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2024 Schedule A and B Monitoring Report

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Aggregate Organics						
Oil & grease (gravimetric) mg/L	<5.0	40.9	<5.0	55.4	<5.0	37.5
Phenols, total (4AAP) mg/L	0.0019	0.0559	<0.0010	0.0807	<0.0010	0.0638
Anions and Nutrients						
Ammonia, total (as N) mg/L	39.1		0.085		0.989	
Ammonia, un-ionized (as N), field mg/L	0.080		<0.001		0.008	
Nitrate (as N) mg/L	0.446		12.7		2.72	
Bioassays						
Trout bioassay (pass/fail)	Fail		Pass		Pass	
Trout bioassay (pass/fail), pH stabilized	Fail		Pass		Pass	
Chlorinated Hydrocarbons						
Octachlorostyrene µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chlorinated Hydrocarbons Surrogates						
Decachlorobiphenyl µg/L	0.1	0.2	0.2	0.2	0.1	0.2
Tetrachloro-m-xylene µg/L	0.2	0.2	0.2	0.2	0.2	0.2
Chlorinated Phenolics						
Chlorophenol, 2- µg/L	<0.30	<1.60	<0.30	<0.30	<0.30	<0.30
Dichlorophenol, 2,4- µg/L	<0.30	<1.60	<0.30	<0.30	<0.30	<0.30
Dichlorophenol, 2,6- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Methylphenol, 4-chloro-3- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Pentachlorophenol [PCP] µg/L	<0.50	<4.00	<0.50	<0.56	<0.56	<0.62
Tetrachlorophenol, 2,3,4,5- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Tetrachlorophenol, 2,3,4,6- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Tetrachlorophenol, 2,3,5,6- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,3,4- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,3,5- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,4,5- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,4,6- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Dioxins and Furans HR 1613B						
2,3,7,8-TCDD - pg/L	<0.52	<0.86	<0.58	<0.80	<0.48	<0.91
1,2,3,7,8-PeCDD - pg/L	<0.48	<0.95	<0.45	<0.80	<0.53	<0.63
1,2,3,4,7,8-HxCDD - pg/L	<0.61	<1.2	<0.54	<1.1	<0.71	<0.82
1,2,3,6,7,8-HxCDD - pg/L	<0.62	2	<0.54	<1.1	<0.72	<0.81
1,2,3,7,8,9-HxCDD - pg/L	<0.58	<1.1	<0.51	<1.0	<0.67	<0.76
1,2,3,4,6,7,8-HpCDD - pg/L	0.67	42.9	<0.45	4.1	1.1	5.1
OCDD - pg/L	8.3	283	<1.1	29.5	9.3	68.3
2,3,7,8-TCDF - pg/L	<0.54	<1.2	<0.45	<0.77	<0.54	<0.80
1,2,3,7,8-PeCDF - pg/L	0.33	1.2	0.34	0.74	0.36	<0.51
2,3,4,7,8-PeCDF - pg/L	<0.33	<0.55	<0.22	<0.47	<0.26	<0.53
1,2,3,4,7,8-HxCDF - pg/L	<0.27	0.72	<0.35	<0.43	<0.23	<0.49

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Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
1,2,3,6,7,8-HxCDF - pg/L	<0.25	0.75	<0.34	<0.44	<0.25	<0.47
2,3,4,6,7,8-HxCDF - pg/L	<0.28	1.05	<0.33	<0.44	<0.23	<0.51
1,2,3,7,8,9-HxCDF - pg/L	<0.38	<1.1	<0.46	<0.63	<0.36	<0.66
1,2,3,4,6,7,8-HpCDF - pg/L	<0.43	7.8	<0.29	0.57	<0.42	<0.87
1,2,3,4,7,8,9-HpCDF - pg/L	<0.59	<1.6	<0.33	<0.66	<0.55	<1.1
OCDF - pg/L	<1.5	21	<0.89	<1.4	<1.2	<1.8
Total-TCDD - pg/L	<0.52	<0.86	<0.58	<0.80	<0.48	<0.91
Total TCDD # Homologues	0	0	0	0	0	0
Total-PeCDD - pg/L	<0.48	8.37	<0.45	<0.80	<0.53	<0.63
Total PeCDD # Homologues	0	3	0	0	0	0
Total-HxCDD - pg/L	<0.62	17	<0.54	<1.1	<0.72	<0.82
Total HxCDD # Homologues	0	3	0	0	0	0
Total-HpCDD - pg/L	<0.61	95.8	<0.45	<1.6	<0.73	5.8
Total HpCDD # Homologues	0	2	0	0	0	1
Total-TCDF - pg/L	<0.54	2.4	<0.45	<0.77	<0.54	<0.80
Total TCDF # Homologues	0	1	0	0	0	0
Total-PeCDF - pg/L	<0.33	1.52	0.34	<0.47	<0.27	<0.53
Total PeCDF # Homologues	0	1	1	0	0	0
Total-HxCDF - pg/L	<0.38	8.2	<0.46	<0.63	<0.36	<0.66
Total HxCDF # Homologues	0	4	0	0	0	0
Total-HpCDF - pg/L	<0.59	7.8	<0.33	<0.66	<0.55	<1.1
Total HpCDF # Homologues	0	1	0	0	0	0
Surrogate: 13C12-2,3,7,8-TCDD (%)	96	90	92	88	110	85
Surrogate: 13C12-1,2,3,7,8-PeCDD (%)	75	72	84	73	79	71
Surrogate: 13C12-1,2,3,4,7,8-HxCDD (%)	94	88	99	88	80	89
Surrogate: 13C12-1,2,3,6,7,8-HxCDD (%)	98	96	101	92	87	92
Surrogate: 13C12-1,2,3,4,6,7,8-HpCDD (%)	79	67	94	70	73	82
Surrogate: 13C12-OCDD (%)	47	34	64	40	46	50
Surrogate: 13C12-2,3,7,8-TCDF (%)	92	84	90	80	87	81
Surrogate: 13C12-1,2,3,7,8-PeCDF (%)	97	93	100	92	94	92
Surrogate: 13C12-2,3,4,7,8-PeCDF (%)	82	79	87	77	85	78
Surrogate: 13C12-1,2,3,4,7,8-HxCDF (%)	97	101	99	90	87	96
Surrogate: 13C12-1,2,3,6,7,8-HxCDF (%)	102	106	105	95	92	97
Surrogate: 13C12-2,3,4,6,7,8-HxCDF (%)	97	100	103	93	87	93
Surrogate: 13C12-1,2,3,7,8,9-HxCDF (%)	94	92	98	89	81	93
Surrogate: 13C12-1,2,3,4,6,7,8-HpCDF (%)	75	66	84	68	66	74
Surrogate: 13C12-1,2,3,4,7,8,9-HpCDF (%)	75	65	97	69	71	80
Surrogate: 37Cl4-2,3,7,8-TCDD (Cleanup) (%)	87	84	91	89	94	80
Lower Bound PCDD/F TEQ (WHO 2005) - pg/L	0.00249	0.978	0.0102	0.00885	0.00278	0.0205
Mid Point PCDD/F TEQ (WHO 2005) - pg/L	0.75	2.37	0.74	1.25	0.759	1.2

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Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Upper Bound PCDD/F TEQ (WHO 2005) - pg/L	1.48	3.54	1.47	2.42	1.49	2.34

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Field Tests						
pH, field pH units	6.89		7.05		7.51	
Temperature, field °C	14.6		14.6		14.6	
Herbicides						
Acetic acid, 2-methyl-4-chlorophenoxy- [MCPA] µg/L	<0.750	<0.500	<0.500	<0.500	<0.500	<0.500
Asulam µg/L	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Brodifacoum µg/L	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Bromacil µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Bromoxynil µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB] µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Clopyralid µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Dicamba µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Dichlorophenoxy(2,4-)butyric acid, 4- [2,4-DB] µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Dichlorophenoxyacetic acid, 2,4- [2,4-D] µg/L	<0.575	<0.500	<0.500	<0.500	<0.500	<0.500
Dichlorprop [2,4-DP] µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Diflufenican µg/L	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Dinoseb µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Linuron µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Mecoprop [MCPP] µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Nicarbazin µg/L	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Oryzalin µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Picloram µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Propanil µg/L	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Terbacil µg/L	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T] µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Trichlorophenoxypropionic acid, 2,4,5- [2,4,5-TP] µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Triclopyr µg/L	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Herbicides Surrogates						
Dichlorophenylacetic acid, 2,4- µg/L	10.2	8.9	9.7	8.6	10.6	10.2
Inorganics						
Chlorine, total mg/L	<0.020		<0.020		0.022	
Metals						
Tributyltin µg/L	<0.050	<0.050	<0.053	<0.050	<0.050	<0.050
Non-Chlorinated Phenolics						
Dimethylphenol, 2,4- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50
Dinitrophenol, 2,4- µg/L	<1.0	<8.9	<1.0	<18.8	<1.1	<16.2
Methylphenol, 2- µg/L	<0.50	<1.90	<0.50	<0.50	<0.50	<2.60
Methylphenol, 3+4- µg/L	<0.50	221	<0.50	158	<0.50	104
Methylphenols, total µg/L	<0.75	221	<0.75	158	<0.75	104
Nitrophenol, 2- µg/L	<0.50	<1.60	<0.50	<0.50	<0.50	<0.50

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Nitrophenol, 4- µg/L	<0.50	<4.00	<0.50	<0.60	<0.56	<1.25
Phenol µg/L	<0.50	69.7	<0.50	33.0	<0.50	22.3
Phenol, 2-methyl-4,6-dinitro- [DNOC] µg/L	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
Nonylphenols						
Bisphenol A [BPA] µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nonylphenol [NP] µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
Nonylphenol diethoxylate [NP2EO] µg/L	<0.10	5.21	<0.10	1.03	<0.10	0.80
Nonylphenol ethoxylates, mono+di µg/L	<2.0	13.8	<10.0	<10.0	<10.0	<20.0
Nonylphenol monoethoxylate [NP1EO] µg/L	<2.0	8.6	<10.0	<10.0	<10.0	<20.0
Octylphenol [OP] µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Octylphenol diethoxylate [OP2EO] µg/L	<0.10	<0.12	<0.50	<0.50	<0.50	<0.50
Octylphenol ethoxylates, mono+di µg/L	<2.0	<2.0	<10.0	<10.0	<10.0	<10.0
Octylphenol monoethoxylate [OP1EO] µg/L	<2.0	<2.0	<10.0	<10.0	<10.0	<10.0
Organochlorine Pesticides						
Aldrin + Dieldrin µg/L	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Aldrin µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Chlordane, cis- (alpha) µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Chlordane, total µg/L	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Chlordane, trans- (gamma) µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
DDD, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDD, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDD, total µg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
DDE, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDE, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDE, total µg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
DDT + metabolites, total µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
DDT, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDT, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDT, total µg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Dieldrin µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Endosulfan sulfate µg/L	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070
Endosulfan, alpha- µg/L	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070
Endosulfan, beta- µg/L	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070
Endosulfan, total µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Endrin µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Endrin aldehyde µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Heptachlor + Heptachlor epoxide µg/L	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Heptachlor µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Heptachlor epoxide µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorobenzene µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080

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ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Hexachlorobutadiene µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, alpha- µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, beta- µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, delta- µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, gamma- µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, total µg/L	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Hexachloroethane µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Methoxychlor µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Mirex µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Nonachlor, trans- µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Oxychlordane µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Pentachloronitrobenzene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Toxaphene, total µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Organochlorine Pesticides Surrogates						
Decachlorobiphenyl µg/L	0.14	<0.1	0.21	<0.1	0.14	0.13
Tetrachloro-m-xylene µg/L	0.21	0.2	0.21	0.2	0.22	0.24
Organometallics						
Tetraethyl lead µg/L	<0.00020	0.00034	<0.00020	<0.00020	<0.00020	<0.00020
Organometallics Surrogates						
Tetraethyl tin ng/L	290	290	370	290	330	280
Phenolics Surrogates						
Tribromophenol, 2,4,6- µg/L	1.09	18.8	1.13	0.86	1.10	1.11
Phthalate Esters						
bis(2-Ethylhexyl) phthalate [DEHP] µg/L	<1.3	<50.0	<1.0	<9.9	<1.0	<9.2
Butyl benzyl phthalate µg/L	<0.80	<14.0	<0.68	<2.96	<0.84	<2.20
Diethyl phthalate µg/L	<0.20	<1.88	<0.20	1.93	<0.22	2.44
Dimethyl phthalate µg/L	<0.20	<1.60	<0.20	<0.22	<0.22	<0.25
Di-n-butyl phthalate µg/L	<1.0	<7.0	<1.0	<1.2	<1.0	<1.5
Di-n-octyl phthalate [DNOP] µg/L	<0.40	<3.24	<0.40	<0.52	<0.40	<0.44
Polychlorinated Biphenyls						
Aroclor 1016 µg/L	<0.020	<0.100	<0.020	<0.100	<0.100	<0.100
Aroclor 1221 µg/L	<0.020	<0.100	<0.020	<0.100	<0.100	<0.100
Aroclor 1232 µg/L	<0.020	<0.100	<0.020	<0.100	<0.100	<0.100
Aroclor 1242 µg/L	<0.020	<0.100	<0.020	<0.100	<0.100	<0.100
Aroclor 1248 µg/L	<0.020	<0.100	<0.020	<0.100	<0.100	<0.100
Aroclor 1254 µg/L	<0.020	<0.100	<0.020	<0.100	<0.100	<0.100
Aroclor 1260 µg/L	<0.020	<0.200	<0.020	<0.100	<0.100	<0.100
Aroclor 1262 µg/L	<0.020	<0.200	<0.020	<0.100	<0.100	<0.100
Aroclor 1268 µg/L	<0.020	<0.200	<0.020	<0.100	<0.100	<0.100
Polychlorinated biphenyls [PCBs], total µg/L	<0.060	<0.424	<0.060	<0.300	<0.300	<0.300

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Polychlorinated Biphenyls Surrogates						
Decachlorobiphenyl µg/L	0.2	<0.1	0.2	0.1	0.1	0.1
Tetrachloro-m-xylene µg/L	0.3	0.3	0.2	0.2	0.2	0.2
Polycyclic Aromatic Hydrocarbons						
Acenaphthene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Acenaphthylene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Anthracene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Benz(a)anthracene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Benzo(a)pyrene µg/L	<0.050	<0.800	<0.050	<0.111	<0.111	<0.125
Benzo(b+j)fluoranthene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Benzo(e)pyrene µg/L	<0.050	<0.800	<0.050	<0.111	<0.111	<0.125
Benzo(g,h,i)perylene µg/L	<0.20	<0.80	<0.20	<0.24	<0.20	<0.20
Benzo(k)fluoranthene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Camphene µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Chrysene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Dibenz(a,h)acridine µg/L	<0.050	<0.444	<0.050	<0.222	<0.050	<0.050
Dibenz(a,h)anthracene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Dibenz(a,j)acridine µg/L	<0.050	<0.444	<0.050	<0.222	<0.050	<0.070
Dibenzo(a,e)pyrene µg/L	<0.050	<0.444	<0.050	<0.222	<0.050	<0.050
Dibenzo(a,h)pyrene µg/L	<0.099	<0.444	<0.050	<0.222	<0.050	<0.050
Dibenzo(a,i)pyrene µg/L	<0.103	<0.500	<0.050	<0.222	<0.050	<0.050
Dibenzo(c,g)carbazole, 7H- µg/L	<0.053	<0.444	<0.050	<0.475	<0.050	<0.240
Dibenzofuran µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Dinitropyrene, 1,3- µg/L	<1.0	<4.4	<1.0	<2.2	<1.0	<1.0
Dinitropyrene, 1,6- µg/L	<1.0	<12.1	<1.0	<7.3	<2.5	<3.3
Dinitropyrene, 1,8- µg/L	<1.0	<67.1	<1.0	<61.3	<2.5	<24.1
Dinitropyrene, total µg/L	<2.0	<68.3	<2.0	<61.8	<3.7	<24.3
Fluoranthene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Fluorene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Indeno(1,2,3-c,d)pyrene µg/L	<0.20	<0.80	<0.20	<8.60	<0.20	<10.2
Methylcholanthrene, 3- µg/L	<0.050	<0.444	<0.050	<0.222	<0.050	<0.050
Methylnaphthalene, 1- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Methylnaphthalene, 2- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Naphthalene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Perylene µg/L	<0.20	<0.80	<0.20	<0.28	<0.20	<0.40
Phenanthrene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Pyrene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Polycyclic Aromatic Hydrocarbons Surrogates						
Terphenyl-d14, p- µg/L	0.6	0.6	0.7	0.6	0.8	0.7
Semi-Volatile Organics						

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Biphenyl µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
bis(2-Chloro-1-methylethyl) ether µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
bis(2-Chloroethoxy)methane µg/L	<0.40	<1.08	<0.40	<0.40	<0.40	<0.40
bis(2-Chloroethyl) ether µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Bromophenylphenyl ether, 4- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Chloroaniline, 4- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Chloronaphthalene, 1- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Chloronaphthalene, 2- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Chlorophenylphenyl ether, 4- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,2- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,3- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,4- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Dichlorobenzidine, 3,3'- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Dinitrotoluene, 2,4- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Dinitrotoluene, 2,6- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Diphenyl ether µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Hexachlorobenzene µg/L	<0.040	<0.400	<0.040	<0.056	<0.056	<0.062
Hexachlorobutadiene µg/L	<0.20	<0.80	<0.20	<0.20	<0.20	<0.20
Hexachlorocyclopentadiene µg/L	<0.40	<0.80	<0.40	<2.00	<2.00	<2.00
Hexachloroethane µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Indole µg/L	<0.40	31.6	<0.40	22.0	<0.40	1.23
Isophorone µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Methylenebis(2-chloraniline), 4,4'- µg/L	<0.50	<1.11	<0.50	<0.56	<0.50	<0.50
Nitroacenaphthene, 5- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<1.08
Nitrobenzene µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Nitrosodi-n-propylamine, N- µg/L	<0.40	<2.40	<0.40	<1.44	<0.40	<0.68
Nitrosodiphenylamine, N- + Diphenylamine µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Trichlorobenzene, 1,2,3- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Trichlorobenzene, 1,2,4- µg/L	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Semi-Volatile Organics Surrogates						
Fluorobiphenyl, 2- µg/L	<1.0	12.0	<1.0	1.3	<1.0	<1.0
Nitrobenzene-d5 µg/L	<1.0	14.5	<1.0	<1.0	<1.0	<1.0
Terphenyl-d14, p- µg/L	<1.0	<2.2	<1.0	<1.0	<1.0	<1.0
Speciated Metals						
Chromium, hexavalent [Cr VI], total mg/L	0.00072	<0.00050	<0.00050	0.00108	<0.00050	0.00086
Total Metals						
Arsenic, total mg/L	0.00098	0.00193	0.00051	0.00081	0.00081	0.00069
Cadmium, total mg/L	0.0000069	0.000220	0.0000095	0.000233	0.0000089	0.000138
Chromium, total mg/L	0.00100	0.00317	0.00078	0.00210	0.00075	0.00097
Copper, total mg/L	0.00353	0.0577	0.323	0.0947	0.00542	0.0722

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Lead, total mg/L	0.000141	0.00305	0.00892	0.00108	0.000363	0.000926
Mercury, total mg/L	<0.0000050	0.0000445	0.0000054	0.0000395	<0.0000050	0.0000331
Molybdenum, total mg/L	0.00514	0.00552	0.00272	0.00360	0.00280	0.00300
Nickel, total mg/L	0.00526	0.00508	0.0108	0.0110	0.00328	0.00374
Selenium, total mg/L	0.000269	0.000710	0.000171	0.000618	0.000188	0.000468
Zinc, total mg/L	0.0250	0.0739	0.145	0.114	0.0130	0.0835
Volatile Organic Compounds						
Acetone µg/L	<20	162	<20	134	<20	142
Benzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
BTEX, total µg/L	<1.0	3.0	<1.0	2.4	<1.0	2.1
Carbon disulfide µg/L	<1.0	1.0	<1.0	1.3	<1.0	<1.0
Carbon tetrachloride µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroform µg/L	3.73	4.54	<0.50	3.56	0.50	3.85
Chloromethane µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dibromochloromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromoethane, 1,2- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorobenzene, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorobenzene, 1,3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorobenzene, 1,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorodifluoromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethane, 1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethane, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, 1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, cis+trans-1,2- µg/L	<0.71	1.12	<0.71	<0.71	<0.71	<0.71
Dichloroethylene, cis-1,2- µg/L	<0.50	1.12	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, trans-1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloromethane µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichloropropane, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloropropylene, cis+trans-1,3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloropropylene, cis-1,3- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Dichloropropylene, trans-1,3- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Ethylbenzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexane, n- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexanone, 2- µg/L	<20	<20	<20	<20	<20	<20
Methyl ethyl ketone [MEK] µg/L	<20	<20	<20	<20	<20	<20

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024	27-02-2024
ID	WP2404651-001; WP2404485-001; L2754724-1	WP2404651-002; L2754724-2	WP2404651-003; WP2404485-002; L2754724-3	WP2404651-004; L2754724-4	WP2404651-005; WP2404485-003; L2754724-5	WP2404651-006; L2754724-6
Analyte	**Sample Results**					
Methyl isobutyl ketone [MIBK] µg/L	<20	<20	<20	<20	<20	<20
Methyl-tert-butyl ether [MTBE] µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Styrene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethane, 1,1,1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethane, 1,1,2,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene µg/L	<0.50	2.04	<0.50	<0.50	<0.50	<0.50
Toluene µg/L	<0.50	3.01	<0.50	2.43	<0.50	2.08
Trichloroethane, 1,1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethane, 1,1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorofluoromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trihalomethanes [THMs], total µg/L	3.7	4.5	<1.0	3.6	<1.0	3.8
Vinyl chloride µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Xylene, m+p- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Xylene, o- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Xylenes, total µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Volatile Organic Compounds Surrogates						
Bromofluorobenzene, 4- µg/L	7.9	7.8	7.8	7.6	7.8	7.7
Difluorobenzene, 1,4- µg/L	11.6	11.6	11.7	11.3	11.4	11.6

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Aggregate Organics						
Oil & grease (gravimetric) mg/L	6.1	12.0	<5.0	15.5	<5.0	132
Phenols, total (4AAP) mg/L	0.0044	0.0082	0.0023	0.0138	0.0014	0.0059
Anions and Nutrients						
Ammonia, total (as N) mg/L	27.4		0.035		0.057	
Ammonia, un-ionized (as N), field mg/L	<0.020		<0.001		0.031	
Nitrate (as N) mg/L	1.48		8.95		0.057	
Bioassays						
Trout bioassay (pass/fail)	Fail		Pass		Pass	
Trout bioassay (pass/fail), pH stabilized	Pass		Pass		Pass (Test result invalid due to a pH shift >0.3 units)	
Chlorinated Hydrocarbons						
Octachlorostyrene µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chlorinated Hydrocarbons Surrogates						
Decachlorobiphenyl µg/L	0.2	0.1	0.2	0.2	0.2	0.2
Tetrachloro-m-xylene µg/L	0.2	0.2	0.2	0.2	0.2	0.2
Chlorinated Phenolics						
Chlorophenol, 2- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Chlorophenol, 3+4- µg/L	<0.44	<0.89	<0.20	<0.44	3.90	<0.44
Dichlorophenol, 2,3- µg/L	<0.22	<0.44	<0.20	<0.22	<0.22	<0.22
Dichlorophenol, 2,4- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorophenol, 2,5- µg/L	<0.22	<0.44	<0.20	<0.22	<0.22	<0.22
Dichlorophenol, 2,6- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorophenol, 3,4- µg/L	<0.22	<0.44	<0.20	<0.22	0.38	<0.22
Dichlorophenol, 3,5- µg/L	<0.22	<0.44	<0.20	<0.22	<0.22	<0.22
Methylphenol, 4-chloro-3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Pentachlorophenol [PCP] µg/L	<0.50	<0.85	<0.50	<0.50	<0.50	<0.50
Tetrachlorophenol, 2,3,4,5- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachlorophenol, 2,3,4,6- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachlorophenol, 2,3,5,6- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,3,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,3,5- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,3,6- µg/L	<0.22	<0.44	<0.20	<0.22	<0.22	<0.22
Trichlorophenol, 2,4,5- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorophenol, 2,4,6- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorophenol, 3,4,5- µg/L	<0.22	<0.44	<0.20	<0.22	<0.30	<0.22
Dioxins and Furans HR 1613B						
2,3,7,8-TCDD - pg/L	<0.44	<0.60	<0.45	<0.54	<0.47	<0.41
1,2,3,7,8-PeCDD - pg/L	<0.67	<0.59	<0.43	<0.51	<0.56	<0.51
1,2,3,4,7,8-HxCDD - pg/L	<0.57	0.7	<0.37	<0.59	<0.38	<0.38
1,2,3,6,7,8-HxCDD - pg/L	<0.58	2.6	<0.37	<0.58	<0.39	<0.38

2024 Schedule A and B Monitoring Report

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
1,2,3,7,8,9-HxCDD - pg/L	0.67	1.9	<0.36	<0.57	<0.37	<0.37
1,2,3,4,6,7,8-HpCDD - pg/L	17.7	68.4	0.76	8.29	0.7	8.06
OCDD - pg/L	144	523	10	54.6	6.4	61.5
2,3,7,8-TCDF - pg/L	<0.51	<0.62	<0.41	<0.55	<0.50	<0.34
1,2,3,7,8-PeCDF - pg/L	<0.52	0.52	<0.38	<0.44	<0.37	0.62
2,3,4,7,8-PeCDF - pg/L	<0.49	1.43	<0.32	<0.39	<0.34	0.43
1,2,3,4,7,8-HxCDF - pg/L	0.62	1.91	<0.24	<0.30	<0.18	<0.31
1,2,3,6,7,8-HxCDF - pg/L	0.63	1.89	<0.25	<0.30	<0.18	<0.33
2,3,4,6,7,8-HxCDF - pg/L	<0.31	1.8	<0.24	<0.30	<0.18	<0.33
1,2,3,7,8,9-HxCDF - pg/L	<0.45	<0.57	<0.32	<0.41	<0.25	<0.47
1,2,3,4,6,7,8-HpCDF - pg/L	5.4	25	0.44	3.5	<0.36	2.42
1,2,3,4,7,8,9-HpCDF - pg/L	<0.75	<1.2	<0.51	<0.82	<0.53	<0.50
OCDF - pg/L	16.8	62.7	0.94	9.8	<0.68	6.19
Total-TCDD - pg/L	<0.44	<0.60	3.75	<0.54	0.8	<0.41
Total TCDD # Homologues	0	0	1	0	1	0
Total-PeCDD - pg/L	<0.67	0.83	<0.43	<0.51	<0.56	<0.51
Total PeCDD # Homologues	0	1	0	0	0	0
Total-HxCDD - pg/L	0.67	26.1	<0.37	1.3	<0.39	0.9
Total HxCDD # Homologues	1	4	0	1	0	1
Total-HpCDD - pg/L	46.1	193	<0.42	15.9	<0.53	13.6
Total HpCDD # Homologues	2	2	0	2	0	2
Total-TCDF - pg/L	<0.51	1.69	<0.41	<0.55	<0.50	<0.34
Total TCDF # Homologues	0	1	0	0	0	0
Total-PeCDF - pg/L	<0.52	5.85	<0.38	<0.44	<0.37	1.05
Total PeCDF # Homologues	0	3	0	0	0	2
Total-HxCDF - pg/L	6.67	27.9	<0.32	3.62	<0.25	<0.47
Total HxCDF # Homologues	4	5	0	2	0	0
Total-HpCDF - pg/L	8.47	28.1	<0.51	<0.82	<0.53	5.12
Total HpCDF # Homologues	1	1	0	0	0	2
Surrogate: 13C12-2,3,7,8-TCDD (%)	78	78	72	63	67	74
Surrogate: 13C12-1,2,3,7,8-PeCDD (%)	57	64	65	56	58	60
Surrogate: 13C12-1,2,3,4,7,8-HxCDD (%)	81	81	80	70	72	80
Surrogate: 13C12-1,2,3,6,7,8-HxCDD (%)	86	89	82	73	75	82
Surrogate: 13C12-1,2,3,4,6,7,8-HpCDD (%)	74	76	80	65	72	69
Surrogate: 13C12-OCDD (%)	47	48	52	42	48	44
Surrogate: 13C12-2,3,7,8-TCDF (%)	76	79	75	66	69	75
Surrogate: 13C12-1,2,3,7,8-PeCDF (%)	67	74	70	60	63	68
Surrogate: 13C12-2,3,4,7,8-PeCDF (%)	65	73	73	63	64	68
Surrogate: 13C12-1,2,3,4,7,8-HxCDF (%)	92	97	87	81	82	92
Surrogate: 13C12-1,2,3,6,7,8-HxCDF (%)	96	100	88	85	84	99

2024 Schedule A and B Monitoring Report

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Surrogate: 13C12-2,3,4,6,7,8-HxCDF (%)	95	100	92	83	84	95
Surrogate: 13C12-1,2,3,7,8,9-HxCDF (%)	87	90	87	77	77	85
Surrogate: 13C12-1,2,3,4,6,7,8-HpCDF (%)	80	82	84	70	75	76
Surrogate: 13C12-1,2,3,4,7,8,9-HpCDF (%)	68	67	74	61	65	63
Surrogate: 37Cl4-2,3,7,8-TCDD (Cleanup) (%)	74	76	69	63	62	73
Lower Bound PCDD/F TEQ (WHO 2005) - pg/L	0.417	1.67	0	0.0993	0.00193	0.274
Mid Point PCDD/F TEQ (WHO 2005) - pg/L	1.23	3.29	0.64	0.911	0.707	0.882
Upper Bound PCDD/F TEQ (WHO 2005) - pg/L	1.99	3.96	1.26	1.69	1.4	1.49
Field Tests						
pH, field pH units	7.01		7.36		9.66	
Temperature, field °C	14.7		14.7		14.7	
Herbicides						
Acetic acid, 2-methyl-4-chlorophenoxy- [MCPA] µg/L	4.15	0.372	<0.250	<0.250	<0.250	<0.250
Asulam µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Brodifacoum µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Bromacil µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoxynil µg/L	0.705	<0.250	<0.250	<0.250	<0.250	<0.250
Butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Clopyralid µg/L	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Dicamba µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorophenoxy(2,4-)butyric acid, 4- [2,4-DB] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Dichlorophenoxyacetic acid, 2,4- [2,4-D] µg/L	0.566	0.562	0.285	0.361	<0.250	0.986
Dichlorprop [2,4-DP] µg/L	0.400	<0.250	<0.250	<0.250	<0.250	<0.250
Diflufenican µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dinoseb µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Linuron µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Mecoprop [MCPP] µg/L	<0.250	0.377	<0.250	<0.250	<0.250	0.557
Nicarbazin µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Oryzalin µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Picloram µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Propanil µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Terbacil µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Trichlorophenoxypropionic acid, 2,4,5- [2,4,5-TP] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Triclopyr µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Herbicides Surrogates						
Dichlorophenylacetic acid, 2,4- µg/L	10.5	10.7	10.8	9.8	9.7	8.7
Inorganics						
Chlorine, total mg/L	<0.020		0.046		0.020	
Metals						

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Tributyltin µg/L	<0.050	<0.050	<0.053	<0.050	<0.050	<0.050
Non-Chlorinated Phenolics						
Dimethylphenol, 2,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dinitrophenol, 2,4- µg/L	<1.0	<2.7	<1.0	<1.0	<1.0	<1.0
Methylphenol, 2- µg/L	<0.50	0.92	<0.50	<0.55	<0.50	<0.75
Methylphenol, 3+4- µg/L	<0.50	29.0	<0.50	43.8	<0.50	7.81
Methylphenols, total µg/L	<0.75	29.9	<0.75	43.8	<0.75	7.81
Nitrophenol, 2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrophenol, 4- µg/L	<0.50	<0.80	<0.50	<1.00	<0.50	<1.50
Phenol µg/L	<0.50	12.1	<0.50	13.7	<0.50	4.20
Phenol, 2-methyl-4,6-dinitro- [DNOC] µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Nonylphenols						
Bisphenol A [BPA] µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nonylphenol [NP] µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nonylphenol diethoxylate [NP2EO] µg/L	<0.14	0.22	<0.10	0.45	<0.10	<0.16
Nonylphenol ethoxylates, mono+di µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Nonylphenol monoethoxylate [NP1EO] µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Octylphenol [OP] µg/L	N/A	N/A	N/A	N/A	N/A	N/A
Octylphenol diethoxylate [OP2EO] µg/L	<0.10	<0.10	<0.10	<0.10	<1.00	<0.10
Octylphenol ethoxylates, mono+di µg/L	<2.0	<2.0	<2.0	<2.0	<2.2	<2.0
Octylphenol monoethoxylate [OP1EO] µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Organochlorine Pesticides						
Aldrin + Dieldrin µg/L	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Aldrin µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Chlordane, cis- (alpha) µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Chlordane, total µg/L	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Chlordane, trans- (gamma) µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
DDD, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDD, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDD, total µg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
DDE, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDE, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDE, total µg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
DDT + metabolites, total µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
DDT, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDT, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
DDT, total µg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Dieldrin µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Endosulfan sulfate µg/L	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070
Endosulfan, alpha- µg/L	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Endosulfan, beta- µg/L	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070
Endosulfan, total µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Endrin µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Endrin aldehyde µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Heptachlor + Heptachlor epoxide µg/L	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Heptachlor µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Heptachlor epoxide µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorobenzene µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorobutadiene µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, alpha- µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, beta- µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, delta- µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, gamma- µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Hexachlorocyclohexane, total µg/L	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Hexachloroethane µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Methoxychlor µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Mirex µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Nonachlor, trans- µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Oxychlordane µg/L	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Pentachloronitrobenzene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Toxaphene, total µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Organochlorine Pesticides Surrogates						
Decachlorobiphenyl µg/L	0.2	0.20	0.22	0.2	0.2	0.2
Tetrachloro-m-xylene µg/L	0.2	0.22	0.20	0.23	0.2	0.22
Organometallics						
Tetraethyl lead µg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Organometallics Surrogates						
Tetraethyl tin ng/L	420	370	430	390	440	420
Phenolics Surrogates						
Tribromophenol, 2,4,6- µg/L	<1.0	100	<1.0	<1.0	130	<1.0
Phthalate Esters						
bis(2-Ethylhexyl) phthalate [DEHP] µg/L	1.94	3.61	<0.60	4.62	<0.60	2.16
Butyl benzyl phthalate µg/L	<0.96	<0.80	<0.60	<1.06	<0.86	<0.96
Diethyl phthalate µg/L	0.39	0.50	<0.20	1.04	<0.20	0.33
Dimethyl phthalate µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Di-n-butyl phthalate µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Di-n-octyl phthalate [DNOP] µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Polychlorinated Biphenyls						
Aroclor 1016 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Aroclor 1221 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Aroclor 1232 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Aroclor 1242 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Aroclor 1248 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Aroclor 1254 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Aroclor 1260 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Aroclor 1262 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Aroclor 1268 µg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Polychlorinated biphenyls [PCBs], total µg/L	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
Polychlorinated Biphenyls Surrogates						
Decachlorobiphenyl µg/L	0.1	0.1	0.2	0.1	0.2	0.2
Tetrachloro-m-xylene µg/L	0.2	0.2	0.2	0.2	0.2	0.2
Polycyclic Aromatic Hydrocarbons						
Acenaphthene µg/L	0.017	0.047	<0.010	<0.010	<0.010	<0.042
Acenaphthylene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.042
Acridine µg/L	0.015	0.016	0.026	0.016	0.040	<0.070
Anthracene µg/L	<0.020	<0.030	<0.010	0.012	<0.010	<0.058
B(a)P total potency equivalents [B(a)P TPE] µg/L	0.021	0.052	<0.010	0.034	<0.010	0.051
Benz(a)anthracene µg/L	0.017	<0.010	<0.010	<0.010	<0.010	<0.042
Benzo(a)pyrene µg/L	0.0135	0.0317	<0.0050	<0.0050	<0.0050	<0.0421
Benzo(b+j)fluoranthene µg/L	0.023	0.063	<0.010	<0.010	<0.010	<0.042
Benzo(b+j+k)fluoranthene µg/L	0.023	0.083	<0.015	<0.015	<0.015	<0.059
Benzo(e)pyrene µg/L	0.013	0.043	<0.010	<0.010	<0.010	<0.042
Benzo(g,h,i)perylene µg/L	<0.010	0.026	<0.010	0.017	<0.010	<0.042
Benzo(k)fluoranthene µg/L	<0.010	0.020	<0.010	<0.010	<0.010	<0.042
Camphene µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chrysene µg/L	0.020	0.081	<0.010	0.012	<0.010	<0.055
Dibenz(a,h)acridine µg/L	<0.444	<0.500	<0.050	<0.444	<0.050	<0.444
Dibenz(a,h)anthracene µg/L	<0.0050	0.0086	<0.0050	0.0141	<0.0050	<0.0421
Dibenz(a,j)acridine µg/L	<0.444	<0.500	<0.050	<0.444	<0.050	<0.444
Dibenzo(a,e)pyrene µg/L	<0.444	<0.500	<0.050	<0.444	<0.050	<0.444
Dibenzo(a,h)pyrene µg/L	<0.444	<0.500	<0.050	<0.444	<0.050	<0.444
Dibenzo(a,i)pyrene µg/L	<0.444	<0.500	<0.050	<0.444	<0.050	<0.444
Dibenzo(c,g)carbazole, 7H- µg/L	<0.444	<0.500	<0.050	<0.444	<0.050	<0.444
Dibenzofuran µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dimethylnaphthalene, 1,3- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dinitropyrene, 1,3- µg/L	<11.4	<12.9	<1.0	<11.5	<1.0	<11.5
Dinitropyrene, 1,6- µg/L	<11.8	<13.3	<1.0	<12.0	<1.0	<11.8
Dinitropyrene, 1,8- µg/L	<15.3	<24.5	<1.0	<29.9	<1.0	<22.0
Dinitropyrene, total µg/L	<22.4	<30.7	<2.0	<34.2	<2.0	<27.5
Fluoranthene µg/L	0.051	<0.170	<0.010	<0.020	<0.010	<0.071

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Fluorene µg/L	0.029	0.067	<0.010	<0.040	<0.010	<0.042
Indeno(1,2,3-c,d)pyrene µg/L	<0.010	0.017	<0.010	0.156	<0.010	<0.042
Methylcholanthrene, 3- µg/L	<0.444	<0.500	<0.050	<0.444	<0.050	<0.444
Methylnaphthalene, 1- µg/L	0.052	0.099	<0.010	<0.010	<0.010	<0.042
Methylnaphthalene, 1+2- µg/L	0.121	0.239	<0.015	<0.015	<0.015	<0.059
Methylnaphthalene, 2- µg/L	0.069	0.140	<0.010	0.012	<0.010	<0.042
Naphthalene µg/L	0.065	0.129	<0.050	<0.050	<0.050	<0.050
PAHs, high molecular weight (BC AWQ) µg/L	0.176	0.247	<0.030	0.199	<0.030	<0.153
PAHs, low molecular weight (BC AWQ) µg/L	0.168	0.421	<0.060	<0.089	<0.060	<0.134
PAHs, total (CCME sewer 18) µg/L	0.464	0.907	<0.070	0.223	<0.070	<0.212
PAHs, total (EPA 16) µg/L	0.344	0.668	<0.065	0.211	<0.065	<0.203
PAHs, total (P2MMP) µg/L	0.274	0.535	<0.040	0.211	<0.040	<0.192
Perylene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.042
Phenanthrene µg/L	0.057	0.178	<0.020	<0.060	<0.020	<0.082
Pyrene µg/L	0.051	<0.170	<0.010	<0.020	<0.010	<0.054
Quinoline µg/L	<0.100	<0.100	<0.050	<0.100	<0.050	<4.68
Polycyclic Aromatic Hydrocarbons Surrogates						
Chrysene-d12 µg/L	0.9	0.8	1.0	0.8	0.9	0.7
Naphthalene-d8 µg/L	1.0	1.0	0.9	0.9	0.9	0.9
Phenanthrene-d10 µg/L	0.9	1.0	1.0	1.0	1.0	0.9
Terphenyl-d14, p- µg/L	0.5	0.6	0.8	0.4	0.6	0.5
Semi-Volatile Organics						
Biphenyl µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
bis(2-Chloro-1-methylethyl) ether µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
bis(2-Chloroethoxy)methane µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
bis(2-Chloroethyl) ether µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Bromophenylphenyl ether, 4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chloroaniline, 4- µg/L	<0.40	<0.50	<0.40	<0.50	<0.40	<0.50
Chloronaphthalene, 1- µg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chloronaphthalene, 2- µg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophenylphenyl ether, 4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,2- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,3- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,4- µg/L	0.41	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorobenzidine, 3,3'- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dinitrotoluene, 2,4 + 2,6- µg/L	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
Dinitrotoluene, 2,4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dinitrotoluene, 2,6- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Diphenyl ether µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Hexachlorobenzene µg/L	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Hexachlorobutadiene µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Hexachlorocyclopentadiene µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Hexachloroethane µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Indole µg/L	<0.40	7.63	<0.40	9.30	<0.40	<0.40
Isophorone µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Methylenebis(2-chloraniline), 4,4'- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitroacenaphthene, 5- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Nitrobenzene µg/L	<0.020	<0.020	0.023	<0.020	<0.020	<0.020
Nitrosodi-n-propylamine, N- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Nitrosodiphenylamine, N- + Diphenylamine µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Trichlorobenzene, 1,2,3- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Trichlorobenzene, 1,2,4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Semi-Volatile Organics Surrogates						
Fluorobiphenyl, 2- µg/L	119	76.9	71.3	72.8	74.9	63.6
Nitrobenzene-d5 µg/L	140	73.2	81.9	80.7	88.0	73.2
Terphenyl-d14, p- µg/L	<2.2	78.9	74.5	<2.2	81.9	<2.2
Speciated Metals						
Chromium, hexavalent [Cr VI], total mg/L	<0.00050	0.00116	<0.00050	<0.00050	<0.00050	<0.00050
Total Metals						
Arsenic, total mg/L	0.00165	0.00259	0.00046	0.00187	0.00166	0.00268
Cadmium, total mg/L	0.0000969	0.000258	0.0000065	0.0000622	0.0000114	0.000144
Chromium, total mg/L	0.00269	0.00722	<0.00050	0.00139	<0.00050	0.00103
Copper, total mg/L	0.0109	0.0488	0.00392	0.0322	0.00491	0.0483
Lead, total mg/L	0.00374	0.0127	0.000158	0.00177	0.000399	0.00162
Mercury, total mg/L	0.0000183	0.0000129	<0.0000050	0.0000213	<0.0000050	0.0000149
Molybdenum, total mg/L	0.00340	0.00358	0.00709	0.00262	0.00469	0.00289
Nickel, total mg/L	0.00379	0.00675	0.00568	0.00514	0.00289	0.00534
Selenium, total mg/L	0.00108	0.00146	0.00104	0.00202	0.000281	0.00166
Zinc, total mg/L	0.0420	0.105	0.0332	0.0656	0.0039	0.134
Volatile Organic Compounds						
Acetone µg/L	41	63	<20	<20	<20	34
Benzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
BTEX, total µg/L	<1.0	2.4	<1.0	1.6	<1.0	1.9
Carbon disulfide µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

2024 Schedule A and B Monitoring Report

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Chloroform µg/L	1.69	2.05	0.98	3.46	<0.50	1.77
Chloromethane µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dibromochloromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromoethane, 1,2- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorobenzene, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorobenzene, 1,3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorobenzene, 1,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorodifluoromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethane, 1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethane, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, 1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, cis+trans-1,2- µg/L	<0.71	1.17	<0.71	<0.71	<0.71	<0.71
Dichloroethylene, cis-1,2- µg/L	<0.50	1.17	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, trans-1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloromethane µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichloropropane, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloropropylene, cis+trans-1,3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloropropylene, cis-1,3- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Dichloropropylene, trans-1,3- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Ethylbenzene µg/L	<0.50	0.54	<0.50	<0.50	<0.50	<0.50
Hexane, n- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexanone, 2- µg/L	<20	<20	<20	<20	<20	<20
Methyl ethyl ketone [MEK] µg/L	<20	<20	<20	<20	<20	<20
Methyl isobutyl ketone [MIBK] µg/L	<20	<20	<20	<20	<20	<20
Methyl-tert-butyl ether [MTBE] µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Styrene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethane, 1,1,1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethane, 1,1,2,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene µg/L	0.76	1.88	<0.50	1.65	<0.50	1.93
Trichloroethane, 1,1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethane, 1,1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorofluoromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trihalomethanes [THMs], total µg/L	1.7	2.0	<1.0	3.5	<1.0	1.8
Vinyl chloride µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Xylene, m+p- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Xylene, o- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Xylenes, total µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Volatile Organic Compounds Surrogates						

Water and Waste Eaux et déchets	2024 Schedule A and B Monitoring Report					
Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024	17-05-2024
ID	WP2412195-001; WP2411300-001; L2755812-1	WP2412195-002; L2755812-2	WP2412195-003; WP2411300-002; L2755812-3	WP2412195-004; L2755812-4	WP2412195-005; WP2411300-003; L2755812-5	WP2412195-006; L2755812-6
Analyte	**Sample Results**					
Bromofluorobenzene, 4- µg/L	8.2	8.2	8.2	8.1	8.3	8.0
Difluorobenzene, 1,4- µg/L	9.5	9.9	9.9	9.9	10.1	8.7

N/A - not analyzed

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Aggregate Organics						
Oil & grease (gravimetric) mg/L	<5.0	13.2	<5.0	28.9	<5.0	11.0
Phenols, total (4AAP) mg/L	0.0011	0.0326	<0.0010	0.0537	<0.0010	0.0152
Anions and Nutrients						
Ammonia, total (as N) mg/L	7.91		0.088		0.088	
Ammonia, un-ionized (as N), field mg/L	0.005		0.001		0.023	
Nitrate (as N) mg/L	4.14		4.76		<0.100	
Bioassays						
Trout bioassay (pass/fail)	Fail		Pass		Pass	
Trout bioassay (pass/fail), pH stabilized	Pass		Pass		Pass (Test result invalid due to a pH shift >0.3 units)	
Chlorinated Hydrocarbons						
Octachlorostyrene µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chlorinated Hydrocarbons Surrogates						
Decachlorobiphenyl µg/L	0.1	0.1	0.1	2.2	0.2	0.2
Tetrachloro-m-xylene µg/L	0.2	0.2	0.2	1.8	0.2	0.2
Chlorinated Phenolics						
Chlorophenol, 2- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Chlorophenol, 3+4- µg/L	<0.20	<1.00	<0.20	<1.00	<0.20	<1.00
Dichlorophenol, 2,3- µg/L	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50
Dichlorophenol, 2,4- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorophenol, 2,5- µg/L	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50
Dichlorophenol, 2,6- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorophenol, 3,4- µg/L	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50
Dichlorophenol, 3,5- µg/L	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50
Methylphenol, 4-chloro-3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Pentachlorophenol [PCP] µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachlorophenol, 2,3,4,5- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachlorophenol, 2,3,4,6- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachlorophenol, 2,3,5,6- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,3,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,3,5- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorophenol, 2,3,6- µg/L	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50
Trichlorophenol, 2,4,5- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorophenol, 2,4,6- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorophenol, 3,4,5- µg/L	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50
Dioxins and Furans HR 1613B						
2,3,7,8-TCDD - pg/L	<0.20	<0.20	<0.24	<0.23	<0.17	<0.25
1,2,3,7,8-PeCDD - pg/L	<0.27	0.32	<0.19	<0.30	0.28	<0.27
1,2,3,4,7,8-HxCDD - pg/L	0.2	<0.26	<0.16	<0.28	<0.19	<0.22

2024 Schedule A and B Monitoring Report

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
1,2,3,6,7,8-HxCDD - pg/L	0.46	0.54	<0.15	0.29	0.29	0.27
1,2,3,7,8,9-HxCDD - pg/L	0.21	0.41	<0.15	0.3	<0.18	0.29
1,2,3,4,6,7,8-HpCDD - pg/L	1.95	9.75	0.78	5.35	1.64	1.8
OCDD - pg/L	9.69	74.1	6.89	31.4	7.5	18.4
2,3,7,8-TCDF - pg/L	<0.34	0.4	<0.33	<0.33	<0.28	<0.26
1,2,3,7,8-PeCDF - pg/L	0.29	0.68	0.39	0.42	0.37	0.47
2,3,4,7,8-PeCDF - pg/L	<0.22	0.52	<0.18	<0.24	<0.14	<0.18
1,2,3,4,7,8-HxCDF - pg/L	0.2	0.77	<0.14	0.24	<0.14	<0.18
1,2,3,6,7,8-HxCDF - pg/L	0.22	0.57	<0.14	<0.20	<0.14	<0.18
2,3,4,6,7,8-HxCDF - pg/L	0.29	0.42	<0.14	<0.20	0.16	<0.18
1,2,3,7,8,9-HxCDF - pg/L	0.31	<0.29	<0.17	0.32	<0.18	<0.21
1,2,3,4,6,7,8-HpCDF - pg/L	1.4	2.8	0.38	1.09	1.9	0.61
1,2,3,4,7,8,9-HpCDF - pg/L	<0.36	0.57	<0.25	<0.30	<0.23	<0.32
OCDF - pg/L	3.55	7.37	1.48	2.5	2.2	2.4
Total-TCDD - pg/L	<0.20	<0.20	<0.24	<0.23	0.26	<0.25
Total TCDD # Homologues	0	0	0	0	1	0
Total-PeCDD - pg/L	<0.27	1.25	<0.19	<0.30	0.28	<0.27
Total PeCDD # Homologues	0	2	0	0	1	0
Total-HxCDD - pg/L	1.77	0.54	<0.16	0.39	<0.20	0.76
Total HxCDD # Homologues	2	1	0	1	0	3
Total-HpCDD - pg/L	3.81	21.5	0.78	10	2.89	1.83
Total HpCDD # Homologues	2	2	1	2	2	1
Total-TCDF - pg/L	<0.34	0.4	<0.33	<0.33	<0.28	0.33
Total TCDF # Homologues	0	1	0	0	0	1
Total-PeCDF - pg/L	0.4	0.98	<0.21	<0.29	<0.18	0.22
Total PeCDF # Homologues	1	1	0	0	0	1
Total-HxCDF - pg/L	0.29	1.34	<0.17	<0.25	<0.18	<0.21
Total HxCDF # Homologues	1	2	0	0	0	0
Total-HpCDF - pg/L	<0.36	<0.31	0.38	1.09	4.7	0.61
Total HpCDF # Homologues	0	0	1	1	2	1
Surrogate: 13C12-2,3,7,8-TCDD (%)	69	74	80	65	78	69
Surrogate: 13C12-1,2,3,7,8-PeCDD (%)	61	59	71	59	72	61
Surrogate: 13C12-1,2,3,4,7,8-HxCDD (%)	71	71	81	68	81	73
Surrogate: 13C12-1,2,3,6,7,8-HxCDD (%)	69	70	82	68	80	72
Surrogate: 13C12-1,2,3,4,6,7,8-HpCDD (%)	69	57	80	62	79	65
Surrogate: 13C12-OCDD (%)	53	40	63	46	60	43
Surrogate: 13C12-2,3,7,8-TCDF (%)	65	68	76	61	76	65
Surrogate: 13C12-1,2,3,7,8-PeCDF (%)	55	54	65	53	65	58
Surrogate: 13C12-2,3,4,7,8-PeCDF (%)	59	57	71	57	72	61

2024 Schedule A and B Monitoring Report

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Surrogate: 13C12-1,2,3,4,7,8-HxCDF (%)	67	68	79	65	78	71
Surrogate: 13C12-1,2,3,6,7,8-HxCDF (%)	67	69	79	64	78	70
Surrogate: 13C12-2,3,4,6,7,8-HxCDF (%)	68	66	80	65	79	70
Surrogate: 13C12-1,2,3,7,8,9-HxCDF (%)	66	65	79	63	78	69
Surrogate: 13C12-1,2,3,4,6,7,8-HpCDF (%)	62	54	73	57	73	61
Surrogate: 13C12-1,2,3,4,7,8,9-HpCDF (%)	59	51	69	54	69	58
Surrogate: 37Cl4-2,3,7,8-TCDD (Cleanup) (%)	72	79	85	80	85	79
Lower Bound PCDD/F TEQ (WHO 2005) - pg/L	0.0528	0.349	0.0142	0.0981	0.316	0.0677
Mid Point PCDD/F TEQ (WHO 2005) - pg/L	0.522	1.09	0.338	0.555	0.535	0.451
Upper Bound PCDD/F TEQ (WHO 2005) - pg/L	0.809	1.22	0.65	0.908	0.698	0.801
Field Tests						
pH, field pH units	6.4		7.4		9.1	
Temperature, field °C	15		15		16	
Herbicides						
Acetic acid, 2-methyl-4-chlorophenoxy- [MCPA] µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Asulam µg/L	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Brodifacoum µg/L	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Bromacil µg/L	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Bromoxynil µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB] µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Clopyralid µg/L	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Dicamba µg/L	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Dichlorophenoxy(2,4-)butyric acid, 4- [2,4-DB] µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Dichlorophenoxyacetic acid, 2,4- [2,4-D] µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Dichlorprop [2,4-DP] µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Diflufenican µg/L	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Dinoseb µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Linuron µg/L	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Mecoprop [MCPP] µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Nicarbazin µg/L	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Oryzalin µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Picloram µg/L	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Propanil µg/L	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Terbacil µg/L	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T] µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Trichlorophenoxypropionic acid, 2,4,5- [2,4,5-TP] µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Triclopyr µg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Herbicides Surrogates						
Dichlorophenylacetic acid, 2,4- µg/L	10.6	10.0	8.2	10.8	10.3	9.8

Water and Waste Eaux et déchets	2024 Schedule A and B Monitoring Report					
Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Inorganics						
Chlorine, total mg/L	N/A		N/A		N/A	

2024 Schedule A and B Monitoring Report

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Metals						
Tributyltin µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Non-Chlorinated Phenolics						
Dimethylphenol, 2,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dinitrophenol, 2,4- µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylphenol, 2- µg/L	<0.50	<2.05	<0.50	<2.00	<0.50	<1.25
Methylphenol, 3+4- µg/L	<0.50	77.9	<0.50	128	<0.50	43.6
Methylphenols, total µg/L	<0.75	77.9	<0.75	128	<0.75	43.6
Nitrophenol, 2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitrophenol, 4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Phenol µg/L	<0.50	28.8	<0.50	108	0.88	38.3
Phenol, 2-methyl-4,6-dinitro- [DNOC] µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Nonylphenols						
Bisphenol A [BPA] µg/L	<0.24	1.31	<0.20	<0.20	<0.20	<0.20
Nonylphenol [NP] µg/L	<0.40	2.93	<0.40	8.02	<0.40	1.22
Nonylphenol diethoxylate [NP2EO] µg/L	<0.15	0.65	<0.10	4.35	<0.10	<0.18
Nonylphenol ethoxylates, mono+di µg/L	<2.0	11.8	<2.0	54.8	<2.0	<2.0
Nonylphenol monoethoxylate [NP1EO] µg/L	<0.40	11.1	<0.40	50.5	<0.40	1.15
Octylphenol [OP] µg/L	NR	<0.40	<0.40	<0.40	<0.40	<0.40
Octylphenol diethoxylate [OP2EO] µg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Octylphenol ethoxylates, mono+di µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Octylphenol monoethoxylate [OP1EO] µg/L	<0.40	<0.40	<0.40	1.09	<0.40	<0.41
Organochlorine Pesticides						
Aldrin + Dieldrin µg/L	<0.011	<0.011	<0.011	<0.056	<0.011	<0.011
Aldrin µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Chlordane, cis- (alpha) µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Chlordane, total µg/L	<0.011	<0.011	<0.011	<0.056	<0.011	<0.011
Chlordane, trans- (gamma) µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
DDD, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0400	<0.0040	<0.0040
DDD, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0400	<0.0040	<0.0040
DDD, total µg/L	<0.0060	<0.0060	<0.0060	<0.0566	<0.0060	<0.0060
DDE, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0400	<0.0040	<0.0040
DDE, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0400	<0.0040	<0.0040
DDE, total µg/L	<0.0060	<0.0060	<0.0060	<0.0566	<0.0060	<0.0060
DDT + metabolites, total µg/L	<0.010	<0.010	<0.010	<0.098	<0.010	<0.010
DDT, 2,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0400	<0.0040	<0.0040
DDT, 4,4'- µg/L	<0.0040	<0.0040	<0.0040	<0.0400	<0.0040	<0.0040
DDT, total µg/L	<0.0060	<0.0060	<0.0060	<0.0566	<0.0060	<0.0060
Dieldrin µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Endosulfan sulfate µg/L	<0.0070	<0.0070	<0.0070	<0.0400	<0.0070	<0.0070
Endosulfan, alpha- µg/L	<0.0070	<0.0070	<0.0070	<0.0400	<0.0070	<0.0070
Endosulfan, beta- µg/L	<0.0070	<0.0070	<0.0070	<0.0400	<0.0070	<0.0070
Endosulfan, total µg/L	<0.010	<0.010	<0.010	<0.056	<0.010	<0.010
Endrin µg/L	<0.010	<0.010	<0.010	<0.040	<0.010	<0.010
Endrin aldehyde µg/L	<0.010	<0.010	<0.010	<0.040	<0.010	<0.010
Heptachlor + Heptachlor epoxide µg/L	<0.011	<0.011	<0.011	<0.056	<0.011	<0.011
Heptachlor µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Heptachlor epoxide µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Hexachlorobenzene µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Hexachlorobutadiene µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Hexachlorocyclohexane, alpha- µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Hexachlorocyclohexane, beta- µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Hexachlorocyclohexane, delta- µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Hexachlorocyclohexane, gamma- µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Hexachlorocyclohexane, total µg/L	<0.016	<0.016	<0.016	<0.080	<0.016	<0.016
Hexachloroethane µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Methoxychlor µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Mirex µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Nonachlor, trans- µg/L	<0.010	<0.010	<0.010	<0.040	<0.010	<0.010
Oxychlordane µg/L	<0.0080	<0.0080	<0.0080	<0.0400	<0.0080	<0.0080
Pentachloronitrobenzene µg/L	<0.010	<0.010	<0.010	<0.040	<0.010	<0.010
Toxaphene, total µg/L	<0.50	<0.50	<0.50	<4.00	<0.50	<0.50
Organochlorine Pesticides Surrogates						
Decachlorobiphenyl µg/L	0.26	0.2	0.2	<0.2	0.2	0.13
Tetrachloro-m-xylene µg/L	0.19	0.20	0.18	<0.2	0.17	0.3
Organometallics						
Tetraethyl lead µg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Organometallics Surrogates						
Tetraethyl tin ng/L	400	300	440	310	470	360
Phenolics Surrogates						
Tribromophenol, 2,4,6- µg/L	82.1	78.7	1.3	64.1	1.3	99.2
Phthalate Esters						
bis(2-Ethylhexyl) phthalate [DEHP] µg/L	<0.60	2.41	<0.60	4.16	<0.60	1.55
Butyl benzyl phthalate µg/L	<0.20	<0.22	<0.20	<0.44	<0.20	4.29
Diethyl phthalate µg/L	<0.20	0.63	<0.20	2.27	<0.20	1.31
Dimethyl phthalate µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Di-n-butyl phthalate µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Di-n-octyl phthalate [DNOP] µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Polychlorinated Biphenyls						
Aroclor 1016 µg/L	<0.020	<0.020	<0.020	<0.200	<0.020	<0.020
Aroclor 1221 µg/L	<0.020	<0.020	<0.020	<0.200	<0.020	<0.020
Aroclor 1232 µg/L	<0.020	<0.020	<0.020	<0.200	<0.020	<0.020
Aroclor 1242 µg/L	<0.020	<0.052	<0.020	<0.200	<0.020	<0.020
Aroclor 1248 µg/L	<0.020	<0.020	<0.020	<0.200	<0.020	<0.020
Aroclor 1254 µg/L	<0.020	0.037	<0.020	<0.200	<0.020	<0.020
Aroclor 1260 µg/L	<0.020	0.022	<0.020	<0.200	<0.020	<0.020
Aroclor 1262 µg/L	<0.020	<0.020	<0.020	<0.200	<0.020	<0.020
Aroclor 1268 µg/L	<0.020	<0.020	<0.020	<0.200	<0.020	<0.020
Polychlorinated biphenyls [PCBs], total µg/L	<0.060	<0.077	<0.060	<0.600	<0.060	<0.060
Polychlorinated Biphenyls Surrogates						
Decachlorobiphenyl µg/L	0.2	0.1	0.2	<0.2	0.2	0.1
Tetrachloro-m-xylene µg/L	0.2	0.2	0.2	<0.2	0.2	0.2
Polycyclic Aromatic Hydrocarbons						
Acenaphthene µg/L	<0.010	0.020	<0.010	<0.010	<0.010	<0.010
Acenaphthylene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acridine µg/L	<0.025	<0.037	0.037	<0.042	<0.027	<0.023
Anthracene µg/L	<0.010	<0.025	<0.010	<0.190	<0.010	<0.038
B(a)P total potency equivalents [B(a)P TPE] µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benz(a)anthracene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene µg/L	<0.0050	<0.0070	<0.0050	<0.0060	<0.0050	<0.0050
Benzo(b+j)fluoranthene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b+j+k)fluoranthene µg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Benzo(e)pyrene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(g,h,i)perylene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Camphene µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chrysene µg/L	<0.010	<0.025	<0.010	<0.014	<0.010	<0.010
Dibenz(a,h)acridine µg/L	<0.050	<0.050	<0.050	<0.400	<0.050	<0.400
Dibenz(a,h)anthracene µg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Dibenz(a,j)acridine µg/L	<0.050	<0.050	<0.050	<0.400	<0.050	<0.400
Dibenzo(a,e)pyrene µg/L	<0.050	<0.050	<0.050	<0.400	<0.050	<0.400
Dibenzo(a,h)pyrene µg/L	<0.050	<0.050	<0.050	<0.400	<0.050	<0.400
Dibenzo(a,i)pyrene µg/L	<0.050	<0.050	<0.050	<0.400	<0.050	<0.400
Dibenzo(c,g)carbazole, 7H- µg/L	<0.050	<0.050	<0.050	<0.400	<0.050	<0.400
Dibenzofuran µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dimethylnaphthalene, 1,3- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dinitropyrene, 1,3- µg/L	<1.0	<1.0	<1.0	<4.0	<1.0	<4.0

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Dinitropyrene, 1,6- µg/L	<1.0	<1.0	<1.0	<4.0	<1.0	<4.0
Dinitropyrene, 1,8- µg/L	<1.0	<7.2	<1.0	<4.0	<1.0	<8.0
Dinitropyrene, total µg/L	<2.0	<7.3	<2.0	<6.9	<2.0	<9.8
Fluoranthene µg/L	<0.010	<0.029	<0.010	<0.010	<0.010	<0.010
Fluorene µg/L	<0.010	<0.043	<0.010	<0.057	<0.010	<0.031
Indeno(1,2,3-c,d)pyrene µg/L	<0.010	<0.010	<0.010	<0.034	<0.010	0.012
Methylcholanthrene, 3- µg/L	<0.050	<0.050	<0.050	<0.400	<0.050	<0.400
Methylnaphthalene, 1- µg/L	<0.010	0.071	<0.010	0.019	<0.010	0.010
Methylnaphthalene, 1+2- µg/L	<0.015	0.166	<0.015	0.043	<0.015	0.022
Methylnaphthalene, 2- µg/L	<0.010	0.095	<0.010	0.024	<0.010	0.012
Naphthalene µg/L	<0.050	0.093	<0.050	<0.050	<0.050	<0.050
PAHs, high molecular weight (BC AWQ) µg/L	<0.030	<0.056	<0.030	<0.046	<0.030	<0.033
PAHs, low molecular weight (BC AWQ) µg/L	<0.060	0.165	<0.060	<0.207	<0.060	<0.074
PAHs, total (CCME sewer 18) µg/L	<0.070	0.331	<0.070	<0.213	<0.070	<0.082
PAHs, total (EPA 16) µg/L	<0.065	0.165	<0.065	<0.212	<0.065	<0.081
PAHs, total (P2MMP) µg/L	<0.040	<0.078	<0.040	<0.206	<0.040	<0.063
Perylene µg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenanthrene µg/L	<0.020	0.052	<0.020	<0.030	<0.020	<0.020
Pyrene µg/L	<0.010	<0.033	<0.010	<0.015	<0.010	<0.019
Quinoline µg/L	<0.050	<0.125	<0.050	<0.055	<0.050	<0.050
Polycyclic Aromatic Hydrocarbons Surrogates						
Chrysene-d12 µg/L	1.1	1.3	1.1	1.4	1.1	1.1
Naphthalene-d8 µg/L	0.7	0.9	0.7	0.9	0.7	0.9
Phenanthrene-d10 µg/L	0.8	0.8	1.0	0.9	1.0	0.9
Terphenyl-d14, p- µg/L	0.8	0.5	0.8	5.8	0.8	5.8
Semi-Volatile Organics						
Biphenyl µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
bis(2-Chloro-1-methylethyl) ether µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
bis(2-Chloroethoxy)methane µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
bis(2-Chloroethyl) ether µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Bromophenylphenyl ether, 4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chloroaniline, 4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chloronaphthalene, 1- µg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chloronaphthalene, 2- µg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophenylphenyl ether, 4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,2- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,3- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorobenzene, 1,4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorobenzidine, 3,3'- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Dinitrotoluene, 2,4 + 2,6- µg/L	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
Dinitrotoluene, 2,4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dinitrotoluene, 2,6- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Diphenyl ether µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Hexachlorobenzene µg/L	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Hexachlorobutadiene µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Hexachlorocyclopentadiene µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Hexachloroethane µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Indole µg/L	<0.40	1.33	<0.40	1.91	1.30	5.57
Isophorone µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Methylenebis(2-chloraniline), 4,4'- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitroacenaphthene, 5- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Nitrobenzene µg/L	<0.066	<0.020	<0.026	<0.020	<0.020	<0.020
Nitrosodi-n-propylamine, N- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Nitrosodiphenylamine, N- + Diphenylamine µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Trichlorobenzene, 1,2,3- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Trichlorobenzene, 1,2,4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Semi-Volatile Organics Surrogates						
Fluorobiphenyl, 2- µg/L	70.7	65.1	60.7	73.4	63.6	64.4
Nitrobenzene-d5 µg/L	68.9	66.0	69.9	79.8	70.0	70.5
Terphenyl-d14, p- µg/L	<1.0	<1.0	68.0	5.8	66.8	5.8
Speciated Metals						
Chromium, hexavalent [Cr VI], total mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Total Metals						
Arsenic, total mg/L	0.00098	0.00099	0.00054	0.00219	0.00157	0.00132
Cadmium, total mg/L	0.0000098	0.0000578	0.0000052	0.0000960	0.0000076	0.0000410
Chromium, total mg/L	0.00085	0.00140	<0.00050	0.00480	<0.00050	0.00066
Copper, total mg/L	0.00240	0.0248	0.00335	0.0205	0.00165	0.0315
Lead, total mg/L	0.000383	0.00106	0.000132	0.00280	0.000111	0.000679
Mercury, total mg/L	<0.0000050	0.0000152	<0.0000050	0.0000281	<0.0000050	<0.0000050
Molybdenum, total mg/L	0.00382	0.00230	0.00290	0.00299	0.00307	0.00632
Nickel, total mg/L	0.00405	0.00748	0.00504	0.0157	0.00283	0.00544
Selenium, total mg/L	0.000374	0.000722	0.000281	0.000696	0.000324	0.000644
Zinc, total mg/L	0.0201	0.0698	0.0188	0.0620	<0.0030	0.0788
Volatile Organic Compounds						
Acetone µg/L	<20	79	<20	85	<20	70
Benzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Bromomethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
BTEX, total µg/L	<1.0	3.5	<1.0	1.7	<1.0	<1.0
Carbon disulfide µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroform µg/L	1.73	2.94	<0.50	4.11	<0.50	3.24
Chloromethane µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dibromochloromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromoethane, 1,2- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorobenzene, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorobenzene, 1,3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorobenzene, 1,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorodifluoromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethane, 1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethane, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, 1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, cis+trans-1,2- µg/L	<0.71	1.05	<0.71	<0.71	<0.71	<0.71
Dichloroethylene, cis-1,2- µg/L	<0.50	1.05	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, trans-1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloromethane µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichloropropane, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloropropylene, cis+trans-1,3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloropropylene, cis-1,3- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Dichloropropylene, trans-1,3- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Ethylbenzene µg/L	<0.50	1.11	<0.50	<0.50	<0.50	<0.50
Hexane, n- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexanone, 2- µg/L	<20	<20	<20	<20	<20	<20
Methyl ethyl ketone [MEK] µg/L	<20	32	<20	<20	<20	<20
Methyl isobutyl ketone [MIBK] µg/L	<20	<20	<20	<20	<20	<20
Methyl-tert-butyl ether [MTBE] µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Styrene µg/L	<0.50	1.19	<0.50	1.14	<0.50	<0.50
Tetrachloroethane, 1,1,1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethane, 1,1,2,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene µg/L	<0.50	2.39	<0.50	1.67	<0.50	0.99
Trichloroethane, 1,1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethane, 1,1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024	16-08-2024
ID	WP2419869-001; WP2419876-001; WP2420175-001; L2757124-1	WP2419869-002; L2757124-2	WP2419869-003; WP2419876-002; WP2420175-002; L2757124-3	WP2419869-004; L2757124-4	WP2419869-005; WP2419876-003; WP2420175-003; L2757124-5	WP2419869-006; L2757124-6
Analyte	**Sample Results**					
Trichlorofluoromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trihalomethanes [THMs], total µg/L	1.7	2.9	<1.0	4.1	<1.0	3.2
Vinyl chloride µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Xylene, m+p- µg/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Xylene, o- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Xylenes, total µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Volatile Organic Compounds Surrogates						
Bromofluorobenzene, 4- µg/L	7.9	7.9	7.9	7.9	8.0	7.9
Difluorobenzene, 1,4- µg/L	8.9	8.8	9.0	8.9	8.9	9.1

N/A - not analyzed

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
Aggregate Organics						
Oil & grease (gravimetric) mg/L	<5.0	40.4	<5.0	46.6	<5.0	31.5
Phenols, total (4AAP) mg/L	0.0016	0.104	<0.0010	0.109	<0.0010	0.0848
Anions and Nutrients						
Ammonia, total (as N) mg/L	31.9		2.46		0.508	
Ammonia, un-ionized (as N), field mg/L	0.098		0.017		0.027	
Nitrate (as N) mg/L	4.80		6.81		0.507	
Bioassays						
Trout bioassay (pass/fail)	Fail		Pass		Pass	
Trout bioassay (pass/fail), pH stabilized	Pass (Test result invalid due to a pH shift >0.3 units)		Pass		Pass	
Chlorinated Hydrocarbons						
Octachlorostyrene µg/L	<0.050	<0.050	<0.050	<0.080	<0.080	<0.050
Chlorinated Hydrocarbons Surrogates						
Decachlorobiphenyl µg/L	0.2	0.2	0.2	NR	NR	0.3
Tetrachloro-m-xylene µg/L	0.2	0.2	0.2	NR	NR	0.2
Chlorinated Phenolics						
Chlorophenol, 2- µg/L	<0.30	<0.30	<0.30	<0.30	<1.50	<0.30
Chlorophenol, 3+4- µg/L	<0.20	<1.00	<0.20	<1.00	<0.89	<1.00
Dichlorophenol, 2,3- µg/L	<0.20	<0.50	<0.20	<0.50	<0.44	<0.50
Dichlorophenol, 2,4- µg/L	<0.20	<0.20	<0.20	<0.20	<0.53	<0.20
Dichlorophenol, 2,5- µg/L	<0.20	<0.50	<0.20	<0.50	<0.44	<0.50
Dichlorophenol, 2,6- µg/L	<0.20	<0.20	<0.20	<0.20	<0.53	<0.20
Dichlorophenol, 3,4- µg/L	<0.20	<0.50	<0.20	<0.50	<0.44	<0.50
Dichlorophenol, 3,5- µg/L	<0.20	<0.50	<0.20	<0.50	<0.44	<0.50
Methylphenol, 4-chloro-3- µg/L	<0.50	<0.50	<0.50	<0.50	<2.10	<0.50
Pentachlorophenol [PCP] µg/L	<0.50	<1.00	<0.50	<0.50	<2.50	<0.50
Tetrachlorophenol, 2,3,4,5- µg/L	<0.50	<0.50	<0.50	<0.50	<2.10	<0.50
Tetrachlorophenol, 2,3,4,6- µg/L	<0.50	<0.50	<0.50	<0.50	<2.10	<0.50
Tetrachlorophenol, 2,3,5,6- µg/L	<0.50	<0.50	<0.50	<0.50	<2.10	<0.50
Trichlorophenol, 2,3,4- µg/L	<0.50	<0.50	<0.50	<0.50	<2.10	<0.50
Trichlorophenol, 2,3,5- µg/L	<0.50	<0.50	<0.50	<0.50	<2.10	<0.50
Trichlorophenol, 2,3,6- µg/L	<0.20	<0.50	<0.20	<0.50	<0.44	<0.50
Trichlorophenol, 2,4,5- µg/L	<0.20	<0.20	<0.20	<0.20	<0.53	<0.20
Trichlorophenol, 2,4,6- µg/L	<0.20	<0.20	<0.20	<0.20	<0.53	<0.20
Trichlorophenol, 3,4,5- µg/L	<0.20	<0.50	<0.20	<0.50	<0.44	<0.50
Dioxins and Furans HR 1613B						
2,3,7,8-TCDD - pg/L	<1.5	<2.1	<1.4	<1.9	<0.37	<0.33
1,2,3,7,8-PeCDD - pg/L	<1.3	<1.9	<1.3	<1.3	<0.51	<0.33
1,2,3,4,7,8-HxCDD - pg/L	<1.7	<1.4	<1.9	<1.1	<0.21	<0.45
1,2,3,6,7,8-HxCDD - pg/L	<1.6	<1.4	<1.9	<1.1	<0.21	<0.43
1,2,3,7,8,9-HxCDD - pg/L	<1.6	<1.4	<1.8	<1.1	0.37	<0.42

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
1,2,3,4,6,7,8-HpCDD - pg/L	<2.6	22.7	<2.6	5.8	2.00	1.70
OCDD - pg/L	9.3	177	9.1	53.3	12.7	15.1
2,3,7,8-TCDF - pg/L	<1.5	<1.9	<2.5	<1.7	<0.27	0.56
1,2,3,7,8-PeCDF - pg/L	<1.0	1.2	<1.5	<1.4	<0.29	0.48
2,3,4,7,8-PeCDF - pg/L	<0.79	<1.0	<1.3	<1.1	<0.26	0.30
1,2,3,4,7,8-HxCDF - pg/L	<0.87	1.9	<0.69	<0.70	0.30	<0.18
1,2,3,6,7,8-HxCDF - pg/L	<0.83	1.6	<0.63	<0.63	0.25	<0.17
2,3,4,6,7,8-HxCDF - pg/L	<0.82	<1.4	<0.64	<1.0	<0.16	<0.18
1,2,3,7,8,9-HxCDF - pg/L	<1.2	<1.6	<0.87	<1.5	0.23	0.23
1,2,3,4,6,7,8-HpCDF - pg/L	<1.4	6.1	<0.80	1.8	0.53	0.38
1,2,3,4,7,8,9-HpCDF - pg/L	<2.2	<4.0	<1.2	<3.1	<0.30	0.40
OCDF - pg/L	<3.2	10.8	<3.0	<5.2	0.71	0.91
Total-TCDD - pg/L	<1.5	<2.1	<1.4	<1.9	<0.37	<0.33
Total TCDD # Homologues	0	0	0	0	0	0
Total-PeCDD - pg/L	<1.3	<1.9	<1.3	<1.3	<0.51	<0.33
Total PeCDD # Homologues	0	0	0	0	0	0
Total-HxCDD - pg/L	<1.7	6.8	<1.9	<1.1	0.37	<0.45
Total HxCDD # Homologues	0	2	0	0	1	0
Total-HpCDD - pg/L	<2.6	45.0	<2.6	5.8	2.21	<0.58
Total HpCDD # Homologues	0	2	0	1	1	0
Total-TCDF - pg/L	<1.5	<1.9	<2.5	<1.7	<0.27	0.56
Total TCDF # Homologues	0	0	0	0	0	1
Total-PeCDF - pg/L	<1.0	<1.2	<1.5	<1.4	0.50	<0.26
Total PeCDF # Homologues	0	0	0	0	1	0
Total-HxCDF - pg/L	<1.2	1.6	<0.87	3.2	0.54	0.45
Total HxCDF # Homologues	0	1	0	1	2	2
Total-HpCDF - pg/L	<2.2	<4.0	<1.2	<3.1	0.53	0.71
Total HpCDF # Homologues	0	0	0	0	1	2
Surrogate: 13C12-2,3,7,8-TCDD (%)	68.0	68.0	76.0	67.0	56.0	72.0
Surrogate: 13C12-1,2,3,7,8-PeCDD (%)	93.0	84.0	89.0	126.0	76.0	93.0
Surrogate: 13C12-1,2,3,4,7,8-HxCDD (%)	79.0	68.0	83.0	74.0	60.0	72.0
Surrogate: 13C12-1,2,3,6,7,8-HxCDD (%)	82.0	75.0	86.0	91.0	61.0	74.0
Surrogate: 13C12-1,2,3,4,6,7,8-HpCDD (%)	75.0	65.0	77.0	41.0	58.0	73.0
Surrogate: 13C12-OCDD (%)	60.0	48.0	64.0	23.0	42.0	57.0
Surrogate: 13C12-2,3,7,8-TCDF (%)	72.0	69.0	80.0	72.0	55.0	68.0
Surrogate: 13C12-1,2,3,7,8-PeCDF (%)	81.0	78.0	82.0	100.0	69.0	87.0
Surrogate: 13C12-2,3,4,7,8-PeCDF (%)	92.0	85.0	88.0	125.0	72.0	81.0
Surrogate: 13C12-1,2,3,4,7,8-HxCDF (%)	78.0	74.0	82.0	110.0	56.0	71.0
Surrogate: 13C12-1,2,3,6,7,8-HxCDF (%)	89.0	83.0	91.0	139.0	62.0	72.0
Surrogate: 13C12-2,3,4,6,7,8-HxCDF (%)	89.0	76.0	91.0	86.0	58.0	71.0
Surrogate: 13C12-1,2,3,7,8,9-HxCDF (%)	83.0	84.0	89.0	75.0	59.0	71.0

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
Surrogate: 13C12-1,2,3,4,6,7,8-HpCDF (%)	78.0	74.0	82.0	56.0	57.0	68.0
Surrogate: 13C12-1,2,3,4,7,8,9-HpCDF (%)	71.0	62.0	76.0	36.0	57.0	72.0
Surrogate: 37Cl4-2,3,7,8-TCDD (Cleanup) (%)	71.0	66.0	71.0	81.0	63.0	74.0
Lower Bound PCDD/F TEQ (WHO 2005) - pg/L	0.00	0.445	0.00274	0.0737	0.101	0.0873
Mid Point PCDD/F TEQ (WHO 2005) - pg/L	2.07	3.36	2.14	2.34	0.671	0.634
Upper Bound PCDD/F TEQ (WHO 2005) - pg/L	4.14	5.98	4.28	4.58	1.20	1.06
Field Tests						
pH, field pH units	7.08		7.41		8.34	
Temperature, field °C	14.2		14.7		14.3	
Herbicides						
Acetic acid, 2-methyl-4-chlorophenoxy- [MCPA] µg/L	0.299	<0.250	<0.250	<0.250	<0.250	<0.250
Asulam µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Brodifacoum µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Bromacil µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoxynil µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Clopyralid µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dicamba µg/L	3.06	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorophenoxy(2,4-)butyric acid, 4- [2,4-DB] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Dichlorophenoxyacetic acid, 2,4- [2,4-D] µg/L	0.544	<0.250	<0.250	<0.250	<0.250	<0.250
Dichlorprop [2,4-DP] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Diflufenican µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dinoseb µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Linuron µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Mecoprop [MCPP] µg/L	<0.250	1.47	<0.250	<0.250	<0.250	<0.250
Nicarbazin µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Oryzalin µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Picloram µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Propanil µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Terbacil µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Trichlorophenoxypropionic acid, 2,4,5- [2,4,5-TP] µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Triclopyr µg/L	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
Herbicides Surrogates						
Dichlorophenylacetic acid, 2,4- µg/L	11.1	9.6	10.8	10.3	11.4	10.0
Inorganics						
Chlorine, total mg/L	<0.020		0.032		0.023	
Metals						
Tributyltin µg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Non-Chlorinated Phenolics						
Dimethylphenol, 2,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.53	<0.50

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
Dinitrophenol, 2,4- µg/L	<1.0	<1.0	<1.0	<1.0	<4.2	<1.0
Methylphenol, 2- µg/L	<0.50	1.52	<0.50	1.04	<2.10	0.67
Methylphenol, 3+4- µg/L	<0.50	111	<0.50	147	<2.10	83.8
Methylphenols, total µg/L	<0.75	112	<0.75	148	<2.97	84.5
Nitrophenol, 2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.53	<0.50
Nitrophenol, 4- µg/L	<0.50	<1.00	<0.50	<0.50	<2.10	<0.50
Phenol µg/L	<0.50	151	<0.50	233	<2.10	88.4
Phenol, 2-methyl-4,6-dinitro- [DNOC] µg/L	<2.0	<2.0	<2.0	<2.0	<4.2	<2.0
Nonylphenols						
Bisphenol A [BPA] µg/L	0.44	1.13	<0.20	<0.34	<0.20	<0.24
Nonylphenol [NP] µg/L	<0.56	4.72	<0.40	<0.84	<0.40	2.07
Nonylphenol diethoxylate [NP2EO] µg/L	<0.30	4.65	<0.10	1.28	<0.10	1.48
Nonylphenol ethoxylates, mono+di µg/L	<2.0	11.3	<2.0	3.7	<2.0	6.6
Nonylphenol monoethoxylate [NP1EO] µg/L	<0.40	6.61	<0.40	2.41	<0.40	5.07
Octylphenol [OP] µg/L	<0.40	<0.48	<0.40	<0.48	<0.40	<0.40
Octylphenol diethoxylate [OP2EO] µg/L	<0.10	<0.10	<0.10	<0.14	<0.10	<0.10
Octylphenol ethoxylates, mono+di µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Octylphenol monoethoxylate [OP1EO] µg/L	<0.40	<0.59	<0.40	<0.87	<0.40	<0.40
Organochlorine Pesticides						
Aldrin + Dieldrin µg/L	<0.011	<0.028	<0.011	<0.056	<0.028	<0.028
Aldrin µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Chlordane, cis- (alpha) µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Chlordane, total µg/L	<0.011	<0.028	<0.011	<0.056	<0.028	<0.028
Chlordane, trans- (gamma) µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
DDD, 2,4'- µg/L	<0.0040	<0.0200	<0.0040	<0.0400	<0.0200	<0.0200
DDD, 4,4'- µg/L	<0.0040	<0.0200	<0.0040	<0.0400	<0.0200	<0.0200
DDD, total µg/L	<0.0060	<0.0283	<0.0060	<0.0566	<0.0283	<0.0283
DDE, 2,4'- µg/L	<0.0040	<0.0200	<0.0040	<0.0400	<0.0200	<0.0200
DDE, 4,4'- µg/L	<0.0040	<0.0200	<0.0040	<0.0400	<0.0200	<0.0200
DDE, total µg/L	<0.0060	<0.0283	<0.0060	<0.0566	<0.0283	<0.0283
DDT + metabolites, total µg/L	<0.010	<0.049	<0.010	<0.098	<0.049	<0.049
DDT, 2,4'- µg/L	<0.0040	<0.0200	<0.0040	<0.0400	<0.0200	<0.0200
DDT, 4,4'- µg/L	<0.0040	<0.0200	<0.0040	<0.0400	<0.0200	<0.0200
DDT, total µg/L	<0.0060	<0.0283	<0.0060	<0.0566	<0.0283	<0.0283
Dieldrin µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Endosulfan sulfate µg/L	<0.0070	<0.0200	<0.0070	<0.0400	<0.0200	<0.0200
Endosulfan, alpha- µg/L	<0.0070	<0.0200	<0.0070	<0.0400	<0.0200	<0.0200
Endosulfan, beta- µg/L	<0.0070	<0.0200	<0.0070	<0.0400	<0.0200	<0.0200
Endosulfan, total µg/L	<0.010	<0.028	<0.010	<0.056	<0.028	<0.028
Endrin µg/L	<0.010	<0.020	<0.010	<0.040	<0.020	<0.020
Endrin aldehyde µg/L	<0.010	<0.020	<0.010	<0.040	<0.020	<0.020

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
Heptachlor + Heptachlor epoxide µg/L	<0.011	<0.028	<0.011	<0.056	<0.028	<0.028
Heptachlor µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Heptachlor epoxide µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Hexachlorobenzene µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Hexachlorobutadiene µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Hexachlorocyclohexane, alpha- µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Hexachlorocyclohexane, beta- µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Hexachlorocyclohexane, delta- µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Hexachlorocyclohexane, gamma- µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Hexachlorocyclohexane, total µg/L	<0.016	<0.040	<0.016	<0.080	<0.040	<0.040
Hexachloroethane µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Methoxychlor µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Mirex µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Nonachlor, trans- µg/L	<0.010	<0.020	<0.010	<0.040	<0.020	<0.020
Oxychlordane µg/L	<0.0080	<0.0200	<0.0080	<0.0400	<0.0200	<0.0200
Pentachloronitrobenzene µg/L	<0.010	<0.020	<0.010	<0.040	<0.020	<0.020
Toxaphene, total µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Organochlorine Pesticides Surrogates						
Decachlorobiphenyl µg/L	0.17	<0.1	0.2	<0.1	0.13	0.1
Tetrachloro-m-xylene µg/L	0.2	0.2	0.2	0.3	0.20	0.2
Organometallics						
Tetraethyl lead µg/L	<0.00020	0.00032	<0.00020	<0.00020	<0.00020	<0.00020
Organometallics Surrogates						
Tetraethyl tin ng/L	320	340	410	290	390	330
Phenolics Surrogates						
Tribromophenol, 2,4,6- µg/L	84.0	92.7	89.7	1.5	1.6	90.1
Phthalate Esters						
bis(2-Ethylhexyl) phthalate [DEHP] µg/L	1.49	<8.40	<1.20	<7.80	<1.80	<172
Butyl benzyl phthalate µg/L	<0.40	<0.80	<1.00	<1.00	<1.00	<1.00
Diethyl phthalate µg/L	<0.20	1.12	<0.20	2.54	<0.21	1.81
Dimethyl phthalate µg/L	<0.20	<0.20	<0.20	<0.20	<0.21	<0.20
Di-n-butyl phthalate µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Di-n-octyl phthalate [DNOP] µg/L	<0.40	<2.10	<0.40	<2.10	<1.05	<0.40
Polychlorinated Biphenyls						
Aroclor 1016 µg/L	<0.020	<0.200	<0.020	<1.00	<0.400	<0.200
Aroclor 1221 µg/L	<0.020	<0.200	<0.020	<1.00	<0.400	<0.200
Aroclor 1232 µg/L	<0.020	<0.200	<0.020	<1.00	<0.400	<0.200
Aroclor 1242 µg/L	<0.020	<0.200	<0.020	<1.00	<0.400	<0.200
Aroclor 1248 µg/L	<0.020	<0.200	<0.020	<1.00	<0.400	<0.200
Aroclor 1254 µg/L	<0.020	<0.200	<0.020	<1.00	<0.400	<0.200
Aroclor 1260 µg/L	<0.020	<0.400	<0.020	<1.00	<0.400	<0.200

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
Aroclor 1262 µg/L	<0.020	<0.400	<0.020	<1.00	<0.400	<0.200
Aroclor 1268 µg/L	<0.020	<0.400	<0.020	<1.00	<0.400	<0.200
Polychlorinated biphenyls [PCBs], total µg/L	<0.060	<0.848	<0.060	<3.00	<1.20	<0.600
Polychlorinated Biphenyls Surrogates						
Decachlorobiphenyl µg/L	0.2	<0.2	0.1	NR	NR	<0.2
Tetrachloro-m-xylene µg/L	0.2	<0.2	0.2	NR	NR	<0.2
Polycyclic Aromatic Hydrocarbons						
Acenaphthene µg/L	<0.010	<0.083	<0.010	<0.042	<0.010	<0.042
Acenaphthylene µg/L	<0.010	<0.063	<0.010	<0.042	<0.010	<0.042
Acridine µg/L	<0.051	<0.044	<0.015	<0.054	<0.021	<0.042
Anthracene µg/L	<0.010	<0.042	<0.010	<0.202	<0.010	<0.042
B(a)P total potency equivalents [B(a)P TPE] µg/L	<0.010	0.086	<0.010	0.090	<0.010	0.059
Benz(a)anthracene µg/L	<0.010	<0.042	<0.010	<0.042	<0.010	<0.042
Benzo(a)pyrene µg/L	<0.0050	0.0485	<0.0050	<0.0421	<0.0050	<0.0421
Benzo(b+j)fluoranthene µg/L	<0.012	<0.042	<0.010	<0.044	<0.010	<0.042
Benzo(b+j+k)fluoranthene µg/L	<0.016	<0.059	<0.015	<0.063	<0.015	<0.059
Benzo(e)pyrene µg/L	<0.010	0.057	<0.010	<0.042	<0.010	<0.042
Benzo(g,h,i)perylene µg/L	<0.010	<0.042	<0.010	<0.042	<0.010	<0.042
Benzo(k)fluoranthene µg/L	<0.010	<0.042	<0.010	<0.045	<0.010	<0.042
Camphene µg/L	<0.40	<0.40	<0.40	<0.40	<1.58	<0.40
Chrysene µg/L	<0.010	0.047	<0.010	<0.042	<0.010	<0.042
Dibenz(a,h)acridine µg/L	<0.050	<0.250	<0.050	<0.500	<0.222	<0.500
Dibenz(a,h)anthracene µg/L	<0.0050	<0.0421	<0.0050	<0.0795	<0.0050	<0.0421
Dibenz(a,j)acridine µg/L	<0.050	<0.250	<0.050	<0.500	<0.222	<0.500
Dibenzo(a,e)pyrene µg/L	<0.050	<0.250	<0.050	<0.500	<0.222	<0.500
Dibenzo(a,h)pyrene µg/L	<0.050	<0.250	<0.050	<0.500	<0.222	<0.500
Dibenzo(a,i)pyrene µg/L	<0.050	<0.250	<0.050	<0.500	<0.222	<0.500
Dibenzo(c,g)carbazole, 7H- µg/L	<0.050	<0.250	<0.050	<0.500	<0.222	<0.500
Dibenzofuran µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dimethylnaphthalene, 1,3- µg/L	<0.20	<0.20	<0.20	<0.20	<0.53	<0.20
Dinitropyrene, 1,3- µg/L	<1.0	<2.5	<1.0	<5.0	<2.2	<5.0
Dinitropyrene, 1,6- µg/L	<1.0	<2.5	<1.0	<5.0	<2.2	<5.0
Dinitropyrene, 1,8- µg/L	<1.0	<5.6	<1.0	<5.0	<2.2	<5.0
Dinitropyrene, total µg/L	<2.0	<6.6	<2.0	<8.7	<3.8	<8.7
Fluoranthene µg/L	<0.010	<0.079	<0.010	<0.044	<0.010	<0.042
Fluorene µg/L	<0.010	<0.091	<0.010	<0.105	<0.010	<0.056
Indeno(1,2,3-c,d)pyrene µg/L	<0.010	0.091	<0.010	<0.435	<0.010	0.100
Methylcholanthrene, 3- µg/L	<0.050	<0.250	<0.050	<0.500	<0.222	<0.500
Methylnaphthalene, 1- µg/L	<0.010	<0.145	<0.010	<0.042	<0.010	<0.042
Methylnaphthalene, 1+2- µg/L	<0.015	<0.234	<0.015	<0.059	<0.015	<0.059
Methylnaphthalene, 2- µg/L	<0.010	<0.184	<0.010	<0.042	<0.010	<0.042

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
Naphthalene µg/L	<0.050	<0.250	<0.050	0.089	<0.050	<0.405
PAHs, high molecular weight (BC AWQ) µg/L	<0.030	0.186	<0.030	<0.472	<0.030	<0.133
PAHs, low molecular weight (BC AWQ) µg/L	<0.060	<0.379	<0.060	<0.244	<0.060	<0.417
PAHs, total (CCME sewer 18) µg/L	<0.070	<0.476	<0.070	<0.534	<0.070	<0.442
PAHs, total (EPA 16) µg/L	<0.065	<0.415	<0.065	<0.531	<0.065	<0.438
PAHs, total (P2MMP) µg/L	<0.040	<0.317	<0.040	<0.527	<0.040	<0.162
Perylene µg/L	<0.010	<0.042	<0.010	<0.042	<0.010	<0.042
Phenanthrene µg/L	<0.020	<0.246	<0.020	<0.042	<0.020	<0.042
Pyrene µg/L	<0.010	<0.089	<0.010	<0.118	<0.010	<0.042
Quinoline µg/L	<0.050	<4.25	<0.050	<0.155	<0.050	<2.45
Polycyclic Aromatic Hydrocarbons Surrogates						
Chrysene-d12 µg/L	0.8	0.8	0.8	0.7	0.8	0.8
Naphthalene-d8 µg/L	0.8	NR	0.8	1.0	0.8	NR
Phenanthrene-d10 µg/L	0.8	0.7	0.8	0.7	0.8	0.7
Terphenyl-d14, p- µg/L	0.6	0.5	0.9	0.7	0.7	0.6
Semi-Volatile Organics						
Biphenyl µg/L	<0.20	<0.20	<0.20	<0.20	<0.53	<0.20
bis(2-Chloro-1-methylethyl) ether µg/L	<0.40	<0.40	<0.40	<0.40	<1.58	<0.40
bis(2-Chloroethoxy)methane µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
bis(2-Chloroethyl) ether µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Bromophenylphenyl ether, 4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Chloroaniline, 4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Chloronaphthalene, 1- µg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chloronaphthalene, 2- µg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophenylphenyl ether, 4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Dichlorobenzene, 1,2- µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Dichlorobenzene, 1,3- µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Dichlorobenzene, 1,4- µg/L	0.62	<0.40	<0.40	<0.40	<0.53	<0.40
Dichlorobenzidine, 3,3'- µg/L	<0.40	<0.40	<0.40	<0.40	<1.58	<0.40
Dinitrotoluene, 2,4 + 2,6- µg/L	<0.60	<0.60	<0.60	<0.60	<2.23	<0.60
Dinitrotoluene, 2,4- µg/L	<0.40	<0.40	<0.40	<0.40	<1.58	<0.40
Dinitrotoluene, 2,6- µg/L	<0.40	<0.40	<0.40	<0.40	<1.58	<0.40
Diphenyl ether µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Hexachlorobenzene µg/L	<0.040	<0.040	<0.040	<0.040	<0.053	<0.040
Hexachlorobutadiene µg/L	<0.20	<0.20	<0.20	<0.20	<0.53	<0.20
Hexachlorocyclopentadiene µg/L	<0.40	<0.40	<0.40	<0.40	<1.58	<0.40
Hexachloroethane µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Indole µg/L	<0.40	28.7	<0.40	29.4	<0.53	11.0
Isophorone µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Methylenebis(2-chloraniline), 4,4'- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Nitroacenaphthene, 5- µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40

Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
Nitrobenzene µg/L	0.112	<0.020	<0.020	<0.020	<0.053	<0.020
Nitrosodi-n-propylamine, N- µg/L	<0.40	<0.40	<0.40	<0.40	<1.58	<0.40
Nitrosodiphenylamine, N- + Diphenylamine µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Trichlorobenzene, 1,2,3- µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Trichlorobenzene, 1,2,4- µg/L	<0.40	<0.40	<0.40	<0.40	<0.53	<0.40
Semi-Volatile Organics Surrogates						
Fluorobiphenyl, 2- µg/L	69.9	64.6	65.8	65.3	59.6	61.4
Nitrobenzene-d5 µg/L	82.9	72.7	75.7	73.8	57.0	71.4
Terphenyl-d14, p- µg/L	<1.0	<1.2	74.2	<2.5	<1.1	<2.5
Speciated Metals						
Chromium, hexavalent [Cr VI], total mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Total Metals						
Arsenic, total mg/L	0.00098	0.00174	0.00045	0.00076	0.00134	0.00081
Cadmium, total mg/L	0.0000205	0.000361	<0.0000050	0.0000741	0.0000174	0.0000832
Chromium, total mg/L	0.0228	0.0167	<0.00050	0.00146	<0.00050	0.00117
Copper, total mg/L	0.00629	0.0631	0.00482	0.0745	0.00378	0.0695
Lead, total mg/L	0.000302	0.00798	0.000198	0.00110	0.000516	0.00113
Mercury, total mg/L	<0.0000050	0.0000674	<0.0000050	0.0000376	<0.0000050	0.0000209
Molybdenum, total mg/L	0.0112	0.00502	0.00227	0.00162	0.00649	0.00231
Nickel, total mg/L	0.00773	0.0173	0.00681	0.00909	0.00342	0.00448
Selenium, total mg/L	0.000410	0.000770	0.000141	0.000686	0.000128	0.000550
Zinc, total mg/L	0.0288	0.488	0.0225	0.101	0.0067	0.125
Volatile Organic Compounds						
Acetone µg/L	<20	115	58	<20	<20	76
Benzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
BTEX, total µg/L	<1.0	4.5	5.3	<1.0	<1.0	1.7
Carbon disulfide µg/L	<1.0	1.7	1.7	<1.0	<1.0	1.1
Carbon tetrachloride µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chlorobenzene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroform µg/L	2.04	3.05	3.05	<0.50	<0.50	2.76
Chloromethane µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dibromochloromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromoethane, 1,2- µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorobenzene, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorobenzene, 1,3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorobenzene, 1,4- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichlorodifluoromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

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Sample Name	North Final Effluent Grab	North Raw Sewage Grab	South Final Effluent Grab	South Raw Sewage Grab	West Final Effluent Grab	West Raw Sewage Grab
Sampling Date	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024	15-11-2024
ID	WP2426119-001; L2758176-1	WP2426119-002; L2758176-2	WP2426119-003; L2758176-3	WP2426119-004; L2758176-4	WP2426119-005; L2758176-5	WP2426119-006; L2758176-6
Analyte	**Sample Results**					
Dichloroethane, 1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethane, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, 1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, cis+trans-1,2- µg/L	<0.71	0.88	<0.71	<0.71	<0.71	<0.71
Dichloroethylene, cis-1,2- µg/L	<0.50	0.88	<0.50	<0.50	<0.50	<0.50
Dichloroethylene, trans-1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloromethane µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichloropropane, 1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloropropylene, cis+trans-1,3- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dichloropropylene, cis-1,3- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Dichloropropylene, trans-1,3- µg/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Ethylbenzene µg/L	<0.50	0.61	0.66	<0.50	<0.50	<0.50
Hexane, n- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexanone, 2- µg/L	<20	<20	<20	<20	<20	<20
Methyl ethyl ketone [MEK] µg/L	<20	32	<20	<20	<20	<20
Methyl isobutyl ketone [MIBK] µg/L	<20	<20	<20	<20	<20	<20
Methyl-tert-butyl ether [MTBE] µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Styrene µg/L	<0.50	1.72	<0.50	<0.50	<0.50	<0.50
Tetrachloroethane, 1,1,1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethane, 1,1,2,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene µg/L	<0.50	3.91	2.45	<0.50	<0.50	1.74
Trichloroethane, 1,1,1- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethane, 1,1,2- µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorofluoromethane µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trihalomethanes [THMs], total µg/L	2.0	3.0	3.0	<1.0	<1.0	2.8
Vinyl chloride µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Xylene, m+p- µg/L	<0.40	<0.40	1.73	<0.40	<0.40	<0.40
Xylene, o- µg/L	<0.30	<0.30	0.48	<0.30	<0.30	<0.30
Xylenes, total µg/L	<0.50	<0.50	2.21	<0.50	<0.50	<0.50
Volatile Organic Compounds Surrogates						
Bromofluorobenzene, 4- µg/L	8.5	8.6	8.7	8.4	8.4	8.6
Difluorobenzene, 1,4- µg/L	10.3	10.2	10.3	10.4	10.5	10.4

NR - no result