

ONONDAGA COUNTY WATER AUTHORITY (OCWA)

Pharmaceuticals and Other Emerging Contaminants

2008 Sample Test Results

Contaminant Classification	Trade Name and/or Typical Use	Minimum Reporting Limit (ng/l)	Otisco Lake Raw Water Results (ng/l)	Otisco Lake Treated Water Results (ng/l)	Lake Ontario Raw Water Results (ng/l)	Lake Ontario Treated Water Results (ng/l)
Pharmaceutical						
Carbamazepine	Tegretol, Anticonvulsant	5	ND	ND	ND	ND
Gemfibrozil	Lopid, Antilipidemic	1	ND	ND	ND	ND
Ibuprofen	Advil, Motrin	1	ND	ND	ND	1.6
Iopromide	Ultravist, Diagnostic Aid / Radiopaque	5	ND	ND	ND	ND
Acetaminophen	Anacin-3, Tylenol,	1	ND	ND	ND	ND
Caffeine	NoDoz, Vivarin, Coffee, Tea, Soda	3	7.8	ND	ND	ND
Caffeine by GCMS LLE	NoDoz, Vivarin, Coffee, Tea, Soda	25	ND	ND	ND	ND
Diazepam	Valium, Tranquilizer	1	ND	ND	ND	ND
Fluoxetine	Prozac, Antidepressant	1	ND	ND	ND	ND
Sulfamethoxazole	Bactrim, Antibiotic	1	ND	ND	ND	ND
Trimethoprim	Bactrim, Antibiotic	1	ND	ND	ND	ND
Hormone						
Estrone	Human estrogen	1	ND	ND	ND	ND
Estradiol	Birth Control/ Premenstrual Dysphoric Med	1	ND	ND	ND	ND
Ethinyl Estradiol - 17 alpha	Birth Control/ Premenstrual Dysphoric Med	5	ND	ND	ND	ND
Progesterone	Human estrogen	1	ND	ND	ND	ND
Testosterone	Human androgen	1	ND	ND	ND	ND
Personal Care Product						
Triclosan	Antibiotic	5	ND	ND	ND	ND
Triclosan	Antibiotic	50	ND	ND	ND	ND
Phenol	Chloraseptic, cosmetics, sun screens	100	ND	ND	ND	ND
Pesticide						
Alpha Chlordane	Termiticide	10	ND	ND	ND	ND
Carbaryl	Insecticide	50	ND	ND	ND	ND
Chlorpyrifos	Insecticide	25	ND	ND	ND	ND
DEET	Insect repellent	25	ND	ND	ND	ND
Diazinon	Insecticide	25	ND	ND	ND	ND
Dieldrin	Insecticide	25	ND	ND	ND	ND
Methyl Parathion	Insecticide	25	ND	ND	ND	ND
Other						
2,6-di-tert-butylphenol	Used in Fuels, oils, gasolines	10	ND	ND	ND	ND
4-Methylphenol	Used in rubber, plastics, lubricants	25	ND	ND	ND	ND
4-Nonyl Phenol	Used in detergents and pesticides	25	ND	ND	ND	ND
Bis Phenol A (PBA)	Used to make plastic	25	ND	ND	ND	ND
TDCPP	Flame retardant	25	ND	ND	ND	ND
Tris (2-butoxyethyl) phosphate	Flame retardant/ used in polishes	100	ND	ND	ND	ND
Tris (2-chloroethyl) phosphate	Flame retardant	25	ND	ND	ND	ND
Triphenylphosphate	Plasticizer in stains and varnishes	25	ND	ND	ND	ND

ND = Not Detected

ng/l = parts per trillion