

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

1'st Quarter Sampling Parameter	February 4, 2009			NEWPCC	
	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	69	16
Toxaphene	mg/L	0.0001	0.0001	<0.0001	<0.0001
Phenols (4AAP)	mg/L	0.001	0.001	0.086	0.010
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	75	<1
Trout Bioassay	Pass/Fail			NA	Fail
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	O/L	0.002
Cadmium, Total	mg/L	0.001	0.001	O/L	<0.001
Chromium, Total	mg/L	0.001	0.001	O/L	0.016
Copper, Total	mg/L	0.001	0.001	O/L	0.031
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	NA	0.013
Lead, Total	mg/L	0.001	0.001	O/L	0.002
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	O/L	0.193
Dioxins and Furans					
2378 TeCDD	pg/L	2.0	3.0	<2.0	<3.0
12378 PeCDD	pg/L	0.4	1.0	<0.4	<1.0
123478 HxCDD	pg/L	0.5	0.6	<0.5	<0.6
123678 HxCDD	pg/L	0.5	0.6	<0.5	<0.6
123789 HxCDD	pg/L	0.5	0.6	<0.5	<0.6
1234678 HpCDD	pg/L	0.9	0.7	11	<0.7
OCDD	pg/L	1.0	0.6	100	15
Total TCDD	pg/L	2.0	3.0	<2.0	<3.0
Total PeCDD	pg/L	0.4	1.0	<0.4	<1.0
Total HxCDD	pg/L	0.5	0.6	3.2	<0.6
Total HpCDD	pg/L	0.9	0.7	20	<0.7
Total PCDDs	pg/L	2.0	3.0	120	15
2378 TeCDF	pg/L	1.0	3.0	<1.0	<3.0
12378 PeCDF	pg/L	0.4	0.8	<0.4	<0.8
23478 PeCDF	pg/L	0.3	0.8	<0.3	<0.8
123478 HxCDF	pg/L	0.3	0.3	2.6	<0.3
123678 HxCDF	pg/L	0.3	0.3	1.5	<0.3
123789 HxCDF	pg/L	0.4	0.4	1.5	<0.4
234678 HxCDF	pg/L	0.3	0.3	1.2	<0.3
1234678 HpCDF	pg/L	0.4	0.5	5	<0.5
1234789 HpCDF	pg/L	0.6	0.8	1.4	<0.8
OCDF	pg/L	0.7	0.9	16	<0.9
Total TCDF	pg/L	1.0	3.0	<1.0	<3.0
Total PeCDF	pg/L	0.4	0.8	<0.4	<0.8
Total HxCDF	pg/L	0.4	0.4	10	<0.4
Total HpCDF	pg/L	0.6	0.8	9.6	<0.8
Total PCDFs	pg/L	1.0	3.0	35	<3.0
Total TEQ (ND=0) (WHO Calc)	pg/L			0.88	0
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			2.26	2.45

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					Grab	Grab
Total TEQ (ND=DL) (WHO Calc)	pg/L				3.64	4.9
13C12 2378 TeCDD	%				26	18
13C12 12378 PeCDD	%				47	28
13C12 123478 HxCDD	%				63	33
13C12 123678 HxCDD	%				65	36
13C12 1234678 HpCDD	%				77	54
13C12 OCDD	%				71	56
13C12 2378 TeCDF	%				24	14
13C12 12378 PeCDF	%				52	30
13C12 23478 PeCDF	%				46	26
13C12 123478 HxCDF	%				65	37
13C12 123678 HxCDF	%				71	43
13C12 234678 HxCDF	%				73	45
13C12 123789 HxCDF	%				64	39
13C12 1234678 HpCDF	%				73	53
13C12 1234789 HpCDF	%				71	48
37C14 2378 TeCDD	%				22	16
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	%				169	140
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	%				92	74
2-Methylnaphthalene	ug/L	0.4	0.4		0.6	<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		93.8	<0.5
3,3'-Dichlorobenzidine	ug/L	4	0.4		<4	<0.4
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

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				Grab	Grab
4-Chloroaniline	ug/L	0.4	0.4	<0.4	<0.4
4-Chlorophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Nitrophenol	ug/L	5	0.5	<5	<0.5
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	3
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	94	<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	0.2	3	0.4
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	12.9	<0.4
Isophorone	ug/L	0.4	0.4	<0.4	<0.4
Naphthalene	ug/L	0.2	0.2	3.6	<0.2
Nitrobenzene	ug/L	0.4	0.4	<0.4	<0.4
Nitrobenzene d5	%			119	105
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	0.5	8	<0.5
Phenol d5	%			31	28
p-Terphenyl d14	%			55	84
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	8.4	0.8
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	8.8	0.7
Nonylphenol Diethoxylates	ug/L	1	1	4	<1
Nonylphenol Triethoxylates	ug/L	2	2	4	<2
t-Octylphenol	ug/L	0.02	0.02	0.77	0.09
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	0.1	<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
TOTAL TEQ (CCME)	ug/L			18	1.3
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	98
Pesticides, Organochlorine					
2-Fluorobiphenyl	%			83	68
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	%			66	76
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
pp-DDT	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
Phenoxyacid Herbicides by GC/MS					
2,4,5-T	ug/L	0.5	0.5	<0.5	<0.5
2,4,5-TP	ug/L	0.5	0.5	<0.5	<0.5
2,4-D	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dichlorophenylacetic Acid	%			77	77
Bromoxynil	ug/L	0.5	0.5	96.7	113
Dicamba	ug/L	0.5	0.5	<0.5	<0.5
Dinoseb	ug/L	0.5	0.5	<0.5	<0.5
MCPA	ug/L	0.5	0.5	161	118
Mecoprop	ug/L	0.5	0.5	<0.5	<0.5
Picloram	ug/L	0.5	0.5	<0.5	<0.5
Target Compounds by GC/MS					
2-Fluorobiphenyl	%			117	69
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	%			35	112
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	%			98	96
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	0.7	0.7
2-Hexanone	ug/L	20	20	<20	<20
4-Bromofluorobenzene	%			100	100
Acetone	ug/L	20	20	70	<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	0.6	<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	10.8	7.5
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	2.1	<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	5.2

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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	0.8
Toluene	ug/L	0.5	0.5	5.2	<0.5
Toluene-d8	%			99	98
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	11	8
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

O/L- automatic sampler off-line

** 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 Parameter	May 7, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Miscellaneous					
Chromium, Hexavalent	mg/L	0.001	0.001	<0.0010	<0.0010
Mercury (Hg)-Total	ng/L	1	1	74.6	14.9
Toxaphene	mg/L	0.0001	0.0001	<0.00010	<0.00010
Phenols (4AAP)	mg/L	0.001	0.001	0.0537	0.008
Total Oil and Grease	mg/L	1	1	37.1	1.6
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	Fail
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.003	0.003
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.021	0.011
Copper, Total	mg/L	0.001	0.001	0.139	0.029
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.014	0.012
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	0.136	0.065
Dioxins and Furans					
2378 TeCDD	pg/L	0.60	0.60	<0.60	<0.60
12378 PeCDD	pg/L	1.00	1.00	<1.0	<1.0
123478 HxCDD	pg/L	2.00	3.00	<2.0	<3.0
123678 HxCDD	pg/L	3.00	3.00	<3.0	<3.0
123789 HxCDD	pg/L	3.00	3.00	<3.0	<3.0
1234678 HpCDD	pg/L	4.00	4.00	<4.0	<4.0
OCDD	pg/L	2.0	3.0	167	32.7
Total TCDD	pg/L	0.6	0.6	<0.60	35.7
Total PeCDD	pg/L	1.0	1.0	<1.0	<1.0
Total HxCDD	pg/L	3.0	3.0	<3.0	<3.0
Total HpCDD	pg/L	4.0	4.0	<4.0	<4.0
Total PCDDs	pg/L	4.0	4.0	167	68.3
2378 TeCDF	pg/L	1.0	1.0	<1.0	<1.0
12378 PeCDF	pg/L	0.6	0.6	<0.60	<0.60
23478 PeCDF	pg/L	0.5	0.5	<0.50	<0.50
123478 HxCDF	pg/L	2.0	2.0	<2.0	<2.0
123678 HxCDF	pg/L	2.0	2.0	<2.0	<2.0
123789 HxCDF	pg/L	2.0	1.0	<2.0	<1.0
234678 HxCDF	pg/L	1.0	1.0	<1.0	<1.0
1234678 HpCDF	pg/L	1.0	1.0	<1.0	<1.0
1234789 HpCDF	pg/L	2.0	2.0	<2.0	<2.0
OCDF	pg/L	2.0	2.0	16.1	6.7
Total TCDF	pg/L	1.0	1.0	<1.0	<1.0
Total PeCDF	pg/L	0.6	0.6	<0.60	<0.60
Total HxCDF	pg/L	2.0	2.0	<2.0	<2.0
Total HpCDF	pg/L	2.0	2.0	<2.0	<2.0
Total PCDFs	pg/L	2.0	2.0	16.1	6.7
Total TEQ (ND=0) (WHO Calc)	pg/L			0.06	0
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			1.77	1.73

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2'nd Quarter Sampling Parameter	May 7, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
				Grab	Grab
Total TEQ (ND=DL) (WHO Calc)	pg/L			3.49	3.5
13C12 2378 TeCDD	%			79	71
13C12 12378 PeCDD	%			69	73
13C12 123478 HxCDD	%			83	70
13C12 123678 HxCDD	%			69	66
13C12 1234678 HpCDD	%			82	69
13C12 OCDD	%			67	60
13C12 2378 TeCDF	%			84	80
13C12 12378 PeCDF	%			76	72
13C12 23478 PeCDF	%			82	85
13C12 123478 HxCDF	%			58	51
13C12 123678 HxCDF	%			59	50
13C12 234678 HxCDF	%			87	77
13C12 123789 HxCDF	%			79	77
13C12 1234678 HpCDF	%			82	69
13C12 1234789 HpCDF	%			88	82
37C14 2378 TeCDD	%			64	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	0.52
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	%			119	133
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	%			118	71
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	65.6	<0.50
3,3'-Dichlorobenzidine	ug/L	4.0	0.40	<4.0	<0.40
4,6-Dinitro-2-methylphenol	ug/L	20.0	2.00	<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

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2'nd Quarter Sampling Parameter	May 7, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
				Grab	Grab
4-Chloroaniline	ug/L	4.0	0.40	<4.0	<0.40
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	0.5	0.05	<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	2.5
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	1.00	66	<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	2.00	<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	0.040	<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	20.1	<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	%			89	109
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	7.7	<0.50
Phenol d5	%			28	24
p-Terphenyl d14	%			63	80
Pyrene	ug/L	2.00	0.200	<2.0	<0.20

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2'nd Quarter Sampling Parameter	May 7, 2009		NEWPCC		
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.31	0.31	7.16	1.63
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	75.8	3.74
Nonylphenol Diethoxylates	ug/L	1.2	1.2	5.8	<1.2
Nonylphenol Triethoxylates	ug/L	2	2	2.9	<2.0
t-Octylphenol	ug/L	0.02	0.02	0.20	0.092
t-Octylphenol Monoethoxylate	ug/L	0.10	0.10	0.78	<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	%			67	71
Pesticides, Organochlorine					
2-Fluorobiphenyl	%			73	54
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	0.15	0.10	<0.15	<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	%			54	72
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
pp-DDT	ug/L	0.10	0.10	<0.10	<0.10

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2'nd Quarter Sampling Parameter	May 7, 2009			NEWPCC	
	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	0.57
2,4-Dichlorophenylacetic Acid	%			84	77
Bromoxynil	ug/L	0.50	0.50	1.87	8.85
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	0.5	0.5	1.69	9
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	%			75	68
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	%			99.6	77
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	99
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	0.63	0.72
2-Hexanone	ug/L	20	20	<20	<20
4-Bromofluorobenzene	%			98	100
Acetone	ug/L	20	20	30	<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	0.5	0.5	11.5	8.7
Chloromethane	ug/L	1.0	1.0	<1.0	<1.0
cis-1,2-Dichloroethylene	ug/L	0.50	0.50	1.15	0.87
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	0.84

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2'nd Quarter Sampling Parameter	May 7, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
				Grab	Grab
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	2.89	<0.50
Tetrachloroethylene	ug/L	0.50	0.50	<0.50	<0.50
Toluene	ug/L	0.50	0.50	3.32	0.53
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	11.5	8.7
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 Parameter	August 11, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Miscellaneous					
Chromium, Hexavalent	mg/L	0.001	0.001	<0.0010	<0.0010
Mercury (Hg)-Total	ng/L	1	1	65.1	4.3
Toxaphene	mg/L	0.0005	0.0005	<0.00050	<0.00050
Phenols (4AAP)	mg/L	0.001	0.001	0.0478	0.0031
Total Oil and Grease	mg/L	2	2	36.8	<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	0.003	0.002
Cadmium, Total	mg/L	0.001	0.001	<0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.023	0.010
Copper, Total	mg/L	0.001	0.001	0.081	0.019
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.015	0.010
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	0.176	0.051
Dioxins and Furans					
2378 TeCDD	pg/L	1.0	0.70	<1.0	<0.70
12378 PeCDD	pg/L	0.6	0.50	<0.60	<0.50
123478 HxCDD	pg/L	0.9	0.40	<0.90	2.23
123678 HxCDD	pg/L	1.0	0.60	<1.0	2.41
123789 HxCDD	pg/L	1.0	0.50	<1.0	2.07
1234678 HpCDD	pg/L	2	0.70	15	4.34
OCDD	pg/L	5	0.70	131	16.7
Total TCDD	pg/L	1.0	0.70	<1.0	<0.70
Total PeCDD	pg/L	0.6	0.50	<0.60	<0.50
Total HxCDD	pg/L	1.0	0.60	<1.0	6.71
Total HpCDD	pg/L	2	0.70	33.2	7.53
Total PCDDs	pg/L	5	0.70	164	31
2378 TeCDF	pg/L	2.0	1.0	<2.0	<1.0
12378 PeCDF	pg/L	0.6	0.30	<0.60	<0.30
23478 PeCDF	pg/L	0.6	0.30	<0.60	<0.30
123478 HxCDF	pg/L	0.5	0.50	<0.50	<0.50
123678 HxCDF	pg/L	0.5	0.40	<0.50	1.85
123789 HxCDF	pg/L	0.9	0.40	<0.90	1.98
234678 HxCDF	pg/L	0.6	0.30	<0.60	1.74
1234678 HpCDF	pg/L	0.6	1.00	7.03	3.3
1234789 HpCDF	pg/L	1.0	1.00	<1.0	<1.0
OCDF	pg/L	3.0	0.80	19.7	7.99
Total TCDF	pg/L	2.0	1.00	3.8	<1.0
Total PeCDF	pg/L	0.6	0.30	<0.60	<0.30
Total HxCDF	pg/L	0.9	0.50	<0.90	8.77
Total HpCDF	pg/L	1	1	7.5	3.3
Total PCDFs	pg/L	3	1	31	20.1
Total TEQ (ND=0) (WHO Calc)	pg/L			0.27	1.31
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			1.54	2.04

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3 rd Quarter Sampling	August 11, 2009			NEWPCC		
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
					Grab	Grab
Total TEQ (ND=DL) (WHO Calc)	pg/L				2.81	2.77
13C12 2378 TeCDD	%	1	1		64	50
13C12 12378 PeCDD	%	1	1		61	75
13C12 123478 HxCDD	%	1	1		77	64
13C12 123678 HxCDD	%	1	1		77	59
13C12 1234678 HpCDD	%	1	1		62	70
13C12 OCDD	%	1	1		40	68
13C12 2378 TeCDF	%	1	1		90	34
13C12 12378 PeCDF	%	1	1		72	84
13C12 23478 PeCDF	%	1	1		71	63
13C12 123478 HxCDF	%	1	1		84	37
13C12 123678 HxCDF	%	1	1		92	46
13C12 234678 HxCDF	%	1	1		91	65
13C12 123789 HxCDF	%	1	1		68	68
13C12 1234678 HpCDF	%	1	1		79	62
13C12 1234789 HpCDF	%	1	1		59	79
37C14 2378 TeCDD	%	1	1		59	40
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	0.46
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	%		1		96	93
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	10.0	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	%	1	1		94	78
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		49.9	<0.50
3,3'-Dichlorobenzidine	ug/L	4.0	0.40		<4.0	<0.40
4,6-Dinitro-2-methylphenol	ug/L	20	2.00		<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

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3'rd Quarter Sampling Parameter	August 11, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
				Grab	Grab
4-Chloroaniline	ug/L	4.0	0.40	<4.0	<0.40
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	0.5	0.05	<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	2.00	<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	1.00	50	<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	20.0	2.0	<20	<2.0
Di-n-octylphthalate	ug/L	4.0	0.4	<4.0	<0.40
Diphenyl ether	ug/L	4.0	0.4	<4.0	<0.40
Diphenylamine	ug/L	4.0	0.4	<4.0	<0.40
Fluoranthene	ug/L	2.0	0.2	<2.0	<0.20
Fluorene	ug/L	2.0	0.2	<2.0	<0.20
Hexachlorobenzene	ug/L	0.4	0.0	<0.40	<0.040
Hexachlorobutadiene	ug/L	2.0	0.2	<2.0	<0.20
Hexachlorocyclopentadiene	ug/L	4.0	0.4	<4.0	<0.40
Hexachloroethane	ug/L	4.0	0.4	<4.0	<0.40
Indeno(1,2,3-cd)pyrene	ug/L	2.0	0.2	<2.0	<0.20
Indole	ug/L	4.0	0.4	16.9	<0.40
Isophorone	ug/L	4.0	0.4	<4.0	<0.40
Naphthalene	ug/L	2.0	0.2	<2.0	<0.20
Nitrobenzene	ug/L	4.0	0.4	<4.0	<0.40
Nitrobenzene d5	%	10	1	86	93
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	6.2	<0.50
Phenol d5	%	10	1	0	17
p-Terphenyl d14	%	10	1	58	79
Pyrene	ug/L	2.0	0.20	<2.0	<0.20

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3'rd Quarter Sampling Parameter	August 11, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.17	12	0.8
Nonylphenol Monoethoxylates	ug/L	0.5	0.50	9.98	<0.50
Nonylphenol Diethoxylates	ug/L	1.2	1.2	<1.2	<1.2
Nonylphenol Triethoxylates	ug/L	2	2	<2.0	<2.0
t-Octylphenol	ug/L	0.02	0.02	0.866	0.089
t-Octylphenol Monoethoxylate	ug/L	0.10	0.10	<0.10	<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			18	0.89
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.000050	<0.000050
Aroclor 1221	mg/L	0.00005	0.00005	<0.000050	<0.000050
Aroclor 1232	mg/L	0.00005	0.00005	<0.000050	<0.000050
Aroclor 1242	mg/L	0.00005	0.00005	<0.000050	<0.000050
Aroclor 1248	mg/L	0.00005	0.00005	<0.000050	<0.000050
Aroclor 1254	mg/L	0.00005	0.00005	<0.000050	<0.000050
Aroclor 1260	mg/L	0.00005	0.00005	<0.000050	<0.000050
Aroclor 1262	mg/L	0.00005	0.00005	<0.000050	<0.000050
Aroclor 1268	mg/L	0.00005	0.00005	<0.000050	<0.000050
Total PCBs	mg/L	0.00005	0.00005	<0.000050	<0.000050
Decachlorobiphenyl	%			NA	NA
Pesticides, Organochlorine					
2-Fluorobiphenyl	%	10	1	48	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	1.5	0.10	<1.5	<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	51	90
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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3'rd Quarter Sampling Parameter	August 11, 2009			NEWPCC	
	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	%	1	1	122	108
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	104	76
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.00050	<0.00050
Dinitropyrene	mg/L	0.020	0.02	<0.020	<0.020
Octachlorostyrene	mg/L	0.0005	0.0005	<0.00050	<0.00050
p-Terphenyl d14	%	1	1	103	92
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	101	100
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	0.56	0.55
2-Hexanone	ug/L	20	20	<20	<20
4-Bromofluorobenzene	%	1	1	103	102
Acetone	ug/L	40	20	122	<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	1.00	1.00	<1.0	<1.0
Carbon Disulfide	ug/L	0.50	0.50	0.55	<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	0.5	0.50	8.31	5.65
Chloromethane	ug/L	1.0	1.00	<1.0	<1.0
cis-1,2-Dichloroethylene	ug/L	0.5	0.50	2.56	<0.50
cis-1,3-Dichloropropene	ug/L	0.5	0.50	<0.50	<0.50
Dibromochloromethane	ug/L	0.5	0.50	<0.50	<0.50
Dichlorodifluoromethane	ug/L	1.0	1.00	<1.0	<1.0
Dichloromethane	ug/L	0.5	0.50	<0.50	<0.50

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3'rd Quarter Sampling Parameter	August 11, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
				Grab	Grab
Ethyl Benzene	ug/L	0.5	0.50	<0.50	<0.50
m+p-Xylenes	ug/L	1	1.00	1	<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	0.54	<0.50
Styrene	ug/L	0.50	0.50	<0.50	<0.50
Tetrachloroethylene	ug/L	0.50	0.50	0.71	0.63
Toluene	ug/L	0.50	0.50	13.6	<0.50
Toluene-d8	%	1	1	96	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	1.00	1.0	<1.0	<1.0
Trihalomethanes (total)	ug/L	2	2	8.3	5.7
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 Parameter	November 10, 2009			NEWPCC	
	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	15.3	6.4
Toxaphene	mg/L	0.5	0.5	<0.50	<0.50
Phenols (4AAP)	mg/L	0.001	0.001	0.0472	0.0019
Total Oil and Grease	mg/L	1	1	64.5	<1.0
Tributyltin	ug/L	0.001	0.001	0.006	<0.001
TetraEthyl Lead	ug/L	5.0	5.0	<5.0	<5.0
Trout Bioassay	Pass/Fail			NA	Fail
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	0.031	0.008
Copper, Total	mg/L	0.001	0.001	0.143	0.020
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.023	0.013
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	0.131	0.034
Dioxins and Furans					
2378 TeCDD	pg/L	0.80	0.60	<0.80	<0.60
12378 PeCDD	pg/L	0.30	0.20	<0.30	<0.20
123478 HxCDD	pg/L	0.30	0.20	0.73	<0.20
123678 HxCDD	pg/L	0.30	0.20	<0.30	<0.20
123789 HxCDD	pg/L	0.30	0.20	<0.30	<0.20
1234678 HpCDD	pg/L	0.40	0.20	10	3.02
OCDD	pg/L	1.0	0.3	75.4	12.3
Total TCDD	pg/L	0.80	0.60	<0.80	<0.60
Total PeCDD	pg/L	0.30	0.20	<0.30	<0.20
Total HxCDD	pg/L	0.30	0.20	1.79	<0.20
Total HpCDD	pg/L	0.4	0.2	19.7	5.99
Total PCDDs	pg/L	1.0	0.6	96.8	18.3
2378 TeCDF	pg/L	0.40	0.40	<0.40	<0.60
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	0.20	0.10	1.28	0.54
123678 HxCDF	pg/L	0.10	0.1	1.11	0.4
123789 HxCDF	pg/L	0.20	0.10	<0.20	0.44
234678 HxCDF	pg/L	0.2	0.10	0.8	0.41
1234678 HpCDF	pg/L	0.20	0.10	3.14	<0.10
1234789 HpCDF	pg/L	0.30	0.10	<0.30	<0.10
OCDF	pg/L	0.60	0.30	11.6	<0.30
Total TCDF	pg/L	0.40	0.40	<0.40	<0.60
Total PeCDF	pg/L	0.20	0.20	<0.20	<0.20
Total HxCDF	pg/L	0.20	0.1	7.01	1.9
Total HpCDF	pg/L	0.30	0.10	3.37	<0.10
Total PCDFs	pg/L	0.60	0.40	21.9	1.9
Total TEQ (ND=0) (WHO Calc)	pg/L			0.54	0.21
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			1.19	0.71

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4'th Quarter Sampling	November 10, 2009			NEWPCC		
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
					Grab	Grab
Total TEQ (ND=DL) (WHO Calc)	pg/L				1.83	1.20
13C12 2378 TeCDD	%				41	52
13C12 12378 PeCDD	%				60	83
13C12 123478 HxCDD	%				63	70
13C12 123678 HxCDD	%				51	61
13C12 1234678 HpCDD	%				59	67
13C12 OCDD	%				52	59
13C12 2378 TeCDF	%				58	34
13C12 12378 PeCDF	%				70	78
13C12 23478 PeCDF	%				70	67
13C12 123478 HxCDF	%				59	66
13C12 123678 HxCDF	%				63	69
13C12 234678 HxCDF	%				58	64
13C12 123789 HxCDF	%				65	68
13C12 1234678 HpCDF	%				55	70
13C12 1234789 HpCDF	%				64	78
37C14 2378 TeCDD	%				35	46
EPA 8270 Extractables						
1,2,3-Trichlorobenzene	ug/L	4.0	0.4		<4.0	<0.40
1,2,4-Trichlorobenzene	ug/L	4.0	0.4		<4.0	<0.40
1,2-Dichlorobenzene	ug/L	4.0	0.4		<4.0	<0.40
1,3-Dichlorobenzene	ug/L	4.0	0.4		<4.0	<0.40
1,4-Dichlorobenzene	ug/L	4.0	0.4		<4.0	<0.40
1-Chloronaphthalene	ug/L	4.0	0.4		<4.0	<0.40
1-Methylnaphthalene	ug/L	4.0	0.4		<4.0	<0.40
2,3,4,5-Tetrachlorophenol	ug/L	5.0	0.5		<5.0	<0.50
2,3,4,6-Tetrachlorophenol	ug/L	5.0	0.5		<5.0	<0.50
2,3,4-Trichlorophenol	ug/L	5.0	0.5		<5.0	<0.50
2,3,5,6-Tetrachlorophenol	ug/L	5.0	0.5		<5.0	<0.50
2,3,5-Trichlorophenol	ug/L	5.0	0.5		<5.0	<0.50
2,4,5-Trichlorophenol	ug/L	5.0	0.5		<5.0	<0.50
2,4,6-Tribromophenol	%				137	157
2,4,6-Trichlorophenol	ug/L	5.0	0.5		<5.0	<0.50
2,4-Dichlorophenol	ug/L	3.0	0.3		<3.0	<0.30
2,4-Dimethylphenol	ug/L	5.0	0.5		<5.0	<0.50
2,4-Dinitrophenol	ug/L	10	1.0		<10	<1.0
2,4-Dinitrotoluene	ug/L	4.0	0.4		<4.0	<0.40
2,6-Dichlorophenol	ug/L	5.0	0.5		<5.0	<0.50
2,6-Dinitrotoluene	ug/L	4.0	0.4		<4.0	<0.40
2-Chloronaphthalene	ug/L	4.0	0.4		<4.0	<0.40
2-Chlorophenol	ug/L	3.0	0.3		<3.0	<0.30
2-Fluorobiphenyl	%				110	67
2-Methylnaphthalene	ug/L	4.0	0.4		<4.0	<0.40
2-Methylphenol	ug/L	5.0	0.5		<5.0	<0.50
2-Nitrophenol	ug/L	5.0	0.5		<5.0	<0.50
3&4-Methylphenol	ug/L	5	0.5		105	<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	0.4		<4.0	<0.40
4-Chloro-3-methylphenol	ug/L	5.0	0.5		<5.0	<0.50

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4'th Quarter Sampling	November 10, 2009			NEWPCC		
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
					Grab	Grab
4-Chloroaniline	ug/L	4.0	0.4	<4.0	<0.40	
4-Chlorophenyl phenyl ether	ug/L	4.0	0.4	<4.0	<0.40	
4-Nitrophenol	ug/L	5.0	0.5	<5.0	<0.50	
5-Nitroacenaphthene	ug/L	4.0	0.4	<4.0	<0.40	
Acenaphthene	ug/L	2.0	0.2	<2.0	<0.20	
Acenaphthylene	ug/L	2.0	0.2	<2.0	<0.20	
Anthracene	ug/L	2.0	0.2	<2.0	<0.20	
Benzo(a)anthracene	ug/L	2.0	2.0	<2.0	<2.0	
Benzo(a)pyrene	ug/L	0.5	0.5	<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	0.4	<4.0	<0.40	
Bis(2-chloroethoxy)methane	ug/L	4.0	0.4	<4.0	<0.40	
Bis(2-chloroethyl)ether	ug/L	4.0	0.4	<4.0	<0.40	
Bis(2-chloroisopropyl)ether	ug/L	4.0	0.4	<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	0.4	<4.0	<0.40	
Chrysene	ug/L	2.0	2.0	<2.0	<2.0	
Cresols (total)	ug/L	1	1.0	105	<1.0	
Dibenzo(a,h)anthracene	ug/L	2.0	2.0	<2.0	<2.0	
Dibenzofuran	ug/L	2.0	0.2	<2.0	<0.20	
Diethylphthalate	ug/L	2.0	0.2	<2.0	<0.20	
Dimethylphthalate	ug/L	2.0	0.2	<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	0.4	<4.0	<0.40	
Diphenylamine	ug/L	4.0	0.4	<4.0	<0.40	
Fluoranthene	ug/L	2.0	2.0	<2.0	<2.0	
Fluorene	ug/L	2.0	0.2	<2.0	<0.20	
Hexachlorobenzene	ug/L	0.4	0.0	<0.40	<0.040	
Hexachlorobutadiene	ug/L	2.0	0.2	<2.0	<0.20	
Hexachlorocyclopentadiene	ug/L	4.0	0.5	<4.0	<0.50	
Hexachloroethane	ug/L	4.0	0.4	<4.0	<0.40	
Indeno(1,2,3-cd)pyrene	ug/L	2.0	2.0	<2.0	<2.0	
Indole	ug/L	4	0.40	39.6	<0.40	
Isophorone	ug/L	4.0	0.4	<4.0	<0.40	
Naphthalene	ug/L	2.0	0.2	<2.0	<0.20	
Nitrobenzene	ug/L	4.0	0.4	<4.0	<0.40	
Nitrobenzene d5	%			95	105	
N-Nitroso-di-n-propylamine	ug/L	4.0	0.4	<4.0	<0.40	
Pentachlorophenol	ug/L	5.0	0.5	<5.0	<0.50	
Perylene	ug/L	2.0	2.0	<2.0	<2.0	
Phenanthrene	ug/L	2.0	0.2	<2.0	<0.20	
Phenol	ug/L	5	0.50	13.5	<0.50	
Phenol d5	%			22	24	
p-Terphenyl d14	%			75	76	
Pyrene	ug/L	2.0	2.0	<2.0	<2.0	

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4'th Quarter Sampling	November 10, 2009			NEWPCC		
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Low Level Nonylphenols and Ethoxylates						
Nonylphenols	ug/L	0.1	0.1	1.85	1	
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	7.51	0.9	
Nonylphenol Diethoxylates	ug/L	1.2	1.2	<1.2	<1.2	
Nonylphenol Triethoxylates	ug/L	2	2	<2.0	<2.0	
t-Octylphenol	ug/L	0.020	0.020	0.203	0.091	
t-Octylphenol Monoethoxylate	ug/L	0.10	0.10	0.12	<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			5.9	1.5	
PCB						
Aroclor 1016	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Aroclor 1221	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Aroclor 1232	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Aroclor 1242	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Aroclor 1248	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Aroclor 1254	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Aroclor 1260	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Aroclor 1262	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Aroclor 1268	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Total PCBs	mg/L	0.00025	0.0001	<0.00025	<0.00010	
Decachlorobiphenyl	%			68	81	
Pesticides, Organochlorine						
2-Fluorobiphenyl	%			52	55	
a-chlordane	ug/L	1.0	0.1	<1.0	<0.10	
Aldrin	ug/L	1.0	0.1	<1.0	<0.10	
alpha-BHC	ug/L	1.0	0.1	<1.0	<0.10	
alpha-Endosulfan	ug/L	1.0	0.1	<1.0	<0.10	
beta-BHC	ug/L	1.0	0.1	<1.0	<0.10	
beta-Endosulfan	ug/L	1.0	0.1	<1.0	<0.10	
d14-Terphenyl	%			65	83	
delta-BHC	ug/L	1.0	0.1	<1.0	<0.10	
Dieldrin	ug/L	1.0	0.1	<1.0	<0.10	
Endosulfan Sulfate	ug/L	1.0	0.1	<1.0	<0.10	
Endrin	ug/L	1.0	0.1	<1.0	<0.10	
Endrin Aldehyde	ug/L	1.0	0.1	<1.0	<0.10	
g-chlordane	ug/L	1.0	0.1	<1.0	<0.10	
Heptachlor	ug/L	1.0	0.1	<1.0	<0.10	
Heptachlor Epoxide	ug/L	1.0	0.1	<1.0	<0.10	
Lindane	ug/L	1.0	0.1	<1.0	<0.10	
Methoxychlor	ug/L	1.0	0.1	<1.0	<0.10	
Mirex	ug/L	1.0	0.1	<1.0	<0.10	
o,p-DDE	ug/L	1.0	0.1	<1.0	<0.10	
op-DDD	ug/L	1.0	0.1	<1.0	<0.10	
op-DDT	ug/L	1.0	0.1	<1.0	<0.10	
Oxychlordane	ug/L	1.0	0.1	<1.0	<0.10	
pp-DDD	ug/L	1.0	0.1	<1.0	<0.10	
pp-DDE	ug/L	1.0	0.1	<1.0	<0.10	
pp-DDT	ug/L	1.0	0.1	<1.0	<0.10	

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4'th Quarter Sampling Parameter	November 10, 2009			NEWPCC	
	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	%			117	85
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	%			103	92
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.01	0.00	<0.0050	<0.00050
Dinitropyrene	mg/L	0.01	0.00	<0.20	<0.00050
Octachlorostyrene	mg/L	0.20	0.02	<0.0050	<0.020
p-Terphenyl d14	%			148	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	%			120	97
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	0.5	0.92	0.7
2-Hexanone	ug/L	20	20	<20	<20
4-Bromofluorobenzene	%			99	102
Acetone	ug/L	100	20	220	<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	1.00	1.00	<1.0	<1.0
Carbon Disulfide	ug/L	0.50	0.50	1.15	<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	8.55	6.96
Chloromethane	ug/L	1.00	1.00	<1.0	<1.0
cis-1,2-Dichloroethylene	ug/L	0.50	0.50	1.97	<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	0.54	1.75

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4'th Quarter Sampling Parameter	November 10, 2009			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
				Grab	Grab
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	<0.50	<0.50
Tetrachloroethylene	ug/L	0.50	0.50	1.27	0.87
Toluene	ug/L	0.50	0.50	5.72	<0.50
Toluene-d8	%			106	100
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	1.00	1.00	<1.0	<1.0
Trihalomethanes (total)	ug/L	2.00	2.00	8.6	7
Vinyl chloride	ug/L	0.50	0.50	0.62	<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.*