

Contaminant by method/analytical scan	Minimum Reporting Limit (ng/l)	Otisco Lake Raw Water Results (ng/l)	Otisco Lake Treated Water Results (ng/l)	Lake Ontario Treated Water Results (ng/l)	Otisco Lake Raw Water Results (ng/l)	Otisco Lake Treated Water Results (ng/l)	Lake Ontario Treated Water Results (ng/l)
LC-MS-MS Endocrine Disruptors Positive Mode							
Acetaminophen	1	ND	ND	ND	ND	ND	ND
Caffeine	3	ND	ND	ND	ND	ND	ND
Cotinine	1	4.8	1.1	1.2	2.6	1.2	2.1
Diazepam	1	ND	ND	ND	ND	ND	ND
Fluoxetine	5	ND	ND	ND	ND	ND	ND
Sulfamethoxazole	1	ND	ND	ND	ND	ND	ND
Trimethoprim	1	ND	ND	ND	ND	ND	ND
LC-MS-MS Endocrine Disruptors Negative Mode							
Bis Phenol A (BPA)	10	ND	27	60	17	ND	ND
Butalbital	5	ND	ND	ND	ND	ND	ND
Gemfibrozil	1	ND	ND	ND	ND	ND	ND
Ibuprofen	1	1	2	ND	ND	ND	ND
Iopromide	5	ND	ND	ND	ND	ND	ND
Perfluoro octanesulfonate-PFOS	0.2	ND	ND	1.5	0.25	ND	2.5
Triclosan	5	ND	5.5	ND	6.7	ND	ND
LC-MS-MS Endocrine Disruptors APCI Mode							
Carbamazepine	5	ND	ND	ND	ND	ND	ND
Estradiol	1	ND	ND	ND	ND	ND	ND
Estrone	1	ND	ND	ND	ND	ND	ND
Ethinyl Estradiol -17 alpha	5	ND	ND	ND	ND	ND	ND
Progesterone	1	ND	ND	ND	ND	ND	ND
Testosterone	1	ND	ND	ND	ND	ND	ND
LC-MS-MS Endocrine Disruptors Positive Mode							
1,7-Dimethylxanthine	5	ND	6.3	9.7	ND	8.1	ND
Acetaminophen	5	ND	ND	16	ND	ND	ND
Albuterol	5	ND	ND	ND	ND	ND	ND
Androstenedione	5	ND	ND	ND	ND	ND	ND
Atenolol	5	ND	ND	ND	ND	ND	ND
Atrazine	5	53	23	15	26	ND	11
Bezafibrate	5	ND	ND	ND	ND	ND	ND
Bromacil	5	ND	ND	ND	ND	ND	ND
Caffeine	5	ND	11	64	ND	33	23
Carbadox	5	ND	ND	ND	ND	ND	ND
Carbamazepine	5	ND	ND	ND	ND	ND	ND
Carisoprodol	5	ND	ND	ND	ND	ND	ND
Chloridazon	5	ND	ND	ND	ND	ND	ND
Chlorotoluron	5	ND	ND	ND	ND	ND	ND
Cimetidine	5	ND	ND	ND	ND	ND	ND
Cotinine	10	ND	ND	ND	ND	ND	ND
Cyanazine	5	ND	ND	ND	ND	ND	ND
DACT	5	10	9.6	12	19	12	ND
DEA	5	23	16	23	12	ND	13
DEET	2	ND	ND	ND	2.8	3.9	ND
Dehydronifedipine	5	ND	ND	ND	ND	ND	ND
DIA	5	6	ND	7	ND	ND	ND
Diazepam	20	ND	ND	ND	ND	ND	ND
Dilantin	20	ND	ND	ND	ND	ND	ND
Diuron	5	ND	ND	ND	ND	ND	ND
Flumequine	5	ND	ND	ND	ND	ND	ND
Ketoprofen	10	ND	ND	ND	ND	ND	ND
Ketotolac	5	ND	ND	ND	ND	ND	ND
Lidocaine	5	ND	ND	ND	ND	ND	ND
Lincomycin	5	ND	ND	ND	ND	ND	ND
Linuron	20	ND	ND	ND	ND	ND	ND
Lopressor	5	ND	ND	ND	ND	ND	ND
Meclofenamic Acid	20	ND	ND	ND	ND	ND	ND
Meprobamate	5	ND	ND	ND	ND	ND	ND
Metazachlor	5	ND	ND	ND	ND	ND	ND
Nifedipine	5	ND	ND	ND	ND	ND	ND
Norethisterone	20	ND	ND	ND	ND	ND	ND
Oxolinic Acid	5	ND	ND	ND	6.5	16	37
Pentoxifylline	5	ND	ND	ND	ND	ND	ND
Primidone	5	ND	ND	ND	ND	ND	ND
Progesterone	5	ND	ND	ND	ND	ND	ND
Propazine	5	ND	ND	ND	ND	ND	ND
Simazine	5	ND	ND	ND	ND	ND	ND
Sulfachloropyridazine	5	ND	ND	ND	ND	ND	ND
Sulfadiazine	5	ND	ND	ND	ND	ND	ND
Sulfadimethoxine	5	ND	ND	ND	ND	ND	ND
Sulfamerazine	5	ND	ND	ND	ND	ND	ND
Sulfamethazine	5	ND	ND	ND	ND	ND	ND
Sulfamethoxazole	5	ND	ND	ND	ND	ND	ND
Sulfathiazole	5	ND	ND	ND	ND	ND	ND
TCEP	10	ND	ND	ND	ND	ND	ND
Theobromine	5	18	33	14	ND	ND	ND
Theophylline	5	ND	9.6	ND	ND	15	ND
Trimethoprim	5	ND	ND	ND	ND	ND	ND

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LC-MS-MS Endocrine Disruptors Negative Mode							
Bendroflumethiazide	5	ND	ND	ND	ND	ND	ND
BPA	10	ND	ND	ND	13	ND	ND
Butalbital	5	ND	ND	ND	ND	ND	ND
Butylparaben	5	ND	ND	ND	ND	ND	ND
Chloramphenicol	5	ND	ND	ND	ND	ND	ND
Diclofenac	5	8.1	ND	ND	ND	ND	ND
Dilantin	20	ND	ND	ND	ND	ND	ND
Ethylparaben	20	ND	ND	ND	ND	ND	ND
Furosimide	10	ND	ND	ND	ND	ND	ND
Gemfibrozil	5	ND	ND	ND	ND	ND	ND
Iohexal	10	ND	ND	ND	ND	ND	ND
Iopromide	5	ND	ND	ND	ND	ND	ND
Isobutylparaben	5	ND	ND	ND	ND	ND	ND
Linuron	20	ND	ND	ND	ND	ND	ND
Methylparaben	20	ND	ND	ND	ND	ND	ND
Naproxen	10	ND	ND	ND	ND	ND	ND
Propylparaben	5	ND	ND	ND	ND	ND	ND
Sucralose	100	ND	ND	ND	ND	ND	ND
Triclosan	10	ND	ND	ND	ND	ND	ND
Warfarin	5	ND	ND	ND	ND	ND	ND
USGS4MOD - EDC- Phenols-waste parm screen							
2,6-di-tert-butylphenol	25	ND	ND	ND	ND	ND	ND
4-Methylphenol	25	ND	ND	ND	ND	ND	ND
4-Nonyl Phenol	25	ND	ND	ND	ND	ND	ND
Alpha Chlordane	25	ND	ND	ND	ND	ND	ND
Bis Phenol A (BPA)	25	ND	ND	ND	ND	ND	ND
Caffeine by GCMS LLE	25	ND	ND	ND	ND	ND	ND
Carbaryl	50	ND	ND	ND	ND	ND	ND
Chlorpyrifos	25	ND	ND	ND	ND	ND	ND
DEET	25	ND	ND	ND	ND	ND	ND
Diazinon	25	ND	ND	ND	ND	ND	ND
Dieldrin	25	ND	ND	ND	ND	ND	ND
Methyl Parathion	25	ND	ND	ND	ND	ND	ND
Phenol	50	ND	ND	ND	ND	ND	ND
TDCPP	50	50	ND	ND	ND	ND	ND
Triclosan	50	ND	ND	ND	ND	ND	ND
Triphenylphosphate	25	ND	ND	ND	ND	ND	ND
Tris (2-butoxyethyl) phosphate	200	220	ND	ND	ND	ND	ND
Tris (2-chloroethyl) phosphate	50	ND	ND	ND	ND	ND	ND

Non steroidal anti inflammatory drug

Flame retardant resin

Flame retardant, plasticizer