

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

1'st Quarter Sampling Parameter	March 29, 2007			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	110	35
Toxaphene	mg/L	0.0001	0.0001	<0.0001	<0.0001
Phenols (4AAP)	mg/L	0.001	0.001	0.025	0.010
Tributyltin	ug/L	<0.005	<0.05	0.005	0.05
TetraEthyl Lead	ug/L	<0.05	<0.05	0.05	0.05
Total Oil and Grease	mg/L	1	1	20	4
Trout Bioassay	Pass/Fail			NA	Pass
Total Metals*					
Arsenic, Total	mg/L	0.001	0.001	NS	0.001
Cadmium, Total	mg/L	0.001	0.001	NS	<0.001
Chromium, Total	mg/L	0.001	0.001	NS	0.010
Copper, Total	mg/L	0.001	0.001	NS	0.044
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	NS	0.012
Lead, Total	mg/L	0.001	0.001	NS	0.002
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	NS	0.092
Dioxins and Furans					
2378 TeCDD	pg/L	0.2	0.2	<0.20	<0.20
12378 PeCDD	pg/L	0.1	0.1	<0.10	1.1
123478 HxCDD	pg/L	0.2	0.2	0.70	0.89
123678 HxCDD	pg/L	0.2	0.2	2.1	1.2
123789 HxCDD	pg/L	0.2	0.2	1.4	1.2
1234678 HpCDD	pg/L	0.3	0.2	81	26
OCDD	pg/L	0.6	0.5	900	250
Total TCDD	pg/L	0.2	0.2	<0.20	<0.20
Total PeCDD	pg/L	0.1	0.1	<0.10	1.1
Total HxCDD	pg/L	0.2	0.2	14	8.8
Total HpCDD	pg/L	0.3	0.2	240	73
Total PCDDs	pg/L	0.6	0.5	1200	340
2378 TeCDF	pg/L	0.2	0.1	<0.20	<0.10
12378 PeCDF	pg/L	0.6	0.6	<0.60	0.81
23478 PeCDF	pg/L	0.1	0.1	<0.10	1.2
123478 HxCDF	pg/L	1	1.00	<1.0	1.1
123678 HxCDF	pg/L	0.6	0.6	0.62	0.97
123789 HxCDF	pg/L	0.6	0.6	<0.60	0.77
234678 HxCDF	pg/L	0.1	0.1	1.1	0.74
1234678 HpCDF	pg/L	0.1	0.1	17	5.8
1234789 HpCDF	pg/L	0.2	0.1	1.1	0.89
OCDF	pg/L	2	2	43	18
Total TCDF	pg/L	0.2	0.1	<0.2	<0.1
Total PeCDF	pg/L	0.6	0.6	0.66	2.0
Total HxCDF	pg/L	1	1	8.2	6.5
Total HpCDF	pg/L	0.2	0.1	45	15
Total PCDFs	pg/L	2	2	97	41
Total TEQ (ND=0) (WHO Calc)	pg/L			1.7	2.8

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

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Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			2.0	2.9
Total TEQ (ND=DL) (WHO Calc)	pg/L			2.3	3.0
13C12 2378 TeCDD	%			84	87
13C12 12378 PeCDD	%			85	77
13C12 123478 HxCDD	%			78	77
13C12 123678 HxCDD	%			90	85
13C12 1234678 HpCDD	%			80	80
13C12 OCDD	%			64	62
13C12 2378 TeCDF	%			77	80
13C12 12378 PeCDF	%			100	100
13C12 23478 PeCDF	%			61	62
13C12 123478 HxCDF	%			55	52
13C12 123678 HxCDF	%			73	67
13C12 234678 HxCDF	%			99	93
13C12 123789 HxCDF	%			87	83
13C12 1234678 HpCDF	%			68	69
13C12 1234789 HpCDF	%			72	73
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
4-Chloroaniline	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	0.6
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	0.5	0.5	<0.5	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,3,4-Trichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,3,5,6-Tetrachlorophenol	ug/L	0.5	0.5	<0.5	<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-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	0.4	0.4	<0.4	<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-Methylnaphthalene	ug/L	0.4	0.4	0.5	<0.4
2-Methylphenol	ug/L	0.5	0.5	1.0	0.6
2-Nitrophenol	ug/L	0.5	0.5	<0.5	<0.5
3,3'-Dichlorobenzidine	ug/L	0.4	0.4	<0.4	<0.4
3&4-Methylphenol	ug/L	0.5	0.5	1.4	<0.5
4,6-Dinitro-2-methylphenol	ug/L	2	2	<2	<2
4-Bromophenyl phenyl ether	ug/L	0.4	0.4	<0.4	<0.4
4-Chloro-3-methylphenol	ug/L	0.5	0.5	<0.5	<0.5
4-Chlorophenyl phenyl ether	ug/L	0.4	0.4	<0.4	<0.4

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

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4-Nitrophenol	ug/L	0.5	0.5	0.6	<0.5
5-Nitroacenaphthene	ug/L	0.4	0.4	<0.4	<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	0.2	0.2	<0.2	<0.2
Benzo(a)anthracene	ug/L	0.2	0.2	0.2	<0.2
Benzo(a)pyrene	ug/L	0.01	0.01	0.05	0.03
Benzo(b)fluoranthene	ug/L	0.2	0.2	<0.2	<0.2
Benzo(ghi)perylene	ug/L	0.2	0.2	<0.2	<0.2
Benzo(k)fluoranthene	ug/L	0.2	0.2	<0.2	<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	2	2	5	3
Butylbenzyl phthalate	ug/L	0.4	0.4	<0.4	<0.4
Camphene	ug/L	0.4	0.4	<0.4	<0.4
Chrysene	ug/L	0.2	0.2	<0.2	<0.2
Dibenzo(a,h)anthracene	ug/L	0.2	0.2	<0.2	<0.2
Diethylphthalate	ug/L	0.2	0.2	0.4	<0.2
Dimethylphthalate	ug/L	0.2	0.2	<0.2	<0.2
Di-n-butylphthalate	ug/L	2	2	<2	<2
Di-n-octylphthalate	ug/L	0.4	0.4	<0.4	<0.4
Diphenyl ether	ug/L	0.4	0.4	<0.4	<0.4
Diphenylamine	ug/L	0.4	0.4	<0.4	<0.4
Fluoranthene	ug/L	0.2	0.2	<0.2	<0.2
Fluorene	ug/L	0.2	0.2	<0.2	<0.2
Hexachlorobenzene	ug/L	0.04	0.04	<0.04	<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	0.2	0.2	<0.2	<0.2
Indole	ug/L	0.4	0.4	<0.4	<0.4
Isophorone	ug/L	0.4	0.4	<0.4	<0.4
Naphthalene	ug/L	0.2	0.2	0.5	<0.2
Nitrobenzene	ug/L	0.4	0.4	<0.4	<0.4
N-Nitroso-di-n-propylamine	ug/L	0.4	0.4	<0.4	<0.4
Pentachlorophenol	ug/L	0.5	0.5	<0.5	<0.5
Perylene	ug/L	0.2	0.2	<0.2	<0.2
Phenanthrene	ug/L	0.2	0.2	<0.2	<0.2
Phenol	ug/L	0.5	0.5	<0.5	<0.5
Pyrene	ug/L	0.2	0.2	<0.2	<0.2
Nitrobenzene d5	%			95	94
2-Fluorobiphenyl	%			94	91
p-Terphenyl d14	%			78	68
Phenol d5	%			27	27
2,4,6-Tribromophenol	%			111	110
Cresols (total)	ug/L	1	1	2	<1

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

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Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	4.5	1.9
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	1.8	2.2
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	0.34	0.16
t-Octylphenol Monoethoxylate	ug/L	0.1	0.1	<0.1	0.2
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	1	1	<1	<1
pp-DDD	ug/L	1	1	<1	<1
pp-DDE	ug/L	1	1	<1	<1
pp-DDT	ug/L	1	1	<1	<1
Heptachlor	ug/L	1	1	<1	<1
Heptachlor Epoxide	ug/L	1	1	<1	<1
a-chlordane	ug/L	1	1	<1	<1
g-chlordane	ug/L	1	1	<1	<1
Aldrin	ug/L	1	1	<1	<1
Dieldrin	ug/L	1	1	<1	<1
Lindane	ug/L	1	1	<1	<1
Methoxychlor	ug/L	1	1	<1	<1
alpha-BHC	ug/L	1	1	<1	<1
beta-BHC	ug/L	1	1	<1	<1
delta-BHC	ug/L	1	1	<1	<1
Oxychlordane	ug/L	1	1	<1	<1
Endrin	ug/L	1	1	<1	<1
beta-Endosulfan	ug/L	1	1	<1	<1
alpha-Endosulfan	ug/L	1	1	<1	<1
o,p-DDE	ug/L	1	1	<1	<1
Endrin Aldehyde	ug/L	1	1	<1	<1
Endosulfan Sulfate	ug/L	1	1	<1	<1
Mirex	ug/L	1	1	<1	<1
op-DDD	ug/L	1	1	<1	<1
2-Fluorobiphenyl	%			68	59
d14-Terphenyl	%			90	87

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North End Water Pollution Control Centre Quarterly Monitoring Report

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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	0.9	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	1.0	0.7
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	%			135	144
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.005	0.0005	<0.005	<0.0005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.005	0.0005	<0.005	<0.0005
Dinitropyrene	mg/L	0.2	0.02	<0.2	<0.02
2-Fluorobiphenyl	%			92	72
p-Terphenyl d14	%			90	81
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	0.8	0.9
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	2.7	4.1
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	1.5	1.1
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	0.9	<0.5
m+p-Xylenes	ug/L	1	1	4	<1
Methyl Ethyl Ketone	ug/L	20	20	<20	<20

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Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

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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	1.9	<0.5
Styrene	ug/L	0.5	0.5	<0.5	0.5
Tetrachloroethylene	ug/L	0.5	0.5	3.9	1.3
Toluene	ug/L	0.5	0.5	7.9	1.3
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	2.7	4.1
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	5.9	<1.5
1,2-Dichloroethane d4	%			98	103
Toluene-d8	%			99	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

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.*

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

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

2'nd Quarter Sampling Parameter	June 21, 2007			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	220	7.7
Toxaphene	mg/L	0.0001	0.0001	<0.0001	<0.0001
Phenols (4AAP)	mg/L	0.001	0.001	0.038	0.006
Tributyltin	ug/L	<0.05	<0.05	0.05	0.05
TetraEthyl Lead	ug/L	<0.05	<0.05	0.05	0.05
Total Oil and Grease	mg/L	5	1	86	<1
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	0.008	0.008
Copper, Total	mg/L	0.001	0.001	0.534	0.030
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.025	0.014
Lead, Total	mg/L	0.001	0.001	0.005	0.002
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.144	0.123
Dioxins and Furans					
2378 TeCDD	pg/L	0.6	0.3	<0.60	<0.30
12378 PeCDD	pg/L	0.3	0.1	<0.30	<0.10
123478 HxCDD	pg/L	0.2	0.1	<0.20	<0.10
123678 HxCDD	pg/L	0.2	0.1	<0.20	<0.10
123789 HxCDD	pg/L	0.2	0.1	1.6	<0.10
1234678 HpCDD	pg/L	0.3	0.1	26	2.0
OCDD	pg/L	0.2	0.2	290	12
Total TCDD	pg/L	0.6	0.3	<0.60	<0.30
Total PeCDD	pg/L	0.3	0.1	<0.30	<0.10
Total HxCDD	pg/L	0.2	0.1	7.9	<0.10
Total HpCDD	pg/L	0.3	0.1	46	4.1
Total PCDDs	pg/L	0.6	0.3	340	16
2378 TeCDF	pg/L	0.3	0.1	<0.30	<0.10
12378 PeCDF	pg/L	0.3	0.1	<0.30	<0.10
23478 PeCDF	pg/L	0.2	0.1	<0.20	<0.10
123478 HxCDF	pg/L	0.4	0.4	0.94	<0.40
123678 HxCDF	pg/L	0.5	0.5	1.4	<0.50
123789 HxCDF	pg/L	0.5	0.5	<0.50	<0.50
234678 HxCDF	pg/L	0.5	0.5	1.3	<0.50
1234678 HpCDF	pg/L	0.2	0.1	8.2	<0.10
1234789 HpCDF	pg/L	0.2	0.1	1.2	<0.10
OCDF	pg/L	0.3	0.2	28	2.3
Total TCDF	pg/L	0.3	0.1	<0.30	<0.10
Total PeCDF	pg/L	0.3	0.1	<0.30	<0.10
Total HxCDF	pg/L	0.5	0.5	8.6	<0.50
Total HpCDF	pg/L	0.2	0.1	19	1.4
Total PCDFs	pg/L	0.5	0.5	55	4.0
Total TEQ (ND=0) (WHO Calc)	pg/L			0.93	0.024

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

2'nd Quarter Sampling Parameter	June 21, 2007			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			1.5	0.37
Total TEQ (ND=DL) (WHO Calc)	pg/L			2.1	0.71
13C12 2378 TeCDD	%			64	53
13C12 12378 PeCDD	%			73	93
13C12 123478 HxCDD	%			78	74
13C12 123678 HxCDD	%			82	76
13C12 1234678 HpCDD	%			88	63
13C12 OCDD	%			85	60
13C12 2378 TeCDF	%			71	67
13C12 12378 PeCDF	%			81	110
13C12 23478 PeCDF	%			84	110
13C12 123478 HxCDF	%			73	76
13C12 123678 HxCDF	%			76	78
13C12 234678 HxCDF	%			79	77
13C12 123789 HxCDF	%			77	75
13C12 1234678 HpCDF	%			85	67
13C12 1234789 HpCDF	%			88	69
37C14 2378 TeCDD	%			54	58
EPA 8270 Extractables					
1-Chloronaphthalene	ug/L	0.4	0.4	<0.4	<0.4
1-Methylnaphthalene	ug/L	0.4	0.4	<0.4	<0.4
1,2-Dichlorobenzene	ug/L	0.4	0.4	<0.4	<0.4
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
1,3-Dichlorobenzene	ug/L	0.4	0.4	<0.4	<0.4
1,4-Dichlorobenzene	ug/L	0.4	0.4	0.7	0.7
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-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
2,3,4-Trichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,3,4,5-Tetrachlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,3,4,6-Tetrachlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,3,5-Trichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,3,5,6-Tetrachlorophenol	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	0.4	0.4	<0.4	<0.4
2,4,5-Trichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
2,4,6-Trichlorophenol	ug/L	0.5	0.5	<0.5	<0.5
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
3,3'-Dichlorobenzidine	ug/L	0.4	0.4	<0.4	<0.4
3&4-Methylphenol	ug/L	0.5	0.5	69.1	<0.5
4-Bromophenyl phenyl ether	ug/L	0.4	0.4	<0.4	<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
4-Chlorophenyl phenyl ether	ug/L	0.4	0.4	<0.4	<0.4

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

2'nd Quarter Sampling Parameter	June 21, 2007			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
4-Nitrophenol	ug/L	0.5	0.5	<0.5	<0.5
4,6-Dinitro-2-methylphenol	ug/L	2	2	<2	<2
5-Nitroacenaphthene	ug/L	0.4	0.4	<0.4	<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	0.2	0.2	<0.2	<0.2
Benzo(a)anthracene	ug/L	0.2	0.2	<0.2	<0.2
Benzo(a)pyrene	ug/L	0.01	0.01	<0.01	<0.01
Benzo(b)fluoranthene	ug/L	0.2	0.2	<0.2	<0.2
Benzo(ghi)perylene	ug/L	0.2	0.2	<0.2	<0.2
Benzo(k)fluoranthene	ug/L	0.2	0.2	<0.2	<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	2	2	17	<2
Butylbenzyl phthalate	ug/L	0.4	0.4	1.1	0.4
Camphene	ug/L	0.4	0.4	<0.4	<0.4
Chrysene	ug/L	0.2	0.2	<0.2	<0.2
Cresols (total)	ug/L	1	1	<1	<1
Di-n-butylphthalate	ug/L	2	2	<2	<2
Di-n-octylphthalate	ug/L	0.4	0.4	<0.4	<0.4
Dibenzo(a,h)anthracene	ug/L	0.2	0.2	<0.2	<0.2
Diethylphthalate	ug/L	0.2	0.2	1.4	<0.2
Dimethylphthalate	ug/L	0.2	0.2	<0.2	<0.2
Diphenyl ether	ug/L	0.4	0.4	<0.4	<0.4
Diphenylamine	ug/L	0.4	0.4	<0.4	<0.4
Fluoranthene	ug/L	0.2	0.2	<0.2	<0.2
Fluorene	ug/L	0.2	0.2	<0.2	<0.2
Hexachlorobenzene	ug/L	0.04	0.04	<0.04	<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	0.2	0.2	<0.2	<0.2
Indole	ug/L	0.4	0.4	39.2	<0.4
Isophorone	ug/L	0.4	0.4	<0.4	<0.4
N-Nitroso-di-n-propylamine	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
Pentachlorophenol	ug/L	0.5	0.5	<0.5	<0.5
Perylene	ug/L	0.2	0.2	<0.2	<0.2
Phenanthrene	ug/L	0.2	0.2	<0.2	<0.2
Phenol	ug/L	0.5	0.5	7.2	<0.5
Pyrene	ug/L	0.2	0.2	<0.2	<0.2
2-Fluorobiphenyl	%			93	100
2,4,6-Tribromophenol	%			140	127
Nitrobenzene d5	%			97	98
p-Terphenyl d14	%			81	85
Phenol d5	%			28	25

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

2'nd Quarter Sampling Parameter	June 21, 2007			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	7.2	3.0
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	<0.5	<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	<0.02	<0.02
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			7.20	2.98
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	0.1	<10	<0.1
pp-DDD	ug/L	10	0.1	<10	<0.1
pp-DDE	ug/L	10	0.1	<10	<0.1
pp-DDT	ug/L	10	0.1	<10	<0.1
Heptachlor	ug/L	1	0.1	<1	<0.1
Heptachlor Epoxide	ug/L	10	0.1	<10	<0.1
a-chlordane	ug/L	10	0.1	<10	<0.1
g-chlordane	ug/L	10	0.1	<10	<0.1
Aldrin	ug/L	1	0.1	<1	<0.1
Dieldrin	ug/L	10	0.1	<10	<0.1
Lindane	ug/L	1	0.1	<1	<0.1
Methoxychlor	ug/L	10	0.1	<10	<0.1
alpha-BHC	ug/L	1	0.1	<1	<0.1
beta-BHC	ug/L	1	0.1	<1	<0.1
delta-BHC	ug/L	1	0.1	<1	<0.1
Oxychlordane	ug/L	10	0.1	<10	<0.1
Endrin	ug/L	10	0.1	<10	<0.1
beta-Endosulfan	ug/L	10	0.1	<10	<0.1
alpha-Endosulfan	ug/L	25	0.1	<25	<0.1
o,p-DDE	ug/L	10	0.1	<10	<0.1
Endrin Aldehyde	ug/L	10	0.1	<10	<0.1
Endosulfan Sulfate	ug/L	10	0.1	<10	<0.1
Mirex	ug/L	10	0.1	<10	<0.1
op-DDD	ug/L	10	0.1	<10	<0.1
2-Fluorobiphenyl	%			111	102
d14-Terphenyl	%			126	99

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

2'nd Quarter Sampling Parameter	June 21, 2007			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
Mecoprop	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	%			104	93
Target Compounds by GC/MS					
Octachlorostyrene	mg/L	0.005	0.005	<0.005	<0.005
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.005	0.005	<0.005	<0.005
Dinitropyrene	mg/L	2	2	<2	<2
2-Fluorobiphenyl	%			138	55
p-Terphenyl d14	%			212	91
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	0.9	0.7
2-Hexanone	ug/L	20	20	<20	<20
Acetone	ug/L	20	20	100	<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	2.2	<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	8.2	7.6
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	2.3	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	0.6	1.0
Ethyl Benzene	ug/L	0.5	0.5	<0.5	<0.5
m+p-Xylenes	ug/L	1	1	<1	<1

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

2'nd Quarter Sampling Parameter	June 21, 2007			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	1.0	1.0
Toluene	ug/L	0.5	0.5	3.3	<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	0.9	<0.5
Trichlorofluoromethane	ug/L	1	1	<1	<1
Trihalomethanes (total)	ug/L	2	2	8.2	7.6
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	101
Toluene-d8	%			99	97
4-Bromofluorobenzene	%			99	100

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.*

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

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

3'rd Quarter Sampling Parameter	September 20, 2007			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	53	5.4
Toxaphene	mg/L	0.0001	0.0001	<0.0001	<0.0001
Phenols (4AAP)	mg/L	0.001	0.001	0.063	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	32	<1
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	0.024	0.007
Copper, Total	mg/L	0.001	0.001	0.669	0.025
Molybdenum, Total	mg/L	NA	NA	NA	NA
Nickel, Total	mg/L	0.001	0.001	0.018	0.008
Lead, Total	mg/L	0.001	0.001	0.008	0.001
Selenium, Total	mg/L	NA	NA	NA	NA
Zinc, Total	mg/L	0.003	0.003	0.284	0.075
Dioxins and Furans					
2378 TeCDD	pg/L	0.9	0.6	<0.90	<0.60
12378 PeCDD	pg/L	0.5	0.4	<0.50	<0.40
123478 HxCDD	pg/L	0.6	0.3	<0.60	<0.30
123678 HxCDD	pg/L	0.5	0.3	<0.50	<0.30
123789 HxCDD	pg/L	0.5	0.3	<0.50	<0.30
1234678 HpCDD	pg/L	1	0.6	6.0	2.8
OCDD	pg/L	2	0.6	63	15
Total TCDD	pg/L	0.9	0.6	<0.90	<0.60
Total PeCDD	pg/L	0.5	0.4	<0.50	<0.40
Total HxCDD	pg/L	0.6	0.3	<0.60	<0.30
Total HpCDD	pg/L	1	0.6	14	4.4
Total PCDDs	pg/L	2	0.6	77	20
2378 TeCDF	pg/L	0.7	0.4	<0.70	<0.40
12378 PeCDF	pg/L	0.4	0.3	<0.40	<0.30
23478 PeCDF	pg/L	0.3	0.2	<0.30	<0.20
123478 HxCDF	pg/L	0.3	0.2	<0.30	<0.20
123678 HxCDF	pg/L	0.3	0.2	<0.30	<0.20
123789 HxCDF	pg/L	0.4	0.3	<0.40	<0.30
234678 HxCDF	pg/L	0.3	0.2	<0.30	<0.20
1234678 HpCDF	pg/L	0.7	0.7	<0.70	<0.70
1234789 HpCDF	pg/L	1	0.9	<1.0	<0.90
OCDF	pg/L	2	1	10	<1.0
Total TCDF	pg/L	0.7	0.4	<0.70	<0.40
Total PeCDF	pg/L	0.4	0.3	<0.40	<0.30
Total HxCDF	pg/L	0.4	0.3	<0.40	<0.30
Total HpCDF	pg/L	1	0.9	<1.0	<0.90
Total PCDFs	pg/L	2	1	10	<1.0
Total TEQ (ND=0) (WHO Calc)	pg/L			0.08	0.03

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

3 rd Quarter Sampling Parameter	September 20, 2007			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L			1.05	0.71
Total TEQ (ND=DL) (WHO Calc)	pg/L			2.02	1.38
13C12 2378 TeCDD	%			56	65
13C12 12378 PeCDD	%			80	83
13C12 123478 HxCDD	%			62	76
13C12 123678 HxCDD	%			73	83
13C12 1234678 HpCDD	%			51	71
13C12 OCDD	%			44	70
13C12 2378 TeCDF	%			49	62
13C12 12378 PeCDF	%			75	87
13C12 23478 PeCDF	%			69	81
13C12 123478 HxCDF	%			68	87
13C12 123678 HxCDF	%			77	90
13C12 234678 HxCDF	%			80	91
13C12 123789 HxCDF	%			77	95
13C12 1234678 HpCDF	%			54	69
13C12 1234789 HpCDF	%			49	72
37C14 2378 TeCDD	%			51	56
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	<0.4
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
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	3	0.3	<3	<0.3
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	77	<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

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

3'rd Quarter Sampling Parameter	September 20, 2007		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	80	<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	15	<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	<5	<0.5
Pyrene	ug/L	2	0.2	<2	<0.2
2-Fluorobiphenyl	%			105	58
2,4,6-Tribromophenol	%			98	91
Nitrobenzene d5	%			105	75
p-Terphenyl d14	%			87	90
Phenol d5	%			30	21

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

3'rd Quarter Sampling Parameter	September 20, 2007			NEWPCC	
	Units	MDL-Raw	MDL-Final	Raw Sewage Grab	Final Effluent Grab
Low Level Nonylphenols and Ethoxylates					
Nonylphenols	ug/L	0.1	0.1	17.3	0.2
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	23.0	<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	0.84	<0.02
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			29.6	0.186
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	0.1	<10	<0.1
pp-DDD	ug/L	1	0.1	<1	<0.1
pp-DDE	ug/L	1	0.1	<1	<0.1
pp-DDT	ug/L	10	0.1	<10	<0.1
Heptachlor	ug/L	1	0.1	<1	<0.1
Heptachlor Epoxide	ug/L	1	0.1	<1	<0.1
a-chlordane	ug/L	1	0.1	<1	<0.1
g-chlordane	ug/L	1	0.1	<1	<0.1
Aldrin	ug/L	1	0.1	<1	<0.1
Dieldrin	ug/L	1	0.1	1	<0.1
Lindane	ug/L	1	0.1	<1	<0.1
Methoxychlor	ug/L	10	0.1	<10	<0.1
alpha-BHC	ug/L	1	0.1	<1	<0.1
beta-BHC	ug/L	1	0.1	<1	<0.1
delta-BHC	ug/L	1	0.1	<1	<0.1
Oxychlordane	ug/L	1	0.1	<1	<0.1
Endrin	ug/L	1	0.1	<1	<0.1
beta-Endosulfan	ug/L	1	0.1	<1	<0.1
alpha-Endosulfan	ug/L	1	0.1	<1	<0.1
o,p-DDE	ug/L	1	0.1	<1	<0.1
Endrin Aldehyde	ug/L	1	0.1	<1	<0.1
Endosulfan Sulfate	ug/L	1	0.1	<1	<0.1
Mirex	ug/L	1	0.1	<1	<0.1
op-DDD	ug/L	1	0.1	<1	<0.1
2-Fluorobiphenyl	%			53	78
d14-Terphenyl	%			81	87

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

3'rd Quarter Sampling Parameter	September 20, 2007			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
Mecoprop	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	%			37	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	%			75	75
p-Terphenyl d14	%			63	68
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	0.8	0.7
2-Hexanone	ug/L	20	20	<20	<20
Acetone	ug/L	20	20	120	<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	10.3	7.2
Chloromethane	ug/L	1	1	<1	<1
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	1.1	<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	1.4
Ethyl Benzene	ug/L	0.5	0.5	<0.5	<0.5
m+p-Xylenes	ug/L	1	1	<1	<1

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

3'rd Quarter Sampling Parameter	September 20, 2007			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	<0.5
Toluene	ug/L	0.5	0.5	6.1	0.7
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	10.3	7.2
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5
1,2-Dichloroethane d4	%			85	94
Toluene-d8	%			99	102
4-Bromofluorobenzene	%			106	106

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.*

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

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

4'th Quarter Sampling	NEWPCC					
	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	0.5	0.5	NR	3.4	
Toxaphene	mg/L	0.0001	0.0001	<0.0001	<0.0001	
Phenols (4AAP)	mg/L	0.001	0.001	0.079	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	36	<1	
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	0.064	0.009	
Copper, Total	mg/L	0.001	0.001	0.137	0.024	
Molybdenum, Total	mg/L	NA	NA	NA	NA	
Nickel, Total	mg/L	0.001	0.001	0.011	0.008	
Lead, Total	mg/L	0.001	0.001	0.015	0.001	
Selenium, Total	mg/L	NA	NA	NA	NA	
Zinc, Total	mg/L	0.003	0.003	1.103	0.154	
Dioxins and Furans						
2378 TeCDD	pg/L	0.7	0.5	<0.70	<0.50	
12378 PeCDD	pg/L	0.7	0.4	<0.70	<0.40	
123478 HxCDD	pg/L	0.4	0.2	<0.40	<0.20	
123678 HxCDD	pg/L	0.5	0.2	<0.50	<0.20	
123789 HxCDD	pg/L	0.5	0.2	<0.50	<0.20	
1234678 HpCDD	pg/L	1	0.5	13	2.4	
OCDD	pg/L	2	0.3	120	8	
Total TCDD	pg/L	0.7	0.5	<0.70	<0.50	
Total PeCDD	pg/L	0.7	0.4	<0.70	<0.40	
Total HxCDD	pg/L	0.5	0.2	1.7	<0.20	
Total HpCDD	pg/L	1	0.5	27	4.6	
Total PCDDs	pg/L	2	0.5	150	13	
2378 TeCDF	pg/L	0.4	0.3	<0.40	<0.30	
12378 PeCDF	pg/L	0.6	0.3	<0.60	<0.30	
23478 PeCDF	pg/L	0.4	0.2	<0.40	<0.20	
123478 HxCDF	pg/L	0.3	0.1	<0.30	<0.10	
123678 HxCDF	pg/L	0.3	0.1	<0.30	<0.10	
123789 HxCDF	pg/L	0.4	0.2	<0.40	<0.20	
234678 HxCDF	pg/L	0.3	0.1	<0.30	<0.10	
1234678 HpCDF	pg/L	0.6	0.2	5.2	<0.20	
1234789 HpCDF	pg/L	0.9	0.3	<0.90	<0.30	
OCDF	pg/L	1	0.6	18	<0.60	
Total TCDF	pg/L	0.4	0.3	<0.40	<0.30	
Total PeCDF	pg/L	0.6	0.3	<0.60	<0.30	
Total HxCDF	pg/L	0.4	0.2	1.8	<0.20	
Total HpCDF	pg/L	0.9	0.3	5.2	<0.30	
Total PCDFs	pg/L	1	0.6	25	<0.60	
Total TEQ (ND=0) (WHO Calc)	pg/L			0.21	0.02	

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

4'th Quarter Sampling	NEWPCC					
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
					Grab	Grab
Total TEQ (ND=0.5DL) (WHO Calc)	pg/L				1.19	0.6
Total TEQ (ND=DL) (WHO Calc)	pg/L				2.16	1.19
13C12 2378 TeCDD	%				48	66
13C12 12378 PeCDD	%				49	72
13C12 123478 HxCDD	%				42	71
13C12 123678 HxCDD	%				40	67
13C12 1234678 HpCDD	%				37	69
13C12 OCDD	%				31	58
13C12 2378 TeCDF	%				47	65
13C12 12378 PeCDF	%				48	72
13C12 23478 PeCDF	%				49	72
13C12 123478 HxCDF	%				37	64
13C12 123678 HxCDF	%				40	66
13C12 234678 HxCDF	%				38	65
13C12 123789 HxCDF	%				38	65
13C12 1234678 HpCDF	%				35	66
13C12 1234789 HpCDF	%				36	67
37C14 2378 TeCDD	%				51	71
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	0.4
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
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	3	0.3		<3	<0.3
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		105	<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

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

4'th Quarter Sampling	NEWPCC				
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage 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	0.5	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	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	110	<1
Di-n-butylphthalate	ug/L	20	2	<20	<2
Di-n-octylphthalate	ug/L	4	0.4	<4	<0.4
Dibenzo(a,h)anthracene	ug/L	2	0.2	<2	<0.2
Diethylphthalate	ug/L	2	0.2	7	<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	67	<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	19	<0.5
Pyrene	ug/L	2	0.2	<2	<0.2
2-Fluorobiphenyl	%			79	54
2,4,6-Tribromophenol	%			141	93
Nitrobenzene d5	%			118	78
p-Terphenyl d14	%			123	55
Phenol d5	%			4	19

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

4'th Quarter Sampling	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	8.4	2.5	
Nonylphenol Monoethoxylates	ug/L	0.5	0.5	16.8	0.6	
Nonylphenol Diethoxylates	ug/L	1.2	1.2	<1	<1	
Nonylphenol Triethoxylates	ug/L	2	2	<2	<2	
t-Octylphenol	ug/L	0.05	0.02	0.36	0.22	
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			17.2	3.00	
PCB						
Aroclor 1016	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Aroclor 1221	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Aroclor 1232	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Aroclor 1242	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Aroclor 1248	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Aroclor 1254	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Aroclor 1260	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Aroclor 1262	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Aroclor 1268	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Total PCBs	mg/L	0.00005	0.00005	<0.00005	<0.00005	
Pesticides, Organochlorine						
Aldrin	ug/L	1	1	<1	<1	
a-chlordane	ug/L	1	1	<1	<1	
g-chlordane	ug/L	1	1	<1	<1	
alpha-BHC	ug/L	1	1	<1	<1	
beta-BHC	ug/L	1	1	<1	<1	
delta-BHC	ug/L	1	1	<1	<1	
o,p-DDD	ug/L	1	1	<1	<1	
pp-DDD	ug/L	1	1	<1	<1	
o,p-DDE	ug/L	1	1	<1	<1	
pp-DDE	ug/L	1	1	<1	<1	
op-DDT	ug/L	1	1	<1	<1	
pp-DDT	ug/L	1	1	<1	<1	
Dieldrin	ug/L	1	1	<1	<1	
alpha-Endosulfan	ug/L	2	1	<2	<1	
beta-Endosulfan	ug/L	1	1	<1	<1	
Endosulfan Sulfate	ug/L	1	1	<1	<1	
Endrin	ug/L	1	1	<1	<1	
Endrin Aldehyde	ug/L	1	1	<1	<1	
Heptachlor	ug/L	1	1	<1	<1	
Heptachlor Epoxide	ug/L	1	1	<1	<1	
Lindane	ug/L	1	1	<1	<1	
Methoxychlor	ug/L	1	1	<1	<1	
Mirex	ug/L	1	1	<1	<1	
Oxychlordane	ug/L	1	1	<1	<1	
2-Fluorobiphenyl	%			74	94	
d14-Terphenyl	%			57	111	

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

4'th Quarter Sampling	NEWPCC					
	Parameter	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	
Mecoprop	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	%			49	70	
Target Compounds by GC/MS						
Octachlorostyrene	mg/L	0.005	0.0005	<0.005	<0.0005	
4,4'-Methylenebis(2-chloroaniline)	mg/L	0.005	0.0005	<0.005	<0.0005	
Dinitropyrene	mg/L	0.2	0.02	<0.2	<0.02	
2-Fluorobiphenyl	%	37-123	37-123	112	78	
p-Terphenyl d14	%	41-143	41-143	113	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	<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	0.9	0.7	
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	0.8	3.7	
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	10.1	8.9	
Chloromethane	ug/L	1	1	<1	<1	
cis-1,2-Dichloroethylene	ug/L	0.5	0.5	1.9	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	

**City Of Winnipeg
Water Waste Department**

North End Water Pollution Control Centre Quarterly Monitoring Report

4'th Quarter Sampling	NEWPCC					
	Parameter	Units	MDL-Raw	MDL-Final	Raw Sewage	Final Effluent
					Grab	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	<0.5	
Toluene	ug/L	0.5	0.5	5.3	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	10.1	8.9	
Vinyl chloride	ug/L	0.5	0.5	<0.5	<0.5	
Xylenes (Total)	ug/L	1.5	1.5	<1.5	<1.5	
1,2-Dichloroethane d4	%			101	98	
Toluene-d8	%			97	97	
4-Bromofluorobenzene	%			105	105	

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

1)Mercury (Hg)- Total : Not reported because sample was turbid and may not have been sufficiently preserved upon receipt.

** 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.