

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

1'st Quarter Sampling Parameter	March 15, 2006			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
Total Oil and Grease	mg/L	1	1	40	<1
Tributyl Tin (Sn)	mg/L	0.00004	0.00004	<0.00004	0.0003
Mercury (Hg)-Total	ng/L	0.5	0.5	27	5.5
Toxaphene	mg/L	0.001	0.001	<0.001	<0.001
Tetraethyl Lead (Pb)	mg/L	0.00004	0.00004	<0.00004	<0.00004
Phenols (4AAP)	mg/L	0.001	0.001	0.075	0.008
Trout Bioassay	Pass/Fail			NA	Fail
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.002	0.001
Cadmium, Total	mg/L	0.001	0.001	0.003	<0.001
Chromium, Total	mg/L	0.001	0.001	0.028	0.012
Copper, Total	mg/L	0.001	0.001	0.181	0.040
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.025	0.017
Lead, Total	mg/L	0.001	0.001	0.010	0.002
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.364	0.162
Dioxins and Furans					
2378 TeCDD	pg/L	0.63	0.32	<0.63	<0.32
12378 PeCDD	pg/L	0.42	0.25	<0.42	<0.25
123478 HxCDD	pg/L	0.41	0.18	<0.41	0.31
123678 HxCDD	pg/L	0.39	0.17	<0.39	<0.17
123789 HxCDD	pg/L	0.41	0.17	<0.41	<0.17
1234678 HpCDD	pg/L	0.58	0.29	16	1.3
OCDD	pg/L	1.01	0.44	140	7.6
Total TCDD	pg/L	0.63	0.32	<0.63	<0.32
Total PeCDD	pg/L	0.42	0.25	<0.42	<0.25
Total HxCDD	pg/L	0.41	0.18	<0.41	0.31
Total HpCDD	pg/L	0.58	0.29	17	1.4
Total PCDDs	pg/L	1.01	0.44	160	9.4
2378 TeCDF	pg/L	0.33	0.21	<0.33	<0.21
12378 PeCDF	pg/L	0.25	0.25	<0.25	<0.25
23478 PeCDF	pg/L	0.21	0.18	<0.21	<0.18
123478 HxCDF	pg/L	0.22	0.15	<0.22	<0.15
123678 HxCDF	pg/L	0.21	0.14	<0.21	<0.14
123789 HxCDF	pg/L	0.29	0.17	<0.29	<0.17
234678 HxCDF	pg/L	0.23	0.12	<0.23	<0.12
1234678 HpCDF	pg/L	0.32	0.18	<0.32	<0.18
1234789 HpCDF	pg/L	0.44	0.23	<0.44	<0.23
OCDF	pg/L	0.93	0.28	22	2.3
Total TCDF	pg/L	0.33	0.21	<0.33	<0.21
Total PeCDF	pg/L	0.25	0.25	<0.25	<0.25
Total HxCDF	pg/L	0.29	0.17	<0.29	<0.17
Total HpCDF	pg/L	0.44	0.23	6.3	5.8
Total PCDFs	pg/L	0.93	0.28	28	8.1
Total TEQ (ND=0) (WHO Calc)	pg/L			0.2	0.047

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Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			0.91	0.44
Total TEQ (ND=DL) (WHO Calc)	pg/L			1.6	0.84
13C12 2378 TeCDD	%			90	70
13C12 12378 PeCDD	%			93	83
13C12 123478 HxCDD	%			79	91
13C12 123678 HxCDD	%			79	98
13C12 1234678 HpCDD	%			103	66
13C12 OCDD	%			110	86
13C12 2378 TeCDF	%			119	77
13C12 12378 PeCDF	%			126	79
13C12 23478 PeCDF	%			123	72
13C12 123478 HxCDF	%			92	64
13C12 123678 HxCDF	%			91	77
13C12 234678 HxCDF	%			94	94
13C12 123789 HxCDF	%			97	85
13C12 1234678 HpCDF	%			95	72
13C12 1234789 HpCDF	%			115	74
37C14 2378 TeCDD	%			88	59
EPA 8270 Extractables					
1,2,3-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2,4-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
4-Chloroaniline	ug/L	4	0.4	<4	<0.4
1,3-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
1,4-Dichlorobenzene	ug/L	4	0.4	<4	0.6
1-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
1-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
2,3,4,5-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4,6-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dimethylphenol	ug/L	5	0.5	<5	1.3
2,4-Dinitrophenol	ug/L	10	1	<10	<1
2,4-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
2,6-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,6-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
2-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
2-Chlorophenol	ug/L	3	0.3	<3	<0.3
2-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
2-Methylphenol	ug/L	5	0.5	<5	<0.5
2-Nitrophenol	ug/L	5	0.5	<5	<0.5
3,3'-Dichlorobenzidine	ug/L	4	0.4	<4	<0.4
3&4-Methylphenol	ug/L	5	0.5	93	<0.5
4,6-Dinitro-2-methylphenol	ug/L	20	2	<20	<2
4-Bromophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Chloro-3-methylphenol	ug/L	5	0.5	<5	<0.5

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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	2	0.2	<2	<0.2
Acenaphthylene	ug/L	2	0.2	<2	<0.2
Anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)pyrene	ug/L	0.1	0.01	<0.1	<0.01
Benzo(b)fluoranthene	ug/L	2	0.2	<2	<0.2
Benzo(ghi)perylene	ug/L	2	0.2	<2	<0.2
Benzo(k)fluoranthene	ug/L	2	0.2	<2	<0.2
Biphenyl	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethoxy)methane	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-chloroisopropyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-ethylhexyl)phthalate	ug/L	20	2	<20	<2
Butylbenzyl phthalate	ug/L	4	0.4	<4	<0.4
Camphene	ug/L	4	0.4	<4	<0.4
Chrysene	ug/L	2	0.2	<2	<0.2
Dibenzo(a,h)anthracene	ug/L	2	0.2	<2	<0.2
Diethylphthalate	ug/L	2	0.2	4	<0.2
Dimethylphthalate	ug/L	2	0.2	<2	<0.2
Di-n-butylphthalate	ug/L	20	2	<20	<2
Di-n-octylphthalate	ug/L	4	0.4	<4	<0.4
Diphenyl ether	ug/L	4	0.4	<4	<0.4
Diphenylamine	ug/L	4	0.4	<4	<0.4
Fluoranthene	ug/L	2	0.2	<2	<0.2
Fluorene	ug/L	2	0.2	<2	<0.2
Hexachlorobenzene	ug/L	1	0.1	<1	<0.1
Hexachlorobutadiene	ug/L	2	0.2	<2	<0.2
Hexachlorocyclopentadiene	ug/L	4	0.4	<4	<0.4
Hexachloroethane	ug/L	4	0.4	<4	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	2	0.2	<2	<0.2
Indole	ug/L	4	0.4	82	<0.4
Isophorone	ug/L	4	0.4	<4	<0.4
Naphthalene	ug/L	2	0.2	<2	<0.2
Nitrobenzene	ug/L	4	0.4	<4	<0.4
N-Nitroso-di-n-propylamine	ug/L	4	0.4	<4	<0.4
Pentachlorophenol	ug/L	5	0.5	<5	<0.5
Perylene	ug/L	2	0.2	<2	<0.2
Phenanthrene	ug/L	2	0.2	<2	<0.2
Phenol	ug/L	5	0.5	23	<0.5
Pyrene	ug/L	2	0.2	<2	<0.2
Nitrobenzene d5	%			N/A	79
2-Fluorobiphenyl	%			N/A	62
p-Terphenyl d14	%			67	68
Phenol d5	%			N/A	19
2,4,6-Tribromophenol	%			93	48
Cresols (total)	ug/L	10	1	110	<1
Low Level Nonylphenols and Ethoxylates					

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Nonylphenols	mg/L	0.1	0.1	<0.1	<0.1
Nonylphenol Monoethoxylates	mg/L	0.5	0.5	<0.5	<0.5
Nonylphenol Diethoxylates	mg/L	1.2	1.2	<1	<1
Nonylphenol Triethoxylates	mg/L	2	2	<2	<2
t-Octylphenol	mg/L	0.02	0.02	<0.02	<0.02
t-Octylphenol Monoethoxylate	mg/L	0.1	0.1	<0.1	<0.1
t-Octylphenol Diethoxylate	mg/L	0.2	0.2	<0.2	<0.2
t-Octylphenol Triethoxylate	mg/L	0.5	0.5	<0.5	<0.5
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005
Pesticides, Organochlorine					
op-DDT	ug/L	0.1	0.1	<0.1	<0.1
pp-DDD	ug/L	0.1	0.1	<0.1	<0.1
pp-DDE	ug/L	0.1	0.1	<0.1	<0.1
pp-DDT	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor Epoxide	ug/L	0.1	0.1	<0.1	<0.1
a-chlordane	ug/L	0.1	0.1	<0.1	<0.1
g-chlordane	ug/L	0.1	0.1	<0.1	<0.1
Aldrin	ug/L	0.1	0.1	<0.1	<0.1
Dieldrin	ug/L	0.1	0.1	<0.1	<0.1
Lindane	ug/L	0.1	0.1	<0.1	<0.1
Methoxychlor	ug/L	0.1	0.1	<0.1	<0.1
alpha-BHC	ug/L	0.1	0.1	<0.1	<0.1
beta-BHC	ug/L	0.1	0.1	<0.1	<0.1
delta-BHC	ug/L	0.1	0.1	<0.1	<0.1
Oxychlordane	ug/L	0.1	0.1	<0.1	<0.1
Endrin	ug/L	0.1	0.1	<0.1	<0.1
beta-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
alpha-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
o,p-DDE	ug/L	0.1	0.1	<0.1	<0.1
Endrin Aldehyde	ug/L	0.1	0.1	<0.1	<0.1
Endosulfan Sulfate	ug/L	0.1	0.1	<0.1	<0.1
Mirex	ug/L	0.1	0.1	<0.1	<0.1
op-DDD	ug/L	0.1	0.1	<0.1	<0.1
2-Fluorobiphenyl	%			54	69
d14-Terphenyl	%			74	66
Phenoxyacid Herbicides by GC/MS 2,4,5-TP	ug/L	5	0.5	<5	<0.5

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1'st Quarter Sampling Parameter	March 15, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
MCPA	ug/L	5	0.5	<5	0.5
2,4,5-T	ug/L	5	0.5	<5	<0.5
2,4-D	ug/L	5	0.5	<5	<0.5
Bromoxynil	ug/L	5	0.5	<5	<0.5
Dicamba	ug/L	5	0.5	<5	<0.5
Dinoseb	ug/L	5	0.5	<5	<0.5
Picloram	ug/L	5	0.5	<5	<0.5
2,4-Dichlorophenylacetic Acid	%			86	75
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.0005	<0.0005
Dinitropyrene	mg/L	0.02	0.02	<0.02	<0.02
2-Fluorobiphenyl	%			35	64
p-Terphenyl d14	%			70	101
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,1-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dibromoethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloropropane	ug/L	0.5	0.5	<0.5	<0.5
1,3-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,4-Dichlorobenzene	ug/L	0.5	0.5	1.2	0.8
2-Chloroethylvinyl Ether	ug/L	20	20	<20	<20
2-Hexanone	ug/L	20	20	<20	<20
Acetone	ug/L	20	20	50	<20
Benzene	ug/L	0.5	0.5	<0.5	<0.5
Bromodichloromethane	ug/L	0.5	0.5	<0.5	<0.5
Bromoform	ug/L	0.5	0.5	<0.5	<0.5
Bromomethane	ug/L	1	1	<1	<1
Carbon Disulfide	ug/L	0.5	0.5	<0.5	<0.5
Carbon tetrachloride	ug/L	0.5	0.5	<0.5	<0.5
Chlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
Chloroethane	ug/L	1	1	<1	<1
Chloroform	ug/L	0.5	0.5	16.4	15.4
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	2	<0.5
cis-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Dibromochloromethane	ug/L	0.5	0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/L	1	1	<1	<1
Dichloromethane	ug/L	0.5	0.5	1.8	1.9
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

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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	0.9
Toluene	ug/L	0.5	0.5	6.2	<0.5
trans-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Trichloroethylene	ug/L	0.5	0.5	<0.5	1
Trichlorofluoromethane	ug/L	1	1	<1	<1
Trihalomethanes (total)	ug/L	2	2	16.4	15.4
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5
1,2-Dichloroethane d4	%			105	106
Toluene-d8	%			103	96
4-Bromofluorobenzene	%			101	94

NOTES:

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

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

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

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2'nd Quarter Sampling Parameter	June 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Miscellaneous					
Chromium, Hexavalent	mg/L	0.01	0.01	<0.01	<0.01
Mercury (Hg)-Total	ng/L	0.5	0.5	76	5.6
Toxaphene	mg/L	0.001	0.001	<0.001	<0.001
Phenols (4AAP)	mg/L	0.001	0.001	0.055	0.004
Tributyltin (as Sn)	ug/L	0.05	0.05	<0.05	<0.05
Tetraethyl Lead (as Pb)	ug/L	0.05	0.05	<0.05	0.63
Total Oil and Grease	mg/L	1	1	36	<1
Trout Bioassay	Pass/Fail			NA	Fail
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	0.051	0.008
Copper, Total	mg/L	0.001	0.001	0.154	0.024
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.022	0.018
Lead, Total	mg/L	0.001	0.001	0.016	0.002
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.185	0.082
Dioxins and Furans					
2378 TeCDD	pg/L	0.2	0.3	<0.20	<0.30
12378 PeCDD	pg/L	0.3	0.3	<0.30	<0.30
123478 HxCDD	pg/L	0.2	0.2	<0.20	<0.20
123678 HxCDD	pg/L	0.2	0.2	<0.20	<0.20
123789 HxCDD	pg/L	0.2	0.2	<0.20	<0.20
1234678 HpCDD	pg/L	0.3	0.4	10	2
OCDD	pg/L	0.6	0.7	78	10
Total TCDD	pg/L	0.2	0.3	<0.20	<0.30
Total PeCDD	pg/L	0.3	0.3	<0.30	<0.30
Total HxCDD	pg/L	0.2	0.2	3.2	<0.20
Total HpCDD	pg/L	0.3	0.4	21	2
Total PCDDs	pg/L	0.6	0.7	100	12
2378 TeCDF	pg/L	0.1	0.2	<0.10	<0.20
12378 PeCDF	pg/L	0.3	0.3	<0.30	<0.30
23478 PeCDF	pg/L	0.2	0.2	1.1	<0.20
123478 HxCDF	pg/L	0.1	0.2	<0.10	<0.20
123678 HxCDF	pg/L	0.1	0.2	0.46	<0.20
123789 HxCDF	pg/L	0.2	0.2	<0.20	<0.20
234678 HxCDF	pg/L	0.1	0.2	<0.10	<0.20
1234678 HpCDF	pg/L	0.2	0.2	3.5	<0.20
1234789 HpCDF	pg/L	0.3	0.3	<0.30	<0.30
OCDF	pg/L	0.5	0.7	18	<0.70
Total TCDF	pg/L	0.1	0.2	<0.10	<0.20
Total PeCDF	pg/L	0.3	0.3	<0.30	<0.30
Total HxCDF	pg/L	0.2	0.2	2.4	<0.20
Total HpCDF	pg/L	0.3	0.3	<0.30	<0.30
Total PCDFs	pg/L	0.5	0.7	20	<0.70
Total TEQ (ND=0) (WHO Calc)	pg/L			0.74	0.021

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2'nd Quarter Sampling Parameter	June 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			1	0.46
Total TEQ (ND=DL) (WHO Calc)	pg/L			1.4	0.9
13C12 2378 TeCDD	%			65	61
13C12 12378 PeCDD	%			60	58
13C12 123478 HxCDD	%			70	61
13C12 123678 HxCDD	%			76	71
13C12 1234678 HpCDD	%			65	64
13C12 OCDD	%			53	54
13C12 2378 TeCDF	%			63	61
13C12 12378 PeCDF	%			64	62
13C12 23478 PeCDF	%			66	63
13C12 123478 HxCDF	%			70	62
13C12 123678 HxCDF	%			72	67
13C12 234678 HxCDF	%			72	68
13C12 123789 HxCDF	%			68	66
13C12 1234678 HpCDF	%			65	63
13C12 1234789 HpCDF	%			64	61
EPA 8270 Extractables					
1-Chloronaphthalene	ug/L	40	0.4	<40	<0.4
1-Methylnaphthalene	ug/L	40	0.4	<40	<0.4
1,2-Dichlorobenzene	ug/L	40	0.4	<40	<0.4
1,2,3-Trichlorobenzene	ug/L	40	0.4	<40	<0.4
1,2,4-Trichlorobenzene	ug/L	40	0.4	<40	<0.4
1,3-Dichlorobenzene	ug/L	40	0.4	<40	<0.4
1,4-Dichlorobenzene	ug/L	40	0.4	<40	0.9
2-Chloronaphthalene	ug/L	40	0.4	<40	<0.4
2-Chlorophenol	ug/L	30	0.3	<30	<0.3
2-Methylnaphthalene	ug/L	40	0.4	<40	<0.4
2-Methylphenol	ug/L	50	0.5	<50	<0.5
2-Nitrophenol	ug/L	50	0.5	<50	<0.5
2,3,4-Trichlorophenol	ug/L	50	0.5	<50	<0.5
2,3,4,5-Tetrachlorophenol	ug/L	50	0.5	<50	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	50	0.5	<50	<0.5
2,3,5-Trichlorophenol	ug/L	50	0.5	<50	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	50	0.5	<50	<0.5
2,4-Dichlorophenol	ug/L	50	0.5	<50	<0.5
2,4-Dimethylphenol	ug/L	50	0.5	<50	<0.5
2,4-Dinitrophenol	ug/L	100	1	<100	<1
2,4-Dinitrotoluene	ug/L	40	0.4	<40	<0.4
2,4,5-Trichlorophenol	ug/L	50	0.5	<50	<0.5
2,4,6-Trichlorophenol	ug/L	50	0.5	<50	<0.5
2,6-Dichlorophenol	ug/L	50	0.5	<50	<0.5
2,6-Dinitrotoluene	ug/L	40	0.4	<40	<0.4
3,3'-Dichlorobenzidine	ug/L	40	0.4	<40	<0.4
3&4-Methylphenol	ug/L	50	0.5	110	<0.5
4-Bromophenyl phenyl ether	ug/L	40	0.4	<40	<0.4
4-Chloro-3-methylphenol	ug/L	50	0.5	<50	<0.5
4-Chloroaniline	ug/L	40	0.4	<40	<0.4
4-Chlorophenyl phenyl ether	ug/L	40	0.4	<40	<0.4
4-Nitrophenol	ug/L	50	0.5	<50	<0.5

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2'nd Quarter Sampling Parameter	June 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
4,6-Dinitro-2-methylphenol	ug/L	200	2	<200	<2
5-Nitroacenaphthene	ug/L	40	0.4	<40	<0.4
Acenaphthene	ug/L	20	0.2	<20	<0.2
Acenaphthylene	ug/L	20	0.2	<20	<0.2
Anthracene	ug/L	20	0.2	<20	<0.2
Benzo(a)anthracene	ug/L	20	0.2	<20	<0.2
Benzo(a)pyrene	ug/L	1	0.01	<1	<0.01
Benzo(b)fluoranthene	ug/L	20	0.2	<20	<0.2
Benzo(ghi)perylene	ug/L	20	0.2	<20	<0.2
Benzo(k)fluoranthene	ug/L	20	0.2	<20	<0.2
Biphenyl	ug/L	40	0.4	<40	<0.4
Bis(2-chloroethoxy)methane	ug/L	40	0.4	<40	<0.4
Bis(2-chloroethyl)ether	ug/L	40	0.4	<40	<0.4
Bis(2-chloroisopropyl)ether	ug/L	40	0.4	<40	<0.4
Bis(2-ethylhexyl)phthalate	ug/L	200	2	<200	<2
Butylbenzyl phthalate	ug/L	40	0.4	<40	<0.4
Camphene	ug/L	40	0.4	<40	<0.4
Chrysene	ug/L	20	0.2	<20	<0.2
Cresols (total)	ug/L	100	1	100	<1
Di-n-butylphthalate	ug/L	200	2	<200	<2
Di-n-octylphthalate	ug/L	40	0.4	<40	<0.4
Dibenzo(a,h)anthracene	ug/L	20	0.2	<20	<0.2
Diethylphthalate	ug/L	20	0.2	<20	<0.2
Dimethylphthalate	ug/L	20	0.2	<20	<0.2
Diphenyl ether	ug/L	40	0.4	<40	<0.4
Diphenylamine	ug/L	40	0.4	<40	<0.4
Fluoranthene	ug/L	20	0.2	<20	<0.2
Fluorene	ug/L	20	0.2	<20	<0.2
Hexachlorobenzene	ug/L	10	0.1	<10	<0.1
Hexachlorobutadiene	ug/L	20	0.2	<20	<0.2
Hexachlorocyclopentadiene	ug/L	40	0.4	<40	<0.4
Hexachloroethane	ug/L	40	0.4	<40	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	20	0.2	<20	<0.2
Indole	ug/L	40	0.4	80	<0.4
Isophorone	ug/L	40	0.4	<40	<0.4
N-Nitroso-di-n-propylamine	ug/L	40	0.4	<40	<0.4
Naphthalene	ug/L	20	0.2	<20	<0.2
Nitrobenzene	ug/L	40	0.4	<40	<0.4
Pentachlorophenol	ug/L	50	0.5	<50	<0.5
Perylene	ug/L	20	0.2	<20	<0.2
Phenanthrene	ug/L	20	0.2	<20	<0.2
Phenol	ug/L	50	0.5	<50	<0.5
Pyrene	ug/L	20	0.2	<20	<0.2
2-Fluorobiphenyl	%			2	98
2,4,6-Tribromophenol	%			0	94
Nitrobenzene d5	%			0	106
p-Terphenyl d14	%			0	62
Phenol d5	%			0	28
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	5.9	<0.1

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2'nd Quarter Sampling Parameter	June 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	12.3	<0.5
Nonylphenol Diethoxylates	ug/L	1.2	1.2	<1	<1
Nonylphenol Triethoxylates	ug/L	2	2	<2	<2
t-Octylphenol	ug/L	0.02	0.02	0.24	0.1
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	0.4	<0.1
t-Octylphenol Diethoxylate	ug/L	0.2	0.2	<0.2	<0.2
t-Octylphenol Triethoxylate	ug/L	0.5	0.5	<0.5	<0.5
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005
Pesticides, Organochlorine					
op-DDT	ug/L	0.1	0.1	<0.1	<0.1
pp-DDD	ug/L	0.1	0.1	<0.1	<0.1
pp-DDE	ug/L	0.1	0.1	<0.1	<0.1
pp-DDT	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor Epoxide	ug/L	0.1	0.1	<0.1	<0.1
a-chlordane	ug/L	0.1	0.1	<0.1	<0.1
g-chlordane	ug/L	0.1	0.1	<0.1	<0.1
Aldrin	ug/L	0.1	0.1	<0.1	<0.1
Dieldrin	ug/L	0.1	0.1	<0.1	<0.1
Lindane	ug/L	0.1	0.1	<0.1	<0.1
Methoxychlor	ug/L	0.1	0.1	<0.1	<0.1
alpha-BHC	ug/L	0.1	0.1	<0.1	<0.1
beta-BHC	ug/L	0.1	0.1	<0.1	<0.1
delta-BHC	ug/L	0.1	0.1	<0.1	<0.1
Oxychlordane	ug/L	0.1	0.1	<0.1	<0.1
Endrin	ug/L	0.1	0.1	<0.1	<0.1
beta-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
alpha-Endosulfan	ug/L	0.1	0.1	<0.1	<0.1
o,p-DDE	ug/L	0.1	0.1	<0.1	<0.1
Endrin Aldehyde	ug/L	0.1	0.1	<0.1	<0.1
Endosulfan Sulfate	ug/L	0.1	0.1	<0.1	<0.1
Mirex	ug/L	0.1	0.1	<0.1	<0.1
op-DDD	ug/L	0.1	0.1	<0.1	<0.1
2-Fluorobiphenyl	%			77	76
d14-Terphenyl	%			54	58

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2'nd Quarter Sampling Parameter	June 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Phenoxyacid Herbicides by GC/MS					
2,4,5-TP	ug/L	0.5	0.5	<0.5	<0.5
MCPA	ug/L	0.5	0.5	<0.5	<0.5
2,4,5-T	ug/L	0.5	0.5	<0.5	<0.5
2,4-D	ug/L	0.5	0.5	0.9	<0.5
Bromoxynil	ug/L	0.5	0.5	<0.5	<0.5
Dicamba	ug/L	0.5	0.5	<0.5	<0.5
Dinoseb	ug/L	0.5	0.5	<0.5	<0.5
Picloram	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dichlorophenylacetic Acid	%			84	93
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.0005	<0.0005
Dinitropyrene	mg/L	0.02	0.02	<0.02	<0.02
2-Fluorobiphenyl	%			91	67
p-Terphenyl d14	%			91	73
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,1-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dibromoethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethane	ug/L	0.5	0.5	1.6	<0.5
1,1-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloropropane	ug/L	0.5	0.5	<0.5	<0.5
1,3-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,4-Dichlorobenzene	ug/L	0.5	0.5	1.2	1.3
2-Chloroethylvinyl Ether	ug/L	20	20	<20	<20
2-Hexanone	ug/L	20	20	<20	<20
Acetone	ug/L	20	20	220	<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	<0.5	<0.5
Carbon tetrachloride	ug/L	0.5	0.5	<0.5	<0.5
Chlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
Chloroethane	ug/L	1	1	<1	<1
Chloroform	ug/L	0.5	0.5	9.9	8.3
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	6.7	<0.5
cis-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Dibromochloromethane	ug/L	0.5	0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/L	1	1	<1	<1
Dichloromethane	ug/L	0.5	0.5	1.9	5.6
Ethyl Benzene	ug/L	0.5	0.5	0.5	<0.5
m+p-Xylenes	ug/L	1	1	2	<1

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2'nd Quarter Sampling Parameter	June 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Methyl Ethyl Ketone	ug/L	20	20	50	<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	0.6	0.6
Toluene	ug/L	0.5	0.5	8	<0.5
trans-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Trichloroethylene	ug/L	0.5	0.5	1.3	0.9
Trichlorofluoromethane	ug/L	1	1	<1	<1
Trihalomethanes (total)	ug/L	2	2	9.9	8.3
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	2	<1.5
1,2-Dichloroethane d4	%			112	98
Toluene-d8	%			104	98
4-Bromofluorobenzene	%			99	99

NOTES:

MDL- Method detection limit

mg/L- milligrams/Litre

ug/L- micrograms/Litre

ng/L- nanograms/Litre

pg/L- picograms/Litre

<- less than

NA- not analyzed

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

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

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3'rd Quarter Sampling Parameter	September 14, 2006			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	0.5	0.5	130	11
Toxaphene	mg/L	0.001	0.001	<0.001	<0.001
Phenols (4AAP)	mg/L	0.001	0.001	0.061	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	48	3
Trout Bioassay	Pass/Fail			NA	Fail
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	0.004	0.002
Cadmium, Total	mg/L	0.001	0.001	0.001	<0.001
Chromium, Total	mg/L	0.001	0.001	0.035	0.009
Copper, Total	mg/L	0.001	0.001	0.187	0.028
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.019	0.012
Lead, Total	mg/L	0.001	0.001	0.019	0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.465	0.144
Dioxins and Furans					
2378 TeCDD	pg/L	0.2	0.3	<0.20	<0.30
12378 PeCDD	pg/L	0.2	0.2	<0.20	<0.20
123478 HxCDD	pg/L	0.2	0.2	<0.20	<0.20
123678 HxCDD	pg/L	0.2	0.2	<0.20	<0.20
123789 HxCDD	pg/L	0.2	0.2	3.6	<0.20
1234678 HpCDD	pg/L	0.3	0.2	26	<0.20
OCDD	pg/L	0.8	0.3	300	37
Total TCDD	pg/L	0.2	0.3	<0.20	<0.30
Total PeCDD	pg/L	0.2	0.2	<0.20	<0.20
Total HxCDD	pg/L	0.2	0.2	3.1	<0.20
Total HpCDD	pg/L	0.3	0.2	53	<0.20
Total PCDDs	pg/L	0.8	0.3	350	37
2378 TeCDF	pg/L	0.1	0.1	<0.10	<0.10
12378 PeCDF	pg/L	0.2	0.2	<0.20	<0.20
23478 PeCDF	pg/L	0.1	0.1	<0.10	<0.10
123478 HxCDF	pg/L	0.3	0.3	3	1.9
123678 HxCDF	pg/L	0.3	0.3	2.8	2
123789 HxCDF	pg/L	0.2	0.2	3.8	<0.20
234678 HxCDF	pg/L	0.1	0.1	<0.10	<0.10
1234678 HpCDF	pg/L	0.3	0.1	8.8	2.8
1234789 HpCDF	pg/L	0.3	0.2	<0.30	<0.20
OCDF	pg/L	0.7	0.6	39	<0.60
Total TCDF	pg/L	0.1	0.1	<0.10	<0.10
Total PeCDF	pg/L	0.2	0.2	<0.20	<0.20
Total HxCDF	pg/L	0.3	0.3	17	<0.30
Total HpCDF	pg/L	0.3	0.2	<0.30	3.5
Total PCDFs	pg/L	0.7	0.6	56	3.5
Total TEQ (ND=0) (WHO Calc)	pg/L			1.7	0.42

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3'rd Quarter Sampling Parameter	September 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			2	0.75
Total TEQ (ND=DL) (WHO Calc)	pg/L			2.3	1.1
13C12 2378 TeCDD	%			70	62
13C12 12378 PeCDD	%			66	58
13C12 123478 HxCDD	%			78	72
13C12 123678 HxCDD	%			94	90
13C12 1234678 HpCDD	%			65	66
13C12 OCDD	%			39	43
13C12 2378 TeCDF	%			96	79
13C12 12378 PeCDF	%			80	78
13C12 23478 PeCDF	%			76	76
13C12 123478 HxCDF	%			81	79
13C12 123678 HxCDF	%			93	89
13C12 234678 HxCDF	%			83	80
13C12 123789 HxCDF	%			66	67
13C12 1234678 HpCDF	%			79	84
13C12 1234789 HpCDF	%			62	62
EPA 8270 Extractables					
1-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
1-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
1,2-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2,3-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2,4-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,3-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
1,4-Dichlorobenzene	ug/L	4	0.4	<4	0.5
2-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
2-Chlorophenol	ug/L	3	0.3	<3	<0.3
2-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
2-Methylphenol	ug/L	5	0.5	<5	<0.5
2-Nitrophenol	ug/L	5	0.5	<5	<0.5
2,3,4-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4,5-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dimethylphenol	ug/L	5	0.5	<5	<0.5
2,4-Dinitrophenol	ug/L	10	1	<10	<1
2,4-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
2,4,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4,6-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,6-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,6-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
3,3'-Dichlorobenzidine	ug/L	4	0.4	<4	<0.4
3&4-Methylphenol	ug/L	5	0.5	142	<0.5
4-Bromophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Chloro-3-methylphenol	ug/L	5	0.5	<5	<0.5
4-Chloroaniline	ug/L	4	0.4	<4	<0.4
4-Chlorophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Nitrophenol	ug/L	5	0.5	<5	<0.5

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3'rd Quarter Sampling Parameter	September 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
4,6-Dinitro-2-methylphenol	ug/L	20	2	<20	<2
5-Nitroacenaphthene	ug/L	4	0.4	<4	<0.4
Acenaphthene	ug/L	2	0.2	<2	<0.2
Acenaphthylene	ug/L	2	0.2	<2	<0.2
Anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)pyrene	ug/L	0.1	0.01	<0.1	<0.01
Benzo(b)fluoranthene	ug/L	2	0.2	<2	<0.2
Benzo(ghi)perylene	ug/L	2	0.2	<2	<0.2
Benzo(k)fluoranthene	ug/L	2	0.2	<2	<0.2
Biphenyl	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethoxy)methane	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-chloroisopropyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-ethylhexyl)phthalate	ug/L	20	2	<20	<2
Butylbenzyl phthalate	ug/L	4	0.4	<4	<0.4
Camphene	ug/L	4	0.4	<4	<0.4
Chrysene	ug/L	2	0.2	<2	<0.2
Cresols (total)	ug/L	10	1	140	<1
Di-n-butylphthalate	ug/L	20	2	<20	<2
Di-n-octylphthalate	ug/L	4	0.4	<4	<0.4
Dibenzo(a,h)anthracene	ug/L	2	0.2	<2	<0.2
Diethylphthalate	ug/L	2	0.2	4	<0.2
Dimethylphthalate	ug/L	2	0.2	<2	<0.2
Diphenyl ether	ug/L	4	0.4	<4	<0.4
Diphenylamine	ug/L	4	0.4	<4	<0.4
Fluoranthene	ug/L	2	0.2	<2	<0.2
Fluorene	ug/L	2	0.2	<2	<0.2
Hexachlorobenzene	ug/L	1	0.1	<1	<0.1
Hexachlorobutadiene	ug/L	2	0.2	<2	<0.2
Hexachlorocyclopentadiene	ug/L	4	0.4	<4	<0.4
Hexachloroethane	ug/L	4	0.4	<4	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	2	0.2	<2	<0.2
Indole	ug/L	4	0.4	85	<0.4
Isophorone	ug/L	4	0.4	<4	<0.4
N-Nitroso-di-n-propylamine	ug/L	4	0.4	<4	<0.4
Naphthalene	ug/L	2	0.2	<2	<0.2
Nitrobenzene	ug/L	4	0.4	<4	<0.4
Pentachlorophenol	ug/L	5	0.5	<5	<0.5
Perylene	ug/L	2	0.2	<2	<0.2
Phenanthrene	ug/L	2	0.2	<2	<0.2
Phenol	ug/L	5	0.5	31	<0.5
Pyrene	ug/L	2	0.2	<2	<0.2
2-Fluorobiphenyl	%			272	77
2,4,6-Tribromophenol	%			105	88
Nitrobenzene d5	%			113	76
p-Terphenyl d14	%			61	49
Phenol d5	%			60	33

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	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	9.1	<0.1
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	22.2	<0.5
Nonylphenol Diethoxylates	ug/L	1.2	1.2	<1	<1
Nonylphenol Triethoxylates	ug/L	2	2	<2	<2
t-Octylphenol	ug/L	0.02	0.02	0.25	0.05
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	0.4	<0.1
t-Octylphenol Diethoxylate	ug/L	0.2	0.2	<0.2	<0.2
t-Octylphenol Triethoxylate	ug/L	0.5	0.5	<0.5	<0.5
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005
Pesticides, Organochlorine					
op-DDT	ug/L	10	10	<10	<10
pp-DDD	ug/L	10	10	<10	<10
pp-DDE	ug/L	10	10	<10	<10
pp-DDT	ug/L	10	10	<10	<10
Heptachlor	ug/L	10	10	<10	<10
Heptachlor Epoxide	ug/L	10	10	<10	<10
a-chlordane	ug/L	10	10	<10	<10
g-chlordane	ug/L	10	10	<10	<10
Aldrin	ug/L	10	10	<10	<10
Dieldrin	ug/L	10	10	<10	<10
Lindane	ug/L	10	10	<10	<10
Methoxychlor	ug/L	10	10	<10	<10
alpha-BHC	ug/L	10	10	<10	<10
beta-BHC	ug/L	10	10	<10	<10
delta-BHC	ug/L	10	10	<10	<10
Oxychlordane	ug/L	10	10	<10	<10
Endrin	ug/L	10	10	<10	<10
beta-Endosulfan	ug/L	10	10	<10	<10
alpha-Endosulfan	ug/L	10	10	<10	<10
o,p-DDE	ug/L	10	10	<10	<10
Endrin Aldehyde	ug/L	10	10	<10	<10
Endosulfan Sulfate	ug/L	10	10	<10	<10
Mirex	ug/L	10	10	<10	<10
op-DDD	ug/L	10	10	<10	<10
2-Fluorobiphenyl	%			N/A	N/A
d14-Terphenyl	%			N/A	N/A

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	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Phenoxyacid Herbicides by GC/MS					
2,4,5-TP	ug/L	0.5	0.5	<0.5	<0.5
MCPA	ug/L	0.5	0.5	<0.5	<0.5
2,4,5-T	ug/L	0.5	0.5	<0.5	<0.5
2,4-D	ug/L	0.5	0.5	0.6	<0.5
Bromoxynil	ug/L	0.5	0.5	<0.5	<0.5
Dicamba	ug/L	0.5	0.5	<0.5	<0.5
Dinoseb	ug/L	0.5	0.5	<0.5	<0.5
Picloram	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dichlorophenylacetic Acid	%			86	81
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.0005	<0.0005
Dinitropyrene	mg/L	0.02	0.02	<0.02	<0.02
2-Fluorobiphenyl	%			101	71
p-Terphenyl d14	%			105	77
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	3	0.5	<3	<0.5
1,1,2,2-Tetrachloroethane	ug/L	3	0.5	<3	<0.5
1,1,1-Trichloroethane	ug/L	3	0.5	<3	<0.5
1,1,2-Trichloroethane	ug/L	3	0.5	<3	<0.5
1,2-Dibromoethane	ug/L	3	0.5	<3	<0.5
1,1-Dichloroethane	ug/L	3	0.5	<3	<0.5
1,1-Dichloroethylene	ug/L	3	0.5	<3	<0.5
1,2-Dichlorobenzene	ug/L	3	0.5	<3	<0.5
1,2-Dichloroethane	ug/L	3	0.5	<3	<0.5
1,2-Dichloropropane	ug/L	3	0.5	<3	<0.5
1,3-Dichlorobenzene	ug/L	3	0.5	<3	<0.5
1,4-Dichlorobenzene	ug/L	3	0.5	<3	0.9
2-Chloroethylvinyl Ether	ug/L	100	20	<100	<20
2-Hexanone	ug/L	100	20	<100	<20
Acetone	ug/L	100	20	<100	<20
Benzene	ug/L	3	0.5	<3	<0.5
Bromodichloromethane	ug/L	3	0.5	<3	<0.5
Bromoform	ug/L	3	0.5	<3	<0.5
Bromomethane	ug/L	5	1	<5	<1
Carbon Disulfide	ug/L	3	0.5	<3	<0.5
Carbon tetrachloride	ug/L	3	0.5	<3	<0.5
Chlorobenzene	ug/L	3	0.5	<3	<0.5
Chloroethane	ug/L	5	1	<5	<1
Chloroform	ug/L	3	0.5	15	8.3
Chloromethane	ug/L	5	1	<5	<1
cis-1,2-Dichloroethylene	ug/L	3	0.5	4	<0.5
cis-1,3-Dichloropropene	ug/L	3	0.5	<3	<0.5
Dibromochloromethane	ug/L	3	0.5	<3	<0.5
Dichlorodifluoromethane	ug/L	5	1	<5	<1
Dichloromethane	ug/L	3	0.5	<3	1.7
Ethyl Benzene	ug/L	3	0.5	<3	<0.5
m+p-Xylenes	ug/L	5	1	<5	<1

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3'rd Quarter Sampling Parameter	September 14, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Methyl Ethyl Ketone	ug/L	100	20	<100	<20
Methyl Isobutyl Ketone	ug/L	100	20	<100	<20
MTBE	ug/L	3	0.5	<3	<0.5
o-Xylene	ug/L	3	0.5	<3	<0.5
Styrene	ug/L	3	0.5	<3	<0.5
Tetrachloroethylene	ug/L	3	0.5	<3	0.5
Toluene	ug/L	3	0.5	8	<0.5
trans-1,2-Dichloroethylene	ug/L	3	0.5	<3	<0.5
trans-1,3-Dichloropropene	ug/L	3	0.5	<3	<0.5
Trichloroethylene	ug/L	3	0.5	<3	<0.5
Trichlorofluoromethane	ug/L	5	1	<5	<1
Trihalomethanes (total)	ug/L	12	2	15	8.3
Vinyl chloride	ug/L	3	0.5	<3	<0.5
Xylenes (Total)	ug/L	8	1.5	<8.0	<1.5
1,2-Dichloroethane d4	%			105	104
Toluene-d8	%			99	101
4-Bromofluorobenzene	%			101	104

NOTES:

MDL- Method detection limit

mg/L- milligrams/Litre

ug/L- micrograms/Litre

ng/L- nanograms/Litre

pg/L- picograms/Litre

<- less than

NA- not analyzed

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

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

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4'th Quarter Sampling Parameter	December 7, 2006			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	0.5	0.5	72	7.5
Toxaphene	mg/L	0.001	0.001	<0.001	<0.001
Phenols (4AAP)	mg/L	0.001	0.001	0.066	0.008
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	44	8
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	0.045	0.011
Copper, Total	mg/L	0.001	0.001	1.071	0.040
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.027	0.013
Lead, Total	mg/L	0.001	0.001	0.016	0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.376	0.101
Dioxins and Furans					
2378 TeCDD	pg/L	0.1	0.1	<0.10	<0.10
12378 PeCDD	pg/L	0.1	0.1	<0.10	<0.10
123478 HxCDD	pg/L	0.1	0.1	<0.10	<0.10
123678 HxCDD	pg/L	0.1	0.1	<0.10	<0.10
123789 HxCDD	pg/L	0.1	0.1	<0.10	<0.10
1234678 HpCDD	pg/L	0.1	0.1	6.7	2.2
OCDD	pg/L	0.1	0.2	59	12
Total TCDD	pg/L	0.1	0.1	<0.10	<0.10
Total PeCDD	pg/L	0.1	0.1	<0.10	<0.10
Total HxCDD	pg/L	0.1	0.1	<0.10	<0.10
Total HpCDD	pg/L	0.1	0.1	11	2.2
Total PCDDs	pg/L	0.1	0.2	70	14
2378 TeCDF	pg/L	0.1	0.1	<0.10	<0.10
12378 PeCDF	pg/L	0.1	0.1	<0.10	<0.10
23478 PeCDF	pg/L	0.1	0.1	<0.10	<0.10
123478 HxCDF	pg/L	0.1	0.1	<0.10	<0.10
123678 HxCDF	pg/L	0.1	0.1	0.59	<0.10
123789 HxCDF	pg/L	0.1	0.1	<0.10	<0.10
234678 HxCDF	pg/L	0.1	0.1	<0.10	<0.10
1234678 HpCDF	pg/L	0.1	0.1	3	1.4
1234789 HpCDF	pg/L	0.1	0.1	<0.10	<0.10
OCDF	pg/L	0.2	0.2	8.7	<0.20
Total TCDF	pg/L	0.1	0.1	<0.10	<0.10
Total PeCDF	pg/L	0.1	0.1	<0.10	<0.10
Total HxCDF	pg/L	0.1	0.1	0.69	<0.10
Total HpCDF	pg/L	0.1	0.1	3	1.4
Total PCDFs	pg/L	0.2	0.2	12	1.4
Total TEQ (ND=0) (WHO Calc)	pg/L			0.17	0.037

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4'th Quarter Sampling Parameter	December 7, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			0.33	0.21
Total TEQ (ND=DL) (WHO Calc)	pg/L			0.5	0.37
13C12 2378 TeCDD	%			69	69
13C12 12378 PeCDD	%			70	63
13C12 123478 HxCDD	%			60	64
13C12 123678 HxCDD	%			64	69
13C12 1234678 HpCDD	%			51	55
13C12 OCDD	%			43	49
13C12 2378 TeCDF	%			86	72
13C12 12378 PeCDF	%			82	59
13C12 23478 PeCDF	%			84	64
13C12 123478 HxCDF	%			54	55
13C12 123678 HxCDF	%			55	57
13C12 234678 HxCDF	%			61	65
13C12 123789 HxCDF	%			66	71
13C12 1234678 HpCDF	%			52	56
13C12 1234789 HpCDF	%			50	56
37C14 2378 TeCDD	%			67	66
EPA 8270 Extractables					
1-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
1-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
1,2-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2,3-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,2,4-Trichlorobenzene	ug/L	4	0.4	<4	<0.4
1,3-Dichlorobenzene	ug/L	4	0.4	<4	<0.4
1,4-Dichlorobenzene	ug/L	4	0.4	<4	0.5
2-Chloronaphthalene	ug/L	4	0.4	<4	<0.4
2-Chlorophenol	ug/L	3	0.3	<3	<0.3
2-Methylnaphthalene	ug/L	4	0.4	<4	<0.4
2-Methylphenol	ug/L	5	0.5	<5	<0.5
2-Nitrophenol	ug/L	5	0.5	<5	<0.5
2,3,4-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4,5-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,4-Dimethylphenol	ug/L	5	0.5	<5	<0.5
2,4-Dinitrophenol	ug/L	10	1	<10	<1
2,4-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
2,4,5-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,4,6-Trichlorophenol	ug/L	5	0.5	<5	<0.5
2,6-Dichlorophenol	ug/L	5	0.5	<5	<0.5
2,6-Dinitrotoluene	ug/L	4	0.4	<4	<0.4
3,3'-Dichlorobenzidine	ug/L	4	0.4	<4	<0.4
3&4-Methylphenol	ug/L	5	0.5	100	<0.5
4-Bromophenyl phenyl ether	ug/L	4	0.4	<4	<0.4
4-Chloro-3-methylphenol	ug/L	5	0.5	<5	<0.5
4-Chloroaniline	ug/L	4	0.4	<4	<0.4
4-Chlorophenyl phenyl ether	ug/L	4	0.4	<4	<0.4

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4'th Quarter Sampling Parameter	December 7, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
4-Nitrophenol	ug/L	5	0.5	<5	<0.5
4,6-Dinitro-2-methylphenol	ug/L	20	2	<20	<2
5-Nitroacenaphthene	ug/L	4	0.4	<4	<0.4
Acenaphthene	ug/L	2	0.2	<2	<0.2
Acenaphthylene	ug/L	2	0.2	<2	<0.2
Anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)anthracene	ug/L	2	0.2	<2	<0.2
Benzo(a)pyrene	ug/L	0.1	0.01	<0.1	<0.01
Benzo(b)fluoranthene	ug/L	2	0.2	<2	<0.2
Benzo(ghi)perylene	ug/L	2	0.2	<2	<0.2
Benzo(k)fluoranthene	ug/L	2	0.2	<2	<0.2
Biphenyl	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethoxy)methane	ug/L	4	0.4	<4	<0.4
Bis(2-chloroethyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-chloroisopropyl)ether	ug/L	4	0.4	<4	<0.4
Bis(2-ethylhexyl)phthalate	ug/L	20	2	<20	<2
Butylbenzyl phthalate	ug/L	4	0.4	<4	<0.4
Camphene	ug/L	4	0.4	<4	<0.4
Chrysene	ug/L	2	0.2	<2	<0.2
Cresols (total)	ug/L	10	1	100	<1
Di-n-butylphthalate	ug/L	20	2	<20	<2
Di-n-octylphthalate	ug/L	4	0.4	<4	<0.4
Dibenzo(a,h)anthracene	ug/L	2	0.2	<2	<0.2
Diethylphthalate	ug/L	2	0.2	4	<0.2
Dimethylphthalate	ug/L	2	0.2	<2	<0.2
Diphenyl ether	ug/L	4	0.4	<4	<0.4
Diphenylamine	ug/L	4	0.4	<4	<0.4
Fluoranthene	ug/L	2	0.2	<2	<0.2
Fluorene	ug/L	2	0.2	<2	<0.2
Hexachlorobenzene	ug/L	0.4	0.04	<0.4	<0.04
Hexachlorobutadiene	ug/L	2	0.2	<2	<0.2
Hexachlorocyclopentadiene	ug/L	4	0.4	<4	<0.4
Hexachloroethane	ug/L	4	0.4	<4	<0.4
Indeno(1,2,3-cd)pyrene	ug/L	2	0.2	<2	<0.2
Indole	ug/L	4	0.4	41	<0.4
Isophorone	ug/L	4	0.4	<4	<0.4
N-Nitroso-di-n-propylamine	ug/L	4	0.4	<4	<0.4
Naphthalene	ug/L	2	0.2	<2	<0.2
Nitrobenzene	ug/L	4	0.4	<4	<0.4
Pentachlorophenol	ug/L	5	0.5	<5	<0.5
Perylene	ug/L	2	0.2	<2	<0.2
Phenanthrene	ug/L	2	0.2	<2	<0.2
Phenol	ug/L	5	0.5	16	<0.5
Pyrene	ug/L	2	0.2	<2	<0.2
2-Fluorobiphenyl	%			110	79
2,4,6-Tribromophenol	%			121	97
Nitrobenzene d5	%			107	94
p-Terphenyl d14	%			52	54
Phenol d5	%			31	19

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4'th Quarter Sampling Parameter	December 7, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	8.2	3.3
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	10.6	8
Nonylphenol Diethoxylates	ug/L	1.2	1.2	8	13
Nonylphenol Triethoxylates	ug/L	2	2	49	57
t-Octylphenol	ug/L	0.02	0.02	0.26	4.78
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	0.3	0.3
t-Octylphenol Diethoxylate	ug/L	0.2	0.2	0.8	1.2
t-Octylphenol Triethoxylate	ug/L	0.5	0.5	2.2	2.6
PCB					
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005
Pesticides, Organochlorine					
Aldrin	ug/L	0.1	0.1	<0.1	<0.1
a-chlordane	ug/L	0.1	0.1	<0.1	<0.1
g-chlordane	ug/L	0.1	0.1	<0.1	<0.1
alpha-BHC	ug/L	0.1	0.1	<0.1	<0.1
beta-BHC	ug/L	0.1	0.1	<0.1	<0.1
delta-BHC	ug/L	0.1	0.1	<0.1	<0.1
o,p-DDD	ug/L	0.1	0.1	<1	<0.1
pp-DDD	ug/L	0.1	0.1	<1	<0.1
o,p-DDE	ug/L	1	0.1	<1	<0.1
pp-DDE	ug/L	1	0.1	<1	<0.1
op-DDT	ug/L	1	0.1	<1	<0.1
pp-DDT	ug/L	1	0.1	<1	<0.1
Dieldrin	ug/L	1	0.1	<1	<0.1
alpha-Endosulfan	ug/L	1	0.1	<1	<0.1
beta-Endosulfan	ug/L	1	0.1	<1	<0.1
Endosulfan Sulfate	ug/L	1	0.1	<1	<0.1
Endrin	ug/L	1	0.1	<1	<0.1
Endrin Aldehyde	ug/L	1	0.1	<1	<0.1
Heptachlor	ug/L	0.1	0.1	<0.1	<0.1
Heptachlor Epoxide	ug/L	1	0.1	<1	<0.1
Lindane	ug/L	0.1	0.1	<0.1	<0.1
Methoxychlor	ug/L	1	0.1	<1	<0.1
Mirex	ug/L	1	0.1	<1	<0.1
Oxychlordane	ug/L	1	0.1	<1	<0.1
2-Fluorobiphenyl	%			65	70
d14-Terphenyl	%			43	48

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4'th Quarter Sampling Parameter	December 7, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Phenoxyacid Herbicides by GC/MS					
2,4,5-TP	ug/L	0.5	0.5	<0.5	<0.5
MCPA	ug/L	0.5	0.5	<0.5	<0.5
2,4,5-T	ug/L	0.5	0.5	<0.5	<0.5
2,4-D	ug/L	0.5	0.5	<0.5	<0.5
Bromoxynil	ug/L	0.5	0.5	<0.5	<0.5
Dicamba	ug/L	0.5	0.5	<0.5	<0.5
Dinoseb	ug/L	0.5	0.5	<0.5	<0.5
Picloram	ug/L	0.5	0.5	<0.5	<0.5
2,4-Dichlorophenylacetic Acid	%			76	69
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.0005	0.0005	<0.0005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.0005	0.0005	<0.0005	<0.0005
Dinitropyrene	mg/L	0.02	0.02	<0.02	<0.02
2-Fluorobiphenyl	%			124	74
p-Terphenyl d14	%			127	84
Volatile Organics					
1,1,1,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,1-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dibromoethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,1-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloroethane	ug/L	0.5	0.5	<0.5	<0.5
1,2-Dichloropropane	ug/L	0.5	0.5	<0.5	<0.5
1,3-Dichlorobenzene	ug/L	0.5	0.5	<0.5	<0.5
1,4-Dichlorobenzene	ug/L	0.5	0.5	1.4	1.1
2-Chloroethylvinyl Ether	ug/L	20	20	<20	<20
2-Hexanone	ug/L	20	20	<20	<20
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	10.8	0.9
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	16.1	11.7
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	2.6	<0.5
cis-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Dibromochloromethane	ug/L	0.5	0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/L	1	1	<1	<1
Dichloromethane	ug/L	0.5	0.5	1.1	0.8
Ethyl Benzene	ug/L	0.5	0.5	<0.5	<0.5
m+p-Xylenes	ug/L	1	1	<1	<1

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4'th Quarter Sampling Parameter	December 7, 2006			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
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	0.6
Toluene	ug/L	0.5	0.5	7.5	<0.5
trans-1,2-Dichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ug/L	0.5	0.5	<0.5	<0.5
Trichloroethylene	ug/L	0.5	0.5	<0.5	<0.5
Trichlorofluoromethane	ug/L	1	1	<1	<1
Trihalomethanes (total)	ug/L	2	2	16.1	11.7
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5
1,2-Dichloroethane d4	%			107	108
Toluene-d8	%			107	104
4-Bromofluorobenzene	%			104	108

NOTES:

MDL- Method detection limit

mg/L- milligrams/Litre

ug/L- micrograms/Litre

ng/L- nanograms/Litre

pg/L- picograms/Litre

<- less than

NA- not analyzed

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

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