

**City Of Winnipeg
Water Waste Department**

South End Water Pollution Control Centre Quarterly Monitoring Report

1'st Quarter Sampling	March 15, 2006			SEWPCC	
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab
Miscellaneous					
Chromium, Hexavalent	mg/L	0.001	0.001	<0.001	<0.001
Mercury (Hg)-Total	ng/L	0.5	0.5	99	7.4
Toxaphene	mg/L	0.001	0.001	<0.001	<0.001
Phenols (4AAP)	mg/L	0.001	0.001	0.087	0.008
Tributyltin (as Sn)	mg/L	0.00004	0.00004	<0.00004	0.00036
Tetraethyl Lead (Pb)	mg/L	0.00004	0.00004	<0.00004	<0.00004
Total Oil and Grease	mg/L	1	1	60	<1
Trout Bioassay	Pass/Fail			NA	Fail
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.002	0.001
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.009	0.004
Copper, Total	mg/L	0.001	0.001	0.255	0.065
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.020	0.018
Lead, Total	mg/L	0.001	0.001	0.007	0.002
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.162	0.097
Dioxins and Furans					
2378 TeCDD	pg/L	0.3	0.3	<0.35	<0.32
12378 PeCDD	pg/L	0.3	0.3	<0.32	<0.29
123478 HxCDD	pg/L	0.2	0.2	<0.24	<0.21
123678 HxCDD	pg/L	0.2	0.2	<0.23	<0.19
123789 HxCDD	pg/L	0.2	0.2	<0.22	<0.19
1234678 HpCDD	pg/L	0.3	0.3	5.5	2.3
OCDD	pg/L	0.7	0.7	51	18
Total TCDD	pg/L	0.3	0.3	<0.35	3.8
Total PeCDD	pg/L	0.3	0.3	<0.32	<0.29
Total HxCDD	pg/L	0.2	0.2	<0.24	<0.21
Total HpCDD	pg/L	0.3	0.3	9.6	4.2
Total PCDDs	pg/L	0.7	0.7	61	26
2378 TeCDF	pg/L	0.2	0.2	<0.23	<0.18
12378 PeCDF	pg/L	0.3	0.3	<0.30	<0.26
23478 PeCDF	pg/L	0.2	0.2	<0.20	<0.17
123478 HxCDF	pg/L	0.2	0.1	0.3	<0.14
123678 HxCDF	pg/L	0.1	0.1	0.37	<0.13
123789 HxCDF	pg/L	0.2	0.2	<0.19	<0.17
234678 HxCDF	pg/L	0.1	0.1	<0.15	<0.13
1234678 HpCDF	pg/L	0.2	0.2	2.7	0.96
1234789 HpCDF	pg/L	0.3	0.3	<0.29	<0.25
OCDF	pg/L	0.4	0.4	7.1	3
Total TCDF	pg/L	0.2	0.2	<0.23	<0.18
Total PeCDF	pg/L	0.3	0.3	<0.30	<0.26
Total HxCDF	pg/L	0.2	0.2	0.82	0.68

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Total HpCDF	pg/L	0.3	0.3	5.8	5.8
Total PCDFs	pg/L	0.4	0.4	14	9.5
Total TEQ (ND=0) (WHO Calc)	pg/L			0.16	0.037
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			0.62	0.46
Total TEQ (ND=DL) (WHO Calc)	pg/L			1.1	0.88
13C12 2378 TeCDD	%			71	70
13C12 12378 PeCDD	%			82	76
13C12 123478 HxCDD	%			77	77
13C12 123678 HxCDD	%			86	85
13C12 1234678 HpCDD	%			74	64
13C12 OCDD	%			74	54
13C12 2378 TeCDF	%			79	77
13C12 12378 PeCDF	%			78	76
13C12 23478 PeCDF	%			79	80
13C12 123478 HxCDF	%			66	64
13C12 123678 HxCDF	%			74	73
13C12 234678 HxCDF	%			82	80
13C12 123789 HxCDF	%			77	78
13C12 1234678 HpCDF	%			73	63
13C12 1234789 HpCDF	%			74	64
37C14 2378 TeCDD	%			65	61
EPA 8270 Extractables					
1,2,3-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2,4-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
4-Chloroaniline	ug/L	4	0.4	<4	<0.4
1,3-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
1,4-Dichlorobenzene	ug/L	4	0.4	<4	0.7
1-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
1-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
2,3,4,5-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4,6-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dimethylphenol	ug/L	5	0.5	<5	<0.5
2,4-Dinitrophenol	ug/L	10	1	<10	<1
2,4-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
2,6-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,6-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
2-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
2-Chlorophenol	ug/L	3	0.3	<3	<0.3
2-Methylnaphthalene	ug/L	4	0.4	<4	<0.4

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2-Methylphenol	ug/L	5	0.5	<5	<0.5
2-Nitrophenol	ug/L	5	0.5	<5	<0.5
3,3'-Dichlorobenzidine	ug/L	4	0.4	<4	<0.4
3&4-Methylphenol	ug/L	5	0.5	96	<0.5
4,6-Dinitro-2-methylphenol	ug/L	20	2	<20	<2
4-Bromophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Chloro-3-methylphenol	ug/L	5	0.5	<5	<0.5
4-Chlorophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Nitrophenol	ug/L	5	0.5	<5	<0.5
5-Nitroacenaphthene	ug/L	4	0.4	<4	<0.4
Acenaphthene	ug/L	2	0.2	<2	<0.2
Acenaphthylene	ug/L	2	0.2	<2	<0.2
Anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)pyrene	ug/L	0.1	0.01	0.2	<0.01
Benzo(b)fluoranthene	ug/L	2	0.2	<2	<0.2
Benzo(ghi)perylene	ug/L	2	0.2	<2	<0.2
Benzo(k)fluoranthene	ug/L	2	0.2	<2	<0.2
Biphenyl	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethoxy)methane	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-chloroisopropyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-ethylhexyl)phthalate	ug/L	20	2	<20	<2
Butylbenzyl phthalate	ug/L	4	0.4	<4	<0.4
Camphene	ug/L	4	0.4	<4	<0.4
Chrysene	ug/L	2	0.2	<2	<0.2
Dibenzo(a,h)anthracene	ug/L	2	0.2	<2	<0.2
Diethylphthalate	ug/L	2	0.2	6	<0.2
Dimethylphthalate	ug/L	2	0.2	<2	<0.2
Di-n-butylphthalate	ug/L	20	2	<20	<2
Di-n-octylphthalate	ug/L	4	0.4	<4	<0.4
Diphenyl ether	ug/L	4	0.4	<4	<0.4
Diphenylamine	ug/L	4	0.4	<4	<0.4
Fluoranthene	ug/L	2	0.2	<2	<0.2
Fluorene	ug/L	2	0.2	<2	<0.2
Hexachlorobenzene	ug/L	1	0.1	<1	<0.1
Hexachlorobutadiene	ug/L	2	0.2	<2	<0.2
Hexachlorocyclopentadiene	ug/L	4	0.4	<4	<0.4
Hexachloroethane	ug/L	4	0.4	<4	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	2	0.2	<2	<0.2
Indole	ug/L	4	0.4	203	<0.4
Isophorone	ug/L	4	0.4	<4	<0.4
Naphthalene	ug/L	2	0.2	<2	<0.2
Nitrobenzene	ug/L	4	0.4	<4	<0.4
N-Nitroso-di-n-propylamine	ug/L	4	0.4	<4	<0.4
Pentachlorophenol	ug/L	5	0.5	<5	<0.5
Perylene	ug/L	2	0.2	<2	<0.2

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Phenanthrene	ug/L	2	0.2	<2	<0.2
Phenol	ug/L	5	0.5	29	<0.5
Pyrene	ug/L	2	0.2	<2	<0.2
Nitrobenzene d5	%			N/A	88
2-Fluorobiphenyl	%			N/A	65
p-Terphenyl d14	%			87	78
Phenol d5	%			N/A	25
2,4,6-Tribromophenol	%			97	79
Cresols (total)	ug/L	10	1	100	<1
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	mg/L	0.1	0.1	<0.1	<0.1
Nonylphenol Monoethoxylates	mg/L	0.5	0.5	<0.5	<0.5
Nonylphenol Diethoxylates	mg/L	1.2	1.2	<1	<1
Nonylphenol Triethoxylates	mg/L	2	2	<2	<2
t-Octylphenol	mg/L	0.02	0.02	<0.02	<0.02
t-Octylphenol Monoethoxylate	mg/L	0.1	0.1	<0.1	<0.1
t-Octylphenol Diethoxylate	mg/L	0.2	0.2	<0.2	<0.2
t-Octylphenol Triethoxylate	mg/L	0.5	0.5	<0.5	<0.5
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005
Pesticides, Organochlorine					
op-DDT	ug/L	0.1	0.1	<0.1	<0.1
pp-DDD	ug/L	0.1	0.1	<0.1	<0.1
pp-DDE	ug/L	0.1	0.1	<0.1	<0.1
pp-DDT	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor Epoxide	ug/L	0.1	0.1	<0.1	<0.1
a-chlordane	ug/L	0.1	0.1	<0.1	<0.1
g-chlordane	ug/L	0.1	0.1	<0.1	<0.1
Aldrin	ug/L	0.1	0.1	<0.1	<0.1
Dieldrin	ug/L	0.1	0.1	<0.1	<0.1
Lindane	ug/L	0.1	0.1	<0.1	<0.1
Methoxychlor	ug/L	0.1	0.1	<0.1	<0.1
alpha-BHC	ug/L	0.1	0.1	<0.1	<0.1
beta-BHC	ug/L	0.1	0.1	<0.1	<0.1

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	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
delta-BHC	ug/L	0.1	0.1	<0.1	<0.1
Oxychlorane	ug/L	0.1	0.1	<0.1	<0.1
Endrin	ug/L	0.1	0.1	<0.1	<0.1
beta-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
alpha-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
o,p-DDE	ug/L	0.1	0.1	<0.1	<0.1
Endrin Aldehyde	ug/L	0.1	0.1	<0.1	<0.1
Endosulfan Sulfate	ug/L	0.1	0.1	<0.1	<0.1
Mirex	ug/L	0.1	0.1	<0.1	<0.1
op-DDD	ug/L	0.1	0.1	<0.1	<0.1
2-Fluorobiphenyl	%			53	69
d14-Terphenyl	%			77	85
Phenoxyacid Herbicides by GC/MS					
2,4,5-TP	ug/L	5	0.5	<5	<0.5
MCPA	ug/L	5	0.5	<5	<0.5
2,4,5-T	ug/L	5	0.5	<5	<0.5
2,4-D	ug/L	5	0.5	<5	<0.5
Bromoxynil	ug/L	5	0.5	<5	<0.5
Dicamba	ug/L	5	0.5	<5	<0.5
Dinoseb	ug/L	5	0.5	<5	<0.5
Picloram	ug/L	5	0.5	<5	<0.5
2,4-Dichlorophenylacetic Acid	%			84	85
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.0005	<0.0005
Dinitropyrene	mg/L	0.02	0.02	<0.02	<0.02
2-Fluorobiphenyl	%			34	65
p-Terphenyl d14	%			60	110
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,1-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dibromoethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloropropane	ug/L	0.5	0.5	<0.5	<0.5
1,3-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,4-Dichlorobenzene	ug/L	0.5	0.5	0.9	0.6
2-Chloroethylvinyl Ether	ug/L	20	20	<20	<20
2-Hexanone	ug/L	20	20	<20	<20
Acetone	ug/L	20	20	50	<20

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	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab
Benzene	ug/L	0.5	0.5	<0.5	<0.5
Bromodichloromethane	ug/L	0.5	0.5	<0.5	0.6
Bromoform	ug/L	0.5	0.5	<0.5	<0.5
Bromomethane	ug/L	1	1	<1	<1
Carbon Disulfide	ug/L	0.5	0.5	<0.5	<0.5
Carbon tetrachloride	ug/L	0.5	0.5	<0.5	<0.5
Chlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
Chloroethane	ug/L	1	1	<1	<1
Chloroform	ug/L	0.5	0.5	26.6	19.3
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
cis-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Dibromochloromethane	ug/L	0.5	0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/L	1	1	<1	<1
Dichloromethane	ug/L	0.5	0.5	1.1	2.4
Ethyl Benzene	ug/L	0.5	0.5	<0.5	<0.5
m+p-Xylenes	ug/L	1	1	<1	<1
Methyl Ethyl Ketone	ug/L	20	20	<20	<20
Methyl Isobutyl Ketone	ug/L	20	20	<20	<20
MTBE	ug/L	0.5	0.5	<0.5	<0.5
o-Xylene	ug/L	0.5	0.5	<0.5	<0.5
Styrene	ug/L	0.5	0.5	<0.5	<0.5
Tetrachloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Toluene	ug/L	0.5	0.5	6.6	<0.5
trans-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Trichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Trichlorofluoromethane	ug/L	1	1	<1	<1
Trihalomethanes (total)	ug/L	2	2	26.6	19.9
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5
1,2-Dichloroethane d4	%			102	105
Toluene-d8	%			103	96
4-Bromofluorobenzene	%			97	91

NOTES:

MDL- Method Detection Limit

mg/L- milligrams/Litre

ug/L- micrograms/Litre

ng/L- nanograms/Litre

pg/L- picograms/Litre

<- less than

NA- not analyzed

** Total Metals were analyzed in-house on biweekly composite samples, and the reported results are quarterly averages. All other parameters were analyzed by contract laboratory.*

This report was revised February 17, 2010 to include Total Metals data.

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2'nd Quarter Sampling Parameter	June 14, 2006			SEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Miscellaneous					
Chromium, Hexavalent	mg/L	0.01	0.01	<0.01	<0.01
Mercury (Hg)-Total	ng/L	0.5	0.5	58	12
Toxaphene	mg/L	0.001	0.001	<0.001	<0.001
Phenols (4AAP)	mg/L	0.001	0.001	0.066	0.002
Tributyltin (as Sn)	ug/L	0.05	0.05	<0.05	<0.05
Tetraethyl Lead (as Pb)	ug/L	0.05	0.05	<0.05	<0.05
Total Oil and Grease	mg/L	1	1	520	<1
Trout Bioassay	Pass/Fail			NA	Fail
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.003	<0.001
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.022	0.003
Copper, Total	mg/L	0.001	0.001	0.145	0.024
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.018	0.018
Lead, Total	mg/L	0.001	0.001	0.009	0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.139	0.074
Dioxins and Furans					
2378 TeCDD	pg/L	0.4	0.4	<0.40	<0.40
12378 PeCDD	pg/L	0.5	0.5	<0.50	<0.50
123478 HxCDD	pg/L	0.4	0.4	<0.40	<0.40
123678 HxCDD	pg/L	0.3	0.3	<0.30	<0.30
123789 HxCDD	pg/L	0.3	0.3	<0.30	<0.30
1234678 HpCDD	pg/L	0.6	0.6	14	30
OCDD	pg/L	1	1	130	330
Total TCDD	pg/L	0.4	0.4	1.4	<0.40
Total PeCDD	pg/L	0.5	0.5	<0.50	<0.50
Total HxCDD	pg/L	0.4	0.4	<0.40	6.4
Total HpCDD	pg/L	0.6	0.6	2	110
Total PCDDs	pg/L	1	1	130	450
2378 TeCDF	pg/L	0.3	0.3	<0.30	<0.30
12378 PeCDF	pg/L	0.5	0.5	<0.50	<0.50
23478 PeCDF	pg/L	0.4	0.3	<0.40	<0.30
123478 HxCDF	pg/L	0.2	0.2	<0.20	<0.20
123678 HxCDF	pg/L	0.2	0.2	0.44	<0.20
123789 HxCDF	pg/L	0.3	0.4	<0.30	<0.40
234678 HxCDF	pg/L	0.3	0.3	<0.30	<0.30
1234678 HpCDF	pg/L	0.3	0.4	4.5	8.6
1234789 HpCDF	pg/L	0.5	0.6	<0.50	2.5
OCDF	pg/L	0.8	1	19	52
Total TCDF	pg/L	0.3	0.3	1.1	0.94
Total PeCDF	pg/L	0.5	0.5	<0.50	0.83
Total HxCDF	pg/L	0.3	0.4	2.7	5.1

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2'nd Quarter Sampling	June 14, 2006			SEWPCC	
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab
Total HpCDF	pg/L	0.5	0.6	<0.50	11
Total PCDFs	pg/L	0.4	0.4	22	70
Total TEQ (ND=0) (WHO Calc)	pg/L			0.26	0.49
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			0.93	1.2
Total TEQ (ND=DL) (WHO Calc)	pg/L			1.6	1.8
13C12 2378 TeCDD	%			67	35
13C12 12378 PeCDD	%			63	37
13C12 123478 HxCDD	%			75	40
13C12 123678 HxCDD	%			88	48
13C12 1234678 HpCDD	%			76	39
13C12 OCDD	%			67	32
13C12 2378 TeCDF	%			63	35
13C12 12378 PeCDF	%			68	36
13C12 23478 PeCDF	%			66	40
13C12 123478 HxCDF	%			75	40
13C12 123678 HxCDF	%			81	43
13C12 234678 HxCDF	%			80	43
13C12 123789 HxCDF	%			77	38
13C12 1234678 HpCDF	%			76	38
13C12 1234789 HpCDF	%			74	37
EPA 8270 Extractables					
1-Chloronaphthalene	ug/L	40	0.4	<40	<0.4
1-Methylnaphthalene	ug/L	40	0.4	<40	<0.4
1,2-Dichlorobenzene	ug/L	40	0.4	<40	<0.4
1,2,3-Trichlorobenzene	ug/L	40	0.4	<40	<0.4
1,2,4-Trichlorobenzene	ug/L	40	0.4	<40	<0.4
1,3-Dichlorobenzene	ug/L	40	0.4	<40	<0.4
1,4-Dichlorobenzene	ug/L	40	0.4	<40	0.8
2-Chloronaphthalene	ug/L	40	0.4	<40	<0.4
2-Chlorophenol	ug/L	30	0.3	<30	<0.3
2-Methylnaphthalene	ug/L	40	0.4	<40	<0.4
2-Methylphenol	ug/L	50	0.5	<50	<0.5
2-Nitrophenol	ug/L	50	0.5	<50	<0.5
2,3,4-Trichlorophenol	ug/L	50	0.5	<50	<0.5
2,3,4,5-Tetrachlorophenol	ug/L	50	0.5	<50	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	50	0.5	<50	<0.5
2,3,5-Trichlorophenol	ug/L	50	0.5	<50	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	50	0.5	<50	<0.5
2,4-Dichlorophenol	ug/L	50	0.5	<50	<0.5
2,4-Dimethylphenol	ug/L	50	0.5	<50	<0.5
2,4-Dinitrophenol	ug/L	100	1	<100	<1
2,4-Dinitrotoluene	ug/L	40	0.4	<40	<0.4
2,4,5-Trichlorophenol	ug/L	50	0.5	<50	<0.5
2,4,6-Trichlorophenol	ug/L	50	0.5	<50	<0.5

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	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab
2,6-Dichlorophenol	ug/L	50	0.5	<50	<0.5
2,6-Dinitrotoluene	ug/L	40	0.4	<40	<0.4
3,3'-Dichlorobenzidine	ug/L	40	0.4	<40	<0.4
3&4-Methylphenol	ug/L	50	0.5	120	<0.5
4-Bromophenyl phenyl ether	ug/L	40	0.4	<40	<0.4
4-Chloro-3-methylphenol	ug/L	50	0.5	<50	<0.5
4-Chloroaniline	ug/L	40	0.4	<40	<0.4
4-Chlorophenyl phenyl ether	ug/L	40	0.4	<40	<0.4
4-Nitrophenol	ug/L	50	0.5	<50	<0.5
4,6-Dinitro-2-methylphenol	ug/L	200	2	<200	<2
5-Nitroacenaphthene	ug/L	40	0.4	<40	<0.4
Acenaphthene	ug/L	20	0.2	<20	<0.2
Acenaphthylene	ug/L	20	0.2	<20	<0.2
Anthracene	ug/L	20	0.2	<20	<0.2
Benzo(a)anthracene	ug/L	20	0.2	<20	<0.2
Benzo(a)pyrene	ug/L	1	0.01	<1	<0.01
Benzo(b)fluoranthene	ug/L	20	0.2	<20	<0.2
Benzo(ghi)perylene	ug/L	20	0.2	<20	<0.2
Benzo(k)fluoranthene	ug/L	20	0.2	<20	<0.2
Biphenyl	ug/L	40	0.4	<40	<0.4
Bis(2-chloroethoxy)methane	ug/L	40	0.4	<40	<0.4
Bis(2-chloroethyl)ether	ug/L	40	0.4	<40	<0.4
Bis(2-chloroisopropyl)ether	ug/L	40	0.4	<40	<0.4
Bis(2-ethylhexyl)phthalate	ug/L	200	2	<200	<2
Butylbenzyl phthalate	ug/L	40	0.4	<40	<0.4
Camphene	ug/L	40	0.4	<40	<0.4
Chrysene	ug/L	20	0.2	<20	<0.2
Cresols (total)	ug/L	100	1	100	<1
Di-n-butylphthalate	ug/L	200	2	<200	<2
Di-n-octylphthalate	ug/L	40	0.4	<40	<0.4
Dibenzo(a,h)anthracene	ug/L	20	0.2	<20	<0.2
Diethylphthalate	ug/L	20	0.2	<20	<0.2
Dimethylphthalate	ug/L	20	0.2	<20	<0.2
Diphenyl ether	ug/L	40	0.4	<40	<0.4
Diphenylamine	ug/L	40	0.4	<40	<0.4
Fluoranthene	ug/L	20	0.2	<20	<0.2
Fluorene	ug/L	20	0.2	<20	<0.2
Hexachlorobenzene	ug/L	10	0.1	<10	<0.1
Hexachlorobutadiene	ug/L	20	0.2	<20	<0.2
Hexachlorocyclopentadiene	ug/L	40	0.4	<40	<0.4
Hexachloroethane	ug/L	40	0.4	<40	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	20	0.2	<20	<0.2
Indole	ug/L	40	0.4	60	<0.4
Isophorone	ug/L	40	0.4	<40	<0.4
N-Nitroso-di-n-propylamine	ug/L	40	0.4	<40	<0.4
Naphthalene	ug/L	20	0.2	<20	<0.2
Nitrobenzene	ug/L	40	0.4	<40	<0.4
Pentachlorophenol	ug/L	50	0.5	<50	<0.5

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2'nd Quarter Sampling Parameter	June 14, 2006			SEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Perylene	ug/L	20	0.2	<20	<0.2
Phenanthrene	ug/L	20	0.2	<20	<0.2
Phenol	ug/L	50	0.5	<50	<0.5
Pyrene	ug/L	20	0.2	<20	<0.2
2-Fluorobiphenyl	%			N/A	91
2,4,6-Tribromophenol	%			N/A	84
Nitrobenzene d5	%			N/A	93
p-Terphenyl d14	%			N/A	67
Phenol d5	%			N/A	25
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	5.3	<0.1
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	13	<0.5
Nonylphenol Diethoxylates	ug/L	1.2	1.2	<1	<1
Nonylphenol Triethoxylates	ug/L	2	2	<2	<2
t-Octylphenol	ug/L	0.02	0.02	0.23	0.12
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	0.6	<0.1
t-Octylphenol Diethoxylate	ug/L	0.2	0.2	<0.2	<0.2
t-Octylphenol Triethoxylate	ug/L	0.5	0.5	<0.5	<0.5
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005
Pesticides, Organochlorine					
op-DDT	ug/L	0.1	0.1	<0.1	<0.1
pp-DDD	ug/L	0.1	0.1	<0.1	<0.1
pp-DDE	ug/L	0.1	0.1	<0.1	<0.1
pp-DDT	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor Epoxide	ug/L	0.1	0.1	<0.1	<0.1
a-chlordane	ug/L	0.1	0.1	<0.1	<0.1
g-chlordane	ug/L	0.1	0.1	<0.1	<0.1
Aldrin	ug/L	0.1	0.1	<0.1	<0.1
Dieldrin	ug/L	0.1	0.1	<0.1	<0.1
Lindane	ug/L	0.1	0.1	<0.1	<0.1
Methoxychlor	ug/L	0.1	0.1	<0.1	<0.1
alpha-BHC	ug/L	0.1	0.1	<0.1	<0.1
beta-BHC	ug/L	0.1	0.1	<0.1	<0.1

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	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
delta-BHC	ug/L	0.1	0.1	<0.1	<0.1
Oxychlorane	ug/L	0.1	0.1	<0.1	<0.1
Endrin	ug/L	0.1	0.1	<0.1	<0.1
beta-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
alpha-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
o,p-DDE	ug/L	0.1	0.1	<0.1	<0.1
Endrin Aldehyde	ug/L	0.1	0.1	<0.1	<0.1
Endosulfan Sulfate	ug/L	0.1	0.1	<0.1	<0.1
Mirex	ug/L	0.1	0.1	<0.1	<0.1
op-DDD	ug/L	0.1	0.1	<0.1	<0.1
2-Fluorobiphenyl	%			77	79
d14-Terphenyl	%			82	57
Phenoxyacid Herbicides by GC/MS					
2,4,5-TP	ug/L	0.5	0.5	<0.5	<0.5
MCPA	ug/L	0.5	0.5	<0.5	<0.5
2,4,5-T	ug/L	0.5	0.5	<0.5	<0.5
2,4-D	ug/L	0.5	0.5	<0.5	0.5
Bromoxynil	ug/L	0.5	0.5	<0.5	<0.5
Dicamba	ug/L	0.5	0.5	<0.5	<0.5
Dinoseb	ug/L	5	0.5	<5	<0.5
Picloram	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dichlorophenylacetic Acid	%			82	90
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.0005	<0.0005
Dinitropyrene	mg/L	0.02	0.02	<0.02	<0.02
2-Fluorobiphenyl	%			78	70
p-Terphenyl d14	%			70	76
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,1-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dibromoethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloropropane	ug/L	0.5	0.5	<0.5	<0.5
1,3-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,4-Dichlorobenzene	ug/L	0.5	0.5	1.9	1.2
2-Chloroethylvinyl Ether	ug/L	20	20	<20	<20
2-Hexanone	ug/L	20	20	<20	<20
Acetone	ug/L	20	20	40	<20
Benzene	ug/L	0.5	0.5	<0.5	<0.5

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2'nd Quarter Sampling	June 14, 2006			SEWPCC	
Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Bromodichloromethane	ug/L	0.5	0.5	<0.5	<0.5
Bromoform	ug/L	0.5	0.5	<0.5	<0.5
Bromomethane	ug/L	1	1	<1	<1
Carbon Disulfide	ug/L	0.5	0.5	<0.5	<0.5
Carbon tetrachloride	ug/L	0.5	0.5	<0.5	<0.5
Chlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
Chloroethane	ug/L	1	1	<1	<1
Chloroform	ug/L	0.5	0.5	12.9	8.7
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
cis-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Dibromochloromethane	ug/L	0.5	0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/L	1	1	<1	<1
Dichloromethane	ug/L	0.5	0.5	0.8	1.1
Ethyl Benzene	ug/L	0.5	0.5	<0.5	<0.5
m+p-Xylenes	ug/L	1	1	1	<1
Methyl Ethyl Ketone	ug/L	20	20	<20	<20
Methyl Isobutyl Ketone	ug/L	20	20	<20	<20
MTBE	ug/L	0.5	0.5	<0.5	<0.5
o-Xylene	ug/L	0.5	0.5	<0.5	<0.5
Styrene	ug/L	0.5	0.5	<0.5	<0.5
Tetrachloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Toluene	ug/L	0.5	0.5	6.5	<0.5
trans-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Trichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Trichlorofluoromethane	ug/L	1	1	<1	<1
Trihalomethanes (total)	ug/L	2	2	12.9	8.7
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5
1,2-Dichloroethane d4	%			115	99
Toluene-d8	%			103	100
4-Bromofluorobenzene	%			103	101

NOTES:

MDL- Method Detection Limit

mg/L- milligrams/Litre

ug/L- micrograms/Litre

ng/L- nanograms/Litre

pg/L- picograms/Litre

<- less than

NA- not analyzed

** Total Metals were analyzed in-house on biweekly composite samples, and the reported results are quarterly averages. All other parameters were analyzed by contract laboratory.*

This report was revised February 17, 2010 to include Total Metals data.

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3'rd Quarter Sampling Parameter	September 14, 2006			SEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Miscellaneous					
Chromium, Hexavalent	mg/L	0.001	0.001	<0.001	<0.001
Mercury (Hg)-Total	ng/L	0.5	0.5	190	28
Toxaphene	mg/L	0.001	0.001	<0.001	<0.001
Phenols (4AAP)	mg/L	0.001	0.001	0.069	0.022
Tributyltin	ug/L	0.05	0.05	<0.05	<0.05
Tetraethyl Lead	ug/L	0.05	0.05	<0.05	<0.05
Total Oil and Grease	mg/L	1	1	85	19
Trout Bioassay	Pass/Fail			NA	Fail
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.002	0.001
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.008	0.004
Copper, Total	mg/L	0.001	0.001	0.192	0.033
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.012	0.009
Lead, Total	mg/L	0.001	0.001	0.005	0.003
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.142	0.068
Dioxins and Furans					
2378 TeCDD	pg/L	0.3	0.2	<0.30	<0.20
12378 PeCDD	pg/L	0.2	0.2	<0.20	<0.20
123478 HxCDD	pg/L	0.2	0.2	<0.20	<0.20
123678 HxCDD	pg/L	0.2	0.2	<0.20	<0.20
123789 HxCDD	pg/L	0.2	0.2	<0.20	2.1
1234678 HpCDD	pg/L	0.3	0.3	8.5	6.5
OCDD	pg/L	0.5	0.5	77	40
Total TCDD	pg/L	0.3	0.2	<0.30	<0.20
Total PeCDD	pg/L	0.2	0.2	<0.20	<0.20
Total HxCDD	pg/L	0.2	0.2	<0.20	<0.20
Total HpCDD	pg/L	0.3	0.3	16	11
Total PCDDs	pg/L	0.5	0.5	94	51
2378 TeCDF	pg/L	0.1	0.1	<0.10	0.13
12378 PeCDF	pg/L	0.2	0.2	<0.20	<0.20
23478 PeCDF	pg/L	0.1	0.1	<0.10	<0.10
123478 HxCDF	pg/L	0.3	0.3	<0.30	<0.30
123678 HxCDF	pg/L	0.3	0.3	<0.30	1.3
123789 HxCDF	pg/L	0.2	0.2	<0.20	<0.20
234678 HxCDF	pg/L	0.1	0.1	<0.10	<0.10
1234678 HpCDF	pg/L	0.2	0.2	3.6	<0.20
1234789 HpCDF	pg/L	0.3	0.3	<0.30	<0.30
OCDF	pg/L	0.7	0.7	<0.70	9.2
Total TCDF	pg/L	0.1	0.1	<0.10	0.27
Total PeCDF	pg/L	0.2	0.2	<0.20	<0.20

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3'rd Quarter Sampling	September 14, 2006			SEWPCC	
Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Total HxCDF	pg/L	0.3	0.3	<0.30	<0.30
Total HpCDF	pg/L	0.3	0.3	4.2	<0.30
Total PCDFs	pg/L	0.7	0.7	4.2	9.5
Total TEQ (ND=0) (WHO Calc)	pg/L			0.13	0.44
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			0.49	0.72
Total TEQ (ND=DL) (WHO Calc)	pg/L			0.85	1
13C12 2378 TeCDD	%			67	62
13C12 12378 PeCDD	%			51	39
13C12 123478 HxCDD	%			75	67
13C12 123678 HxCDD	%			93	90
13C12 1234678 HpCDD	%			66	55
13C12 OCDD	%			40	37
13C12 2378 TeCDF	%			85	78
13C12 12378 PeCDF	%			74	61
13C12 23478 PeCDF	%			74	56
13C12 123478 HxCDF	%			79	77
13C12 123678 HxCDF	%			88	92
13C12 234678 HxCDF	%			80	80
13C12 123789 HxCDF	%			57	60
13C12 1234678 HpCDF	%			81	72
13C12 1234789 HpCDF	%			54	50
EPA 8270 Extractables					
1-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
1-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
1,2-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2,3-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2,4-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,3-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
1,4-Dichlorobenzene	ug/L	4	0.4	<4	0.7
2-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
2-Chlorophenol	ug/L	3	0.3	<3	<0.3
2-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
2-Methylphenol	ug/L	5	0.5	<5	<0.5
2-Nitrophenol	ug/L	5	0.5	<5	<0.5
2,3,4-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4,5-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dimethylphenol	ug/L	5	0.5	<5	<0.5
2,4-Dinitrophenol	ug/L	10	1	<10	<1
2,4-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
2,4,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4,6-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,6-Dichlorophenol	ug/L	5	0.5	<5	<0.5

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	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab
2,6-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
3,3'-Dichlorobenzidine	ug/L	4	0.4	<4	<0.4
3&4-Methylphenol	ug/L	5	0.5	156	7.7
4-Bromophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Chloro-3-methylphenol	ug/L	5	0.5	<5	<0.5
4-Chloroaniline	ug/L	4	0.4	<4	<0.4
4-Chlorophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Nitrophenol	ug/L	5	0.5	<5	<0.5
4,6-Dinitro-2-methylphenol	ug/L	20	2	<20	<2
5-Nitroacenaphthene	ug/L	4	0.4	<4	<0.4
Acenaphthene	ug/L	2	0.2	<2	<0.2
Acenaphthylene	ug/L	2	0.2	<2	<0.2
Anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)pyrene	ug/L	0.1	0.01	<0.1	<0.01
Benzo(b)fluoranthene	ug/L	2	0.2	<2	<0.2
Benzo(ghi)perylene	ug/L	2	0.2	<2	<0.2
Benzo(k)fluoranthene	ug/L	2	0.2	<2	<0.2
Biphenyl	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethoxy)methane	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-chloroisopropyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-ethylhexyl)phthalate	ug/L	20	2	<20	3
Butylbenzyl phthalate	ug/L	4	0.4	<4	<0.4
Camphene	ug/L	4	0.4	<4	<0.4
Chrysene	ug/L	2	0.2	<2	<0.2
Cresols (total)	ug/L	10	1	160	8
Di-n-butylphthalate	ug/L	20	2	<20	<2
Di-n-octylphthalate	ug/L	4	0.4	<4	<0.4
Dibenzo(a,h)anthracene	ug/L	2	0.2	<2	<0.2
Diethylphthalate	ug/L	2	0.2	6	1.8
Dimethylphthalate	ug/L	2	0.2	<2	<0.2
Diphenyl ether	ug/L	4	0.4	<4	<0.4
Diphenylamine	ug/L	4	0.4	<4	<0.4
Fluoranthene	ug/L	2	0.2	<2	<0.2
Fluorene	ug/L	2	0.2	<2	<0.2
Hexachlorobenzene	ug/L	1	0.1	<1	<0.1
Hexachlorobutadiene	ug/L	2	0.2	<2	<0.2
Hexachlorocyclopentadiene	ug/L	4	0.4	<4	<0.4
Hexachloroethane	ug/L	4	0.4	<4	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	2	0.2	<2	<0.2
Indole	ug/L	4	0.4	141	59.9
Isophorone	ug/L	4	0.4	<4	<0.4
N-Nitroso-di-n-propylamine	ug/L	4	0.4	<4	<0.4
Naphthalene	ug/L	2	0.2	<2	<0.2
Nitrobenzene	ug/L	4	0.4	<4	<0.4
Pentachlorophenol	ug/L	5	0.5	<5	<0.5

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	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Perylene	ug/L	2	0.2	<2	<0.2
Phenanthrene	ug/L	2	0.2	<2	<0.2
Phenol	ug/L	5	0.5	37	7.4
Pyrene	ug/L	2	0.2	<2	<0.2
2-Fluorobiphenyl	%			362	74
2,4,6-Tribromophenol	%			108	102
Nitrobenzene d5	%			73	80
p-Terphenyl d14	%			50	49
Phenol d5	%			0	36
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	4.6	3.7
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	11.9	8.9
Nonylphenol Diethoxylates	ug/L	1.2	1.2	<1	<1
Nonylphenol Triethoxylates	ug/L	2	2	<2	<2
t-Octylphenol	ug/L	0.02	0.02	0.18	0.2
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	0.4	0.5
t-Octylphenol Diethoxylate	ug/L	0.2	0.2	<0.2	<0.2
t-Octylphenol Triethoxylate	ug/L	0.5	0.5	<0.5	<0.5
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005
Pesticides, Organochlorine					
op-DDT	ug/L	10	10	<10	<10
pp-DDD	ug/L	10	10	<10	<10
pp-DDE	ug/L	10	10	<10	<10
pp-DDT	ug/L	10	10	<10	<10
Heptachlor	ug/L	10	10	<10	<10
Heptachlor Epoxide	ug/L	10	10	<10	<10
a-chlordane	ug/L	10	10	<10	<10
g-chlordane	ug/L	10	10	<10	<10
Aldrin	ug/L	10	10	<10	<10
Dieldrin	ug/L	10	10	<10	<10
Lindane	ug/L	10	10	<10	<10
Methoxychlor	ug/L	10	10	<10	<10
alpha-BHC	ug/L	10	10	<10	<10
beta-BHC	ug/L	10	10	<10	<10
delta-BHC	ug/L	10	10	<10	<10

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	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Oxychlorthane	ug/L	10	10	<10	<10
Endrin	ug/L	10	10	<10	<10
beta-Endosulfan	ug/L	10	10	<10	<10
alpha-Endosulfan	ug/L	10	10	<10	<10
o,p-DDE	ug/L	10	10	<10	<10
Endrin Aldehyde	ug/L	10	10	<10	<10
Endosulfan Sulfate	ug/L	10	10	<10	<10
Mirex	ug/L	10	10	<10	<10
op-DDD	ug/L	10	10	<10	<10
2-Fluorobiphenyl	%			N/A	N/A
	%			N/A	N/A
Phenoxyacid Herbicides by GC/MS					
2,4,5-TP	ug/L	0.5	0.5	<0.5	<0.5
MCPA	ug/L	0.5	0.5	<0.5	<0.5
2,4,5-T	ug/L	0.5	0.5	<0.5	<0.5
2,4-D	ug/L	0.5	0.5	<0.5	<0.5
Bromoxynil	ug/L	0.5	0.5	<0.5	<0.5
Dicamba	ug/L	0.5	0.5	<0.5	<0.5
Dinoseb	ug/L	0.5	0.5	<0.5	<0.5
Picloram	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dichlorophenylacetic Acid	%			95	80
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.0005	<0.0005
Dinitropyrene	mg/L	0.02	0.02	<0.02	<0.02
2-Fluorobiphenyl	%			103	99
p-Terphenyl d14	%			78	88
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,1-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dibromoethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloropropane	ug/L	0.5	0.5	<0.5	<0.5
1,3-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,4-Dichlorobenzene	ug/L	0.5	0.5	1	1.5
2-Chloroethylvinyl Ether	ug/L	20	20	<20	<20
2-Hexanone	ug/L	20	20	<20	<20
Acetone	ug/L	20	20	60	120
Benzene	ug/L	0.5	0.5	<0.5	<0.5
Bromodichloromethane	ug/L	0.5	0.5	<0.5	<0.5

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3'rd Quarter Sampling Parameter	September 14, 2006			SEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Bromoform	ug/L	0.5	0.5	<0.5	<0.5
Bromomethane	ug/L	1	1	<1	<1
Carbon Disulfide	ug/L	0.5	0.5	1.9	4.8
Carbon tetrachloride	ug/L	0.5	0.5	<0.5	<0.5
Chlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
Chloroethane	ug/L	1	1	<1	<1
Chloroform	ug/L	0.5	0.5	12.7	10.4
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
cis-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Dibromochloromethane	ug/L	0.5	0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/L	1	1	<1	<1
Dichloromethane	ug/L	0.5	0.5	1.7	2.1
Ethyl Benzene	ug/L	0.5	0.5	<0.5	<0.5
m+p-Xylenes	ug/L	1	1	<1	<1
Methyl Ethyl Ketone	ug/L	20	20	<20	<20
Methyl Isobutyl Ketone	ug/L	20	20	<20	<20
MTBE	ug/L	0.5	0.5	<0.5	<0.5
o-Xylene	ug/L	0.5	0.5	<0.5	<0.5
Styrene	ug/L	0.5	0.5	<0.5	<0.5
Tetrachloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Toluene	ug/L	0.5	0.5	9.3	5.2
trans-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Trichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Trichlorofluoromethane	ug/L	1	1	<1	<1
Trihalomethanes (total)	ug/L	2	2	12.7	10.4
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5
1,2-Dichloroethane d4	%			105	104
Toluene-d8	%			105	104
4-Bromofluorobenzene	%			100	101

NOTES:

MDL- Method Detection Limit
 mg/L- milligrams/Litre
 ug/L- micrograms/Litre
 ng/L- nanograms/Litre
 pg/L- picograms/Litre
 <- less than
 NA- not analyzed

** Total Metals were analyzed in-house on biweekly composite samples, and the reported results are quarterly averages. All other parameters were analyzed by contract laboratory.*

This report was revised February 17, 2010 to include Total Metals data.

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4'th Quarter Sampling Parameter	December 7, 2006			SEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Miscellaneous					
Chromium, Hexavalent	mg/L	0.001	0.001	<0.001	<0.001
Mercury (Hg)-Total	ng/L	0.5	0.5	68	11
Toxaphene	mg/L	0.001	0.001	<0.001	<0.001
Phenols (4AAP)	mg/L	0.001	0.001	0.074	0.006
Tributyltin	ug/L	0.05	0.05	<0.05	<0.05
TetraEthyl Lead	ug/L	0.05	0.05	<0.05	<0.05
Total Oil and Grease	mg/L	1	1	70	<1
Trout Bioassay	Pass/Fail			NA	Fail
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.002	0.001
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.011	0.002
Copper, Total	mg/L	0.001	0.001	0.216	0.036
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.014	0.010
Lead, Total	mg/L	0.001	0.001	0.006	0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.153	0.065
Dioxins and Furans					
2378 TeCDD	pg/L	0.2	0.1	<0.20	<0.10
12378 PeCDD	pg/L	0.2	0.1	<0.20	<0.10
123478 HxCDD	pg/L	0.2	0.1	<0.20	3.3
123678 HxCDD	pg/L	0.2	0.1	<0.20	2.1
123789 HxCDD	pg/L	0.2	0.1	<0.20	1.5
1234678 HpCDD	pg/L	0.2	0.1	13	3.8
OCDD	pg/L	0.4	0.1	130	8.7
Total TCDD	pg/L	0.2	0.1	<0.20	8.1
Total PeCDD	pg/L	0.2	0.1	<0.20	<0.10
Total HxCDD	pg/L	0.2	0.1	<0.20	5.5
Total HpCDD	pg/L	0.2	0.1	25	3.8
Total PCDDs	pg/L	0.4	0.1	150	26
2378 TeCDF	pg/L	0.2	0.1	<0.20	<0.10
12378 PeCDF	pg/L	0.3	0.1	<0.30	<0.10
23478 PeCDF	pg/L	0.2	0.1	<0.20	<0.10
123478 HxCDF	pg/L	0.1	0.1	<0.10	<0.10
123678 HxCDF	pg/L	0.1	0.1	1.1	<0.10
123789 HxCDF	pg/L	0.1	0.1	<0.10	<0.10
234678 HxCDF	pg/L	0.1	0.1	1.4	0.48
1234678 HpCDF	pg/L	0.2	0.1	3.5	0.96
1234789 HpCDF	pg/L	0.2	0.1	<0.20	<0.10
OCDF	pg/L	0.4	0.2	14	3.7
Total TCDF	pg/L	0.2	0.1	<0.20	5.5
Total PeCDF	pg/L	0.3	0.1	<0.30	<0.10
Total HxCDF	pg/L	0.1	0.1	1.4	0.49
Total HpCDF	pg/L	0.2	0.1	3.5	0.96
Total PCDFs	pg/L	0.4	0.2	19	11

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4'th Quarter Sampling	December 7, 2006			SEWPCC		
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Total TEQ (ND=0) (WHO Calc)	pg/L				0.45	0.79
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L				0.75	0.94
Total TEQ (ND=DL) (WHO Calc)	pg/L				1.1	1.1
13C12 2378 TeCDD	%				61	80
13C12 12378 PeCDD	%				54	81
13C12 123478 HxCDD	%				56	73
13C12 123678 HxCDD	%				58	79
13C12 1234678 HpCDD	%				47	66
13C12 OCDD	%				43	59
13C12 2378 TeCDF	%				61	84
13C12 12378 PeCDF	%				51	77
13C12 23478 PeCDF	%				52	78
13C12 123478 HxCDF	%				51	71
13C12 123678 HxCDF	%				53	74
13C12 234678 HxCDF	%				54	80
13C12 123789 HxCDF	%				59	87
13C12 1234678 HpCDF	%				51	69
13C12 1234789 HpCDF	%				48	67
37C14 2378 TeCDD	%				66	75
EPA 8270 Extractables						
1-Chloronaphthalene	ug/L	4	0.4		<4	<0.4
1-Methylnaphthalene	ug/L	4	0.4		<4	<0.4
1,2-Dichlorobenzene	ug/L	4	0.4		<4	<0.4
1,2,3-Trichlorobenzene	ug/L	4	0.4		<4	<0.4
1,2,4-Trichlorobenzene	ug/L	4	0.4		<4	<0.4
1,3-Dichlorobenzene	ug/L	4	0.4		<4	<0.4
1,4-Dichlorobenzene	ug/L	4	0.4		<4	0.5
2-Chloronaphthalene	ug/L	4	0.4		<4	<0.4
2-Chlorophenol	ug/L	3	0.3		<3	<0.3
2-Methylnaphthalene	ug/L	4	0.4		<4	<0.4
2-Methylphenol	ug/L	5	0.5		<5	<0.5
2-Nitrophenol	ug/L	5	0.5		<5	<0.5
2,3,4-Trichlorophenol	ug/L	5	0.5		<5	<0.5
2,3,4,5-Tetrachlorophenol	ug/L	5	0.5		<5	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	5	0.5		<5	<0.5
2,3,5-Trichlorophenol	ug/L	5	0.5		<5	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	5	0.5		<5	<0.5
2,4-Dichlorophenol	ug/L	5	0.5		<5	<0.5
2,4-Dimethylphenol	ug/L	5	0.5		<5	<0.5
2,4-Dinitrophenol	ug/L	10	1		<10	<1
2,4-Dinitrotoluene	ug/L	4	0.4		<4	<0.4
2,4,5-Trichlorophenol	ug/L	5	0.5		<5	<0.5
2,4,6-Trichlorophenol	ug/L	5	0.5		<5	<0.5
2,6-Dichlorophenol	ug/L	5	0.5		<5	<0.5
2,6-Dinitrotoluene	ug/L	4	0.4		<4	<0.4
3,3'-Dichlorobenzidine	ug/L	4	0.4		<4	<0.4
3&4-Methylphenol	ug/L	5	0.5		113	<0.5

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4'th Quarter Sampling	December 7, 2006			SEWPCC	
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab
4-Bromophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Chloro-3-methylphenol	ug/L	5	0.5	<5	<0.5
4-Chloroaniline	ug/L	4	0.4	<4	<0.4
4-Chlorophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Nitrophenol	ug/L	5	0.5	<5	<0.5
4,6-Dinitro-2-methylphenol	ug/L	20	2	<20	<2
5-Nitroacenaphthene	ug/L	4	0.4	<4	<0.4
Acenaphthene	ug/L	2	0.2	<2	<0.2
Acenaphthylene	ug/L	2	0.2	<2	<0.2
Anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)pyrene	ug/L	0.1	0.01	<0.1	<0.01
Benzo(b)fluoranthene	ug/L	2	0.2	<2	<0.2
Benzo(ghi)perylene	ug/L	2	0.2	<2	<0.2
Benzo(k)fluoranthene	ug/L	2	0.2	<2	<0.2
Biphenyl	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethoxy)methane	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-chloroisopropyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-ethylhexyl)phthalate	ug/L	20	2	50	<2
Butylbenzyl phthalate	ug/L	4	0.4	5	<0.4
Camphene	ug/L	4	0.4	<4	<0.4
Chrysene	ug/L	2	0.2	<2	<0.2
Cresols (total)	ug/L	10	1	110	<1
Di-n-butylphthalate	ug/L	20	2	<20	<2
Di-n-octylphthalate	ug/L	4	0.4	<4	<0.4
Dibenzo(a,h)anthracene	ug/L	2	0.2	<2	<0.2
Diethylphthalate	ug/L	2	0.2	6	<0.2
Dimethylphthalate	ug/L	2	0.2	<2	<0.2
Diphenyl ether	ug/L	4	0.4	<4	<0.4
Diphenylamine	ug/L	4	0.4	<4	<0.4
Fluoranthene	ug/L	2	0.2	<2	<0.2
Fluorene	ug/L	2	0.2	<2	<0.2
Hexachlorobenzene	ug/L	0.4	0.04	<0.4	<0.04
Hexachlorobutadiene	ug/L	2	0.2	<2	<0.2
Hexachlorocyclopentadiene	ug/L	4	0.4	<4	<0.4
Hexachloroethane	ug/L	4	0.4	<4	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	2	0.2	<2	<0.2
Indole	ug/L	4	0.4	104	<0.4
Isophorone	ug/L	4	0.4	<4	<0.4
N-Nitroso-di-n-propylamine	ug/L	4	0.4	<4	<0.4
Naphthalene	ug/L	2	0.2	<2	<0.2
Nitrobenzene	ug/L	4	0.4	<4	<0.4
Pentachlorophenol	ug/L	5	0.5	<5	<0.5
Perylene	ug/L	2	0.2	<2	<0.2
Phenanthrene	ug/L	2	0.2	<2	<0.2
Phenol	ug/L	5	0.5	33	<0.5
Pyrene	ug/L	2	0.2	<2	<0.2

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4'th Quarter Sampling Parameter	December 7, 2006			SEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
2-Fluorobiphenyl	%			73	81
2,4,6-Tribromophenol	%			91	94
Nitrobenzene d5	%			79	97
p-Terphenyl d14	%			68	65
Phenol d5	%			24	24
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	5.9	1.9
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	12.9	<0.5
Nonylphenol Diethoxylates	ug/L	1.2	1.2	8	<1
Nonylphenol Triethoxylates	ug/L	2	2	47	2
t-Octylphenol	ug/L	0.02	0.02	0.15	0.21
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	0.2	0.2
t-Octylphenol Diethoxylate	ug/L	0.2	0.2	0.9	1
t-Octylphenol Triethoxylate	ug/L	0.5	0.5	2.6	2.3
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005
Pesticides, Organochlorine					
Aldrin	ug/L	1	0.1	<1	<0.1
a-chlordane	ug/L	1	0.1	<1	<0.1
g-chlordane	ug/L	1	0.1	<1	<0.1
alpha-BHC	ug/L	1	0.1	<1	<0.1
beta-BHC	ug/L	1	0.1	<1	<0.1
delta-BHC	ug/L	1	0.1	<1	<0.1
o,p-DDD	ug/L	1	0.1	<1	<0.1
pp-DDD	ug/L	1	0.1	<1	<0.1
o,p-DDE	ug/L	2	0.1	<2	<0.1
pp-DDE	ug/L	1	0.1	<1	<0.1
op-DDT	ug/L	1	0.1	<1	<0.1
pp-DDT	ug/L	1	0.1	<1	<0.1
Dieldrin	ug/L	1	0.1	<1	<0.1
alpha-Endosulfan	ug/L	12	0.1	<12	<0.1
beta-Endosulfan	ug/L	1	0.1	<1	<0.1
Endosulfan Sulfate	ug/L	1	0.1	<1	<0.1
Endrin	ug/L	1	0.1	<1	<0.1
Endrin Aldehyde	ug/L	1	0.1	<1	<0.1
Heptachlor	ug/L	1	0.1	<1	<0.1

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4'th Quarter Sampling Parameter	December 7, 2006			SEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Heptachlor Epoxide	ug/L	1	0.1	<1	<0.1
Lindane	ug/L	1	0.1	<1	<0.1
Methoxychlor	ug/L	1	0.1	<1	<0.1
Mirex	ug/L	1	0.1	<1	<0.1
Oxychlorane	ug/L	1	0.1	<1	<0.1
2-Fluorobiphenyl	%			64	64
d14-Terphenyl	%			36	58
Phenoxyacid Herbicides by GC/MS					
2,4,5-TP	ug/L	0.5	0.5	<0.5	<0.5
MCPA	ug/L	0.5	0.5	<0.5	<0.5
2,4,5-T	ug/L	0.5	0.5	<0.5	<0.5
2,4-D	ug/L	0.5	0.5	<0.5	<0.5
Bromoxynil	ug/L	0.5	0.5	<0.5	<0.5
Dicamba	ug/L	0.5	0.5	<0.5	<0.5
Dinoseb	ug/L	0.5	0.5	<0.5	<0.5
Picloram	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dichlorophenylacetic Acid	%			78	62
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.0005	<0.0005
Dinitropyrene	mg/L	0.02	0.02	<0.02	<0.02
2-Fluorobiphenyl	%			128	75
p-Terphenyl d14	%			111	85
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,1-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dibromoethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloropropane	ug/L	0.5	0.5	<0.5	<0.5
1,3-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,4-Dichlorobenzene	ug/L	0.5	0.5	1.2	1
2-Chloroethylvinyl Ether	ug/L	20	20	<20	<20
2-Hexanone	ug/L	20	20	<20	<20
Acetone	ug/L	20	20	50	<20
Benzene	ug/L	0.5	0.5	<0.5	<0.5
Bromodichloromethane	ug/L	0.5	0.5	<0.5	<0.5
Bromoform	ug/L	0.5	0.5	<0.5	<0.5
Bromomethane	ug/L	1	1	<1	<1
Carbon Disulfide	ug/L	0.5	0.5	6.8	2
Carbon tetrachloride	ug/L	0.5	0.5	<0.5	<0.5

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4'th Quarter Sampling	December 7, 2006			SEWPCC	
Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Chlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
Chloroethane	ug/L	1	1	<1	<1
Chloroform	ug/L	0.5	0.5	16.9	12.2
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
cis-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Dibromochloromethane	ug/L	0.5	0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/L	1	1	<1	<1
Dichloromethane	ug/L	0.5	0.5	1	1.1
Ethyl Benzene	ug/L	0.5	0.5	<0.5	<0.5
m+p-Xylenes	ug/L	1	1	<1	<1
Methyl Ethyl Ketone	ug/L	20	20	<20	<20
Methyl Isobutyl Ketone	ug/L	20	20	<20	<20
MTBE	ug/L	0.5	0.5	<0.5	<0.5
o-Xylene	ug/L	0.5	0.5	<0.5	<0.5
Styrene	ug/L	0.5	0.5	<0.5	<0.5
Tetrachloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Toluene	ug/L	0.5	0.5	9.8	<0.5
trans-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Trichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Trichlorofluoromethane	ug/L	1	1	<1	<1
Trihalomethanes (total)	ug/L	2	2	16.9	12.2
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5
1,2-Dichloroethane d4	%			110	111
Toluene-d8	%			105	104
4-Bromofluorobenzene	%			101	103

NOTES:

MDL- Method Detection Limit

mg/L- milligrams/Litre

mg/L- micrograms/Litre

ng/L- nanograms/Litre

pg/L- picograms/Litre

<- less than

NA- not analyzed

** Total Metals were analyzed in-house on biweekly composite samples, and the reported results are quarterly averages. All other parameters were analyzed by contract laboratory.*

This report was revised February 17, 2010 to include Total Metals data.