City Of Winnipeg
Water Waste Department

West End Water Pollution Control Centre Quarterly Monitoring Report

1'st Quarter Sampling	February 4, 2009			WEWPCC	
Parameter	**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	1	1	74	4
Toxaphene	mg/L	0.0001	0.0001	<0.0001	<0.0001
Phenols (4AAP)	mg/L	0.001	0.001	0.082	0.005
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	29	<1
Trout Bioassay	Pass/Fail			NA	Pass
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	0.006
Copper, Total	mg/L	0.001	0.001	0.133	0.015
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.006	0.004
Lead, Total	mg/L	0.001	0.001	0.003	<0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.096	0.066
Dioxins and Furans					
2378 TeCDD	pg/L	2.0	1.0	<2.0	<1.0
12378 PeCDD	pg/L	0.5	0.5	<0.5	<0.5
123478 HxCDD	pg/L	0.4	0.5	<0.4	<0.5
123678 HxCDD	pg/L	0.4	0.5	<0.4	<0.5
123789 HxCDD	pg/L	0.4	0.4	<0.4	<0.4
1234678 HpCDD	pg/L	0.9	0.7	4.2	1.7
OCDD	pg/L	1	0.9	37	8.5
Total TCDD	pg/L	2	1	<2	<1
Total PeCDD	pg/L	0.5	0.5	<0.5	<0.5
Total HxCDD	pg/L	0.4	0.5	<0.4	<0.5
Total HpCDD	pg/L	0.9	0.7	4.4	0.7
Total PCDDs	pg/L	2	1	41	8.5
2378 TeCDF	pg/L	1	0.7	<1	<0.7
12378 PeCDF	pg/L	0.6	0.5	<0.6	<0.5
23478 PeCDF	pg/L	0.5	0.4	<0.5	<0.4
123478 HxCDF	pg/L	0.2	0.3	<0.2	<0.3
123678 HxCDF	pg/L	0.2	0.3	<0.2	<0.3
123789 HxCDF	pg/L	0.3	0.4	<0.3	<0.4
234678 HxCDF	pg/L	0.2	0.3	<0.2	<0.3
1234678 HpCDF	pg/L	0.5	0.6	<0.5	<0.6
1234789 HpCDF	pg/L	0.7	0.8	<0.7	<0.8
OCDF	pg/L	0.9	1	<0.9	<1
Total TCDF	pg/L	1	0.7	<1	<0.7
Total PeCDF	pg/L	0.6	0.5	<0.6	<0.5
Total HxCDF	pg/L	0.3	0.4	<0.3	<0.4
Total HpCDF	pg/L	0.7	0.8	<0.7	<0.8
Total PCDFs	pg/L	1	1	<1	<1
Total TEQ (ND=0) (WHO Calc)	pg/L			0.05	0.02
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			1.55	1.01

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Total TEQ (ND=DL) (WHO Calc)	pg/L			3.04	2.01
13C12 2378 TeCDD	%			22	34
13C12 12378 PeCDD	%			38	45
13C12 123478 HxCDD	%			43	45
13C12 123678 HxCDD	%			43	46
13C12 1234678 HpCDD	%			52	41
13C12 OCDD	%			48	34
13C12 2378 TeCDF	%			20	33
13C12 12378 PeCDF	%			42	45
13C12 23478 PeCDF	%			37	45
13C12 123478 HxCDF	%			43	42
13C12 123678 HxCDF	%			46	45
13C12 234678 HxCDF	%			50	46
13C12 123789 HxCDF	%			46	42
13C12 1234678 HpCDF	%			48	38
13C12 1234789 HpCDF	%			49	39
37C14 2378 TeCDD	%			20	36
EPA 8270 Extractables					
1,2,3-Trichlorobenzene	ug/L	0.4	0.4	<0.4	<0.4
1,2,4-Trichlorobenzene	ug/L	0.4	0.4	<0.4	<0.4
1,2-Dichlorobenzene	ug/L	0.4	0.4	<0.4	<0.4
1,3-Dichlorobenzene	ug/L	0.4	0.4	<0.4	<0.4
1,4-Dichlorobenzene	ug/L	0.4	0.4	0.5	<0.4
1-Chloronaphthalene	ug/L	0.4	0.4	<0.4	<0.4
1-Methylnaphthalene	ug/L	0.4	0.4	<0.4	<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	0.5	0.5	<0.5	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5-Trichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,4,5-Trichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,4,6-Tribromophenol	%			118	115
2,4,6-Trichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dichlorophenol	ug/L	0.3	0.3	<0.3	<0.3
2,4-Dimethylphenol	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dinitrophenol	ug/L	1	1	<1	<1
2,4-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
2,6-Dichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,6-Dinitrotoluene	ug/L	0.4	0.4	<0.4	<0.4
2-Chloronaphthalene	ug/L	0.4	0.4	<0.4	<0.4
2-Chlorophenol	ug/L	0.3	0.3	<0.3	<0.3
2-Fluorobiphenyl	%			72	82
2-Methylnaphthalene	ug/L	0.4	0.4	<0.4	<0.4
2-Methylphenol	ug/L	0.5	0.5	<0.5	<0.5
2-Nitrophenol	ug/L	0.5	0.5	<0.5	<0.5
3&4-Methylphenol	ug/L	0.5	0.5	123	<0.5
3,3'-Dichlorobenzidine	ug/L	4	0.4	<4	<4
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	0.5	0.5	<0.5	<0.5
4-Chloroaniline	ug/L	0.4	0.4	<0.4	<0.4

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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	0.2	0.2	<0.2	<0.2
Acenaphthylene	ug/L	0.2	0.2	<0.2	<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	0.5	0.05	<0.5	<0.05
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	0.4	0.4	<0.4	<0.4
Bis(2-chloroethoxy)methane	ug/L	0.4	0.4	<0.4	<0.4
Bis(2-chloroethyl)ether	ug/L	0.4	0.4	<0.4	<0.4
Bis(2-chloroisopropyl)ether	ug/L	0.4	0.4	<0.4	<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	0.4	0.4	<0.4	<0.4
Chrysene	ug/L	2	0.2	<2	<0.2
Cresols (total)	ug/L	1	1	123	<1
Dibenzo(a,h)anthracene	ug/L	2	0.2	<2	<0.2
Dibenzofuran	ug/L	0.2	0.2	<0.2	<0.2
Diethylphthalate	ug/L	2	0.6	4	<0.6
Dimethylphthalate	ug/L	0.2	0.2	<0.2	<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	0.4	0.4	<0.4	<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	0.2	0.2	<0.2	<0.2
Hexachlorocyclopentadiene	ug/L	0.4	0.4	<0.4	<0.4
Hexachloroethane	ug/L	0.4	0.4	<0.4	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	2	0.2	<2	<0.2
Indole	ug/L	0.4	0.4	19	<0.4
Isophorone	ug/L	0.4	0.4	<0.4	<0.4
Naphthalene	ug/L	0.2	0.2	<0.2	<0.2
Nitrobenzene	ug/L	0.4	0.4	<0.4	<0.4
Nitrobenzene d5	%			112	97
N-Nitroso-di-n-propylamine	ug/L	0.4	0.4	<0.4	<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	0.5	0.2	8.6	<0.2
Phenol d5	%			36	25
p-Terphenyl d14	%			47	99
Pyrene	ug/L	2	0.2	<2	<0.2

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Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	3.7	2.6
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	5	0.7
Nonylphenol Diethoxylates	ug/L	1	1	2	<1
Nonylphenol Triethoxylates	ug/L	2	2	2	<2
t-Octylphenol	ug/L	0.2	0.02	0.24	0.04
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	0.2	<0.01
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
TOTAL TEQ (CCME)	ug/L			8.8	3
PCB					
Aroclor 1016	mg/L	0.0002	0.0001	<0.0002	<0.0001
Aroclor 1221	mg/L	0.0002	0.0001	<0.0002	<0.0001
Aroclor 1232	mg/L	0.0002	0.0001	<0.0002	<0.0001
Aroclor 1242	mg/L	0.0002	0.0001	<0.0002	<0.0001
Aroclor 1248	mg/L	0.0002	0.0001	<0.0002	<0.0001
Aroclor 1254	mg/L	0.0002	0.0001	<0.0002	<0.0001
Aroclor 1260	mg/L	0.0002	0.0001	<0.0002	<0.0001
Aroclor 1262	mg/L	0.0002	0.0001	<0.0002	<0.0001
Aroclor 1268	mg/L	0.0002	0.0001	<0.0002	<0.0001
Total PCBs	mg/L	0.0002	0.0001	<0.0002	<0.0001
Decachlorobiphenyl	%			74	122
Pesticides, Organochlorine					
2-Fluorobiphenyl	%			72	103
a-chlordane	ug/L	0.1	0.1	<0.1	<0.1
Aldrin	ug/L	0.1	0.1	<0.1	<0.1
alpha-BHC	ug/L	0.1	0.1	<0.1	<0.1
alpha-Endosulfan	ug/L	0.2	0.1	<0.2	<0.1
beta-BHC	ug/L	0.1	0.1	<0.1	<0.1
beta-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
d14-Terphenyl	%			68	101
delta-BHC	ug/L	0.1	0.1	<0.1	<0.1
Dieldrin	ug/L	1	0.1	<1	<0.1
Endosulfan Sulfate	ug/L	0.1	0.1	<0.1	<0.1
Endrin	ug/L	0.1	0.1	<0.1	<0.1
Endrin Aldehyde	ug/L	0.1	0.1	<0.1	<0.1
g-chlordane	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
Lindane	ug/L	0.1	0.1	<0.1	<0.1
Methoxychlor	ug/L	0.1	0.1	<0.1	<0.1
Mirex	ug/L	0.1	0.1	<0.1	<0.1
o,p-DDE	ug/L	0.1	0.1	<0.1	<0.1
op-DDD	ug/L	0.1	0.1	<0.1	<0.1
op-DDT	ug/L	0.1	0.1	<0.1	<0.1
Oxychlordane	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

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pp-DDT	ug/L	0.1	0.1	<0.1	<0.1
Phenoxyacid Herbicides by GC/MS					
2,4,5-T	ug/L	5	0.5	<5	<0.5
2,4,5-TP	ug/L	5	0.5	<5	<0.5
2,4-D	ug/L	5	0.5	<5	<0.5
2,4-Dichlorophenylacetic Acid	%			58	84
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
MCPA	ug/L	5	0.5	<5	<0.5
Mecoprop	ug/L	5	0.5	<5	<0.5
Picloram	ug/L	5	0.5	<5	<0.5
Target Compounds by GC/MS					
2-Fluorobiphenyl	%			98	46
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
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
p-Terphenyl d14	%			172	115
Volatile Organics					
1,1,1,2-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
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-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-Dibromoethane	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-Dichloroethane d4	%			105	99
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	0.8	<0.5
2-Hexanone	ug/L	20	20	<20	<20
4-Bromofluorobenzene	%			99	102
Acetone	ug/L	20	20	20	<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	1.9	<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	8.1	1.6

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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	<0.5	<0.5
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	5.6	<0.5
Toluene-d8	%			100	102
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	8	<2
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	2	2	<2	<2

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
NR- not reported

** 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.*

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2'nd Quarter Sampling	May 7, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Miscellaneous					
Chromium, Hexavalent	mg/L	0.0010	0.0010	<0.0010	<0.0010
Mercury (Hg)-Total	ng/L	1	1	174	14
Toxaphene	mg/L	0.00010	0.00010	<0.00010	<0.00010
Phenols (4AAP)	mg/L	0.001	0.001	0.0921	0.0033
Total Oil and Grease	mg/L	1	1	75.3	<1.0
Tributyltin	ug/L	0.001	0.001	<0.001	<0.001
Tetraethyl Lead	ug/L	5.0	5.0	<5.0	<5.0
Trout Bioassay	Pass/Fail			NA	Pass
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.002	0.002
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.007	0.005
Copper, Total	mg/L	0.001	0.001	0.100	0.016
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.007	0.005
Lead, Total	mg/L	0.001	0.001	0.003	<0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.085	0.030
Dioxins and Furans					
2378 TeCDD	pg/L	2.0	0.40	<2.0	<0.40
12378 PeCDD	pg/L	2.0	0.80	<2.0	<0.80
123478 HxCDD	pg/L	3.0	1.0	10.6	<1.0
123678 HxCDD	pg/L	4.0	2.0	17.9	<2.0
123789 HxCDD	pg/L	3.0	2.0	13.8	<2.0
1234678 HpCDD	pg/L	5	2.0	134	<2.0
OCDD	pg/L	8	2.0	878	38.5
Total TCDD	pg/L	2.0	0.40	<2.0	<0.40
Total PeCDD	pg/L	2.0	0.80	<2.0	<0.80
Total HxCDD	pg/L	4.0	2.0	49.4	<2.0
Total HpCDD	pg/L	5	2.0	223	<2.0
Total PCDDs	pg/L	8	2.0	1150	38.5
2378 TeCDF	pg/L	3.0	0.90	<3.0	<0.90
12378 PeCDF	pg/L	0.80	0.30	<0.80	<0.30
23478 PeCDF	pg/L	0.80	0.30	<0.80	<0.30
123478 HxCDF	pg/L	3.0	1.0	9.2	<1.0
123678 HxCDF	pg/L	3.0	1.0	<3.0	<1.0
123789 HxCDF	pg/L	2.0	0.90	<2.0	<0.90
234678 HxCDF	pg/L	2	0.70	12	<0.70
1234678 HpCDF	pg/L	2.0	1.0	51.3	<1.0
1234789 HpCDF	pg/L	3	1.0	13	<1.0
OCDF	pg/L	6	1.0	162	5.3
Total TCDF	pg/L	3.0	0.90	<3.0	<0.90
Total PeCDF	pg/L	0.80	0.30	<0.80	<0.30
Total HxCDF	pg/L	3.0	1.0	31.1	<1.0
Total HpCDF	pg/L	3	1.0	137	<1.0
Total PCDFs	pg/L	6	1.0	330	5.3
Total TEQ (ND=0) (WHO Calc)	pg/L			8.63	0.01
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			11.16	1.16

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Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Total TEQ (ND=DL) (WHO Calc)	pg/L			13.69	2.3
13C12 2378 TeCDD	%			82	75
13C12 12378 PeCDD	%			86	72
13C12 123478 HxCDD	%			83	77
13C12 123678 HxCDD	%			72	69
13C12 1234678 HpCDD	%			72	82
13C12 OCDD	%			60	71
13C12 2378 TeCDF	%			72	82
13C12 12378 PeCDF	%			79	77
13C12 23478 PeCDF	%			81	83
13C12 123478 HxCDF	%			42	41
13C12 123678 HxCDF	%			36	36
13C12 234678 HxCDF	%			69	83
13C12 123789 HxCDF	%			70	80
13C12 1234678 HpCDF	%			53	62
13C12 1234789 HpCDF	%			63	88
37C14 2378 TeCDD	%			65	61
EPA 8270 Extractables					
1,2,3-Trichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,2,4-Trichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,2-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,3-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,4-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1-Chloronaphthalene	ug/L	4.0	0.40	<4.0	<0.40
1-Methylnaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2,3,4,5-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,4,6-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,4-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,5,6-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,5-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4,5-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4,6-Tribromophenol	%			120	99
2,4,6-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4-Dichlorophenol	ug/L	3.0	0.30	<3.0	<0.30
2,4-Dimethylphenol	ug/L	5.0	0.50	<5.0	<0.50
2,4-Dinitrophenol	ug/L	10	1	<10	<1.0
2,4-Dinitrotoluene	ug/L	4.0	0.40	<4.0	<0.40
2,6-Dichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,6-Dinitrotoluene	ug/L	4.0	0.40	<4.0	<0.40
2-Chloronaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2-Chlorophenol	ug/L	3.0	0.30	<3.0	<0.30
2-Fluorobiphenyl	%			161	66
2-Methylnaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2-Methylphenol	ug/L	5.0	0.50	<5.0	<0.50
2-Nitrophenol	ug/L	5.0	0.50	<5.0	<0.50
3&4-Methylphenol	ug/L	5.0	0.50	105	<0.50
3,3'-Dichlorobenzidine	ug/L	4.0	0.40	<4.0	<0.40
4,6-Dinitro-2-methylphenol	ug/L	20	2	<20	<2.0
4-Bromophenyl phenyl ether	ug/L	4.0	0.40	<4.0	<0.40
4-Chloro-3-methylphenol	ug/L	5.0	0.50	<5.0	<0.50
4-Chloroaniline	ug/L	4.0	0.40	<4.0	<0.40

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Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
4-Chlorophenyl phenyl ether	ug/L	4.0	0.40	<4.0	<0.40
4-Nitrophenol	ug/L	5.0	0.50	<5.0	<0.50
5-Nitroacenaphthene	ug/L	4.0	0.40	<4.0	<0.40
Acenaphthene	ug/L	2.0	0.20	<2.0	<0.20
Acenaphthylene	ug/L	2.0	0.20	<2.0	<0.20
Anthracene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(a)anthracene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(a)pyrene	ug/L	0.50	0.050	<0.50	<0.050
Benzo(b)fluoranthene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(ghi)perylene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(k)fluoranthene	ug/L	2.0	0.20	<2.0	<0.20
Biphenyl	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroethoxy)methane	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroethyl)ether	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroisopropyl)ether	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-ethylhexyl)phthalate	ug/L	20	2.0	<20	<2.0
Butylbenzyl phthalate	ug/L	4.0	0.40	<4.0	<0.40
Camphene	ug/L	4.0	0.40	<4.0	<0.40
Chrysene	ug/L	2.0	0.20	<2.0	<0.20
Cresols (total)	ug/L	10	1.0	110	<1.0
Dibenzo(a,h)anthracene	ug/L	2.0	0.20	<2.0	<0.20
Dibenzofuran	ug/L	2.0	0.20	<2.0	<0.20
Diethylphthalate	ug/L	2.0	0.20	<2.0	<0.20
Dimethylphthalate	ug/L	2.0	0.20	<2.0	<0.20
Di-n-butylphthalate	ug/L	20	2.0	<20	<2.0
Di-n-octylphthalate	ug/L	4.0	0.40	<4.0	<0.40
Diphenyl ether	ug/L	4.0	0.40	<4.0	<0.40
Diphenylamine	ug/L	4.0	0.40	<4.0	<0.40
Fluoranthene	ug/L	2.0	0.20	<2.0	<0.20
Fluorene	ug/L	2.0	0.20	<2.0	<0.20
Hexachlorobenzene	ug/L	0.4	0.04	<0.40	<0.040
Hexachlorobutadiene	ug/L	2.0	0.20	<2.0	<0.20
Hexachlorocyclopentadiene	ug/L	4.0	0.40	<4.0	<0.40
Hexachloroethane	ug/L	4.0	0.40	<4.0	<0.40
Indeno(1,2,3-cd)pyrene	ug/L	2.0	0.20	<2.0	<0.20
Indole	ug/L	4.0	0.40	39.7	<0.40
Isophorone	ug/L	4.0	0.40	<4.0	<0.40
Naphthalene	ug/L	2.0	0.20	<2.0	<0.20
Nitrobenzene	ug/L	4.0	0.40	<4.0	<0.40
Nitrobenzene d5	%			101	91
N-Nitroso-di-n-propylamine	ug/L	4.0	0.40	<4.0	<0.40
Pentachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
Perylene	ug/L	2.0	0.20	<2.0	<0.20
Phenanthrene	ug/L	2.0	0.20	<2.0	<0.20
Phenol	ug/L	5.0	0.50	11.8	<0.50
Phenol d5	%			24	19
p-Terphenyl d14	%			55	74
Pyrene	ug/L	2.0	0.20	<2.0	<0.20

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Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.31	0.31	9.85	0.8
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	20.2	1.73
Nonylphenol Diethoxylates	ug/L	1.2	1.2	2.4	<1.2
Nonylphenol Triethoxylates	ug/L	2.0	2.0	7.3	<2.0
t-Octylphenol	ug/L	0.020	0.020	0.218	<0.020
t-Octylphenol Monoethoxylate	ug/L	0.10	0.10	0.34	<0.10
t-Octylphenol Diethoxylate	ug/L	0.20	0.20	<0.20	<0.20
t-Octylphenol Triethoxylate	ug/L	0.50	0.50	<0.50	<0.50
TOTAL TEQ (CCME)	ug/L			NA	NA
PCB					
Aroclor 1016	mg/L	0.00010	0.00010	<0.00010	<0.00010
Aroclor 1221	mg/L	0.00010	0.00010	<0.00010	<0.00010
Aroclor 1232	mg/L	0.00010	0.00010	<0.00010	<0.00010
Aroclor 1242	mg/L	0.00010	0.00010	<0.00010	<0.00010
Aroclor 1248	mg/L	0.00010	0.00010	<0.00010	<0.00010
Aroclor 1254	mg/L	0.00010	0.00010	<0.00010	<0.00010
Aroclor 1260	mg/L	0.00010	0.00010	<0.00010	<0.00010
Aroclor 1262	mg/L	0.00010	0.00010	<0.00010	<0.00010
Aroclor 1268	mg/L	0.00010	0.00010	<0.00010	<0.00010
Total PCBs	mg/L	0.00010	0.00010	<0.00010	<0.00010
Decachlorobiphenyl	%			72	66
Pesticides, Organochlorine					
2-Fluorobiphenyl	%			49	77
a-chlordane	ug/L	0.10	0.10	<0.10	<0.10
Aldrin	ug/L	0.10	0.10	<0.10	<0.10
alpha-BHC	ug/L	0.10	0.10	<0.10	<0.10
alpha-Endosulfan	ug/L	0.10	0.10	<0.10	<0.10
beta-BHC	ug/L	0.10	0.10	<0.10	<0.10
beta-Endosulfan	ug/L	0.10	0.10	<0.10	<0.10
d14-Terphenyl	%			49	63
delta-BHC	ug/L	0.10	0.10	<0.10	<0.10
Dieldrin	ug/L	0.10	0.10	<0.10	<0.10
Endosulfan Sulfate	ug/L	0.10	0.10	<0.10	<0.10
Endrin	ug/L	0.10	0.10	<0.10	<0.10
Endrin Aldehyde	ug/L	0.10	0.10	<0.10	<0.10
g-chlordane	ug/L	0.10	0.10	<0.10	<0.10
Heptachlor	ug/L	0.10	0.10	<0.10	<0.10
Heptachlor Epoxide	ug/L	0.10	0.10	<0.10	<0.10
Lindane	ug/L	0.10	0.10	<0.10	<0.10
Methoxychlor	ug/L	0.10	0.10	<0.10	<0.10
Mirex	ug/L	0.10	0.10	<0.10	<0.10
o,p-DDE	ug/L	0.10	0.10	<0.10	<0.10
op-DDD	ug/L	0.10	0.10	<0.10	<0.10
op-DDT	ug/L	0.10	0.10	<0.10	<0.10
Oxychlordane	ug/L	0.10	0.10	<0.10	<0.10
pp-DDD	ug/L	0.10	0.10	<0.10	<0.10
pp-DDE	ug/L	0.10	0.10	<0.10	<0.10

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Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
pp-DDT	ug/L	0.10	0.10	<0.10	<0.10
Phenoxyacid Herbicides by GC/MS					
2,4,5-T	ug/L	0.50	0.50	<0.50	<0.50
2,4,5-TP	ug/L	0.50	0.50	<0.50	<0.50
2,4-D	ug/L	0.50	0.50	0.81	<0.50
2,4-Dichlorophenylacetic Acid	%			78	75
Bromoxynil	ug/L	0.50	0.50	<0.50	<0.50
Dicamba	ug/L	0.50	0.50	<0.50	<0.50
Dinoseb	ug/L	0.50	0.50	<0.50	<0.50
MCPA	ug/L	0.50	0.50	<0.50	<0.50
Mecoprop	ug/L	0.50	0.50	<0.50	<0.50
Picloram	ug/L	0.50	0.50	<0.50	<0.50
Target Compounds by GC/MS					
2-Fluorobiphenyl	%			81	69
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.00050	0.00050	<0.00050	<0.00050
Dinitropyrene	mg/L	0.020	0.020	<0.020	<0.020
Octachlorostyrene	mg/L	0.00050	0.00050	<0.00050	<0.00050
p-Terphenyl d14	%			140	82
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,1-Trichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,2-Trichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1-Dichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dibromoethane	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichloroethane d4	%			106	107
1,2-Dichloropropane	ug/L	0.50	0.50	<0.50	<0.50
1,3-Dichlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
1,4-Dichlorobenzene	ug/L	0.50	0.50	0.53	<0.50
2-Hexanone	ug/L	20	20	<20	<20
4-Bromofluorobenzene	%			99	101
Acetone	ug/L	20	20	26	<20
Benzene	ug/L	0.50	0.50	<0.50	<0.50
Bromodichloromethane	ug/L	0.50	0.50	<0.50	<0.50
Bromoform	ug/L	0.50	0.50	<0.50	<0.50
Bromomethane	ug/L	1.0	1.0	<1.0	<1.0
Carbon Disulfide	ug/L	0.50	0.50	<0.50	<0.50
Carbon tetrachloride	ug/L	0.50	0.50	<0.50	<0.50
Chlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
Chloroethane	ug/L	1.0	1.0	<1.0	<1.0
Chloroform	ug/L	0.50	0.50	7.27	<0.50

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Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Chloromethane	ug/L	1.0	1.0	<1.0	<1.0
cis-1,2-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
cis-1,3-Dichloropropene	ug/L	0.50	0.50	<0.50	<0.50
Dibromochloromethane	ug/L	0.50	0.50	<0.50	<0.50
Dichlorodifluoromethane	ug/L	1.0	1.0	<1.0	<1.0
Dichloromethane	ug/L	0.50	0.50	3.94	<0.50
Ethyl Benzene	ug/L	0.50	0.50	<0.50	<0.50
m+p-Xylenes	ug/L	1.0	1.0	<1.0	<1.0
Methyl Ethyl Ketone	ug/L	20	20	<20	<20
Methyl Isobutyl Ketone	ug/L	20	20	<20	<20
MTBE	ug/L	0.50	0.50	<0.50	<0.50
o-Xylene	ug/L	0.50	0.50	<0.50	<0.50
Styrene	ug/L	0.50	0.50	<0.50	<0.50
Tetrachloroethylene	ug/L	0.50	0.50	<0.50	<0.50
Toluene	ug/L	0.50	0.50	7.13	<0.50
Toluene-d8	%			100	99
trans-1,2-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
trans-1,3-Dichloropropene	ug/L	0.50	0.50	<0.50	<0.50
Trichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
Trichlorofluoromethane	ug/L	1.0	1.0	<1.0	<1.0
Trihalomethanes (total)	ug/L	2.0	2.0	7.3	<2.0
Vinyl chloride	ug/L	0.50	0.50	<0.50	<0.50
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5

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
NR- not reported

** 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.*

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3'rd Quarter Sampling	August 11, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Miscellaneous					
Chromium, Hexavalent	mg/L	0.0010	0.0010	<0.0010	<0.0010
Mercury (Hg)-Total	ng/L	1	1	75	21
Toxaphene	mg/L	0.00050	0.00050	<0.00050	<0.00050
Phenols (4AAP)	mg/L	0.0	0.0	0.0461	0.0027
Total Oil and Grease	mg/L	2	2	30.3	<2.0
Tributyltin	ug/L	0.001	0.001	0.004	0.001
Tetraethyl Lead*	ug/L	5.0	5.0	<5.0	<5.0
Trout Bioassay	Pass/Fail			NA	Pass
Total Metals**					
Arsenic, Total	mg/L	0.001	0.001	0.002	0.002
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.010	0.009
Copper, Total	mg/L	0.001	0.001	0.097	0.015
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.006	0.006
Lead, Total	mg/L	0.001	0.001	0.003	<0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.073	0.020
Dioxins and Furans					
2378 TeCDD	pg/L	1.0	1.0	<1.0	<1.0
12378 PeCDD	pg/L	0.60	0.70	<0.60	<0.70
123478 HxCDD	pg/L	0.60	1.0	<0.60	<1.0
123678 HxCDD	pg/L	0.80	1.0	<0.80	8.8
123789 HxCDD	pg/L	0.70	1.0	<0.70	6.2
1234678 HpCDD	pg/L	1.0	2.0	<1.0	8
OCDD	pg/L	2.0	2	40.7	32
Total TCDD	pg/L	1.0	1.0	<1.0	<1.0
Total PeCDD	pg/L	0.60	0.70	<0.60	<0.70
Total HxCDD	pg/L	0.80	1.0	<0.80	16.1
Total HpCDD	pg/L	1.0	2	<1.0	8
Total PCDDs	pg/L	2.0	2.0	40.7	56.1
2378 TeCDF	pg/L	0.60	0.80	<0.60	<0.80
12378 PeCDF	pg/L	0.30	0.30	<0.30	<0.30
23478 PeCDF	pg/L	0.30	0.30	<0.30	<0.30
123478 HxCDF	pg/L	0.40	0.60	<0.40	5.37
123678 HxCDF	pg/L	0.40	0.60	1.86	5.8
123789 HxCDF	pg/L	0.70	1.0	<0.70	5.6
234678 HxCDF	pg/L	0.40	0.70	<0.40	6.44
1234678 HpCDF	pg/L	0.70	0.50	<0.70	4.84
1234789 HpCDF	pg/L	1.0	1	<1.0	6
OCDF	pg/L	2.0	3.0	<2.0	<3.0
Total TCDF	pg/L	0.60	0.80	<0.60	<0.80
Total PeCDF	pg/L	0.30	0.30	<0.30	1.35
Total HxCDF	pg/L	0.70	1.0	2.17	23.2
Total HpCDF	pg/L	1.0	1.0	<1.0	10.9
Total PCDFs	pg/L	2.0	3.0	2.2	35.4
Total TEQ (ND=0) (WHO Calc)	pg/L			0.20	4.02
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			1.27	5.01

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3'rd Quarter Sampling	August 11, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Total TEQ (ND=DL) (WHO Calc)	pg/L			2.34	6
13C12 2378 TeCDD	%	1	1	49	56
13C12 12378 PeCDD	%	1	1	47	52
13C12 123478 HxCDD	%	1	1	67	73
13C12 123678 HxCDD	%	1	1	61	79
13C12 1234678 HpCDD	%	1	1	47	56
13C12 OCDD	%	1	1	31	39
13C12 2378 TeCDF	%	1	1	77	75
13C12 12378 PeCDF	%	1	1	64	76
13C12 23478 PeCDF	%	1	1	65	82
13C12 123478 HxCDF	%	1	1	77	104
13C12 123678 HxCDF	%	1	1	84	108
13C12 234678 HxCDF	%	1	1	77	91
13C12 123789 HxCDF	%	1	1	64	80
13C12 1234678 HpCDF	%	1	1	70	88
13C12 1234789 HpCDF	%	1	1	49	63
37C14 2378 TeCDD	%	1	1	45	53
EPA 8270 Extractables					
1,2,3-Trichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,2,4-Trichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,2-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,3-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,4-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1-Chloronaphthalene	ug/L	4.0	0.40	<4.0	<0.40
1-Methylnaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2,3,4,5-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,4,6-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,4-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,5,6-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,5-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4,5-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4,6-Tribromophenol	%	10	1	93	106
2,4,6-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4-Dichlorophenol	ug/L	3.0	0.30	<3.0	<0.30
2,4-Dimethylphenol	ug/L	5.0	0.50	<5.0	<0.50
2,4-Dinitrophenol	ug/L	10	1.00	<10	<1.0
2,4-Dinitrotoluene	ug/L	4.0	0.40	<4.0	<0.40
2,6-Dichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,6-Dinitrotoluene	ug/L	4.0	0.40	<4.0	<0.40
2-Chloronaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2-Chlorophenol	ug/L	3.0	0.30	<3.0	<0.30
2-Fluorobiphenyl	%	10	1	98	91
2-Methylnaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2-Methylphenol	ug/L	5.0	0.50	<5.0	<0.50
2-Nitrophenol	ug/L	5.0	0.50	<5.0	<0.50
3&4-Methylphenol	ug/L	5.0	0.50	54.7	<0.50
3,3'-Dichlorobenzidine	ug/L	4.0	0.40	<4.0	<0.40
4,6-Dinitro-2-methylphenol	ug/L	20	2.0	<20	<2.0
4-Bromophenyl phenyl ether	ug/L	4.0	0.40	<4.0	<0.40
4-Chloro-3-methylphenol	ug/L	5.0	0.50	<5.0	<0.50
4-Chloroaniline	ug/L	4.0	0.40	<4.0	<0.40

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Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
4-Chlorophenyl phenyl ether	ug/L	4.0	0.40	<4.0	<0.40
4-Nitrophenol	ug/L	5.0	0.50	<5.0	<0.50
5-Nitroacenaphthene	ug/L	4.0	0.40	<4.0	<0.40
Acenaphthene	ug/L	2.0	0.20	<2.0	<0.20
Acenaphthylene	ug/L	2.0	0.20	<2.0	<0.20
Anthracene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(a)anthracene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(a)pyrene	ug/L	0.50	0.050	<0.50	<0.050
Benzo(b)fluoranthene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(ghi)perylene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(k)fluoranthene	ug/L	2.0	0.20	<2.0	<0.20
Biphenyl	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroethoxy)methane	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroethyl)ether	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroisopropyl)ether	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-ethylhexyl)phthalate	ug/L	20	2.0	<20	<2.0
Butylbenzyl phthalate	ug/L	4.0	0.40	<4.0	<0.40
Camphene	ug/L	4.0	0.40	<4.0	<0.40
Chrysene	ug/L	2.0	0.20	<2.0	<0.20
Cresols (total)	ug/L	10	1.0	55	<1.0
Dibenzo(a,h)anthracene	ug/L	2.0	0.20	<2.0	<0.20
Dibenzofuran	ug/L	2.0	0.20	<2.0	<0.20
Diethylphthalate	ug/L	2.0	0.20	2.2	<0.20
Dimethylphthalate	ug/L	2.0	0.20	<2.0	<0.20
Di-n-butylphthalate	ug/L	20	2.0	<20	<2.0
Di-n-octylphthalate	ug/L	4.0	0.40	<4.0	<0.40
Diphenyl ether	ug/L	4.0	0.40	<4.0	<0.40
Diphenylamine	ug/L	4.0	0.40	<4.0	<0.40
Fluoranthene	ug/L	2.0	0.20	<2.0	<0.20
Fluorene	ug/L	2.0	0.20	<2.0	<0.20
Hexachlorobenzene	ug/L	0.40	0.04	<0.40	<0.040
Hexachlorobutadiene	ug/L	2.0	0.20	<2.0	<0.20
Hexachlorocyclopentadiene	ug/L	4.0	0.40	<4.0	<0.40
Hexachloroethane	ug/L	4.0	0.40	<4.0	<0.40
Indeno(1,2,3-cd)pyrene	ug/L	2.0	0.20	<2.0	<0.20
Indole	ug/L	4.0	0.40	8.1	<0.40
Isophorone	ug/L	4.0	0.40	<4.0	<0.40
Naphthalene	ug/L	2.0	0.20	<2.0	<0.20
Nitrobenzene	ug/L	4.0	0.40	<4.0	<0.40
Nitrobenzene d5	%	10	1	106	107
N-Nitroso-di-n-propylamine	ug/L	4.0	0.40	<4.0	<0.40
Pentachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
Perylene	ug/L	2.0	0.20	<2.0	<0.20
Phenanthrene	ug/L	2.0	0.20	<2.0	<0.20
Phenol	ug/L	5.0	0.50	5.9	<0.50
Phenol d5	%	10	1	0	20
p-Terphenyl d14	%	10	1	61	85
Pyrene	ug/L	2.0	0.20	<2.0	<0.20

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3'rd Quarter Sampling	August 11, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.10	0.10	4.96	1.03
Nonylphenol Monoethoxylates	ug/L	0.5	0.50	15.7	<0.50
Nonylphenol Diethoxylates	ug/L	1.2	1.2	<1.2	<1.2
Nonylphenol Triethoxylates	ug/L	2.0	2.0	<2.0	<2.0
t-Octylphenol	ug/L	0.020	0.020	0.409	<0.020
t-Octylphenol Monoethoxylate	ug/L	0.10	0.10	0.59	<0.10
t-Octylphenol Diethoxylate	ug/L	0.20	0.20	<0.20	<0.20
t-Octylphenol Triethoxylate	ug/L	0.50	0.50	<0.50	<0.50
TOTAL TEQ (CCME)	ug/L			13	1
PCB					
Aroclor 1016	mg/L	0.0	0.0	<0.000050	<0.000050
Aroclor 1221	mg/L	0.0	0.0	<0.000050	<0.000050
Aroclor 1232	mg/L	0.0	0.0	<0.000050	<0.000050
Aroclor 1242	mg/L	0.0	0.0	<0.000050	<0.000050
Aroclor 1248	mg/L	0.0	0.0	<0.000050	<0.000050
Aroclor 1254	mg/L	0.0	0.0	<0.000050	<0.000050
Aroclor 1260	mg/L	0.0	0.0	<0.000050	<0.000050
Aroclor 1262	mg/L	0.0	0.0	<0.000050	<0.000050
Aroclor 1268	mg/L	0.0	0.0	<0.000050	<0.000050
Total PCBs	mg/L	0.0	0.0	<0.000050	<0.000050
Decachlorobiphenyl	%			NA	NA
Pesticides, Organochlorine					
2-Fluorobiphenyl	%	10	1	55	59
a-chlordane	ug/L	1.0	0.10	<1.0	<0.10
Aldrin	ug/L	1.0	0.10	<1.0	<0.10
alpha-BHC	ug/L	1.0	0.10	<1.0	<0.10
alpha-Endosulfan	ug/L	1.0	0.10	<1.0	<0.10
beta-BHC	ug/L	1.0	0.10	<1.0	<0.10
beta-Endosulfan	ug/L	1.0	0.10	<1.0	<0.10
d14-Terphenyl	%	10	1	54	85
delta-BHC	ug/L	1.0	0.10	<1.0	<0.10
Dieldrin	ug/L	1.0	0.10	<1.0	<0.10
Endosulfan Sulfate	ug/L	1.0	0.10	<1.0	<0.10
Endrin	ug/L	1.0	0.10	<1.0	<0.10
Endrin Aldehyde	ug/L	1.0	0.10	<1.0	<0.10
g-chlordane	ug/L	1.0	0.10	<1.0	<0.10
Heptachlor	ug/L	1.0	0.10	<1.0	<0.10
Heptachlor Epoxide	ug/L	1.0	0.10	<1.0	<0.10
Lindane	ug/L	1.0	0.10	<1.0	<0.10
Methoxychlor	ug/L	1.0	0.60	<1.0	<0.60
Mirex	ug/L	1.0	0.10	<1.0	<0.10
o,p-DDE	ug/L	1.0	0.10	<1.0	<0.10
op-DDD	ug/L	1.0	0.10	<1.0	<0.10
op-DDT	ug/L	1.0	0.60	<1.0	<0.60
Oxychlordane	ug/L	1.0	0.10	<1.0	<0.10
pp-DDD	ug/L	1.0	0.10	<1.0	<0.10
pp-DDE	ug/L	1.0	0.10	<1.0	<0.10

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Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
pp-DDT	ug/L	1.0	0.60	<1.0	<0.60
Phenoxyacid Herbicides by GC/MS					
2,4,5-T	ug/L	0.50	0.50	<0.50	<0.50
2,4,5-TP	ug/L	0.50	0.50	<0.50	<0.50
2,4-D	ug/L	0.50	0.50	<0.50	<0.50
2,4-Dichlorophenylacetic Acid	%	1	1	124	107
Bromoxynil	ug/L	0.50	0.50	<0.50	<0.50
Dicamba	ug/L	0.50	0.50	<0.50	<0.50
Dinoseb	ug/L	0.50	0.50	<0.50	<0.50
MCPA	ug/L	0.50	0.50	<0.50	<0.50
Mecoprop	ug/L	0.50	0.50	<0.50	<0.50
Picloram	ug/L	0.50	0.50	<0.50	<0.50
Target Compounds by GC/MS					
2-Fluorobiphenyl	%	1	1	105	77
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.00050	0.00050	<0.00050	<0.00050
Dinitropyrene	mg/L	0.02	0.02	<0.020	<0.020
Octachlorostyrene	mg/L	0.00050	0.00050	<0.00050	<0.00050
p-Terphenyl d14	%	1	1	100	91
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,1-Trichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,2-Trichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1-Dichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dibromoethane	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichloroethane d4	%	1	1	144	147
1,2-Dichloropropane	ug/L	0.50	0.50	<0.50	<0.50
1,3-Dichlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
1,4-Dichlorobenzene	ug/L	0.50	0.50	0.53	<0.50
2-Hexanone	ug/L	20	20	<20	<20
4-Bromofluorobenzene	%	1	1	94	105
Acetone	ug/L	20	20	36	<20
Benzene	ug/L	0.50	0.50	<0.50	<0.50
Bromodichloromethane	ug/L	0.50	0.50	<0.50	<0.50
Bromoform	ug/L	0.50	0.50	<0.50	<0.50
Bromomethane	ug/L	2.00	1.00	<2.0	<1.0
Carbon Disulfide	ug/L	0.50	0.50	0.9	<0.50
Carbon tetrachloride	ug/L	0.50	0.50	<0.50	<0.50
Chlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
Chloroethane	ug/L	1.00	1.00	<1.0	<1.0
Chloroform	ug/L	0.50	0.50	8.94	<0.50

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3'rd Quarter Sampling	August 11, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Chloromethane	ug/L	1.00	1.00	<1.0	<1.0
cis-1,2-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
cis-1,3-Dichloropropene	ug/L	0.50	0.50	<0.50	<0.50
Dibromochloromethane	ug/L	0.50	0.50	<0.50	<0.50
Dichlorodifluoromethane	ug/L	1.00	1.00	<1.0	<1.0
Dichloromethane	ug/L	0.50	0.50	<0.50	<0.50
Ethyl Benzene	ug/L	0.50	0.50	<0.50	<0.50
m+p-Xylenes	ug/L	1.00	1.00	<1.0	<1.0
Methyl Ethyl Ketone	ug/L	20	20	<20	<20
Methyl Isobutyl Ketone	ug/L	20	20	<20	<20
MTBE	ug/L	0.50	0.50	<0.50	<0.50
o-Xylene	ug/L	0.50	0.50	<0.50	<0.50
Styrene	ug/L	0.50	0.50	1.87	<0.50
Tetrachloroethylene	ug/L	0.50	0.50	<0.50	<0.50
Toluene	ug/L	0.50	0.50	2.82	<0.50
Toluene-d8	%	1	1	108	108
trans-1,2-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
trans-1,3-Dichloropropene	ug/L	0.50	0.50	<0.50	<0.50
Trichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
Trichlorofluoromethane	ug/L	1.0	1.0	<1.0	<1.0
Trihalomethanes (total)	ug/L	2.0	2.0	8.9	<2.0
Vinyl chloride	ug/L	0.50	0.50	<0.50	<0.50
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5

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
NR- not reported

**The sample collected for TetraEthyl Lead was 12°C when it arrived in Texas for analysis.*
*** 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.*

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4'th Quarter Sampling	November 10, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Miscellaneous					
Chromium, Hexavalent	mg/L	0.0010	0.0010	<0.0010	<0.0010
Mercury (Hg)-Total	ng/L	1	1	27.3	3.3
Toxaphene	mg/L	0.50	0.50	<0.50	<0.50
Phenols (4AAP)	mg/L	0.0010	0.0010	0.0523	<0.0010
Total Oil and Grease	mg/L	1	1	43.4	<1.0
Tributyltin	ug/L	0.001	0.001	<0.001	<0.001
Tetraethyl Lead	ug/L	5.0	5.0	<5.0	<5.0
Trout Bioassay	Pass/Fail			NA	Pass
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.002	0.002
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.004	0.004
Copper, Total	mg/L	0.001	0.001	0.220	0.013
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.007	0.006
Lead, Total	mg/L	0.001	0.001	0.004	<0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.113	0.021
Dioxins and Furans					
2378 TeCDD	pg/L	0.70	0.80	<0.70	<0.80
12378 PeCDD	pg/L	0.30	0.30	<0.30	<0.30
123478 HxCDD	pg/L	0.20	0.20	2.04	<0.20
123678 HxCDD	pg/L	0.20	0.20	2.71	<0.20
123789 HxCDD	pg/L	0.20	0.20	3.46	<0.20
1234678 HpCDD	pg/L	0.20	0.20	7.83	1.6
OCDD	pg/L	0.30	0.30	55.4	9.12
Total TCDD	pg/L	0.70	0.90	<0.70	<0.80
Total PeCDD	pg/L	0.30	3.0	<0.30	<0.30
Total HxCDD	pg/L	0.20	0.20	8.21	<0.20
Total HpCDD	pg/L	0.20	0.20	13.7	1.85
Total PCDDs	pg/L	0.60	0.6	77.4	11
2378 TeCDF	pg/L	0.40	0.80	<0.40	<0.80
12378 PeCDF	pg/L	0.20	0.20	<0.20	<0.20
23478 PeCDF	pg/L	0.20	0.20	<0.20	<0.20
123478 HxCDF	pg/L	0.10	0.10	2.46	<0.10
123678 HxCDF	pg/L	0.10	0.10	2.12	<0.10
123789 HxCDF	pg/L	0.10	0.10	2.4	<0.10
234678 HxCDF	pg/L	0.10	0.10	1.66	<0.10
1234678 HpCDF	pg/L	0.20	0.20	3.1	<0.20
1234789 HpCDF	pg/L	0.30	0.30	<0.30	<0.30
OCDF	pg/L	0.30	0.30	8.16	7.59
Total TCDF	pg/L	0.40	0.80	<0.40	<0.80
Total PeCDF	pg/L	0.20	0.20	3.85	<0.20
Total HxCDF	pg/L	0.10	0.10	9.7	<0.10
Total HpCDF	pg/L	0.30	0.30	3.42	<0.30
Total PCDFs	pg/L	0.40	0.40	25.1	7.59
Total TEQ (ND=0) (WHO Calc)	pg/L			1.81	0.02
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			2.37	0.7

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4'th Quarter Sampling	November 10, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Total TEQ (ND=DL) (WHO Calc)	pg/L			2.92	1.37
13C12 2378 TeCDD	%			46	39
13C12 12378 PeCDD	%			67	71
13C12 123478 HxCDD	%			64	69
13C12 123678 HxCDD	%			54	60
13C12 1234678 HpCDD	%			60	65
13C12 OCDD	%			53	60
13C12 2378 TeCDF	%			53	22
13C12 12378 PeCDF	%			70	70
13C12 23478 PeCDF	%			72	59
13C12 123478 HxCDF	%			55	64
13C12 123678 HxCDF	%			62	69
13C12 234678 HxCDF	%			58	59
13C12 123789 HxCDF	%			60	60
13C12 1234678 HpCDF	%			57	65
13C12 1234789 HpCDF	%			62	69
37C14 2378 TeCDD	%			42	34
EPA 8270 Extractables					
1,2,3-Trichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,2,4-Trichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,2-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,3-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1,4-Dichlorobenzene	ug/L	4.0	0.40	<4.0	<0.40
1-Chloronaphthalene	ug/L	4.0	0.40	<4.0	<0.40
1-Methylnaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2,3,4,5-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,4,6-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,4-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,5,6-Tetrachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,3,5-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4,5-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4,6-Tribromophenol	%			108	109
2,4,6-Trichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,4-Dichlorophenol	ug/L	3.0	0.30	<3.0	<0.30
2,4-Dimethylphenol	ug/L	5.0	0.50	<5.0	<0.50
2,4-Dinitrophenol	ug/L	10	1.0	<10	<1.0
2,4-Dinitrotoluene	ug/L	4.0	0.40	<4.0	<0.40
2,6-Dichlorophenol	ug/L	5.0	0.50	<5.0	<0.50
2,6-Dinitrotoluene	ug/L	4.0	0.40	<4.0	<0.40
2-Chloronaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2-Chlorophenol	ug/L	3.0	0.30	<3.0	<0.30
2-Fluorobiphenyl	%			100	49
2-Methylnaphthalene	ug/L	4.0	0.40	<4.0	<0.40
2-Methylphenol	ug/L	5.0	0.50	<5.0	<0.50
2-Nitrophenol	ug/L	5.0	0.50	<5.0	<0.50
3&4-Methylphenol	ug/L	5.0	0.50	142.0	<0.50
3,3'-Dichlorobenzidine	ug/L	4.0	4.0	<4.0	<4.0
4,6-Dinitro-2-methylphenol	ug/L	20	2.0	<20	<2.0
4-Bromophenyl phenyl ether	ug/L	4.0	0.40	<4.0	<0.40
4-Chloro-3-methylphenol	ug/L	5.0	0.50	<5.0	<0.50
4-Chloroaniline	ug/L	4.0	0.40	<4.0	<0.40

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4'th Quarter Sampling	November 10, 2009			WEWPCC	
Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
4-Chlorophenyl phenyl ether	ug/L	4.0	0.40	<4.0	<0.40
4-Nitrophenol	ug/L	5.0	0.50	<5.0	<0.50
5-Nitroacenaphthene	ug/L	4.0	0.40	<4.0	<0.40
Acenaphthene	ug/L	2.0	0.20	<2.0	<0.20
Acenaphthylene	ug/L	2.0	0.20	<2.0	<0.20
Anthracene	ug/L	2.0	0.20	<2.0	<0.20
Benzo(a)anthracene	ug/L	2.0	2.0	<2.0	<2.0
Benzo(a)pyrene	ug/L	0.50	0.50	<0.50	<0.50
Benzo(b)fluoranthene	ug/L	2.0	2.0	<2.0	<2.0
Benzo(ghi)perylene	ug/L	2.0	2.0	<2.0	<2.0
Benzo(k)fluoranthene	ug/L	2.0	2.0	<2.0	<2.0
Biphenyl	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroethoxy)methane	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroethyl)ether	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-chloroisopropyl)ether	ug/L	4.0	0.40	<4.0	<0.40
Bis(2-ethylhexyl)phthalate	ug/L	20	20	<20	<20
Butylbenzyl phthalate	ug/L	4.0	4.0	<4.0	<4.0
Camphene	ug/L	4.0	0.40	<4.0	<0.40
Chrysene	ug/L	2.0	2.0	<2.0	<2.0
Cresols (total)	ug/L	1.0	1.0	142	<1.0
Dibenzo(a,h)anthracene	ug/L	2.0	2.0	<2.0	<2.0
Dibenzofuran	ug/L	2.0	0.20	<2.0	<0.20
Diethylphthalate	ug/L	2.0	0.20	2.9	<0.20
Dimethylphthalate	ug/L	2.0	0.20	<2.0	<0.20
Di-n-butylphthalate	ug/L	20	2.0	<20	<2.0
Di-n-octylphthalate	ug/L	4.0	4.0	<4.0	<4.0
Diphenyl ether	ug/L	4.0	0.40	<4.0	<0.40
Diphenylamine	ug/L	4.0	0.40	<4.0	<0.40
Fluoranthene	ug/L	2.0	2.0	<2.0	<2.0
Fluorene	ug/L	2.0	0.20	<2.0	<0.20
Hexachlorobenzene	ug/L	0.40	0.04	<0.40	<0.040
Hexachlorobutadiene	ug/L	2.0	0.20	<2.0	<0.20
Hexachlorocyclopentadiene	ug/L	4.0	0.50	<4.0	<0.50
Hexachloroethane	ug/L	4.0	0.40	<4.0	<0.40
Indeno(1,2,3-cd)pyrene	ug/L	2.0	2.0	<2.0	<2.0
Indole	ug/L	4.0	0.40	24.7	<0.40
Isophorone	ug/L	4.0	0.40	<4.0	<0.40
Naphthalene	ug/L	2.0	0.20	<2.0	<0.20
Nitrobenzene	ug/L	4.0	0.40	<4.0	<0.40
Nitrobenzene d5	%			88	73
N-Nitroso-di-n-propylamine	ug/L	4.0	0.40	<4.0	<0.40
Pentachlorophenol	ug/L	5.0	0.50	<5.0	<0.50
Perylene	ug/L	2.0	2.0	<2.0	<2.0
Phenanthrene	ug/L	2.0	0.20	<2.0	<0.20
Phenol	ug/L	5.0	0.50	13.7	<0.50
Phenol d5	%			21	19
p-Terphenyl d14	%			61	81
Pyrene	ug/L	2.0	2.0	<2.0	<2.0

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4'th Quarter Sampling	November 10, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	1.2	1.2	<1.2	<1.2
Nonylphenol Monoethoxylates	ug/L	0.50	0.50	8.13	<0.50
Nonylphenol Diethoxylates	ug/L	2.0	2.0	<2.0	<2.0
Nonylphenol Triethoxylates	ug/L	0.10	0.10	3.75	0.61
t-Octylphenol	ug/L	0.020	0.020	0.346	0.029
t-Octylphenol Monoethoxylate	ug/L	0.20	0.20	<0.20	<0.20
t-Octylphenol Diethoxylate	ug/L	0.10	0.10	0.22	<0.10
t-Octylphenol Triethoxylate	ug/L	0.50	0.50	<0.50	<0.50
TOTAL TEQ (CCME)	ug/L			8.3	0.64
PCB					
Aroclor 1016	mg/L	0.00025	0.00010	<0.00025	<0.00010
Aroclor 1221	mg/L	0.00025	0.00010	<0.00025	<0.00010
Aroclor 1232	mg/L	0.00025	0.00010	<0.00025	<0.00010
Aroclor 1242	mg/L	0.00025	0.00010	<0.00025	<0.00010
Aroclor 1248	mg/L	0.00025	0.00010	<0.00025	<0.00010
Aroclor 1254	mg/L	0.00025	0.00010	<0.00025	<0.00010
Aroclor 1260	mg/L	0.00025	0.00010	<0.00025	<0.00010
Aroclor 1262	mg/L	0.00025	0.00010	<0.00025	<0.00010
Aroclor 1268	mg/L	0.00025	0.00010	<0.00025	<0.00010
Total PCBs	mg/L	0.00025	0.00010	<0.00025	<0.00010
Decachlorobiphenyl	%			67	88
Pesticides, Organochlorine					
2-Fluorobiphenyl	%			46	61
a-chlordane	ug/L	1.0	0.10	<1.0	<0.10
Aldrin	ug/L	1.0	0.10	<1.0	<0.10
alpha-BHC	ug/L	1.0	0.10	<1.0	<0.10
alpha-Endosulfan	ug/L	1.0	0.10	<1.0	<0.10
beta-BHC	ug/L	1.0	0.10	<1.0	<0.10
beta-Endosulfan	ug/L	1.0	0.10	<1.0	<0.10
d14-Terphenyl	%			60	97
delta-BHC	ug/L	1.0	0.10	<1.0	<0.10
Dieldrin	ug/L	1.0	0.10	<1.0	<0.10
Endosulfan Sulfate	ug/L	1.0	0.10	<1.0	<0.10
Endrin	ug/L	1.0	0.10	<1.0	<0.10
Endrin Aldehyde	ug/L	1.0	0.10	<1.0	<0.10
g-chlordane	ug/L	1.0	0.10	<1.0	<0.10
Heptachlor	ug/L	1.0	0.10	<1.0	<0.10
Heptachlor Epoxide	ug/L	1.0	0.10	<1.0	<0.10
Lindane	ug/L	1.0	0.10	<1.0	<0.10
Methoxychlor	ug/L	1.0	0.10	<1.0	<0.10
Mirex	ug/L	1.0	0.10	<1.0	<0.10
o,p-DDE	ug/L	1.0	0.10	<1.0	<0.10
op-DDD	ug/L	1.0	0.10	<1.0	<0.10
op-DDT	ug/L	1.0	0.10	<1.0	<0.10
Oxychlordane	ug/L	1.0	0.10	<1.0	<0.10
pp-DDD	ug/L	1.0	0.10	<1.0	<0.10
pp-DDE	ug/L	1.0	0.10	<1.0	<0.10
pp-DDT	ug/L	1.0	0.10	<1.0	<0.10

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4'th Quarter Sampling	November 10, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Phenoxyacid Herbicides by GC/MS					
2,4,5-T	ug/L	0.50	0.50	<0.50	<0.50
2,4,5-TP	ug/L	0.50	0.50	<0.50	<0.50
2,4-D	ug/L	0.50	0.50	<0.50	<0.50
2,4-Dichlorophenylacetic Acid	%			89	95
Bromoxynil	ug/L	0.50	0.50	<0.50	<0.50
Dicamba	ug/L	0.50	0.50	<0.50	<0.50
Dinoseb	ug/L	0.50	0.50	<0.50	<0.50
MCPA	ug/L	0.50	0.50	<0.50	<0.50
Mecoprop	ug/L	0.50	0.50	<0.50	<0.50
Picloram	ug/L	0.50	0.50	<0.50	<0.50
Target Compounds by GC/MS					
2-Fluorobiphenyl	%			95	87
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.00050	0.00050	<0.00050	<0.0050
Dinitropyrene	mg/L	0.020	0.020	<0.020	<0.020
Octachlorostyrene	mg/L	0.00050	0.00050	<0.0050	<0.0050
p-Terphenyl d14	%			90	112
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,1-Trichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1,2-Trichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1-Dichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,1-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dibromoethane	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichloroethane	ug/L	0.50	0.50	<0.50	<0.50
1,2-Dichloroethane d4	%			105	109
1,2-Dichloropropane	ug/L	0.50	0.50	<0.50	<0.50
1,3-Dichlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
1,4-Dichlorobenzene	ug/L	0.50	0.50	0.67	<0.50
2-Hexanone	ug/L	20	20	<20	<20
4-Bromofluorobenzene	%			107	107
Acetone	ug/L	20	20	37	<20
Benzene	ug/L	0.50	0.50	<0.50	<0.50
Bromodichloromethane	ug/L	0.50	0.50	<0.50	<0.50
Bromoform	ug/L	0.50	0.50	<0.50	<0.50
Bromomethane	ug/L	1.0	1.0	<1.0	<1.0
Carbon Disulfide	ug/L	0.50	0.50	4.59	<0.50
Carbon tetrachloride	ug/L	0.50	0.50	<0.50	<0.50
Chlorobenzene	ug/L	0.50	0.50	<0.50	<0.50
Chloroethane	ug/L	1.0	1.0	<1.0	<1.0
Chloroform	ug/L	0.50	0.50	6.43	<0.50

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4'th Quarter Sampling	November 10, 2009			WEWPCC	
Parameter	**Units**	**MDL-Raw**	**MDL-Final**	**Raw Sewage Grab**	**Final Effluent Grab**
Chloromethane	ug/L	1.0	1.0	<1.0	<1.0
cis-1,2-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
cis-1,3-Dichloropropene	ug/L	0.50	0.50	<0.50	<0.50
Dibromochloromethane	ug/L	0.50	0.50	<0.50	<0.50
Dichlorodifluoromethane	ug/L	1.0	1.0	<1.0	<1.0
Dichloromethane	ug/L	0.50	0.50	<0.50	<0.50
Ethyl Benzene	ug/L	0.50	0.50	<0.50	<0.50
m+p-Xylenes	ug/L	1.0	1.0	<1.0	<1.0
Methyl Ethyl Ketone	ug/L	20	20	<20	<20
Methyl Isobutyl Ketone	ug/L	20	20	<20	<20
MTBE	ug/L	0.50	0.50	<0.50	<0.50
o-Xylene	ug/L	0.50	0.50	<0.50	<0.50
Styrene	ug/L	0.50	0.50	1.43	<0.50
Tetrachloroethylene	ug/L	0.50	0.50	<0.50	<0.50
Toluene	ug/L	0.50	0.50	4.69	<0.50
Toluene-d8	%			99	101
trans-1,2-Dichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
trans-1,3-Dichloropropene	ug/L	0.50	0.50	<0.50	<0.50
Trichloroethylene	ug/L	0.50	0.50	<0.50	<0.50
Trichlorofluoromethane	ug/L	1.0	1.0	<1.0	<1.0
Trihalomethanes (total)	ug/L	2.0	2.0	6.4	<2.0
Vinyl chloride	ug/L	0.50	0.50	<0.50	<0.50
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5

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
NR- not reported

** 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.*