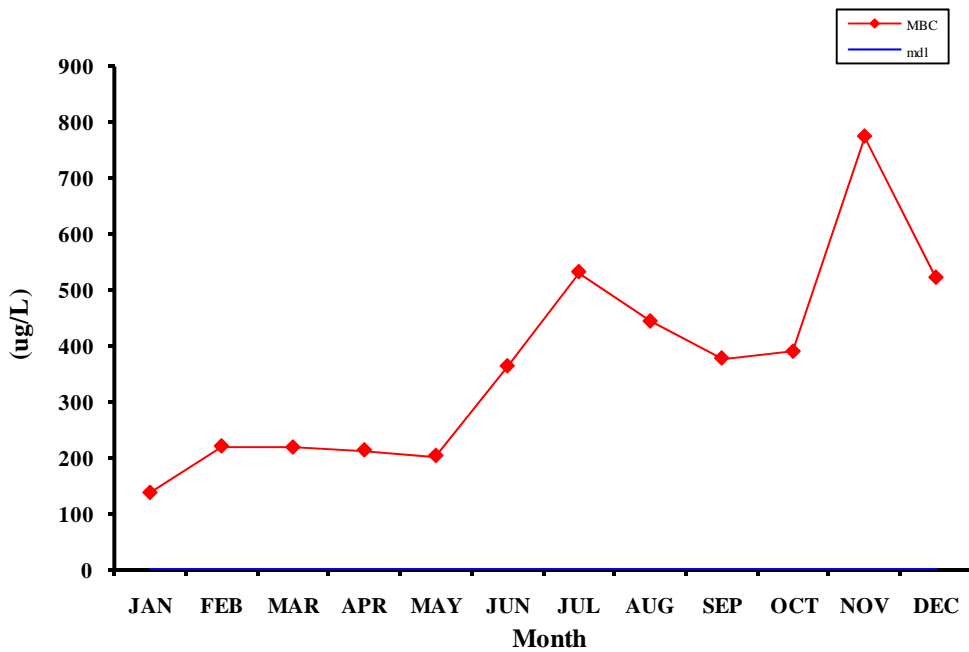
**MBC_COMBCN
Cadmium
2008 Monthly Averages**



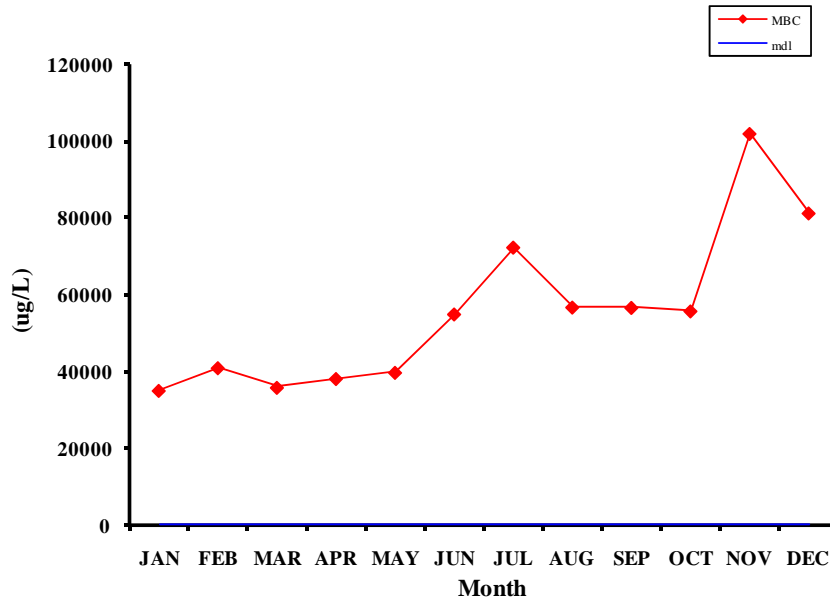
**MBC_COMBCN
Chromium
2008 Monthly Averages**



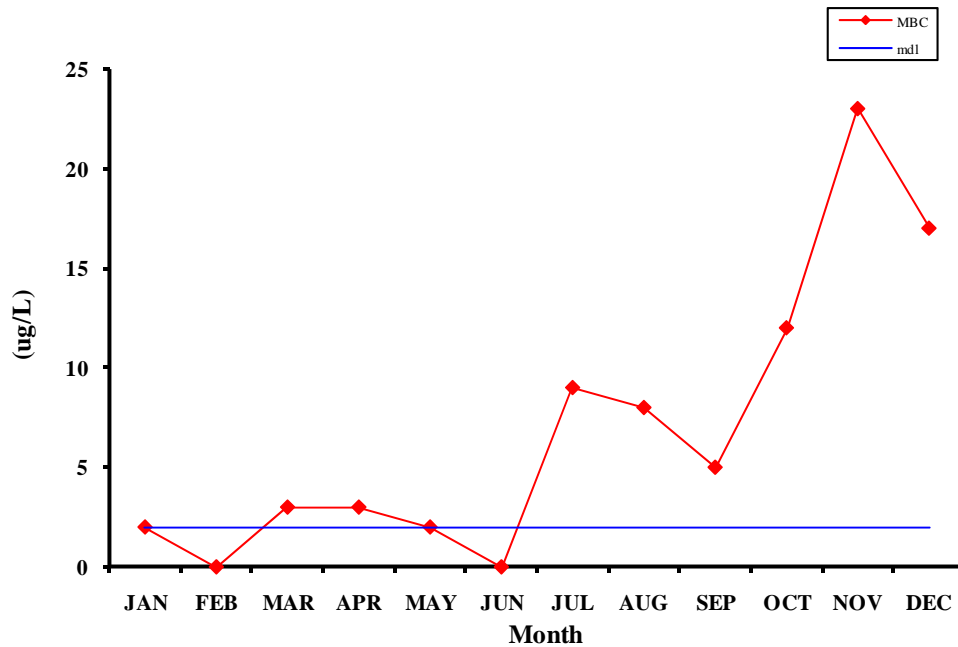
**MBC_COMBCN
Copper
2008 Monthly Averages**



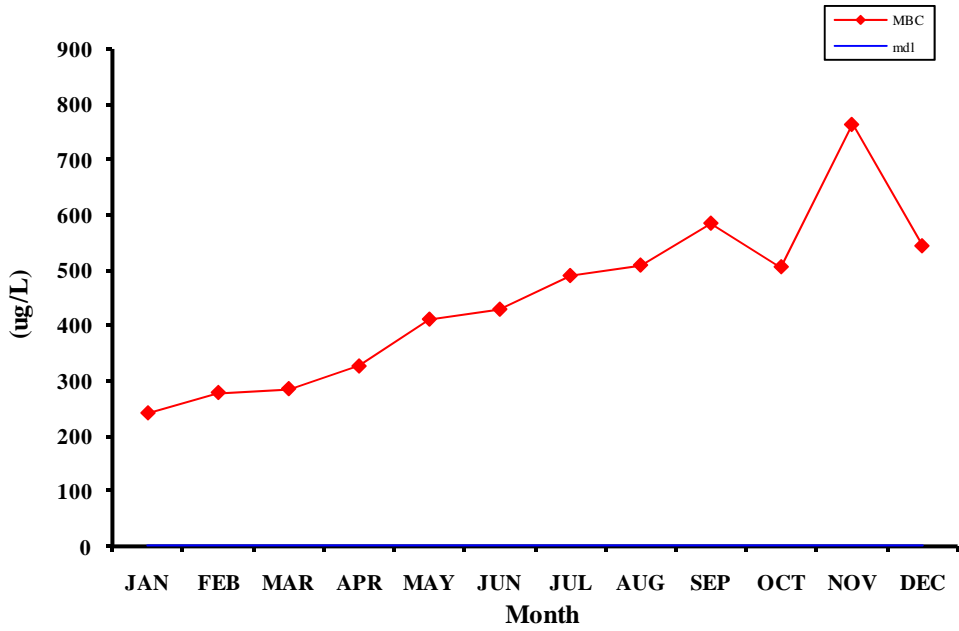
**MBC_COMBCN
Iron
2008 Monthly Averages**



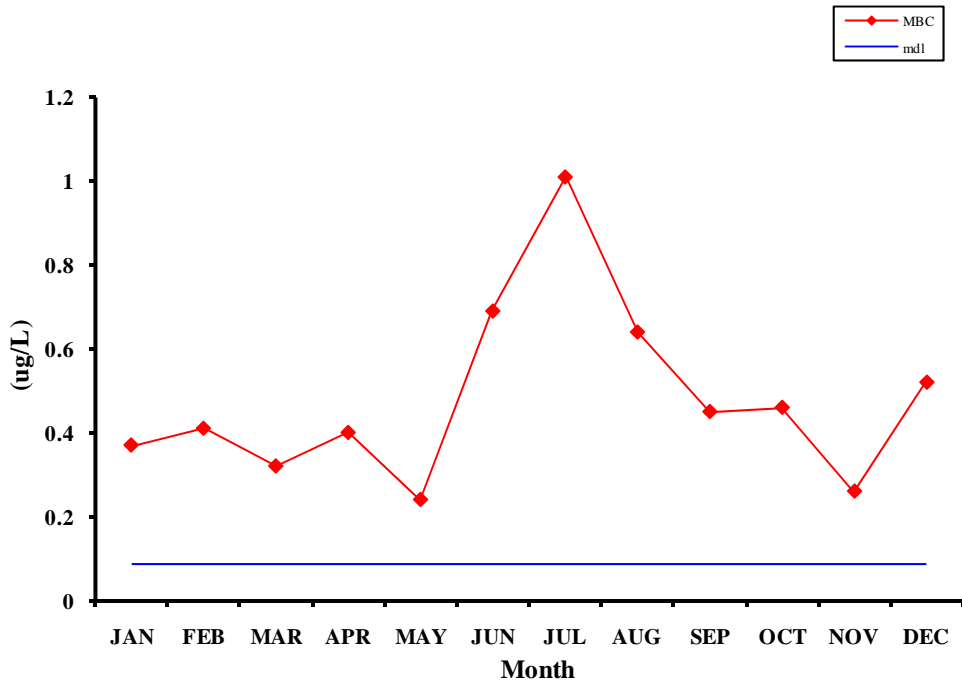
**MBC_COMBCN
Lead
2008 Monthly Averages**



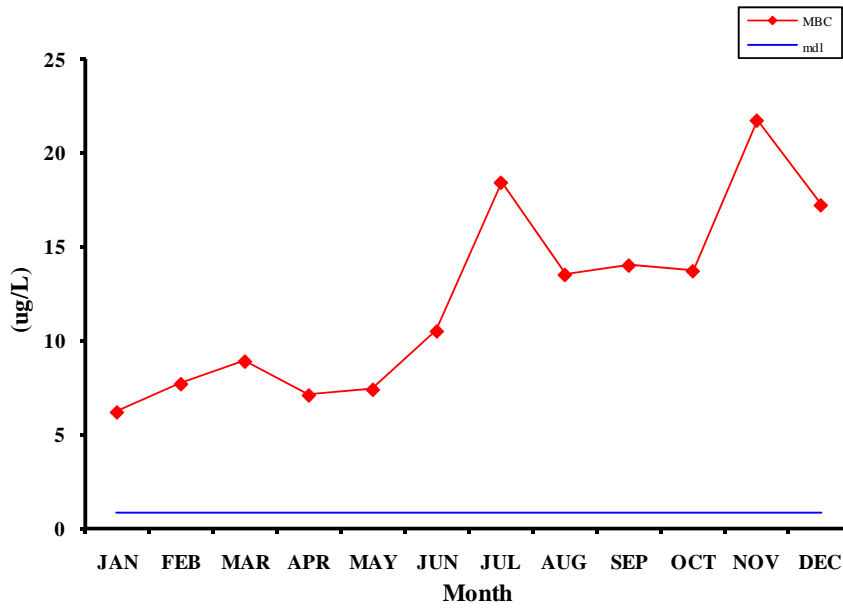
MBC_COMBCN
Manganese
2008 Monthly Averages



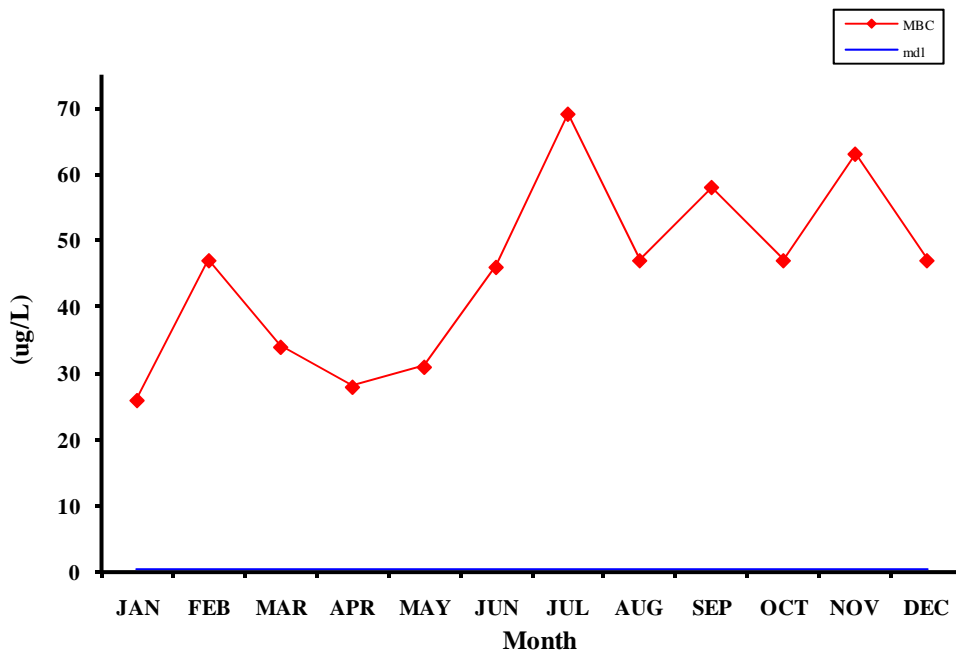
MBC_COMBCN
Mercury
2008 Monthly Averages



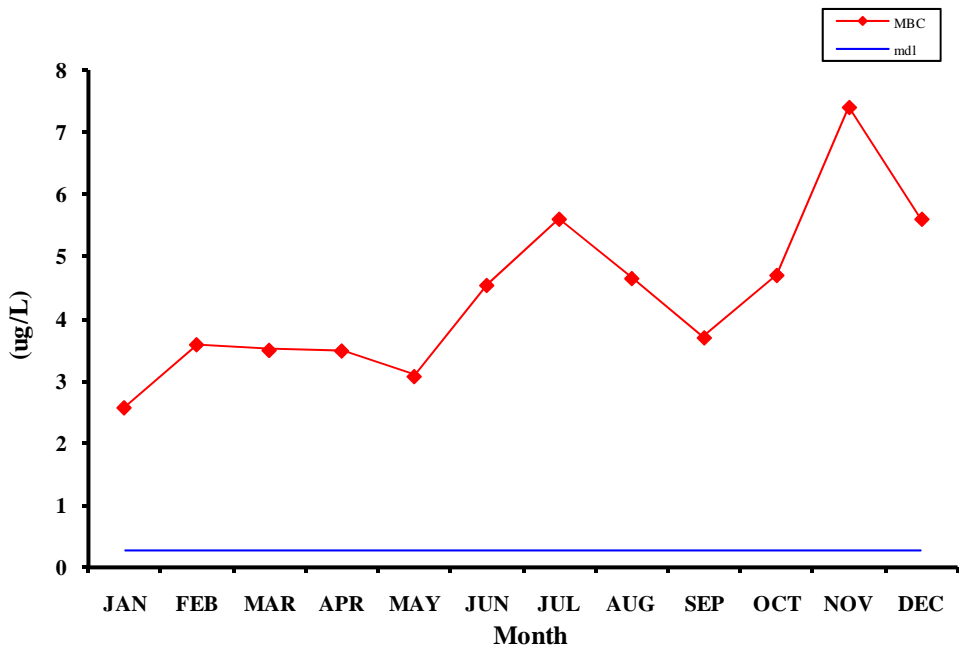
MBC_COMBCN
Molybdeum
2008 Monthly Averages



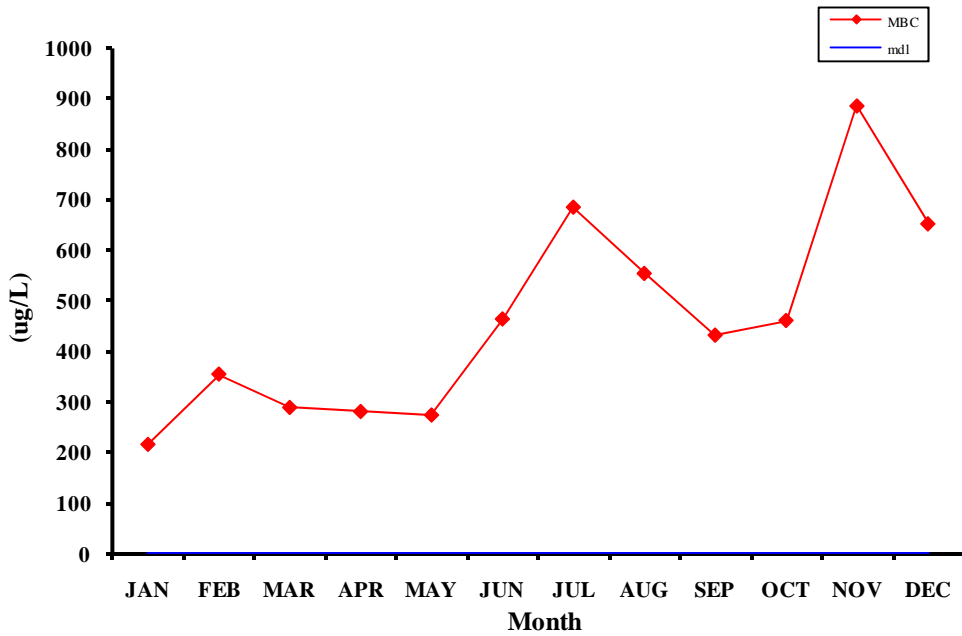
MBC_COMBCN
Nickel
2008 Monthly Averages



**MBC_COMBCN
Selenium
2008 Monthly Averages**



**MBC_COMBCN
Zinc
2008 Monthly Averages**



C. MBC Digester and Digested Sludge Data Summary

Metro Biosolids Center Annual Summary

Digesters

From 01-JAN-200/ to 31-DEC-2008

Digester 1

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)	H2S ppm
OUT OF SERVICE								
JANUARY -2008								
FEBRUARY -2008								
MARCH -2008								
APRIL -2008								
MAY -2008								
JUNE -2008								
JULY -2008								
AUGUST -2008								
SEPTEMBER-2008								
OCTOBER -2008								
NOVEMBER -2008								
DECEMBER -2008								

Digester 2

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)	H2S ppm
OUT OF SERVICE								
JANUARY -2008								
FEBRUARY -2008								
MARCH -2008								
APRIL -2008								
MAY -2008								
JUNE -2008								
JULY -2008								
AUGUST -2008								
SEPTEMBER-2008								
OCTOBER -2008								
NOVEMBER -2008								
DECEMBER -2008								

Digester 3

	pH	Total Solids (%)	Volatile Solids (%)	Alkalinity (mg/L)	Volatile Acids (mg/L)	Methane (%)	Carbon Dioxide (%)	H2S ppm
JANUARY -2008	7.18	2.1	67.8	2500	102	60.7	39.3	23
FEBRUARY -2008	7.17	2.2	66.4	2540	110	60.4	39.6	21
MARCH -2008	7.12	2.1	67.4	2630	116	60.5	39.5	23
APRIL -2008	7.14	2.1	68.6	2450	91	60.6	39.4	22
MAY -2008	7.18	2.2	68.3	2480	98	60.4	39.6	24
JUNE -2008	7.15	2.2	67.9	2400	85	60.6	39.4	23
JULY -2008	7.16	2.2	66.9	2210	81	61.0	39.0	25
AUGUST -2008	7.10	2.1	66.3	2060	84	60.9	39.1	24
SEPTEMBER-2008	7.08	2.1	68.2	2090	86	61.0	39.1	25
OCTOBER -2008	7.08	2.1	67.4	2180	83	61.2	38.8	21
NOVEMBER -2008	7.08	2.1	67.5	2160	82	62.2	37.8	18
DECEMBER -2008	7.13	2.0	65.4	2430	93	60.8	39.2	29
	7.13	2.1	67.3	2344	93	60.9	39.2	23

D. Gas Production

Metro Biosolids Center Annual Summary

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

Daily Monthly Averages

Month	GAS PRODUCTION (x1000 Cu. Ft.)			GAS CONSUMPTION (x1000 Cu. Ft.)		
	DIG 1	DIG 2	Total Gas Production	GAS FLARES	GAS COGENERATION	Total Gas Consumption
01			362,059.3	2,007	391,098	393,105
02			343,250.7	1,048	386,315	387,363
03			316,914.4	1,002	396,850	397,852
04			315,856.1	3,927	399,055	402,981
05			324,981.1	1,289	414,474	415,763
06			317,517.4	1,584	408,344	409,928
07			295,798.4	2,442	385,725	388,167
08			254,322.0	1,062	347,128	348,189
09			277,454.0	9,839	368,665	378,503
10			245,416.9	1,261	349,133	350,394
11			247,416.0	985	341,473	342,458
12			268,667.6	456	378,130	378,585
avg			297,471.1	2,242	380,532	382,774

Monthly Totals - 2008

Month	GAS PRODUCTION (x1000 Cu. Ft.)			GAS CONSUMPTION (x1000 Cu. Ft.)		
	DIG 1	DIG 2	Total Gas Production	Gas Flares	Gas Cogeneration	Total Gas Consumption
01			11,223,837.0	62,219	12,124,026	12,186,245
02			9,954,269.0	30,398	11,203,124	11,233,522
03			9,824,346.0	31,071	12,302,343	12,333,414
04			9,475,682.0	117,797	11,971,637	12,089,434
05			10,074,413.0	39,950	12,848,691	12,888,641
06			9,525,523.0	47,524	12,250,322	12,297,846
07			9,169,751.0	75,689	11,957,473	12,033,162
08			7,883,981.0	32,907	10,760,955	10,793,862
09			8,323,619.0	295,160	11,059,943	11,355,103
10			7,607,923.0	39,096	10,823,114	10,862,210
11			7,422,480.0	29,543	10,244,202	10,273,745
12			8,328,695.0	14,121	11,722,024	11,736,145
avg			9,067,876.6	67,956	11,605,655	11,673,611
sum			108,814,519.0	815,475	139,267,854	140,083,329

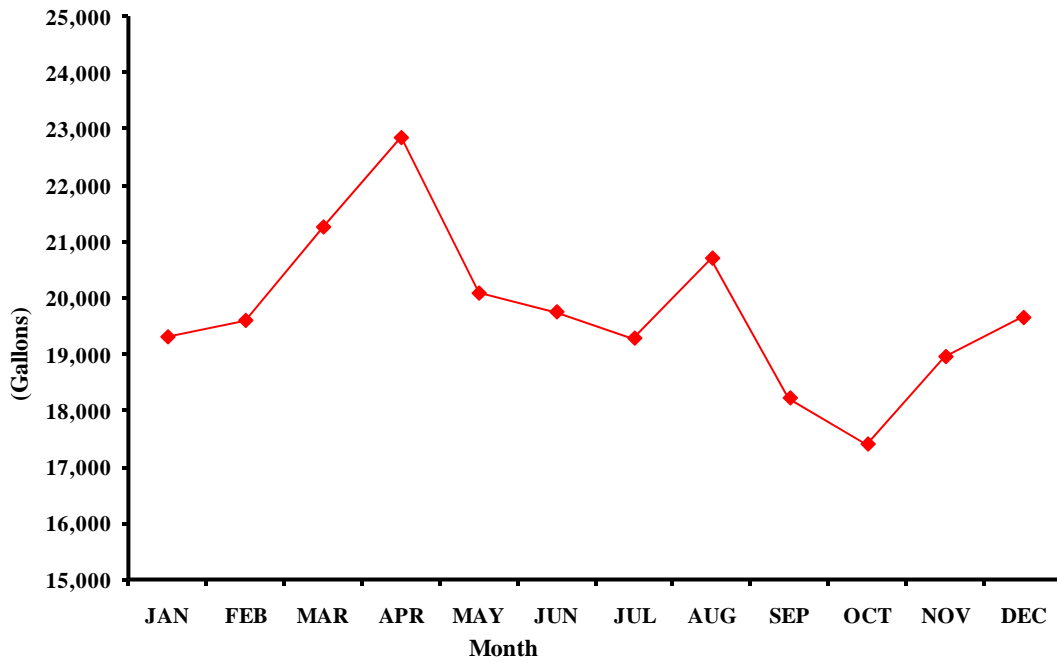
E. Chemical Usage

Metro Biosolids Center - Monthly Chemical Usage Report
From 01-JAN-2008 to 31-DEC-2008

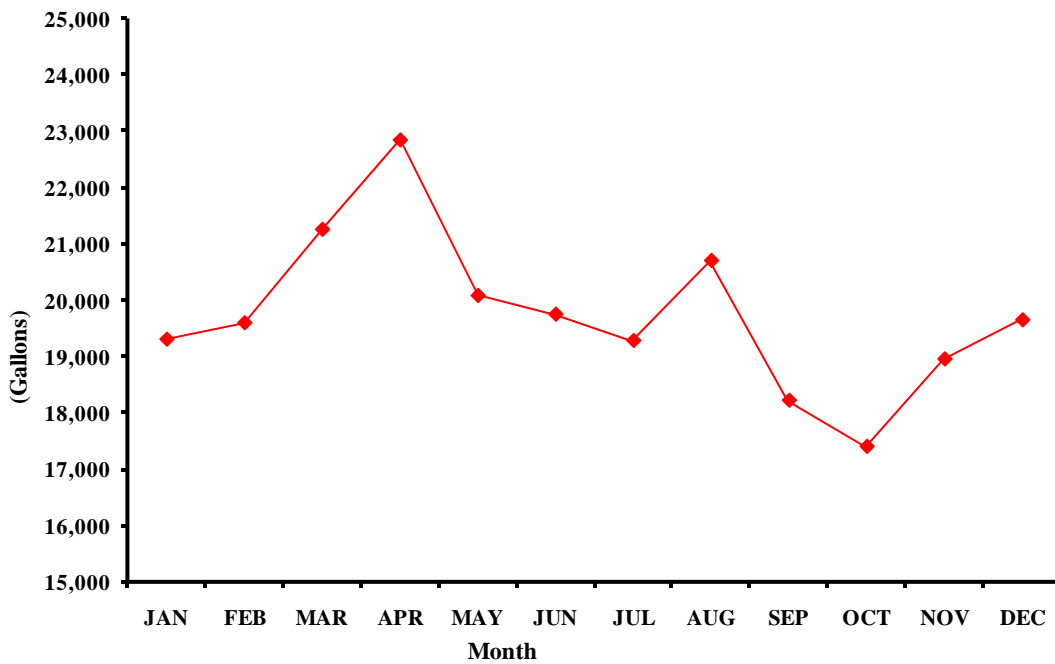
MON	Polymer Gallons	Ferric Chloride Gallons	Ferrous Chloride Gallons	Sodium Hydroxide Gallons	Hypochlorite Gallons	Sulfuric Acid Gallons
01	154,825	19,310	11,448	2,390	3,334	0
02	144,233	19,603	9,875	1,718	3,162	0
03	145,488	21,269	10,761	1,868	3,639	0
04	140,145	22,863	11,978	2,129	3,821	0
05	136,530	20,089	10,164	2,027	4,053	0
06	133,127	19,756	10,735	2,131	6,215	0
07	141,593	19,287	11,997	2,890	3,449	0
08	150,827	20,714	10,111	2,965	4,794	0
09	151,789	18,221	9,957	3,681	10,597	0
10	153,234	17,398	12,826	2,621	6,136	0
11	137,431	18,958	7,526	3,406	5,603	0
12	141,597	19,655	12,140	3,668	5,438	0
avg	144,235	19,760	10,793	2,625	5,020	0
sum	1,730,818	237,122	129,517	31,495	60,240	0

F. Graphs of Monthly Chemical Usage

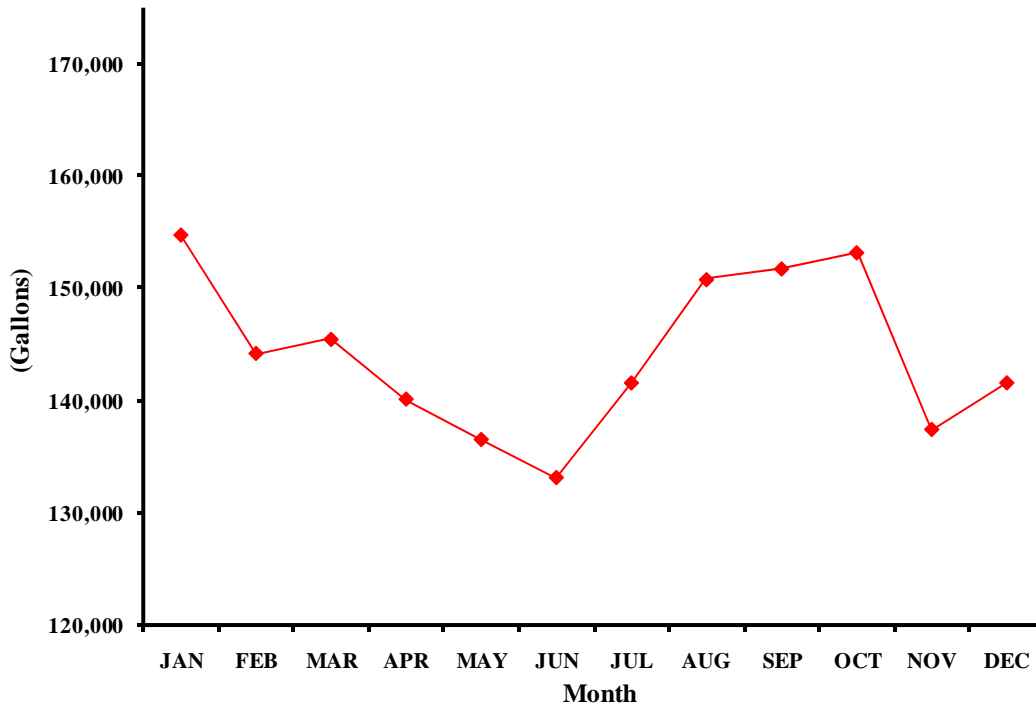
2008 Ferric Chloride Usage at MBC



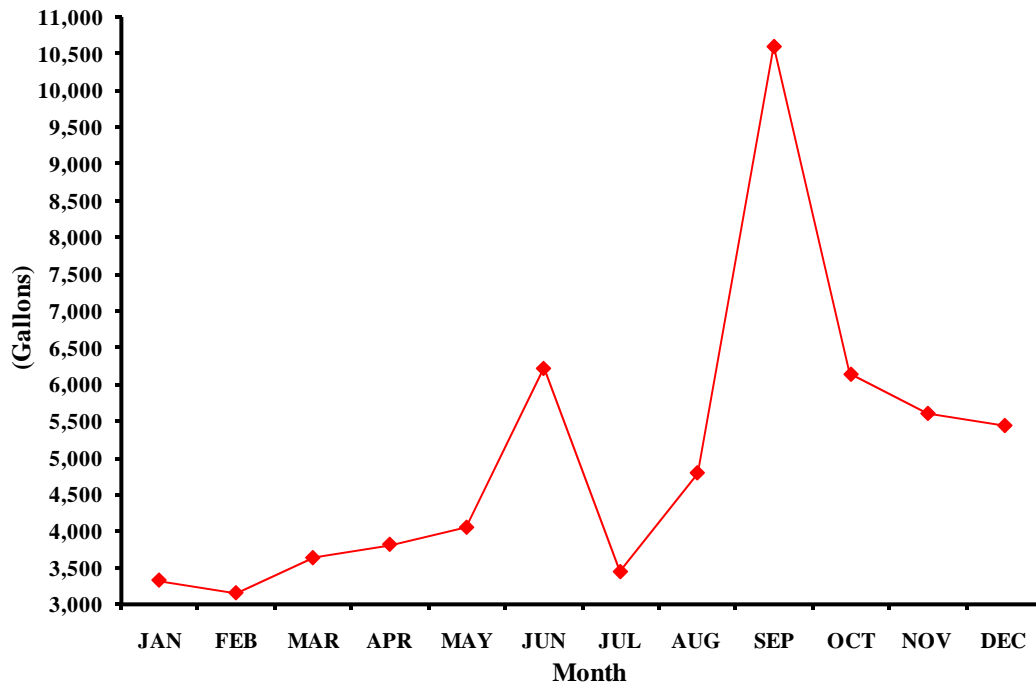
2008 Ferric Chloride Usage at MBC



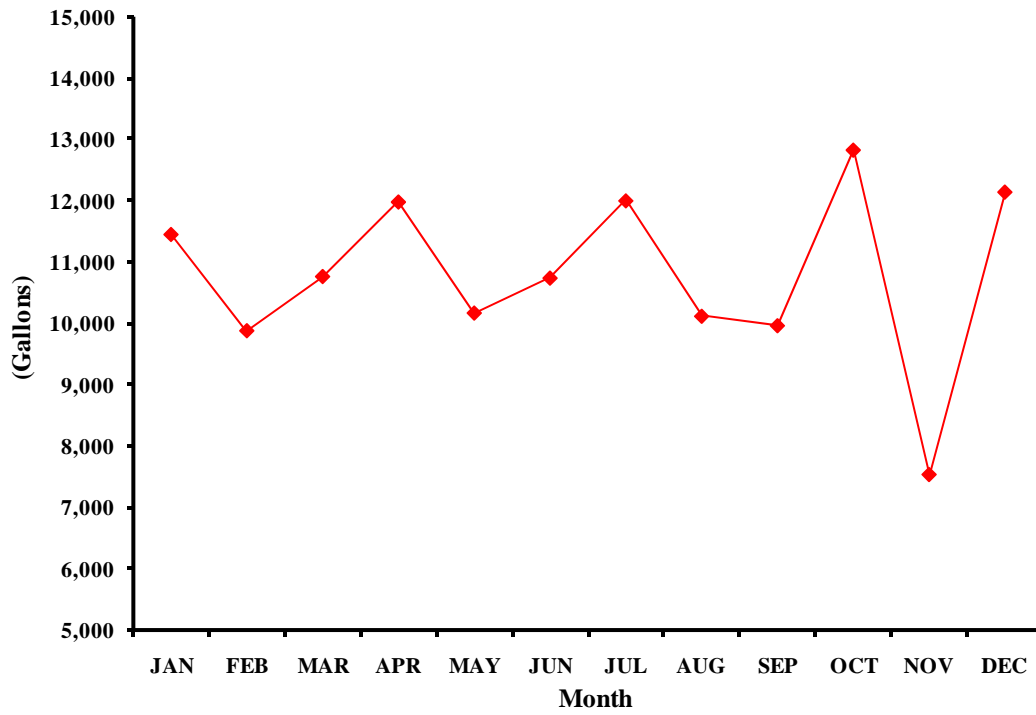
2008 Polymer Usage at MBC



2008 Sodium Hypochlorite Usage at MBC



2008 Ferrous Chloride Usage at MBC



G. Solids Handling Annual Report

This section contains an excerpt from the [2008 Annual Biosolids Beneficial Use & Disposal Report](#) and is included here for reference and continuity.

Facilities:

<u>Sources of biosolids:</u>	<u>Biosolids treatment and processing:</u>
Point Loma Wastewater Treatment Plant (PLWWTP) 1902 Gatchell Rd., San Diego, CA	Metro Biosolids Center (MBC) 5240 Convoy Street, San Diego, CA 92111
North City Water Reclamation Plant (NCWRP) 4949 Eastgate Mall, San Diego, CA 92121	Point Loma Wastewater Treatment Plant (PLWWTP) 1902 Gatchell Rd., San Diego, CA

The Point Loma Wastewater Treatment Plant (PLWWTP) and the North City Water Reclamation Plant produced and disposed of 121,403 wet tons/34,994 dry tons (31,747 dry metric tons) of digested sludge (biosolids) in 2008.

All digested sludge produced at the Pt. Loma WWTP was pumped to the Metro Biosolids Center (MBC) for dewatering by centrifuges. The biosolids were then hauled to a disposal site (Local Landfill) or beneficial use site. During this reporting period all of the raw sludge produced at the North City Water Reclamation Plant (NCWRP) was diverted to the Metro Biosolids Center for thickening, dewatering, digestion and blended with the digested solids from the PLWWTP prior to dewatering. The [MBC Monthly Biosolids Processing Reports](#) include the biosolids processed from the PLWWTP and the NCWRP. Copies of the [MBC Monthly Biosolids Processing Reports](#) and the [MBC Biosolids Beneficial Use and Disposal Monthly Summary Reports](#) detailing daily biosolids processing and beneficial use/disposal are included as Enclosures 1 and 5, respectively.

All of the sludge/biosolids produced by the City of San Diego, Pt. Loma Wastewater Treatment Plant and North City Water Reclamation Plant were dewatered at the Metro Biosolids Center (MBC) and disposition is summarized in the following table.

Disposition	Wet tons (short)	Dry tons ¹²	Dry metric tons
Disposal in sanitary landfill	0	0	0
Beneficial reuse as Alternative Daily Cover (ADC) at landfill	102,576	29,570	26,826
Land application in Arizona	18,826	5,425	4,921

¹² (based on sum of monthly total tons)

All Biosolids produced by the City of San Diego were treated to Class B standards through Anaerobic Digestion for a minimum of 15 days at a temperature of 35 to 55 degrees Centigrade(Alternative 3, Process 3). Vector Attraction requirements were achieved by reducing the volatile solids content a minimum of 38 percent(Option 1).

Land Applier: Solid Solutions
Address: 12340 Seal Beach Blvd., Suite B-383, Seal Beach, CA 90740
Period: January 1, 2008 - December 31, 2008
Reuse method: Direct land application. Digested dewatered sludge from the MBC centrifuges were land applied directly to fields in Yuma County, AZ. The sludge was certified by the City of San Diego as meeting Class B pathogen and vector attraction reduction requirements of 40 CFR 503. Copies of the City of San Diego's certifications (which also serve as notification of nitrogen content) are included as Enclosure 2. Copies of Solid Solutions' certification statements are included as Enclosures 11 & 12.

The MBC provides two essential treatment processes, thickening and digestion of the raw solids from the NCWRP and dewatering of biosolids generated at the NCWRP and the PLWWTP. The digested biosolids from the PLWWTP are pumped to MBC in a 17 mile pipeline into one of the two storage tanks on site where it is blended with the digested biosolids from the NCWRP. Before these biosolids are sent to the dewatering process polymer and ferric chloride are added to condition the biosolids, which enhances the dewaterability of the biosolids and minimizes the potential of scale formation.

Eight dewatering centrifuges are used to separate the liquid and solids fractions of the conditioned biosolids. The liquid fraction, (centrate) is returned to the PLWWTP via the Rose Canyon Interceptor and the solids recovered, (cake), is pumped to one of the eight storage silos on site before it is loaded into trucks for disposal and beneficial use as Alternative Daily Cover at Otay Landfill, 1700 Maxwell Road, Chula Vista, San Diego County, CA 91911 or beneficially used for land application in Yuma County, Arizona, Tables 1B and Table 1C.

The digested biosolids, centrate and dewatered cake are sampled on a daily basis to ensure regulatory compliance and to track plant process performance. Grab samples are collected daily on the incoming biosolids from the PLWWTP and the blended biosolids, which includes the digested biosolids from the NCWRP. The operations staff also collect a twenty-four hour composite sample from the centrate return stream from the dewatering process and from the blended centrate return stream that includes the centrate flow from the thickening and dewatering processes.

Daily grab samples of dewatered cake are collected from each individual dewatering centrifuge that are in operation during the 24 hour period , and a portion of each of these grab samples are combined to provide a daily composite of dewatered cake produced. All sampling at MBC is performed by Wastewater Plant Operators who are

certified by the State of California and in conformance with established sampling techniques listed in Standard Methods.

Because the dewatered cake samples are a daily composite and the Land Applier's (Solids Solutions) samples are a monthly grab sample, the dry ton calculations may differ slightly.

In addition to the monthly analyses of 503 and California Title 22 analyses by our California certified laboratory, and in accordance with the Arizona Department of Environmental Quality (ADEQ), grab samples were delivered to an Arizona certified laboratory. Legend Technical Services of Arizona, Inc, 17631 North 25th Avenue, Phoenix, AZ 85023, ADHS#AZ0004 provided EPA Part 503 Table 3 Metals and Nitrogen analysis. See Enclosure 15.

Biosolids used for all uses in 2008 continued to meet all regulatory requirements. Concentration of pollutants were all well below the limits listed in California Title 22 Hazardous Waste thresholds including TTLC (Total Threshold Limit Concentration), STLC (Soluble Threshold Limit Concentration), and 40 CFR part 503.13 Table 3 "Limits for Land Application", the lower lead limit established by the California State Health and Safety Code 25157.8. It also met the A.C.C. (Arizona Administrative Code) R18-9-1005 Table 2. Monthly Average Pollutant Concentration limits.

Additional analyses, including the rest of the "priority pollutant list"¹³, were performed during 2008 and the reports of these analyses are included in Enclosure 7.

No biosolids were shipped to or disposed of at a surface disposal site.

No biosolids were disposed of or reused by any other method than those listed above.

13 Includes volatile organic compounds, phenols, base/neutral organic compounds, organophosphorus pesticides, chlorinated pesticides and PCBs.

Table 1B. Biosolids Production for MBC

Table 1B. Annual Biosolids Beneficial Use & Landfill Disposal Summary

2008 Month:	Otay Landfill		Otay Landfill		Norris Farm Aztec, Yuma County, AZ Beneficial Use ² (wet Tons)	Desert Ridge Farms Yuma, AZ Beneficial Use ² (wet Tons)	Total (wet Tons)	%TS	Total Dry Tons	Total Biosolids (dry metric tons)
	Biosolids (wet Tons)	Beneficial Use ¹ (wet Tons)	Total (wet Tons)	Total (wet Tons)						
January		9,359.21	9,359.21			1,765.82	11,125.03	29.5	3,281.88	2,977.33
February		7,936.22	7,936.22			1,363.17	9,299.39	30.5	2,836.31	2,573.10
March		7,956.10	7,956.10			1,610.43	9,566.53	29.1	2,783.86	2,525.52
April		8,251.87	8,251.87			1,663.64	9,915.51	29.3	2,905.24	2,635.64
May		8,321.86	8,321.86			1,092.95	9,414.81	29.1	2,739.71	2,485.46
June		8,991.60	8,991.60			1,092.23	10,083.83	28.6	2,883.98	2,616.34
July		9,177.98	9,177.98			1,717.92	10,895.90	27.7	3,018.16	2,738.08
August		8,920.16	8,920.16			1,715.12	10,635.28	27.6	2,935.34	2,662.94
September		8,975.67	8,975.67			1,718.68	10,694.35	28.3	3,026.50	2,745.64
October		8,651.01	8,651.01		1,576.77	224.57	10,452.35	28.5	2,978.92	2,702.48
November		7,037.28	7,037.28		1,347.43	370.20	8,754.91	28.9	2,530.17	2,295.37
December		8,997.35	8,997.35		796.81	770.56	10,564.72	29.1	3,074.33	2,789.04
Total:		102,576.31	102,576.31		3,721.01	15,105.29	121,402.61		34,994.41	31,746.93
Monthly Average:		8,548.03	8,548.03		1,240.34	1,258.77	10,116.88	28.9	2,916.20	2,645.58

¹ beneficial use as Alternative Daily Cover.

² beneficial use in Land Application.

Table 1C. 2008 Biosolids Land Application

Month	%TS	Desert Ridge , Yuma City, AZ		Norris, Yuma City, AZ		Total Monthly		Total Monthly dry tons	Total Metric
		wet tons	dry tons	wet tons	dry tons	wet tons	dry tons		
January	29.5	1,765.82	520.92	0.00	0.00	1,765.82	520.92	472.58	
February	30.5	1,363.17	415.77	0.00	0.00	1,363.17	415.77	377.18	
March	29.1	1,610.43	468.64	0.00	0.00	1,610.43	468.64	425.15	
April	29.3	1,663.64	487.45	0.00	0.00	1,663.64	487.45	442.21	
May	29.1	1,092.95	318.05	0.00	0.00	1,092.95	318.05	288.53	
June	28.6	1,092.23	312.38	0.00	0.00	1,092.23	312.38	283.39	
July	27.7	1,717.92	475.86	0.00	0.00	1,717.92	475.86	431.70	
August	27.6	1,715.12	473.37	0.00	0.00	1,715.12	473.37	429.44	
September	28.3	1,718.68	486.39	0.00	0.00	1,718.68	486.39	441.25	
October	28.5	224.57	64.00	1,576.77	449.38	1,801.34	513.38	465.74	
November	28.9	370.20	106.99	1,347.43	389.41	1,717.63	496.40	450.33	
December	29.1	770.56	224.23	796.81	231.87	1,567.37	456.10	413.78	
2008 Totals	Avg =28.9	15,105.29	4,354.04	3,721.01	1,070.66	18,826.30	5,424.70	4,921.28	

Table 1D. Other Solids disposal (weights are gross wet weight)

2008 Month:	Copper Mountain Landfill Scum (Tons)	Otay Landfill Scum (Tons)	South Yuma Landfill Scum (Tons)	Miramar Landfill Grit (Tons)	Miramar Landfill Rags & Screenings (Tons)
January	34.96			218.79	651.17
February	29.65		5.30	179.02	599.75
March	33.20			162.42	540.15
April	30.01			208.69	607.48
May	43.74			183.61	595.02
June	16.42			191.40	522.21
July	29.21			187.18	487.25
August	13.20			160.07	497.50
September	27.96			183.12	486.33
October	14.26			185.16	487.52
November	17.60			193.39	494.66
December	32.75			206.86	543.31
Total:	322.96		5.30	2,259.71	6,512.35
Average:	26.91		5.30	188.31	542.70

Point Loma Wastewater Treatment Plant/Metro Biosolids Center
Sludge Project - Annual Summary
Solids Report

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

Month	Pt. Loma Raw sludge Gallons	Dry Tons	Pt.Loma Digested Sludge Gallons	Dry Tons	MBC Combined Centrate Gallons	Dry Tons	MBC 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	30,970,246	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

Solids Report - Daily Averages by Month
From 01-JAN-2008 To 31-DEC-2008

Month	Pt. Loma Raw sludge Gallons	%TS	Dry Tons	Pt.Loma Digested Sludge Gallons	%TS	Dry Tons	MBC Combined Centrate Gallons	%TS	Dry Tons	MBC 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.
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.

Enclosure 7

Results of other analyses of dewatered biosolids for 2008.

Tables showing the analyses for metals (including priority pollutants), pH, total and volatile solids, pesticides & PCBs, and organic priority pollutant compounds of sewage biosolids samples taken in 2007.

POINT LOMA WASTEWATER TREATMENT PLANT
METRO BIOSOLIDS CENTER
ANNUAL DEWATERED SLUDGE COMPOSITES
Trace Metals

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

SAMPLED BY: MBC Personnel

Source:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Date:		31-JAN-2008	29-FEB-2008	31-MAR-2008	30-APR-2008	31-MAY-2008	30-JUN-2008
Sample ID:	MDL Units	P416211	P419045	P421504	P425830	P428696	P432370
=====	=====	=====	=====	=====	=====	=====	=====
pH	.08 PH	7.87	7.76	7.92	7.71	7.62	7.59
Total Solids	WT%	28.2	29.7	28.8	28.5	28.2	28.4
Total Volatile Solids	WT%	56.5	56.6	57.9	57.8	56.2	58.6
Total Kjeldahl Nitrogen	.04 WT%	NA	4.41	NA	NA	4.57	NA
Total Nitrogen	1.1 WT%	4.69	4.90	4.64	4.65	4.80	5.01
Sulfides-Total	2170 MG/KG	13500	9260	10200	10800	16900	16000
Sulfides-Reactive	11 MG/KG	ND	22	18	ND	ND	32
Cyanides, Total	.1 MG/KG	NA	1.96	NA	NA	1.87	NA
Aluminum	4 MG/KG	6980	6870	8090	7040	7150	6890
Antimony	.5 MG/KG	5.2	4.4	4.0	3.5	4.0	4.3
Arsenic	.68 MG/KG	4.69	4.02	3.87	3.42	3.23	3.37
Barium	.05 MG/KG	256	479	572	335	432	373
Beryllium	.02 MG/KG	0.40	0.34	0.38	0.05	0.28	0.23
Cadmium	.1 MG/KG	2.2	2.6	1.6	1.4	1.6	1.7
Chromium	.3 MG/KG	84	110	85	59	64	58
Cobalt	.2 MG/KG	2.5	2.4	2.6	3.0	2.3	4.0
Copper	.4 MG/KG	621	604	697	638	664	746
Iron	20 MG/KG	103000	95600	94400	90800	90300	92100
Lead	2 MG/KG	19	15	17	14	16	18
Manganese	.2 MG/KG	270	269	284	266	288	300
Mercury	.4 MG/KG	1.37	1.21	1.64	1.48	1.31	1.87
Molybdenum	.1 MG/KG	17	15	18	15	17	19
Nickel	.3 MG/KG	72	87	74	49	58	71
Selenium	.47 MG/KG	5.03	5.09	4.95	6.02	5.39	5.24
Silver	.07 MG/KG	9	10	12	10	11	11
Thallium	1 MG/KG	ND	ND	ND	ND	ND	ND
Vanadium	.2 MG/KG	21	23	26	20	29	29
Zinc	8 MG/KG	1040	880	1090	883	897	965

Source:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Date:		31-JUL-2008	31-AUG-2008	30-SEP-2008	31-OCT-2008	30-NOV-2008	31-DEC-2008
Sample ID:	MDL Units	P434523	P439699	P443814	P446405	P452340	P454841
=====	=====	=====	=====	=====	=====	=====	=====
pH	.08 PH	7.87	7.46	7.45	7.58	7.66	7.67
Total Solids	WT%	27.0	27.2	28.1	28.3	28.7	28.5
Total Volatile Solids	WT%	58.5	59.0	56.9	58.6	59.5	57.9
Total Kjeldahl Nitrogen	.04 WT%	NA	4.47	NA	4.49	NA	NA
Total Nitrogen	1.1 WT%	5.00	5.08	4.99	5.06	4.87	5.18
Sulfides-Total	2170 MG/KG	11600	22400	8670	12300	9250	11700
Sulfides-Reactive	11 MG/KG	19	21	ND	ND	ND	ND
Cyanides, Total	.1 MG/KG	NA	2.42	NA	4.40	NA	NA
Aluminum	4 MG/KG	6230	6680	6320	6520	6640	6410
Antimony	.5 MG/KG	4.2	2.9	4.0	3.0	3.1	2.4
Arsenic	.68 MG/KG	2.56	3.28	1.26	3.06	1.86	2.06
Barium	.05 MG/KG	475	459	473	474	462	373
Beryllium	.02 MG/KG	0.46	0.15	0.37	0.29	0.27	0.22
Cadmium	.1 MG/KG	1.5	1.7	1.6	1.6	1.3	1.6
Chromium	.3 MG/KG	80	72	105	69	95	67
Cobalt	.2 MG/KG	3.9	3.1	4.9	3.2	2.7	4.1
Copper	.4 MG/KG	736	770	787	780	778	694
Iron	20 MG/KG	91700	99000	96300	89000	88900	87600
Lead	2 MG/KG	17	20	20	19	19	18
Manganese	.2 MG/KG	289	319	339	308	317	293
Mercury	.4 MG/KG	1.69	1.39	1.49	1.67	1.35	1.69
Molybdenum	.1 MG/KG	22	23	28	23	24	21
Nickel	.3 MG/KG	87	63	100	67	64	57
Selenium	.47 MG/KG	5.78	5.61	4.36	5.08	6.69	5.48
Silver	.07 MG/KG	10	11	9	9	9	8
Thallium	1 MG/KG	ND	ND	ND	ND	ND	ND
Vanadium	.2 MG/KG	21	23	21	20	20	19
Zinc	8 MG/KG	972	885	972	978	966	933

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

MBCDEWCN= Metro Biosolids Center Dewatered Centrifuged Sludge.

POINT LOMA WASTEWATER TREATMENT PLANT
 Quarterly Sludge Project
 Total Nitrogen Analysis

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

Date:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Sample:	MDL Units	31-JAN-2008	29-FEB-2008	31-MAR-2008	30-APR-2008	31-MAY-2008	30-JUN-2008	31-JUL-2008
		P416211	P419045	P421504	P425830	P428696	P432370	P434523
Total Nitrogen	1.1 WT%	4.7	4.9	4.6	4.7	4.8	5.0	5.0

Date:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Sample:	MDL Units	31-AUG-2008	30-SEP-2008	31-OCT-2008	30-NOV-2008	31-DEC-2008
		P439699	P443814	P446405	P452340	P454841
Total Nitrogen	1.1 WT%	5.1	5.0	5.1	4.9	5.2

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT - ANNUAL SUMMARY
 Radioactivity

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

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
PLE	12-FEB-2008	P414442	1.7±1.0	22.8±5.2
PLE	13-MAY-2008	P424731	1.3±1.0	23.4±5.3
PLE	12-AUG-2008	P434957	6.1±3.2	31.3±8.9
PLE	07-OCT-2008	P443359	2.7±2.6	22.2±5.8
PLE	ANNUAL	AVERAGE	3.0±2.0	24.9±6.3

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
PLR	12-FEB-2008	P414447	2.1±1.2	30.4±6.1
PLR	13-MAY-2008	P424736	4.0±1.7	27.5±5.9
PLR	12-AUG-2008	P434962	7.2±3.7	32.7±7.3
PLR	07-OCT-2008	P443364	5.0±3.2	34.9±7.9
PLR	ANNUAL	AVERAGE	4.6±2.4	31.4±6.8

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
MBC_COMBCN	12-FEB-2008	P414457	1.9±1.2	52.0±9.6
MBC_COMBCN	13-MAY-2008	P424746	2.4±1.4	42.3±8.0
MBC_COMBCN	12-AUG-2008	P434972	5.2±3.1	52.8±9.4
MBC_COMBCN	07-OCT-2008	P443374	8.5±4.4	52.4±9.0
MBC_COMBCN	ANNUAL	AVERAGE	4.5±2.5	49.9±9.0

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
MBCDEWCN	29-FEB-2008	P419045	5420.0±4700	8500.0±2850
MBCDEWCN	31-MAY-2008	P428696	3830.0±4595	10600.0±3790
MBCDEWCN	31-AUG-2008	P439699	3650.0±2840	10200.0±3220
MBCDEWCN	31-OCT-2008	P446405	3690.0±3045	10800.0±2610
AVERAGE			4147.5±3795	10025.0±3118

Units in picocuries per Liter (pCi/L)

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

MBC_COMBCN = Combined Sludge Centrate

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Chlorinated Pesticide Analysis
From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JAN-2008 P416211	29-FEB-2008 P419045	31-MAR-2008 P421504	30-APR-2008 P425830	31-MAY-2008 P428696
Aldrin	71000	NG/KG	ND	ND	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	28000	NG/KG	ND	ND	ND	ND	ND
p,p-DDT	35000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	28000	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	52000	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	14000	ND	ND	ND	ND
Gamma (trans) Chlordane	48000	NG/KG	ND	ND	ND	ND	120000
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND	ND	36000	ND
Cis Nonachlor	52000	NG/KG	ND	ND	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0	0	0
DDT and derivatives	71000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	48000	NG/KG	14000	0	0	0	120000
Polychlorinated biphenyls	580000	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	14000	0	0	36000	120000

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Chlorinated Pesticide Analysis
From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			30-JUN-2008 P432370	31-JUL-2008 P434523	31-AUG-2008 P439699	30-SEP-2008 P443814	31-OCT-2008 P446405
Aldrin	71000	NG/KG	ND	ND	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	28000	NG/KG	ND	ND	ND	ND	ND
p,p-DDT	35000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	28000	NG/KG	ND	ND	89500	ND	ND
o,p-DDE	52000	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	ND	ND	105000	120000	155000
Gamma (trans) Chlordane	48000	NG/KG	135000	79500	115000	125000	105000
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND	ND	ND	ND
Cis Nonachlor	52000	NG/KG	ND	ND	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0	0	0
DDT and derivatives	71000	NG/KG	0	0	89500	0	0
Chlordane + related cmpds.	48000	NG/KG	135000	79500	220000	245000	260000
Polychlorinated biphenyls	580000	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	135000	79500	309500	245000	260000

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

POINT LOMA WASTEWATER TREATMENT PLANT
 ANNUAL SLUDGE - Chlorinated Pesticide Analysis
 From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	Annual Average
			30-NOV-2008 P452340	31-DEC-2008 P454841	
Aldrin	71000	NG/KG	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	ND
p,p-DDE	28000	NG/KG	ND	ND	ND
p,p-DDT	35000	NG/KG	ND	ND	ND
o,p-DDD	28000	NG/KG	64500	123000	23083
o,p-DDE	52000	NG/KG	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	ND	ND	32833
Gamma (trans) Chlordane	48000	NG/KG	62500	89000	69250
Alpha Chlordene		NG/KG	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND	3000
Cis Nonachlor	52000	NG/KG	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND
=====					
Aldrin + Dieldrin	71000	NG/KG	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0
DDT and derivatives	71000	NG/KG	64500	123000	23083
Chlordane + related cmpds.	48000	NG/KG	62500	89000	102083
Polychlorinated biphenyls	580000	NG/KG	0	0	0
=====					
Chlorinated Hydrocarbons	580000	NG/KG	127000	212000	128167

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

POINT LOMA WASTEWATER TREATMENT PLANT

ANNUAL SLUDGE PROJECT

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

Tributyl Tin (Sludge)

			MBCDEWCN	MBCDEWCN
			31-MAY-2008	31-OCT-2008
			P428696	P446405
=====	====	=====	=====	=====
Monobutyl Tin	4000	UG/KG	ND	ND
Tributyl tin	2600	UG/KG	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
 Quarterly Sludge Project
 Herbicide Analysis

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

Date:			MBCDEWCN	MBCDEWCN	MBCDEWCN
Sample:	MDL	Units	29-FEB-2008	31-MAY-2008	31-OCT-2008
			P419045	P428696	P446405
=====	=====	=====	=====	=====	=====
2,4-dichlorophenoxyacetic acid	2.66	MG/KG	ND	ND	ND
2,4,5-TP (Silvex)	2.87	MG/KG	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
Organophosphorus Pesticides EPA Method 614/622 (with additions)

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

Analyte	MDL Units	PLE	PLE	PLR	PLR	MBC_COMBCN
		13-MAY-2008 P424731	07-OCT-2008 P443359	13-MAY-2008 P424736	07-OCT-2008 P443364	13-MAY-2008 P424746
Demeton O	.15 UG/L	ND	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.0	0.0	0.0
Dichlorvos	.05 UG/L	ND	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND	ND
Dimethoate	.04 UG/L	ND	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
Organophosphorus Pesticides EPA Method 614/622 (with additions)

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

Analyte	MDL Units	MBC_COMBCN	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_RSL	MBC_NC_RSL
		07-OCT-2008 P443374	13-MAY-2008 P424800	07-OCT-2008 P443428	13-MAY-2008 P424798	07-OCT-2008 P443426
Demeton O	.15 UG/L	ND	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.0	0.0	0.0
Dichlorvos	.05 UG/L	ND	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND	ND
Dimethoate	.04 UG/L	ND	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
Organophosphorus Pesticides EPA Method 614/622 (with additions)

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

Analyte	MDL Units	RAW COMP	RAW COMP	DIG COMP	DIG COMP
		13-MAY-2008 P424771	07-OCT-2008 P443399	13-MAY-2008 P424785	07-OCT-2008 P443413
Demeton O	.15 UG/L	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.0	0.0
Dichlorvos	.05 UG/L	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND
Dimethoate	.04 UG/L	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
Organophosphorus Pesticides EPA Method 614/622 (with additions)

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

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN
			31-MAY-2008 P428696	31-OCT-2008 P446405
Demeton O	67	UG/KG	ND	ND
Demeton S	27	UG/KG	ND	ND
Diazinon		UG/KG	ND	ND
Guthion	33	UG/KG	ND	ND
Malathion	20	UG/KG	ND	ND
Parathion	20	UG/KG	ND	ND
Dichlorvos	17	UG/KG	ND	ND
Dibrom		UG/KG	ND	ND
Ethoprop	27	UG/KG	ND	ND
Phorate	17	UG/KG	ND	ND
Sulfotepp	17	UG/KG	ND	ND
Disulfoton	20	UG/KG	ND	ND
Dimethoate	27	UG/KG	ND	ND
Ronnel	20	UG/KG	ND	ND
Trichloronate	20	UG/KG	ND	ND
Merphos	17	UG/KG	ND	ND
Dichlofenthion	20	UG/KG	ND	ND
Tokuthion	17	UG/KG	ND	ND
Stirophos	20	UG/KG	ND	ND
Bolstar	50	UG/KG	ND	ND
Fensulfothion	100	UG/KG	ND	ND
EPN	33	UG/KG	ND	ND
Coumaphos	33	UG/KG	ND	ND
Mevinphos, e isomer	17	UG/KG	ND	ND
Mevinphos, z isomer	100	UG/KG	ND	ND
Chlorpyrifos		UG/KG	ND	ND
Thiophosphorus Pesticides	33	UG/KG	0.0	0.0
Demeton -O, -S	67	UG/KG	0.0	0.0
Total Organophosphorus Pesticides	100	UG/KG	0.0	0.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Base/Neutrals
From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			29-FEB-2008	31-MAY-2008	31-AUG-2008	31-OCT-2008
			P419045	P428696	P439699	P446405
=====						
bis(2-chloroethyl) ether	330	UG/KG	ND	ND	ND	ND
1,3-dichlorobenzene	330	UG/KG	ND	ND	ND	ND
1,4-dichlorobenzene	330	UG/KG	<330	ND	ND	ND
1,2-dichlorobenzene	330	UG/KG	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	330	UG/KG	ND	ND	ND	ND
N-nitrosodi-n-propylamine	330	UG/KG	ND	ND	ND	ND
Nitrobenzene	330	UG/KG	ND	ND	ND	ND
Hexachloroethane	330	UG/KG	ND	ND	ND	ND
Isophorone	330	UG/KG	ND	ND	ND	ND
bis(2-chloroethoxy)methane	330	UG/KG	ND	ND	ND	ND
1,2,4-trichlorobenzene	330	UG/KG	ND	ND	ND	ND
Naphthalene	330	UG/KG	454	ND	607	ND
Hexachlorobutadiene	330	UG/KG	ND	ND	ND	ND
Hexachlorocyclopentadiene	330	UG/KG	ND	ND	ND	ND
2-chloronaphthalene		UG/KG	ND	ND	ND	ND
Acenaphthylene	330	UG/KG	ND	ND	ND	ND
Dimethyl phthalate	330	UG/KG	ND	<330	ND	<330
2,6-dinitrotoluene	330	UG/KG	ND	ND	ND	ND
Acenaphthene	330	UG/KG	ND	ND	ND	ND
2,4-dinitrotoluene	330	UG/KG	ND	ND	ND	ND
Fluorene	330	UG/KG	ND	ND	ND	ND
4-chlorophenyl phenyl ether	330	UG/KG	ND	ND	ND	ND
Diethyl phthalate	330	UG/KG	ND	ND	ND	462
N-nitrosodiphenylamine	330	UG/KG	1250	ND	ND	ND
4-bromophenyl phenyl ether	330	UG/KG	ND	ND	ND	ND
Hexachlorobenzene	330	UG/KG	ND	ND	ND	ND
Phenanthrene	330	UG/KG	376	684	1130	<330
Anthracene	330	UG/KG	ND	ND	ND	ND
Di-n-butyl phthalate	330	UG/KG	761	330	385	ND
N-nitrosodimethylamine	330	UG/KG	ND	ND	ND	ND
Fluoranthene	330	UG/KG	ND	ND	ND	ND
Pyrene	330	UG/KG	ND	ND	ND	535
Butyl benzyl phthalate	330	UG/KG	2420	ND	2730	1700
Chrysene	330	UG/KG	ND	ND	ND	ND
Benzo[A]anthracene	330	UG/KG	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	330	UG/KG	70700	69400	108000	84300
Di-n-octyl phthalate	330	UG/KG	ND	ND	12900	ND
Benzo[K]fluoranthene	330	UG/KG	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	330	UG/KG	ND	ND	ND	ND
Benzo[Al]pyrene	330	UG/KG	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	330	UG/KG	ND	ND	ND	ND
Dibenzo(A,H)anthracene	330	UG/KG	ND	ND	ND	ND
Benzo[G,H,I]perylene	330	UG/KG	ND	ND	ND	ND
1,2-diphenylhydrazine		UG/KG	ND	ND	ND	ND
=====						
PolyNuc. Aromatic Hydrocarbons	330	UG/KG	376	684	1130	535
Dichlorobenzenes	330	UG/KG	0	0	0	0
=====						
Base/Neutral Compounds	330	UG/KG	75961	70414	125752	86997
Additional analytes determined;						
=====						
1-methylnaphthalene		UG/KG	631	554	1020	719
2-methylnaphthalene		UG/KG	1010	802	1450	995
2,6-dimethylnaphthalene		UG/KG	826	755	1490	ND
2,3,5-trimethylnaphthalene		UG/KG	350	ND	1530	ND
1-methylphenanthrene		UG/KG	ND	ND	138	ND
Benzo[e]pyrene		UG/KG	ND	ND	ND	ND
Perylene	330	UG/KG	ND	ND	ND	ND
Biphenyl		UG/KG	123	193	395	ND
Pyridine		UG/KG	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Phenolics

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

Analyte	MDL Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	Average
		29-FEB-2008 P419045	31-MAY-2008 P428696	31-AUG-2008 P439699	31-OCT-2008 P446405	
2,4,6-trichlorophenol	330 UG/KG	ND	ND	ND	ND	ND
2,4-dichlorophenol	330 UG/KG	ND	ND	ND	ND	ND
2,4-dimethylphenol	330 UG/KG	ND	ND	ND	ND	ND
2,4-dinitrophenol	330 UG/KG	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	800 UG/KG	ND	ND	ND	ND	ND
2-chlorophenol	330 UG/KG	ND	ND	ND	ND	ND
2-nitrophenol	330 UG/KG	ND	ND	ND	ND	ND
4-chloro-3-methylphenol	330 UG/KG	ND	ND	ND	ND	ND
4-nitrophenol	800 UG/KG	ND	ND	ND	ND	ND
Pentachlorophenol	800 UG/KG	ND	ND	965	<800	241
Phenol	330 UG/KG	159000	204000	282000	155000	200000
Total Non-Chlorinated Phenols	800 UG/KG	173500	225900	305100	168700	218300
Total Chlorinated Phenols	800 UG/KG	0	0	965	0	241
Phenols	800 UG/KG	173500	225900	306065	168700	218541
Phenols average	800 UG/KG	14455	18545	25724	14091	18204

Additional analytes determined;

2-methylphenol	330 UG/KG	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	330 UG/KG	NA	NA	ND	NA	ND
4-methylphenol(3-MP is unresolved)	330 UG/KG	14500	21900	23100	13700	18300
2,4,5-trichlorophenol	800 UG/KG	ND	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE Purgeables

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

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JAN-2008 P416211	29-FEB-2008 P419045	31-MAR-2008 P421504	30-APR-2008 P425830	31-MAY-2008 P428696	30-JUN-2008 P432370
Chloromethane	25.8	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichlorobenzene	28.7	UG/KG	ND	37	52	ND	29	14
1,3-dichlorobenzene	16.1	UG/KG	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene	1.5	UG/KG	87	122	116	89	99	72
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	ND	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND	ND
Methylene chloride	62.5	UG/KG	ND	ND	<63	ND	ND	41.1 *
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	ND	ND	ND
Chloroform	25.6	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	ND	ND	ND
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromoform	26.1	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	<64	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
Toluene	48	UG/KG	ND	ND	ND	ND	ND	14
Chlorobenzene	31.1	UG/KG	ND	ND	49	ND	96	23
Ethylbenzene	90.5	UG/KG	ND	ND	ND	ND	<91	26
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND	ND
Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND	ND
Purgeable Compounds	90.5	UG/KG	87	159	<217	89	224	149

Additional analytes determined;

Analyte	MDL	Units	31-JAN-2008	29-FEB-2008	31-MAR-2008	30-APR-2008	31-MAY-2008	30-JUN-2008
1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	17	UG/KG	ND	ND	ND	ND	ND	ND
2-butanone	36.3	UG/KG	1700	2880	2360	1780	2710	3160
Dibromofluoromethane		UG/KG	958	768	960	975	853	950
Dichlorodifluoromethane		UG/KG	ND	ND	ND	ND	ND	ND
2-nitropropane	45.8	UG/KG	ND	ND	ND	ND	ND	ND
Acetone	185	UG/KG	4970	6160	2920	2940	5730	5780
Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND	ND
Benzyl chloride	38	UG/KG	ND	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND	ND
Carbon disulfide	34	UG/KG	70	82	76	58	90	70
Isopropylbenzene	17	UG/KG	ND	ND	ND	ND	ND	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND	ND
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND	ND	ND	ND	12
meta,para xylenes	35	UG/KG	ND	<35	ND	ND	<35	26
Methyl tert-butyl ether	34	UG/KG	ND	ND	ND	ND	ND	ND
ortho-xylene	23	UG/KG	ND	ND	ND	ND	ND	13
Styrene	19	UG/KG	ND	ND	ND	ND	ND	12

Found 7.92 ug/L in method blank and 6.72 ug/L in field blank.

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE Purgeables

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

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JUL-2008 P434523	31-AUG-2008 P439699	30-SEP-2008 P443814	31-OCT-2008 P446405	30-NOV-2008 P452340	31-DEC-2008 P454841
Chloromethane	25.8	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichlorobenzene	28.7	UG/KG	41.9*	32*	27	34	56	25
1,3-dichlorobenzene	16.1	UG/KG	ND	ND	ND	ND	6	4
1,4-dichlorobenzene	1.5	UG/KG	84.9*	95.5*	55.2*	55	70	108
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	ND	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND	ND
Methylene chloride	62.5	UG/KG	ND	ND	3250	ND	16	11
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	ND	ND	ND
Chloroform	25.6	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	ND	ND	ND
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND	4
Dibromochloromethane	24.2	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromoform	26.1	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
Toluene	48	UG/KG	13	14	10	14	21	19
Chlorobenzene	31.1	UG/KG	28	38	28	40	41	26
Ethylbenzene	90.5	UG/KG	37	36	22	33	66	42
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND	ND
Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND	ND
Purgeable Compounds	90.5	UG/KG	78	88	3337	176	276	239

Additional analytes determined;

1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	17	UG/KG	ND	ND	ND	ND	ND	ND
2-butanone	36.3	UG/KG	2200	6700	3100	3530	16200	5660
Dibromofluoromethane		UG/KG	1030	1030	1810	919	912	918
Dichlorodifluoromethane		UG/KG	ND	ND	ND	ND	ND	ND
2-nitropropane	45.8	UG/KG	ND	ND	ND	ND	ND	ND
Acetone	185	UG/KG	4520	16800	7970	17500	43400	19300
Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND	ND
Benzyl chloride	38	UG/KG	ND	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND	ND
Carbon disulfide	34	UG/KG	68	115	38	81	118	86
Isopropylbenzene	17	UG/KG	7	ND	ND	ND	7	5
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND	ND
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND	ND	19	109	23
meta,para xylenes	35	UG/KG	38	27	18	23	36	30
Methyl tert-butyl ether	34	UG/KG	ND	ND	ND	ND	ND	ND
ortho-xylene	23	UG/KG	21	15	10	14	22	16
Styrene	19	UG/KG	14	16	13	26	119	14

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

*This analyte found in method blank above MDL, not used in computations of averages.

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE Purgeables

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

Analyte	MDL	Units	Average
Chloromethane	25.8	UG/KG	ND
1,2-dichlorobenzene	28.7	UG/KG	27
1,3-dichlorobenzene	16.1	UG/KG	1
1,4-dichlorobenzene	1.5	UG/KG	91
Bromomethane	29.2	UG/KG	ND
Vinyl chloride	26.2	UG/KG	ND
Chloroethane	61	UG/KG	ND
1,1-dichloroethene	25.1	UG/KG	ND
Trichlorofluoromethane	28	UG/KG	ND
Methylene chloride	62.5	UG/KG	<298
1,1-dichloroethane	25.7	UG/KG	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND
Chloroform	25.6	UG/KG	ND
1,2-dichloroethane	20.5	UG/KG	ND
1,1,1-trichloroethane	27.4	UG/KG	ND
Carbon tetrachloride	15.6	UG/KG	ND
Bromodichloromethane	17	UG/KG	ND
1,2-dichloropropane	25.5	UG/KG	ND
trans-1,3-dichloropropene	17	UG/KG	ND
Trichloroethene	25.3	UG/KG	ND
Benzene	26.5	UG/KG	0
Dibromochloromethane	24.2	UG/KG	ND
1,1,2-trichloroethane	35.1	UG/KG	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND
Bromoform	26.1	UG/KG	ND
1,1,2,2-tetrachloroethane	64	UG/KG	0
Tetrachloroethene	21.5	UG/KG	ND
Toluene	48	UG/KG	9
Chlorobenzene	31.1	UG/KG	31
Ethylbenzene	90.5	UG/KG	22
Acrylonitrile	275	UG/KG	ND
Acrolein	70.9	UG/KG	ND
Purgeable Compounds	90.5	UG/KG	427

Additional analytes determined;

1,2-dibromoethane	17	UG/KG	ND
1,2,4-trichlorobenzene	17	UG/KG	ND
2-butanone	36.3	UG/KG	4332
Dibromofluoromethane		UG/KG	1007
Dichlorodifluoromethane		UG/KG	ND
2-nitropropane	45.8	UG/KG	ND
Acetone	185	UG/KG	11499
Allyl chloride	25	UG/KG	ND
Benzyl chloride	38	UG/KG	ND
Chloroprene	17	UG/KG	ND
Carbon disulfide	34	UG/KG	79
Isopropylbenzene	17	UG/KG	2
Methyl Iodide	19	UG/KG	ND
Methyl methacrylate	36	UG/KG	ND
4-methyl-2-pentanone	24	UG/KG	14
meta,para xylenes	35	UG/KG	17
Methyl tert-butyl ether	34	UG/KG	ND
ortho-xylene	23	UG/KG	9
Styrene	19	UG/KG	18

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Dioxin and Furan Analysis, SW-846 Method 8290
 From 01-JAN-2008 to 31-DEC-2008

Analyzed by: TestAmerica

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN
			31-MAY-2008 P428696	31-OCT-2008 P459529
2,3,7,8-tetra CDD	1.5	NG/KG	ND	ND
1,2,3,7,8-penta CDD	31	NG/KG	ND	ND
1,2,3,4,7,8_hexa_CDD	22	NG/KG	ND	ND
1,2,3,6,7,8-hexa CDD	19	NG/KG	ND	22
1,2,3,7,8,9-hexa CDD	18	NG/KG	ND	E2
1,2,3,4,6,7,8-hepta CDD		NG/KG	120	163
octa CDD		NG/KG	1590	1200
2,3,7,8-tetra CDF		NG/KG	4	3
1,2,3,7,8-penta CDF	2.2	NG/KG	ND	ND
2,3,4,7,8-penta CDF	2.8	NG/KG	ND	ND
1,2,3,4,7,8-hexa CDF	6.6	NG/KG	ND	E2
1,2,3,6,7,8-hexa CDF	3.6	NG/KG	ND	E1
1,2,3,7,8,9-hexa CDF	2	NG/KG	ND	ND
2,3,4,6,7,8-hexa CDF	5.2	NG/KG	ND	E1
1,2,3,4,6,7,8-hepta CDF		NG/KG	55	E21
1,2,3,4,7,8,9-hepta CDF	36	NG/KG	ND	ND
octa CDF		NG/KG	136	54

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

H. Results of "Title 22" Sludge Hazardous Waste Tests

Title 22 CCR Summary Tables

Concentrations of Title 22 analytes (metals and organics) both on a wet weight and dry weight concentration basis for monthly composite of daily samples of sludge being hauled from the Metro Biosolids Center.

The tables list the TTLC (Total Threshold Limit Concentration) or STLC (Soluble Threshold Limit Concentration) limits in the left column for each analyte.

Definitions:

MBCDEWCN = Metro Biosolids Center dewatered sludge.

2008 POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL REPORT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TEST (TITLE 22)

METRO BIOSOLIDS CENTER (MBC)

WET WEIGHT Concentration (calculated)

ANALYTE	WET WEIGHT Concentration (calculated)											
	TTLC Wet wt mg/Kg	Jan-08 P416211	Feb-08 P419045	Mar-08 P421504	Apr-08 P425830	May-08 P428696	Jun-08 P432370	Jul-08 P434523	Aug-08 P439699	Sep-08 P443814	Oct-08 P446405	Nov-08 P452340
ANTIMONY	500	1.46	1.30	1.15	0.98	1.13	1.14	1.12	0.85	1.12	0.89	0.67
ARSENIC	500	1.3	1.2	1.1	1.0	0.9	0.7	0.4	0.9	0.9	0.5	0.6
BARUM	10000	72	142	165	95	122	128	133	134	125	133	106
BERYLLIUM	75	0.113	0.101	0.109	0.015	0.080	0.1	0.1	0.1	0.1	0.1	0.1
CADMIUM	100	0.6	0.8	0.5	0.4	0.5	0.4	0.5	0.4	0.5	0.4	0.4
CHROMIUM(VI)	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM(total)	2500	24	33	25	17	18	22	29	20	29	27	19
COBALT	8000	0.7	0.7	0.8	0.7	0.7	1.1	0.8	0.8	1.4	0.9	1.2
COPPER	2500	175	179	201	182	187	199	209	220	221	223	197
LEAD	1000	5	5	5	4	5	5	5	5	5	6	5
MERCURY	20	0.39	0.36	0.47	0.42	0.37	0.46	0.38	0.47	0.42	0.39	0.48
MOLYBDENUM	3500	4.7	4.5	5.0	4.2	4.7	5.4	6.1	6.5	7.8	7.0	6.0
NICKEL	2000	20	26	21	14	16	20	23	17	28	18	16
SELENIUM	100	1.4	1.5	1.4	1.7	1.5	1.6	1.5	1.5	1.2	1.4	1.6
SILVER	500	3	3	3	3	3	3	3	3	3	3	2
THALLIUM	700	< 0.22	< 0.23	< 0.22	< 0.22	< 0.22	< 0.21	< 0.27	< 0.28	< 0.28	< 0.29	< 0.28
VANADIUM	2400	6	7	8	6	8	8	6	6	6	6	6
ZINC	5000	292	261	312	252	253	274	241	276	273	277	265
FLUORIDE	18000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SULFIDES-REACTIVE	NA	< 3	7	5	< 3	< 3	9	6	< 3	< 3	< 3	< 3
SULFIDES-TOTAL	NA	3807	2749	2938	3064	4766	4544	6079	3475	2432	2655	3329
TOTAL SOLIDS (%)	NA	28.2	29.7	28.8	28.5	28.2	28.4	27.2	28.3	28.1	28.7	28.5

DRY WEIGHT Concentration

ANALYTE	DRY WEIGHT Concentration											
	TTLC Wet wt mg/Kg	Jan-08 P416211	Feb-08 P419045	Mar-08 P421504	Apr-08 P425830	May-08 P428696	Jun-08 P432370	Jul-08 P434523	Aug-08 P439699	Sep-08 P443814	Oct-08 P446405	Nov-08 P452340
ANTIMONY	500	5.2	4.4	4.0	3.5	4.0	4.3	4.2	2.9	4.0	3.1	2.4
ARSENIC	500	4.7	4.0	3.9	3.4	3.2	3.4	2.6	3.3	1.3	1.9	2.1
BARUM	10000	256	479	572	335	479	373	475	459	473	462	373
BERYLLIUM	75	0.4	0.3	0.38	0.1	0.3	0.2	0.5	0.2	0.37	0.3	0.22
CADMIUM	100	2.2	2.6	1.6	1.4	1.6	1.7	1.6	1.7	1.6	1.3	1.6
CHROMIUM(VI)	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM(total)	2500	84.4	110	85.2	58.8	63.6	57.7	80.4	72.1	104.5	95.4	67.3
COBALT	8000	2.5	2.4	2.6	3.0	2.3	4.0	3.9	3.1	4.9	2.7	4.1
COPPER	2500	621	604	697	638	664	746	736	770	787	778	694
LEAD	1000	18.8	15.3	17	14.3	16	17.9	17.1	19.9	19.5	19.4	18.4
MERCURY	20	1.4	1.2	1.6	1.5	1.3	1.9	1.7	1.4	1.7	1.4	1.7
MOLYBDENUM	3500	16.5	15	17.5	14.7	16.6	19	21.9	22.5	27.7	24.3	21.2
NICKEL	2000	72.3	87.1	73.8	49.2	58.4	70.9	86.9	63.1	99.6	64	56.9
SELENIUM	100	5.0	5.1	5.0	6.0	5.4	5.2	5.8	5.6	5.1	6.7	5.5
SILVER	500	9.4	10.1	11.7	10.2	10.9	10.8	9.87	10.6	9.05	8.77	8.09
THALLIUM	700	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 1	< 1	< 1	< 1
VANADIUM	2400	21.1	23	26.2	20.1	28.7	28.8	21	23.2	20.8	20.0	19.4
ZINC	5000	1035	880	1085	883	897	965	972	885	978	966	933
FLUORIDE	18000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SULFIDES-REACTIVE	NA	< 11	22	18	< 11	< 11	32	19	21	< 11	< 11	< 11
SULFIDES-TOTAL	NA	13500	9255	10200	10750	16900	16000	8670	22350	12300	9250	11700

TTLC = Total Threshold Limit Concentration

NA = Not Analyzed, NS = Not Sampled

* = The total concentration is less than 10 times the the STLC, therefore by definition this substance is below hazardous concentrations.

ORGANICS

WET WEIGHT Concentration (calculated)

ANALYTE	WET WEIGHT Concentration (calculated)												
	TTLC Wet wt mg/Kg	Jan-08 P416211	Feb-08 P419045	Mar-08 P421504	Apr-08 P425830	May-08 P428696	Jun-08 P432370	Jul-08 P434523	Aug-08 P439699	Sep-08 P443814	Oct-08 P446405	Nov-08 P452340	Dec-08 P454841
ALDRIN	1.4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLORDANE	2.5	0.004	nd	nd	nd	0.034	0.038	0.021	0.060	nd	0.021	0.018	0.025
DDT, DDE, DDD	1.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.0172	0.0341
2,4-DCPAA	100	nd	nd	nd	nd	nd	nd	nd	NA	NA	NA	NA	NA
DIELDRIN	8.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
ENDRIN	0.20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
HEPTACHLOR	4.7	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
KEPONE	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINDANE	4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
METHOXYCHLOR	100	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
MIREX	21	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
PENTACHLOROPHENOL	17	nd	nd	nd	nd	nd	nd	nd	0.262	NA	0.044	nd	NA
PCBs (TOTAL)	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TOXAPHENE	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLOROETHENE	2040	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,4,5-TCPPA	10	nd	nd	nd	nd	nd	nd	nd	NA	NA	NA	NA	NA
TOTAL SOLIDS (%)	28.2	29.7	28.8	28.8	28.5	28.2	28.4	27.0	27.2	28.1	28.3	28.7	28.5
pH	7.87	7.76	7.92	7.71	7.71	7.62	7.59	7.87	7.46	7.45	7.58	7.66	7.67

DRY WEIGHT Concentration

ANALYTE	DRY WEIGHT Concentration												
	TTLC Wet wt mg/Kg	Jan-08 P416211	Feb-08 P419045	Mar-08 P421504	Apr-08 P425830	May-08 P428696	Jun-08 P432370	Jul-08 P434523	Aug-08 P439699	Sep-08 P443814	Oct-08 P446405	Nov-08 P452340	Dec-08 P454841
ALDRIN	1.4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLORDANE	2.5	0.014	nd	nd	nd	0.120	0.135	0.080	0.220	nd	0.073	0.063	0.089
DDT, DDE, DDD	1.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.0600	0.120
2,4-DCPAA	100	nd	nd	nd	nd	nd	nd	nd	NA	NA	NA	NA	NA
DIELDRIN	8.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
ENDRIN	0.20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
HEPTACHLOR	4.7	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
KEPONE	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINDANE	4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
METHOXYCHLOR	100	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
MIREX	21	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
PENTACHLOROPHENOL	17	nd	nd	nd	nd	nd	nd	nd	0.965	NA	nd	nd	NA
PCBs (TOTAL)	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.154	nd	nd
TOXAPHENE	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLOROETHENE	2040	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,4,5-TCPPA	10	nd	nd	nd	nd	nd	nd	nd	nd	NA	NA	NA	NA

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

WASTE EXTRACTION TEST - METALS

ANALYTE	STLC													MBCDEWCN
	Wet wt mg/L	Jan-08 P416211	Feb-08 P419045	Mar-08 P421504	Apr-08 P425830	May-08 P428696	Jun-08 P432370	Jul-08 P434523	Aug-08 P439699	Sep-08 P443814	Oct-08 P446405	Nov-08 P452340	Dec-08 P454841	
ANTIMONY	15	*	*	*	*	*	*	*	*	*	*	*	*	
ARSENIC	5.0	*	*	*	*	*	*	*	*	*	*	*	*	
BARIUM	100	*	*	*	*	*	*	*	*	*	*	*	*	
BERYLLIUM	0.75	*	*	*	*	*	*	*	*	*	*	*	*	
CADMIUM	1.0	*	*	*	*	*	*	*	*	*	*	*	*	
CHROMIUM(VI)	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CHROMIUM(total)	560	*	*	*	*	*	*	*	*	*	*	*	*	
COBALT	80	*	*	*	*	*	*	*	*	*	*	*	*	
COPPER	25	*	*	*	*	*	*	*	*	*	*	*	*	
LEAD	5.0	*	*	*	*	*	*	*	*	*	*	*	*	
MERCURY	0.2	*	*	*	*	*	*	*	*	*	*	*	*	
MOLYBDENUM	350	*	*	*	*	*	*	*	*	*	*	*	*	
NICKEL	20	*	*	*	*	*	*	*	*	*	*	*	*	
SELENIUM	1.0	*	*	*	*	*	*	*	*	*	*	*	*	
SILVER	5.0	*	*	*	*	*	*	*	*	*	*	*	*	
THALLIUM	7.0	*	*	*	*	*	*	*	*	*	*	*	*	
VANADIUM	24	*	*	*	*	*	*	*	*	*	*	*	*	
ZINC	250	*	*	*	*	*	*	*	*	*	*	*	*	

* = Since the total concentrations are less than 10 times the the STLC, this substance is below STLC limits by definition.

WASTE EXTRACTION TEST - ORGANICS

ANALYTE	STLC													MBCDEWCN
	Wet wt mg/L	Jan-08 P416211	Feb-08 P419045	Mar-08 P421504	Apr-08 P425830	May-08 P428696	Jun-08 P432370	Jul-08 P434523	Aug-08 P439699	Sep-08 P443814	Oct-08 P446405	Nov-08 P452340	Dec-08 P454841	
ALDRIN	0.14	*	*	*	*	*	*	*	*	*	*	*	*	
CHLORDANE	0.25	*	*	*	*	*	*	*	*	*	*	*	*	
DDT, DDE, DDD	0.1	*	*	*	*	*	*	*	*	*	*	*	*	
2,4-DCPAA	10	*	*	*	*	*	*	*	*	NA	NA	NA	NA	
DIELDRIN	0.8	*	*	*	*	*	*	*	*	*	*	*	*	
ENDRIN	0.02	*	*	*	*	*	*	*	*	*	*	*	*	
HEPTACHLOR	0.47	*	*	*	*	*	*	*	*	*	*	*	*	
KEPONE	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LINDANE	0.4	*	*	*	*	*	*	*	*	*	*	*	*	
METHOXYCHLOR	10	*	*	*	*	*	*	*	*	*	*	*	*	
MIREX	2.1	*	*	*	*	*	*	*	*	*	*	*	*	
PENTACHLOROPHENOL	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCBs (TOTAL)	5	*	*	*	*	*	*	*	*	*	*	*	*	
TOXAPHENE	0.5	*	*	*	*	*	*	*	*	*	*	*	*	
TRICHLOROETHENE	204	*	*	*	*	*	*	*	*	*	*	*	*	
2,4,5-TCPPA	1	*	*	*	*	*	*	*	*	*	*	*	*	

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