

PATUXENT WATER FILTRATION PLANT TAP WATER ANALYSIS – 2002

PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
<u>PHYSICAL</u>					
Alkalinity	mg/L	36	38	34	
Color	Units	0	2	1	
Dissolved Solids, Total	mg/L	118	123	111	
Hardness	mg/L	67	76	63	
pH	Units	8.2	8.4	8.0	
Specific Conductance	µ Siemens @25 ° C	172	179	161	
Temperature	° C	17.8	28.0	9.1	
Threshold Odor	Units	1.3	1.3	1.2	
Turbidity	NTU	0.06	0.08	0.05	TT
<u>METALS</u>					
Aluminum	µ g/L	38	54	27	
Antimony	µ g/L	<2	<2	n/d	6
Arsenic	µ g/L	n/d	<2	n/d	10
Barium	µ g/L	21	22	19	2000
Beryllium	µ g/L	n/d	n/d	n/d	4
Cadmium	µ g/L	n/d	n/d	n/d	5
Calcium	mg/L	18.9	22.1	16.6	
Chromium	µ g/L	5	10	<2	100
Copper	µ g/L	17	40	5	1300
Iron	µ g/L	10	48	n/d	
Lead	µ g/L	n/d	n/d	n/d	15
Magnesium	mg/L	4.5	4.8	4.3	
Manganese	µ g/L	1	3	1	
Mercury	µ g/L	n/d	0.3	n/d	2
Nickel	µ g/L	1	1	n/d	
Potassium	mg/L	2.7	3.0	2.5	
Selenium	µ g/L	<2	2.0	<2	50
Silicon	mg/L	2.4	3.0	2.0	
Silver	µ g/L	n/d	2.0	n/d	
Sodium	mg/L	9.0	10.3	7.6	
Thallium	µ g/L	n/d	<1	n/d	2
<u>INORGANICS</u>					
Boron	mg/L	0.011	0.017	0.008	
Chloride	mg/L	22.6	24.3	19.6	
Chlorine	mg/L	1.9	2.1	1.8	
Fluoride	mg/L	1.05	1.17	0.96	4
Nitrate as Nitrogen	mg/L	0.76	1.26	0.32	10
Nitrite as Nitrogen	mg/L	<0.02	<0.02	n/d	1
Phosphorus	mg/L	0.01	0.03	n/d	
Sulfate	mg/L	12.5	17.9	9.3	
<u>BACTERIOLOGICAL (DISTRIBUTION SYSTEM)</u>					
% of Samples Total Coliform Positive		0.18	0.48	0.00	5
E. Coli Positive (4,829 samples)		<1	<1	0	

Revised 2/28/03

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PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
<u>DISINFECTION BYPRODUCTS¹ & PRECURSOR</u>					
Haloacetic Acids, Total	μ g/L	41.4	65.7	29.4	60 ¹
Organic Carbon, Total	mg/L	1.83	2.62	1.39	
Trihalomethanes, Total	μ g/L	65.7	122.8	36.8	80 ¹
<u>PESTICIDES & SYNTHETIC ORGANIC CONTAMINANTS (SOC)</u>					
2,3,7,8-TCDD (dioxin)	pg/L	n/d	n/d	n/d	30
2,4,5 TP (Silvex)	μ g/L	n/d	n/d	n/d	50
2,4-D	μ g/L	<0.5	0.83	n/d	70
2,4-Hydroxycarbofuran	μ g/L	n/d	n/d	n/d	
3-Hydroxycarbofuran	μ g/L	n/d	n/d	n/d	
4,4'-DDD	μ g/L	n/d	n/d	n/d	
4,4'-DDE	μ g/L	n/d	n/d	n/d	
4,4'-DDT	μ g/L	n/d	n/d	n/d	
Acenaphthylene	μ g/L	n/d	n/d	n/d	
Alachlor	μ g/L	n/d	n/d	n/d	2
Aldicarb	μ g/L	n/d	n/d	n/d	3
Aldicarb sulfone	μ g/L	n/d	n/d	n/d	2
Aldicarb sulfoxide	μ g/L	n/d	n/d	n/d	4
Aldrin	μ g/L	n/d	n/d	n/d	
α-BHC	μ g/L	n/d	n/d	n/d	
α-Chlordane	μ g/L	n/d	n/d	n/d	
Anthracene	μ g/L	n/d	n/d	n/d	
Atrazine	μ g/L	<0.2	1.0	n/d	3
Benzo(a)anthracene	μ g/L	n/d	n/d	n/d	
Benzo(a)pyrene	μ g/L	n/d	n/d	n/d	0.2
Benzo(b)fluoranthene	μ g/L	n/d	n/d	n/d	
Benzo(g,h)perylene	μ g/L	n/d	n/d	n/d	
Benzo(k)fluoranthene	μ g/L	n/d	n/d	n/d	
β-BHC	μ g/L	n/d	n/d	n/d	
Butachlor	μ g/L	n/d	n/d	n/d	
Butylbenzylphthalate	μ g/L	n/d	n/d	n/d	
Carbaryl	μ g/L	n/d	n/d	n/d	
Carbofuran	μ g/L	n/d	n/d	n/d	40
Chlorinated biphenyls (PCBs)	μ g/L	n/d	n/d	n/d	0.5
Chlordane	μ g/L	n/d	n/d	n/d	2
Chrysene	μ g/L	n/d	n/d	n/d	
Dalapon	μ g/L	<0.3	<0.3	n/d	200
DBCP	μ g/L	0.06	0.1	n/d	0.2
δ-BHC	μ g/L	n/d	n/d	n/d	
Di(2-ethylhexyl)adipate	μ g/L	n/d	n/d	n/d	400
Di(2-ethylhexyl)phthalate	μ g/L	0.84	5.45	n/d	6
Dibenzo(a,h)anthracene	μ g/L	n/d	n/d	n/d	
Dicamba	μ g/L	n/d	n/d	n/d	
Dieldrin	μ g/L	n/d	n/d	n/d	
Diethylphthalate	μ g/L	n/d	n/d	n/d	
Dimethylphthalate	μ g/L	n/d	n/d	n/d	
Di-n-butylphthalate	μ g/L	n/d	n/d	n/d	
Dinoseb	μ g/L	n/d	n/d	n/d	7

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PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
PESTICIDES & SOCs (continued)					
Diquat	μ g/L	n/d	n/d	n/d	20
1,2-Dibromoethane (EDB)	μ g/L	n/d	n/d	n/d	0.05
Endosulfan I	μ g/L	n/d	n/d	n/d	
Endosulfan II	μ g/L	n/d	n/d	n/d	
Endosulfan Sulfate	μ g/L	n/d	n/d	n/d	
Endothall	μ g/L	n/d	n/d	n/d	100
Endrin	μ g/L	n/d	n/d	n/d	2
Endrin Aldehyde	μ g/L	n/d	n/d	n/d	
Fluorene	μ g/L	n/d	n/d	n/d	
γ-Chlordane	μ g/L	n/d	n/d	n/d	
Glyphosate	μ g/L	n/d	n/d	n/d	700
Heptachlor	μ g/L	n/d	n/d	n/d	0.4
Heptachlor Epoxide	μ g/L	n/d	n/d	n/d	0.2
Hexachlorobenzene	μ g/L	n/d	n/d	n/d	1
Hexachlorocyclopentadiene	μ g/L	n/d	n/d	n/d	50
Indeno(1,2,3-cd)pyrene	μ g/L	n/d	n/d	n/d	
Isophorone	μ g/L	n/d	n/d	n/d	
Lindane	μ g/L	n/d	n/d	n/d	0.2
Methomyl	μ g/L	n/d	n/d	n/d	
Methoxychlor	μ g/L	n/d	n/d	n/d	40
Metolachlor	μ g/L	n/d	n/d	n/d	
Metribuzin	μ g/L	n/d	n/d	n/d	
Oxamyl (vydate)	μ g/L	n/d	n/d	n/d	200
Pentachlorophenol	μ g/L	n/d	n/d	n/d	1
Phenanthrene	μ g/L	n/d	n/d	n/d	
Picloram	μ g/L	n/d	n/d	n/d	500
Propachlor	μ g/L	n/d	n/d	n/d	
Pyrene	μ g/L	n/d	n/d	n/d	
Simazine	μ g/L	n/d	n/d	n/d	4
Toxaphene	μ g/L	n/d	n/d	n/d	3
VOLATILE ORGANIC CONTAMINANTS (VOC)					
1,1,1,2-Tetrachloroethane	μ g/L	<0.5	<0.5	n/d	
1,1,1-Trichloroethane	μ g/L	<0.5	<0.5	n/d	200
1,1,2,2-Tetrachloroethane	μ g/L	<0.5	<0.5	n/d	
1,1,2-Trichloroethane	μ g/L	<0.5	<0.5	n/d	5
1,1-Dichloroethane	μ g/L	n/d	n/d	n/d	
1,1-Dichloroethene	μ g/L	<0.5	<0.5	n/d	7
1,1-Dichloropropene	μ g/L	<0.5	<0.5	n/d	
1,2,3-Trichlorobenzene	μ g/L	<0.5	<0.5	n/d	
1,2,3-Trichloropropane	μ g/L	<0.5	<0.5	n/d	
1,2,4-Trichlorobenzene	μ g/L	<0.5	<0.5	<0.5	70
1,2,4-Trimethylbenzene	μ g/L	<0.5	<0.5	n/d	
1,2-Dibromo-3-chloropropane	μ g/L	<0.5	<0.5	n/d	
1,2-Dibromoethane	μ g/L	<0.5	<0.5	n/d	
o-Dichlorobenzene	μ g/L	<0.5	<0.5	n/d	600
1,2-Dichloroethane	μ g/L	<0.5	<0.5	n/d	5
1,2-Dichloropropane	μ g/L	<0.5	<0.5	n/d	5

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VOCs (continued)					
1,3,5-Trimethylbenzene	μ g/L	<0.5	<0.5	n/d	
m-Dichlorobenzene	μ g/L	<0.5	<0.5	n/d	
1,3-Dichloropropane	μ g/L	<0.5	<0.5	n/d	
p-Dichlorobenzene	μ g/L	<0.5	<0.5	n/d	75
2,2-Dichloropropane	μ g/L	<0.5	<0.5	n/d	
2-Chlorotoluene	μ g/L	<0.5	<0.5	n/d	
4-Chlorotoluene	μ g/L	<0.5	<0.5	n/d	
Benzene	μ g/L	<0.5	<0.5	n/d	5
Bromobenzene	μ g/L	<0.5	<0.5	n/d	
Bromochloromethane	μ g/L	<0.5	<0.5	n/d	
Bromomethane	μ g/L	<0.5	<0.5	n/d	
Carbon Tetrachloride	μ g/L	<0.5	<0.5	n/d	5
Chlorobenzene	μ g/L	<0.5	<0.5	n/d	100
Chloroethane	μ g/L	<0.5	<0.5	n/d	
Chloromethane	μ g/L	<0.5	<0.5	n/d	
Cis-1,2-Dichloroethene	μ g/L	<0.5	<0.5	n/d	70
Cis-1,3-Dichloropropene	μ g/L	<0.5	<0.5	n/d	
Dibromomethane	μ g/L	<0.5	<0.5	n/d	5
Dichlorodifluoromethane	μ g/L	<0.5	<0.5	n/d	
Dichloromethane	μ g/L	<0.5	<0.5	n/d	
Ethylbenzene	μ g/L	<0.5	<0.5	n/d	700
Hexachlorobutadiene	μ g/L	n/d	n/d	n/d	
Isopropylbenzene	μ g/L	<0.5	<0.5	n/d	
n-Butylbenzene	μ g/L	<0.5	<0.5	n/d	
n-Propylbenzene	μ g/L	<0.5	<0.5	n/d	
Naphthalene	μ g/L	<0.5	<0.5	n/d	
Total Xylenes	μ g/L	<0.5	<0.5	n/d	10000
p-Isopropyltoluene	μ g/L	<0.5	<0.5	n/d	
s-Butylbenzene	μ g/L	<0.5	<0.5	n/d	
Styrene	μ g/L	<0.5	<0.5	n/d	100
t-Butylbenzene	μ g/L	<0.5	<0.5	n/d	
Tetrachloroethene	μ g/L	<0.5	<0.5	n/d	
Toluene	μ g/L	<0.5	<0.5	n/d	1000
Trans-1,2-Dichloroethene	μ g/L	<0.5	<0.5	n/d	
Trans-1,3-Dichloropropene	μ g/L	<0.5	<0.5	n/d	
Trichloroethene	μ g/L	<0.5	<0.5	n/d	
Trichlorofluoromethane	μ g/L	<0.5	<0.5	n/d	
Vinyl Chloride	μ g/L	<0.5	<0.5	n/d	2
<u>RADIONUCLIDES²</u>					
Gross Alpha	pCi/L	<1	1	<1	15
Gross Beta	pCi/L	<3.3	4	<3	50
Tritium	pCi/L	<300	<300	<300	

Revised 2/28/03

PATUXENT WATER FILTRATION PLANT TAP WATER ANALYSIS - 2002

NOTES:

NTU = Nephelometric Turbidity Units (Combined average filter effluent)

° C = Degrees Celcius

mg/L = Milligrams per Liter (equals parts per million)

µg/L = Micrograms per Liter (equals parts per billion)

pg/L = Picograms per Liter (equals parts per quadrillion)

pCi/L = Picocuries per Liter

n/d = Not Detected

¹ Total HAA & THM limits based on a running yearly average in the distribution system

² Radionuclides are monitored by the Maryland Department of the Environment

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PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
<u>PHYSICAL</u>					
Alkalinity	mg/L	83	110	63	
Color	Units	1	1	0	
Dissolved Solids, Total	mg/L	327	328	321	
Hardness	mg/L	132	167	95	
pH	Units	7.5	7.5	7.5	
Specific Conductance	µSiemens @25 ° C	473	474	465	
Temperature	° C	17.7	29.9	5.2	
Threshold Odor	Units	1.0	1.0	1.0	
Turbidity	NTU	0.06	0.07	0.04	TT
<u>METALS</u>					
Aluminum	µ g/L	129	338	29	
Antimony	µ g/L	<2	<2	n/d	6
Arsenic	µ g/L	n/d	2	n/d	10
Barium	µ g/L	32	36	28	2000
Beryllium	µ g/L	n/d	n/d	n/d	4
Cadmium	µ g/L	n/d	n/d	n/d	5
Calcium	mg/L	38.2	46.7	32.1	
Chromium	µ g/L	4	10	1	100
Copper	µ g/L	4	5	2	1300
Iron	µ g/L	15	58	n/d	
Lead	µ g/L	n/d	n/d	n/d	15
Magnesium	mg/L	8.9	11.3	6.0	
Manganese	µ g/L	2	5	1	
Mercury	µ g/L	n/d	0.2	n/d	2
Nickel	µ g/L	2	3	1	
Potassium	mg/L	3.2	4.4	2.5	
Selenium	µ g/L	<2	3.4	<2	50
Silicon	mg/L	2.3	4.0	0.5	
Silver	µ g/L	n/d	2	n/d	
Sodium	mg/L	19.0	33.6	11.1	
Thallium	µ g/L	n/d	<1	n/d	2
<u>INORGANICS</u>					
Boron	mg/L	0.030	0.044	0.019	
Chloride	mg/L	36.5	60.0	26.2	
Chlorine	mg/L	3.3	3.7	3.0	
Fluoride	mg/L	1.01	1.13	0.92	4
Nitrate as Nitrogen	mg/L	1.42	2.51	0.24	10
Nitrite as Nitrogen	mg/L	<0.02	<0.02	n/d	1
Phosphorus	mg/L	0.03	0.21	n/d	
Sulfate	mg/L	43.9	73.7	17.4	
<u>BACTERIOLOGICAL (DISTRIBUTION SYSTEM)</u>					
% of Samples Total Coliform Positive		0.18	0.48	0.00	5
E. Coli Positive (4,829 samples)		<1	<1	0	

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PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
<u>DISINFECTION BYPRODUCTS¹ & PRECURSOR</u>					
Haloacetic Acids, Total	μ g/L	41.4	65.7	29.4	60 ¹
Organic Carbon, Total	mg/L	2.17	2.74	1.62	
Trihalomethanes, Total	μ g/L	65.7	122.8	36.8	80 ¹
<u>PESTICIDES & SYNTHETIC ORGANIC CONTAMINANTS (SOC)</u>					
2,3,7,8-TCDD (dioxin)	pg/L	n/d	n/d	n/d	30
2,4,5 TP (Silvex)	μ g/L	n/d	n/d	n/d	50
2,4-D	μ g/L	0.97	2.51	n/d	70
2,4-Hydroxycarbofuran	μ g/L	n/d	n/d	n/d	
3-Hydroxycarbofuran	μ g/L	n/d	n/d	n/d	
4,4'-DDD	μ g/L	n/d	n/d	n/d	
4,4'-DDE	μ g/L	n/d	n/d	n/d	
4,4'-DDT	μ g/L	n/d	n/d	n/d	
Acenaphthylene	μ g/L	n/d	n/d	n/d	
Alachlor	μ g/L	n/d	n/d	n/d	2
Aldicarb	μ g/L	n/d	n/d	n/d	3
Aldicarb sulfone	μ g/L	n/d	n/d	n/d	2
Aldicarb sulfoxide	μ g/L	n/d	n/d	n/d	4
Aldrin	μ g/L	n/d	n/d	n/d	
α-BHC	μ g/L	n/d	n/d	n/d	
α-Chlordane	μ g/L	n/d	n/d	n/d	
Anthracene	μ g/L	n/d	n/d	n/d	
Atrazine	μ g/L	<0.2	1.0	n/d	3
Benzo(a)anthracene	μ g/L	n/d	n/d	n/d	
Benzo(a)pyrene	μ g/L	n/d	n/d	n/d	0.2
Benzo(b)fluoranthene	μ g/L	n/d	n/d	n/d	
Benzo(g,h)perylene	μ g/L	n/d	n/d	n/d	
Benzo(k)fluoranthene	μ g/L	n/d	n/d	n/d	
β-BHC	μ g/L	n/d	n/d	n/d	
Butachlor	μ g/L	n/d	n/d	n/d	
Butylbenzylphthalate	μ g/L	n/d	n/d	n/d	
Carbaryl	μ g/L	n/d	n/d	n/d	
Carbofuran	μ g/L	n/d	n/d	n/d	40
Chlorinated biphenyls (PCBs)	μ g/L	n/d	n/d	n/d	0.5
Chlordane	μ g/L	n/d	n/d	n/d	2
Chrysene	μ g/L	n/d	n/d	n/d	
Dalapon	μ g/L	<0.3	0.31	n/d	200
DBCP	μ g/L	n/d	n/d	n/d	0.2
δ-BHC	μ g/L	n/d	n/d	n/d	
Di(2-ethylhexyl)adipate	μ g/L	<0.5	1.49	n/d	400
Di(2-ethylhexyl)phthalate	μ g/L	0.83	2.99	n/d	6
Dibenzo(a,h)anthracene	μ g/L	n/d	n/d	n/d	
Dicamba	μ g/L	<0.5	0.69	n/d	
Dieldrin	μ g/L	n/d	n/d	n/d	
Diethylphthalate	μ g/L	n/d	n/d	n/d	
Dimethylphthalate	μ g/L	n/d	n/d	n/d	
Di-n-butylphthalate	μ g/L	n/d	n/d	n/d	

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PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
PESTICIDES & SOCs (continued)					
Dinoseb	µ g/L	<0.5	0.71	n/d	7
Diquat	µ g/L	n/d	n/d	n/d	20
1,2-Dibromoethane (EDB)	µ g/L	n/d	n/d	n/d	0.05
Endosulfan I	µ g/L	n/d	n/d	n/d	
Endosulfan II	µ g/L	n/d	n/d	n/d	
Endosulfan Sulfate	µ g/L	n/d	n/d	n/d	
Endothall	µ g/L	n/d	n/d	n/d	100
Endrin	µ g/L	n/d	n/d	n/d	2
Endrin Aldehyde	µ g/L	n/d	n/d	n/d	
Fluorene	µ g/L	n/d	n/d	n/d	
γ-Chlordane	µ g/L	n/d	n/d	n/d	
Glyphosate	µ g/L	n/d	n/d	n/d	700
Heptachlor	µ g/L	n/d	n/d	n/d	0.4
Heptachlor Epoxide	µ g/L	n/d	n/d	n/d	0.2
Hexachlorobenzene	µ g/L	n/d	n/d	n/d	1
Hexachlorocyclopentadiene	µ g/L	n/d	n/d	n/d	50
Indeno(1,2,3-cd)pyrene	µ g/L	n/d	n/d	n/d	
Isophorone	µ g/L	n/d	n/d	n/d	
Lindane	µ g/L	n/d	n/d	n/d	0.2
Methomyl	µ g/L	n/d	n/d	n/d	
Methoxychlor	µ g/L	<0.5	1.0	n/d	40
Metolachlor	µ g/L	n/d	n/d	n/d	
Metribuzin	µ g/L	n/d	n/d	n/d	
Oxamyl (vydate)	µ g/L	n/d	n/d	n/d	200
Pentachlorophenol	µ g/L	n/d	n/d	n/d	1
Phenanthrene	µ g/L	n/d	n/d	n/d	
Picloram	µ g/L	n/d	n/d	n/d	500
Propachlor	µ g/L	n/d	n/d	n/d	
Pyrene	µ g/L	n/d	n/d	n/d	
Simazine	µ g/L	n/d	n/d	n/d	4
Toxaphene	µ g/L	n/d	n/d	n/d	3
VOLATILE ORGANIC CONTAMINANTS (VOC)					
1,1,1,2-Tetrachloroethane	µ g/L	<0.5	<0.5	n/d	
1,1,1-Trichloroethane	µ g/L	n/d	n/d	n/d	200
1,1,2,2-Tetrachloroethane	µ g/L	<0.5	<0.5	n/d	
1,1,2-Trichloroethane	µ g/L	<0.5	<0.5	n/d	5
1,1-Dichloroethane	µ g/L	n/d	n/d	n/d	
1,1-Dichloroethene	µ g/L	<0.5	<0.5	n/d	7
1,1-Dichloropropene	µ g/L	<0.5	<0.5	n/d	
1,2,3-Trichlorobenzene	µ g/L	<0.5	<0.5	n/d	
1,2,3-Trichloropropane	µ g/L	<0.5	<0.5	n/d	
1,2,4-Trichlorobenzene	µ g/L	<0.5	<0.5	n/d	70
1,2,4-Trimethylbenzene	µ g/L	<0.5	<0.5	n/d	
1,2-Dibromo-3-chloropropane	µ g/L	<0.5	<0.5	n/d	
1,2-Dibromoethane	µ g/L	<0.5	<0.5	n/d	
o-Dichlorobenzene	µ g/L	<0.5	<0.5	n/d	600
1,2-Dichloroethane	µ g/L	<0.5	<0.5	n/d	5

POTOMAC WATER FILTRATION PLANT TAP WATER ANALYSIS – 2002

PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
VOCs (continued)					
1,2-Dichloropropane	μ g/L	<0.5	<0.5	n/d	5
1,3,5-Trimethylbenzene	μ g/L	<0.5	<0.5	n/d	
m-Dichlorobenzene	μ g/L	<0.5	<0.5	n/d	
1,3-Dichloropropane	μ g/L	<0.5	<0.5	n/d	
p-Dichlorobenzene	μ g/L	<0.5	<0.5	n/d	75
2,2-Dichloropropane	μ g/L	<0.5	<0.5	n/d	
2-Chlorotoluene	μ g/L	<0.5	<0.5	n/d	
4-Chlorotoluene	μ g/L	<0.5	<0.5	n/d	
Benzene	μ g/L	<0.5	<0.5	n/d	5
Bromobenzene	μ g/L	<0.5	<0.5	n/d	
Bromochloromethane	μ g/L	<0.5	<0.5	n/d	
Bromomethane	μ g/L	<0.5	<0.5	n/d	
Carbon Tetrachloride	μ g/L	<0.5	<0.5	n/d	5
Chlorobenzene	μ g/L	<0.5	<0.5	n/d	100
Chloroethane	μ g/L	<0.5	<0.5	n/d	
Chloromethane	μ g/L	<0.5	6.3	n/d	
Cis-1,2-Dichloroethene	μ g/L	n/d	n/d	n/d	70
Cis-1,3-Dichloropropene	μ g/L	<0.5	<0.5	n/d	
Dibromomethane	μ g/L	<0.5	<0.5	n/d	5
Dichlorodifluoromethane	μ g/L	<0.5	<0.5	n/d	
Dichloromethane	μ g/L	<0.5	<0.5	n/d	
Ethylbenzene	μ g/L	n/d	n/d	n/d	700
Hexachlorobutadiene	μ g/L	<0.5	<0.5	n/d	
Isopropylbenzene	μ g/L	<0.5	<0.5	n/d	
n-Butylbenzene	μ g/L	<0.5	<0.5	n/d	
n-Propylbenzene	μ g/L	<0.5	<0.5	n/d	
Naphthalene	μ g/L	<0.5	<0.5	n/d	
Total Xylenes	μ g/L	<0.5	<0.5	n/d	10000
p-Isopropyltoluene	μ g/L	<0.5	<0.5	n/d	
s-Butylbenzene	μ g/L	<0.5	<0.5	n/d	
Styrene	μ g/L	n/d	n/d	n/d	100
t-Butylbenzene	μ g/L	<0.5	<0.5	n/d	
Tetrachloroethene	μ g/L	<0.5	<0.5	n/d	
Toluene	μ g/L	<0.5	<0.5	n/d	1000
Trans-1,2-Dichloroethene	μ g/L	<0.5	<0.5	n/d	
Trans-1,3-Dichloropropene	μ g/L	<0.5	<0.5	n/d	
Trichloroethene	μ g/L	<0.5	<0.5	n/d	
Trichlorofluoromethane	μ g/L	<0.5	<0.5	n/d	
Vinyl Chloride	μ g/L	<0.5	<0.5	n/d	2
<u>RADIONUCLIDES²</u>					
Gross Alpha	pCi/L	<1.6	3	1	15
Gross Beta	pCi/L	3.5	4	3	50
Tritium	pCi/L	<300	<300	<300	

Revised 2/28/03

POTOMAC WATER FILTRATION PLANT TAP WATER ANALYSIS – 2002

NOTES:

NTU = Nephelometric Turbidity Units (Combined average filter effluent)

° C = Degrees Celcius

mg/L = Milligrams per Liter (equals parts per million)

µg/L = Micrograms per Liter (equals parts per billion)

pg/L = Picograms per Liter (equals parts per quadrillion)

pCi/L = Picocuries per Liter

n/d = Not Detected

¹ Total HAA & THM limits based on a running yearly average in the distribution system

² Radionuclides are monitored by the Maryland Department of the Environment