

Tel: (626) 386-1100
 Fax: (866) 988-3757
 1 800 566 LABS (1 800 566 5227)

CLIENT: DS Services
 45 West Noblestown Road
 Carnegie, PA 15106

DATE OF REPORT: Feb 04, 2019
REPORT #: 782789
LABORATORY ID #: 201901110211

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THM No SOQs established for individual trihalomethane contaminants.
 The sum of the 4 THMs is regulated as total trihalomethanes

ANALYSIS PERFORMED	SOQ (mg/L)	RL (mg/L)	Distilled FP (mg/L)
PRIMARY INORGANICS			
Antimony	0.006	0.001	ND
Arsenic	0.01	0.001	ND
Asbestos, MFL	--	0.2	ND
Barium	1	0.002	ND
Beryllium	0.004	0.001	ND
Bromate	0.010	0.001	ND
Cadmium	0.005	0.0005	ND
Chloramines	4.0	0.1	ND
Chlorine Dioxide	0.8	0.24	ND
Chlorite	1.0	0.01	ND
Chromium, Total	0.05	0.001	ND
Cyanide	0.1	0.025	ND
Fluoride	1.4	0.05	ND
Free Chlorine Residual	0.1	0.1	ND
Lead	0.005	0.0005	ND
Mercury	0.001	0.0002	ND
Nickel	0.1	0.005	ND
Nitrate as Nitrogen	10	0.1	ND
Nitrite Nitrogen	1	0.05	ND
Selenium	0.01	0.005	ND
Thallium	0.002	0.001	ND
Total Chlorine Residual	0.1	0.1	ND
SECONDARY INORGANICS			
Alkalinity	--	2	ND
Aluminum	0.2	0.02	ND
Bicarbonate	--	2	ND
Boron	--	0.05	ND
Bromide	--	0.005	ND
Calcium	--	1	ND
Calcium Hardness	--	5	ND
Carbonate	--	2	ND
Chloride	250	0.5	ND
Copper	1	0.002	ND
Corrosivity	--	--	-5.9
Foaming Agents (MBAS)	0.5	0.1	ND
Hydroxide	--	2	ND
Iron	0.3	0.02	ND
Magnesium	--	0.1	ND
Manganese	0.05	0.002	ND
Phenol	0.001	0.001	ND
Potassium	--	1	ND
Silver	0.025	0.0005	ND
Sodium	--	1	ND
Specific Conductance, uS/cm	--	2	ND
Sulfate	250	0.5	ND
Total Dissolved Solids	500	10	ND

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ANALYSIS PERFORMED	SOQ (mg/L)	RL (mg/L)	Distilled FP (mg/L)
SECONDARY INORGANICS			
Total Hardness	--	3	ND
Zinc	5	0.02	ND
PHYSICAL COMPONENTS			
Color, ACU	5	3	ND
Odor, TON	3	1	2
pH	5-7/6.5-8.5	0.1	5.9
Turbidity, NTU	0.5	0.1	ND
RADIOLOGICALS			
Alpha, Gross, pCi/L	15	3	ND
Beta, Gross, pCi/L	50	3	ND
Radium 226, pCi/L	5	1	ND
Radium 228, pCi/L	5	1	ND
Radon 222, pCi/L	--	50	ND
Uranium	0.030	0.001	ND
VOLATILE ORGANIC COMPOUNDS			
1,1,1,2-Tetrachloroethane	--	0.0005	ND
1,1,1-Trichloroethane	0.03	0.0005	ND
1,1,2,2-Tetrachloroethane	0.001	0.0005	ND
1,1,2-Trichloroethane	0.003	0.0005	ND
1,1-Dichloroethane	0.05	0.0005	ND
1,1-Dichloroethylene	0.002	0.0005	ND
1,1-Dichloropropene	--	0.0005	ND
1,2,3-Trichlorobenzene	--	0.0005	ND
1,2,4-Trichlorobenzene	0.009	0.0005	ND
1,2,4-Trimethylbenzene	--	0.0005	ND
1,2-Dichloroethane	0.002	0.0005	ND
1,2-Dichloropropane	0.005	0.0005	ND
1,3,5-Trimethylbenzene	--	0.0005	ND
1,3-Dichlorobenzene	0.6	0.0005	ND
1,3-Dichloropropane	--	0.0005	ND
2,2-Dichloropropane	--	0.0005	ND
4-Isopropyltoluene	--	0.0005	ND
4-Methyl-2-Pentanone (MIBK)	--	0.005	ND
Benzene	0.001	0.0005	ND
Bromobenzene	--	0.0005	ND
Bromochloromethane	--	0.0005	ND
Bromodichloromethane	--	0.0005	ND
Bromoethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Bromomethane (Methyl Bromide)	--	0.0005	ND
Carbon disulfide	--	0.0005	ND
Carbon Tetrachloride	0.002	0.0005	ND
Chlorobenzene (Mono)	0.05	0.0005	ND
Chlorodibromomethane	--	0.0005	ND

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VOLATILE ORGANIC COMPOUNDS			
Chloroethane	--	0.0005	ND
Chloroform	--	0.0005	ND
Chloromethane	--	0.0005	ND
cis-1,2-Dichloroethene	0.07	0.0005	ND
cis-1,3-Dichloropropene	--	0.0005	ND
Dibromomethane	--	0.0005	ND
Dichlorodifluoromethane	--	0.0005	ND
Dichloromethane	0.003	0.0005	ND
Di-isopropyl ether	--	0.003	ND
Ethylbenzene	0.7	0.0005	ND
Hexachlorobutadiene	--	0.0005	ND
Isopropylbenzene	--	0.0005	ND
m,p-Xylenes	--	0.0005	ND
Methyl Ethyl Ketone (MEK)	--	0.005	ND
Methyl Tert-butyl ether (MTBE)	0.07	0.0005	ND
Naphthalene	0.3	0.0005	ND
n-Butylbenzene	--	0.0005	ND
n-Propylbenzene	--	0.0005	ND
o-Chlorotoluene	--	0.0005	ND
o-Dichlorobenzene (1,2-DCB)	0.6	0.0005	ND
o-Xylene	--	0.0005	ND
p-Chlorotoluene	--	0.0005	ND
p-Dichlorobenzene (1,4-DCB)	0.075	0.0005	ND
sec-Butylbenzene	--	0.0005	ND
Styrene	0.1	0.0005	ND
tert-amyl Methyl Ether	--	0.003	ND
tert-Butylbenzene	--	0.0005	ND
tert-Butyl-Ethyl Ether (TBEE)	--	0.003	ND
Tetrachloroethylene	0.001	0.0005	ND
Toluene	1	0.0005	ND
Total Trihalomethanes	0.080 (CA 0.010)	0.0005	ND
trans-1,2-Dichloroethylene	0.1	0.0005	ND
trans-1,3-Dichloropropene	--	0.0005	ND
Trichloroethylene	0.001	0.0005	ND
Trichlorofluoromethane	--	0.0005	ND
Trichlorotrifluoroethane(Freon)	--	0.0005	ND
Vinyl chloride	0.002	0.0003	ND
Xylenes (Total)	1	0.0005	ND
ORGANIC COMPOUNDS			
EPA 1613B			
2,3,7,8-TCDD (Dioxin)	0.00000003	0.000000005	ND
EPA 505			
Alachlor (Alanex)	0.002	0.0001	ND
Chlordane	0.0005	0.0001	ND
Dieldrin	--	0.00001	ND
Endrin	0.002	0.00001	ND

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ORGANIC COMPOUNDS			
EPA 505			
Heptachlor	0.0004	0.00001	ND
Heptachlor Epoxide	0.0002	0.00001	ND
Lindane (gamma-BHC)	0.0002	0.00001	ND
Methoxychlor	0.04	0.00005	ND
PCB 1016 Aroclor	--	0.00008	ND
PCB 1221 Aroclor	--	0.0001	ND
PCB 1232 Aroclor	--	0.0001	ND
PCB 1242 Aroclor	--	0.0001	ND
PCB 1248 Aroclor	--	0.0001	ND
PCB 1254 Aroclor	--	0.0001	ND
PCB 1260 Aroclor	--	0.0001	ND
Total PCBs	0.0005	0.0001	ND
Toxaphene	0.003	0.0005	ND
EPA 515.4			
2,4,5-T	--	0.0002	ND
2,4,5-TP (Silvex)	0.01	0.0002	ND
2,4-D (2,4-Dichlorophenoxyacetic acid)	0.07	0.0001	ND
2,4-DB	--	0.002	ND
3,5-Dichlorobenzoic acid	--	0.0005	ND
Acifluorfen	--	0.0002	ND
Bentazon	--	0.0005	ND
Dalapon	0.2	0.001	ND
Dicamba	--	0.0001	ND
Dichlorprop	--	0.0005	ND
Dinoseb	0.007	0.0002	ND
Pentachlorophenol	0.001	0.00004	ND
Picloram	0.5	0.0001	ND
Tot DCPA Mono&Diacid Degradate	--	0.0001	ND
EPA 525.2			
2,4-Dinitrotoluene	--	0.0001	ND
2,6-Dinitrotoluene	--	0.0001	ND
4,4-DDD	--	0.0001	ND
4,4-DDE	--	0.0001	ND
4,4-DDT	--	0.0001	ND
Acenaphthene	--	0.0001	ND
Acenaphthylene	--	0.0001	ND
Acetochlor	--	0.0001	ND
alpha-Chlordane	--	0.00005	ND
Anthracene	--	0.00002	ND
Atrazine	0.003	0.00005	ND
Benzo(a)Anthracene	--	0.00005	ND
Benzo(a)pyrene	0.0002	0.00002	ND
Benzo(b)Fluoranthene	--	0.00002	ND
Benzo(g,h,i)Perylene	--	0.00005	ND
Benzo(k)Fluoranthene	--	0.00002	ND
Bromacil	--	0.0002	ND

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ORGANIC COMPOUNDS			
EPA 525.2			
Butachlor	--	0.00005	ND
Butylbenzylphthalate	--	0.0005	ND
Caffeine by method 525mod	--	0.00005	ND
Chlorobenzilate	--	0.0001	ND
Chloroneb	--	0.0001	ND
Chlorothalonil (Draconil, Bravo)	--	0.0001	ND
Chlorpyrifos (Dursban)	--	0.00005	ND
Chrysene	--	0.00002	ND
Delta-BHC	--	0.0001	ND
Di-(2-Ethylhexyl)-adipate (Bis)	0.4	0.0006	ND
Di-(2-Ethylhexyl)-phthalate (Bis)	0.006	0.0006	ND
Diazinon (Qualitative)	--	0.0001	ND
Dibenz(a,h)Anthracene	--	0.00005	ND
Dichlorvos (DDVP)	--	0.00005	ND
Dieldrin	--	0.0002	ND
Diethylphthalate	--	0.0005	ND
Dimethoate	--	0.0001	ND
Dimethylphthalate	--	0.0005	ND
Di-n-Butylphthalate	--	0.001	ND
Di-N-octylphthalate	--	0.0001	ND
Endosulfan I (Alpha)	--	0.0001	ND
Endosulfan II (Beta)	--	0.0001	ND
Endosulfan Sulfate	--	0.0001	ND
Endrin	0.002	0.0002	ND
Endrin Aldehyde	--	0.0001	ND
EPTC	--	0.0001	ND
Fluoranthene	--	0.0001	ND
Fluorene	--	0.00005	ND
gamma-Chlordane	--	0.00005	ND
Heptachlor	0.0004	0.00004	ND
Hexachlorobenzene	0.001	0.00005	ND
Hexachlorocyclopentadiene	0.05	0.00005	ND
Indeno(1,2,3,-cd)Pyrene	--	0.00005	ND
Isophorone	--	0.0005	ND
Malathion	--	0.0001	ND
Methoxychlor	0.04	0.0001	ND
Metolachlor	--	0.00005	ND
Metribuzin	--	0.00005	ND
Molinate	--	0.0001	ND
Naphthalene	0.3	0.0003	ND
Parathion	--	0.0001	ND
Pendimethalin	--	0.0001	ND
Permethrin (mixed isomers)	--	0.0002	ND
Phenanthrene	--	0.00004	ND
Propachlor	--	0.00005	ND
Pyrene	--	0.00005	ND

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ORGANIC COMPOUNDS			
EPA 525.2			
Simazine	0.004	0.00005	ND
Terbacil	--	0.0001	ND
Terbutylazine	--	0.0001	ND
Thiobencarb	--	0.0002	ND
trans-Nonachlor	--	0.00005	ND
Trifluralin	--	0.0001	ND
EPA 531.2			
3-Hydroxycarbofuran	--	0.0005	ND
Aldicarb	0.003	0.0005	ND
Aldicarb Sulfone	0.003	0.0005	ND
Aldicarb Sulfoxide	0.004	0.0005	ND
Baygon	--	0.0005	ND
Carbaryl	--	0.0005	ND
Carbofuran	0.04	0.0005	ND
Methiocarb	--	0.0005	ND
Methomyl	--	0.0005	ND
Oxamyl	0.2	0.0005	ND
EPA 547			
Glyphosate	0.7	0.006	ND
EPA 548.1			
Endothall	0.1	0.005	ND
EPA 549.2			
Diquat	0.02	0.0004	ND
Paraquat	--	0.002	ND
DISINFECTION BYPRODUCTS			
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Chlorodibromomethane	--	0.0005	ND
Chloroform	--	0.0005	ND
Total Trihalomethanes	0.080 (CA 0.010)	0.0005	ND
Total Haloacetic Acids (HAA5)	0.06	0.002	ND
MISCELLANEOUS			
Perchlorate	0.002	0.002	ND

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