

ENVIROTEK LABORATORIES, INC.

33 Third Street, Bordentown, NJ 08505

PHONE 856-583-0445 www.enviroteklab.com

EPA ID # NJ01298 NJ DEP ID # 03048 NY ELAP ID # 12044

Report # 16-509

Report Date: 10/05/16

Drinking Water Contaminant Tested	Influent Water Concentration in µg/L	AquaMetix AMX-GB Effluent Concentration in µg/L	% Reduction
Volatile Organic Contaminants in µg/L			
Dichlorodifluoromethane	80.1	<0.5	99.9
Chloromethane	80.1	<0.5	99.9
Vinylchloride	80.2	<0.5	99.9
Bromomethane	80.1	<0.5	99.9
Chloroethane	80.2	<0.5	99.9
Trichlorofluoromethane	81.1	<0.5	99.9
1,1-Dichloroethene	83.2	<0.5	99.9
Methylene Chloride	81.0	<0.5	99.9
trans-1,2-Dichloroethene	81.2	<0.5	99.9
MTBE	80.2	<0.5	99.9
1,1-Dichloroethane	79.8	<0.5	99.9
cis-1,2-Dichloroethene	170.1	<0.5	99.9
2,2-Dichloropropane	79.5	<0.5	99.9
Bromochloromethane	79.8	<0.5	99.9
Chloroform	80.2	<0.5	99.9
Carbon Tetrachloride	79.6	<0.5	99.9
1,1,1-Trichloroethane	80.5	<0.5	99.9
1,1-Dichloropropene	79.8	<0.5	99.9
Benzene	81.3	<0.5	99.9
1,2-Dichloroethane	89.2	<0.5	99.9
Trichloroethene	182.4	<0.5	99.9
Dibromomethane	79.9	<0.5	99.9
1,2-Dichloropropane	80.5	<0.5	99.9
Bromodichloromethane	80.2	<0.5	99.9
cis-1,3-Dichloropropene	50.3	<0.5	99.9
Toluene	79.2	<0.5	99.9
trans-1,3-Dichloropropene	80.2	<0.5	99.9
Tetrachloroethene	80.5	<0.5	99.9
1,1,2-Trichloroethane	152.2	<0.5	99.9
Chlorodibromomethane	80.2	<0.5	99.9
1,3-Dichloropropane	80.2	<0.5	99.9
Ethylbenzene	89.2	<0.5	99.9
Chlorobenzene	78.2	<0.5	99.9
1,1,1,2-Tetrachloroethane	79.2	<0.5	99.9
m-Xylene	70.2	<0.5	99.9
o-Xylene	70.2	<0.5	99.9
Styrene	80.1	<0.5	99.9
Bromoform	80.1	<0.5	99.9
Isopropylbenzene	80.3	<0.5	99.9
n-Propylbenzene	80.2	<0.5	99.9
Bromobenzene	80.5	<0.5	99.9
1,1,2,2-Tetrachloroethane	80.2	<0.5	99.9
1,3,5-Trimethylbenzene	81.2	<0.5	99.9
2-Chlorotoluene	81.2	<0.5	99.9
1,2,3-Trichloropropane	80.4	<0.5	99.9
Dichlorodifluoromethane	80.2	<0.5	99.9
Chloromethane	80.2	<0.5	99.9
Vinylchloride	80.3	<0.5	99.9
Bromomethane	80.4	<0.5	99.9
Chloroethane	80.4	<0.5	99.9
Trichlorofluoromethane	81.2	<0.5	99.9
1,1-Dichloroethene	82.2	<0.5	99.9
Methylene Chloride	80.2	<0.5	99.9
trans-1,2-Dichloroethene	85.2	<0.5	99.9

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Volatile Organic Contaminants in µg/L			
4-Chlorotoluene	80.2	<0.5	99.9
1,2,4-Trimethylbenzene	80.2	<0.5	99.9
sec-Butylbenzene	80.0	<0.5	99.9
4-Isopropyltoluene	80.1	<0.5	99.9
1,3-Dichlorobenzene	80.4	<0.5	99.9
1,4-Dichlorobenzene	80.2	<0.5	99.9
n-Butylbenzene	40.0	<0.5	99.9
1,2-Dichlorobenzene	80.1	<0.5	99.9
Hexachlorobutadiene	80.1	<0.5	99.9
1,2,4-Trichlorobenzene	44.0	<0.5	99.9
Naphthalene	160.5	<0.5	99.9
1,2,3-Trichlorobenzene	80.4	<0.5	99.9
Heavy Metal Contaminants in µg/L			
Aluminum	204	<2	99.0
Antimony	6.1	<0.5	99.9
Arsenic	300	<2	99.9
Beryllium	50.2	<0.5	99.9
Bismuth	50.1	<2	99.9
Cadmium	31.5	7.1	78.1
Chromium	304	<2	99.9
Copper	3,012	<2	99.9
Iron	3,310	<2	99.9
Lead	152	<2	99.9
Manganese	1,050	<2	99.9
Mercury	6.2	<0.5	99.9
Nickel	102	<2	99.9
Selenium	103	<2	99.9
Zinc	10,000	<2	99.9
Pesticide Contaminants in µg/L			
4,4'-DDD	50.2	<0.5	99.9
4,4'-DDE	50.1	<0.5	99.9
4,4'-DDT	50.2	<0.5	99.9
Alachlor	40.3	<0.5	99.9
Aldrin	50.2	<0.5	99.9
Alpha-BHC	50.2	<0.5	99.9
Ametryn	50.1	<0.5	99.9
Atraton	50.3	<0.5	99.9
Atrazine	9.1	<0.5	99.9
Beta-BHC	49.9	<0.5	99.9
Bromacil	50.0	<0.5	99.9
Carbofuran	80.1	<0.5	99.9
Chlordane	40.2	<0.5	99.9
Chlorneb	51.0	<0.5	99.9
Chlorobenzilate	50.2	<0.5	99.9
Chlorothalonil	50.2	<0.5	99.9
Chlorprophane	51.0	<0.5	99.9
Chlorpyrifos	51.2	<0.5	99.9
Cyanizene	51.0	<0.5	99.9
Delta-BHC	50.1	<0.5	99.9
Dichlorvos	50.1	<0.5	99.9
Dieldrin	49.2	<0.5	99.9
Diphenamid	50.2	<0.5	99.9
Disulfoton	51.1	<0.5	99.9
Endosulfan Sulfate	51.2	<0.5	99.9
Endrin	6.0	<0.5	99.9
Endrin Aldehyde	51.2	<0.5	99.9
Endrin Ketone	52.1	<0.5	99.9
Endosulfan I	49.8	<0.5	99.9
Endosulfan II	50.2	<0.5	99.9
Ethoprop	50.2	<0.5	99.9
Fenamiphos	51.2	<0.5	99.9
Fluoridone	51.4	<0.5	99.9

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Gamma-BHC (Lindane)	2.1	<0.5	99.9
Heptachlor	81.1	<0.5	99.9
Methoxychlor	120	<0.5	99.9
Molinate	50.2	<0.5	99.9
PCB's	10.0	<0.5	99.9
Prometron	50.2	<0.5	99.9
Simazine	12.0	<0.5	99.9
Toxaphene	15.0	<0.5	99.9
Semivolatile Contaminants in µg/L			
Acenaphthylene	50.2	<0.5	99.9
Anthracene	50.0	<0.5	99.9
Benz[a]anthracene	51.0	<0.5	99.9
Benzo[b]fluoranthene	50.2	<0.5	99.9
Benzo[k]fluoranthene	50.0	<0.5	99.9
Benzo[a]pyrene	50.4	<0.5	99.9
Benzo[g,h,i]perylene	50.0	<0.5	99.9
Butylbenzylphthalate	50.0	<0.5	99.9
Carboxin	50.1	<0.5	99.9
2-Chlorobiphenyl	50.2	<0.5	99.9
Chrysene	51.0	<0.5	99.9
Cycloate	51.0	<0.5	99.9
Dacthal (DCPA)	51.2	<0.5	99.9
Diazinon	52.0	<0.5	99.9
Dibenz[a,h]anthracene	50.4	<0.5	99.9
Di-n-Butylphthalate	49.9	<0.5	99.9
2,3-Dichlorobiphenyl	50.4	<0.5	99.9
Diethylphthalate	49.0	<0.5	99.9
Di(2-ethylhexyl)adipate	50.1	<0.5	99.9
Di(2-ethylhexyl)phthalate	52.0	<0.5	99.9
Dimethylphthalate	51.0	<0.5	99.9
EPTC	50.5	<0.5	99.9
Fluorene	49.8	<0.5	99.9
2,2', 3,3', 4,4', 6-Heptachlorobiphenyl	51.3	<0.5	99.9
Hexachlorobenzene	49.9	<0.5	99.9
2,2', 4,4', 5,6'-Hexachlorobiphenyl	50.5	<0.5	99.9
Hexachlorocyclohexane, alpha	51.0	<0.5	99.9
Hexachlorocyclohexane, beta	51.2	<0.5	99.9
Hexachlorocyclohexane, delta	51.2	<0.5	99.9
Hexachlorocyclopentadiene	50.2	<0.5	99.9
Hexazinone	50.5	<0.5	99.9
Indeno[1,2,3,c,d]pyrene	49.2	<0.5	99.9
Isophorone	51.4	<0.5	99.9
Merphos	51.2	<0.5	99.9
Methyl Paraoxon	51.1	<0.5	99.9
Norflurazon	51.3	<0.5	99.9
2,2', 3,3', 4,5', 6,6'-Octachlorobiphenyl	50.0	<0.5	99.9
Pebulate	50.2	<0.5	99.9
2,2', 3', 4,6'-Pentachlorobiphenyl	49.5	<0.5	99.9
Pentachlorophenol	50.1	<0.5	99.9
Phenanthrene	50.5	<0.5	99.9
cis-Permethrin	50.1	<0.5	99.9
trans-Permethrin	49.5	<0.5	99.9
Prometon	51.2	<0.5	99.9
Prometryn	51.0	<0.5	99.9
Pronamide	50.0	<0.5	99.9
Propachlor	50.2	<0.5	99.9
Propazine	50.0	<0.5	99.9
Triademefon	49.8	<0.5	99.9
2,4,5-Trichlorobiphenyl	48.5	<0.5	99.9
Triademefon	48.8	<0.5	99.9
2,4,5-Trichlorobiphenyl	48.5	<0.5	99.9
Tricyclazole	48.8	<0.5	99.9
Trifluralin	51.1	<0.5	99.9

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Disinfectant and Inorganic Non-Metallic Contaminants in mg/L			
Chloramines	3.1 mg/L	<0.01 mg/L	99.9
Free Chlorine	2.2 mg/L	<0.05 mg/L	99.9
Fluoride	8.2 mg/L	<0.1 mg/L	99.9
Nitrates	27.3 mg/L	4.9 mg/L	82.1
Nitrites	3.1 mg/L	<0.1 mg/L	99.9
Herbicide Contaminants in µg/L			
Dalapon	150	<0.1	99.9
Dicamba	150	<0.1	99.9
Dinosep	22.2	<0.1	99.0
Dichloroprop	150	<0.1	99.9
2,4-D	220	<0.5	99.9
Pentachlorophenol	10.2	<0.5	99.9
Picoram	150	<0.5	99.9
2,4,5-T	152	<0.5	99.9
2,4,5-TP (Silvex)	150	<0.5	99.9
2,4-DB	152	<0.5	99.9
Bentazom	150	<0.5	99.9
DCPA	150	<0.5	99.9
Quinclorac	150	<0.5	99.9
Aciflurfen	151	<0.5	99.9
Pharmaceutical Drugs Contaminants in µg/L			
Acetaminofen	20.0	<0.1	99.5
Caffeine	20.2	<0.1	99.5
Carbamazepine	21.2	<0.1	99.5
Ciprofloxacin HCl	21.2	<0.1	99.5
Erythromycin USP	20.0	<0.1	99.5
Sulfamethoxazole	21.2	<0.1	99.5
Trimethoprim	20.3	<0.1	99.5
Bisphenol A	20.4	<0.1	99.5
Diclofenac Sodium	20.2	<0.1	99.5
4-para-Nonylphenol	20.2	<0.1	99.5
4-tert-Octylphenol	20.4	<0.1	99.5
Primidone	20.9	<0.1	99.5
Progesterone	20.4	<0.1	99.5
Gemfibrozil	20.4	<0.1	99.5
Ibuprofen	20.3	<0.1	99.5
Naproxen Sodium	20.4	<0.1	99.5
Triclosan	20.2	<0.1	99.5

Jaime Young

Jaime Young
Lab Director