

Revised 2/7/01

## PATUXENT WATER FILTRATION PLANT TAP WATER ANALYSIS – 2000

PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
<b><u>PHYSICAL</u></b>					
Alkalinity	mg/L	35	40	28	
Color	Units	0	0	0	
Dissolved Solids, Total	mg/L	128	139	117	
Hardness	mg/L	64	71	59	
pH	Units	8.4	8.4	8.3	
Specific Conductance	µ Siemens @25 ° C	187	202	171	
Temperature	° C	17.9	25.1	9.8	
Threshold Odor	Units	1.0	1.2	1.0	
Turbidity	NTU	0.06	0.07	0.05	TT
<b><u>METALS</u></b>					
Aluminum	µ g/L	34	45	21	
Antimony	µ g/L	0.2	1.1	0.1	6
Arsenic	µ g/L	n/d	n/d	n/d	50
Barium	µ g/L	22	24	19	2000
Beryllium	µ g/L	n/d	0.1	n/d	4
Cadmium	µ g/L	n/d	n/d	n/d	5
Calcium	mg/L	16.6	20.0	15.2	
Chromium	µ g/L	5	16	n/d	100
Copper	µ g/L	21	41	8	1300
Iron	µ g/L	22	70	10	
Lead	µ g/L	n/d	n/d	n/d	15
Magnesium	mg/L	3.9	4.4	3.4	
Manganese	µ g/L	1	2	n/d	
Mercury	µ g/L	n/d	0.1	n/d	2
Nickel	µ g/L	1	2	n/d	
Potassium	mg/L	2.4	2.7	2.0	
Selenium	µ g/L	0.4	1.0	n/d	50
Silicon	mg/L	2.4	3.9	1.3	
Silver	µ g/L	n/d	n/d	n/d	
Sodium	mg/L	7.2	8.7	2.8	
Thallium	µ g/L	0.1	0.5	n/d	2
Zinc	µ g/L	1	8	n/d	
<b><u>INORGANICS</u></b>					
Boron	mg/L	0.012	0.017	0.007	
Chloride	mg/L	23.1	32.5	19.0	
Chlorine	mg/L	1.8	1.9	1.6	
Fluoride	mg/L	0.90	0.95	0.84	4
Nitrate as Nitrogen	mg/L	0.94	1.41	0.57	10
Nitrite as Nitrogen	mg/L	n/d	0.001	n/d	1
Phosphorus	mg/L	0.03	0.06	0.02	
Sulfate	mg/L	10.5	15.4	6.6	
<b><u>BACTERIOLOGICAL (DISTRIBUTION SYSTEM)</u></b>					
% of Samples Total Coliform Positive		0.15	0.80	0.00	5

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<b>DISINFECTION BYPRODUCTS<sup>1</sup> &amp; PRECURSOR</b>					
Haloacetic Acids, Total	μ g/L	44.3	58.1	26.6	60 <sup>1</sup>
Organic Carbon, Total	mg/L	1.53	1.95	1.21	
Trihalomethanes, Total	μ g/L	56.0	114.1	26.4	80 <sup>1</sup>
<b>PESTICIDES &amp; SYNTHETIC ORGANIC CONTAMINANTS (SOC)</b>					
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	n/d	n/d	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	0.04	0.10	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	n/d	n/d	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	n/d	n/d	n/d	400
Di(2-ethylhexyl)phthalate	μ g/L	0.28	1.10	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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<b>PESTICIDES &amp; SOCs (continued)</b>					
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	0.02	0.07	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	0.05	0.10	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	n/d	n/d	n/d	
1,1,1-Trichloroethane	μ g/L	n/d	n/d	n/d	200
1,1,2,2-Tetrachloroethane	μ g/L	n/d	n/d	n/d	
1,1,2-Trichloroethane	μ g/L	n/d	n/d	n/d	5
1,1-Dichloroethane	μ g/L	n/d	n/d	n/d	
1,1-Dichloroethene	μ g/L	n/d	n/d	n/d	7
1,1-Dichloropropene	μ g/L	n/d	n/d	n/d	
1,2,3-Trichlorobenzene	μ g/L	<0.1	0.4	n/d	
1,2,3-Trichloropropane	μ g/L	<0.1	0.1	n/d	
1,2,4-Trichlorobenzene	μ g/L	<0.1	0.1	n/d	70
1,2,4-Trimethylbenzene	μ g/L	<0.1	0.1	n/d	
1,2-Dibromo-3-chloropropane	μ g/L	0.1	0.2	n/d	
1,2-Dibromoethane	μ g/L	n/d	n/d	n/d	
o-Dichlorobenzene	μ g/L	<0.1	0.1	n/d	600
1,2-Dichloroethane	μ g/L	n/d	n/d	n/d	5
1,2-Dichloropropane	μ g/L	n/d	n/d	n/d	5

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<b>VOCs (continued)</b>					
1,3,5-Trimethylbenzene	μ g/L	<0.1	0.1	n/d	
m-Dichlorobenzene	μ g/L	<0.1	0.1	n/d	
1,3-Dichloropropane	μ g/L	n/d	n/d	n/d	
p-Dichlorobenzene	μ g/L	<0.1	0.1	n/d	75
2,2-Dichloropropane	μ g/L	n/d	n/d	n/d	
2-Chlorotoluene	μ g/L	<0.1	0.1	n/d	
4-Chlorotoluene	μ g/L	<0.1	0.1	n/d	
Benzene	μ g/L	<0.1	0.1	n/d	5
Bromobenzene	μ g/L	n/d	n/d	n/d	
Bromochloromethane	μ g/L	<0.1	0.3	n/d	
Bromomethane	μ g/L	<0.1	0.1	n/d	
Carbon Tetrachloride	μ g/L	<0.1	0.1	n/d	5
Chlorobenzene	μ g/L	n/d	n/d	n/d	100
Chloroethane	μ g/L	<0.1	0.1	n/d	
Chloromethane	μ g/L	0.1	0.2	n/d	
cis-1,2-Dichloroethene	μ g/L	n/d	n/d	n/d	70
Cis-1,3-Dichloropropene	μ g/L	n/d	n/d	n/d	
Dibromomethane	μ g/L	<0.1	0.1	n/d	5
Dichlorodifluoromethane	μ g/L	n/d	n/d	n/d	
Dichloromethane	μ g/L	<0.1	0.1	n/d	
Ethylbenzene	μ g/L	n/d	n/d	n/d	700
Hexachlorobutadiene	μ g/L	<0.1	0.3	n/d	
Isopropylbenzene	μ g/L	n/d	n/d	n/d	
n-Butylbenzene	μ g/L	<0.1	0.1	n/d	
n-Propylbenzene	μ g/L	<0.1	0.1	n/d	
Naphthalene	μ g/L	<0.1	0.1	n/d	
Total Xylenes	μ g/L	<0.1	0.1	n/d	10000
p-Isopropyltoluene	μ g/L	<0.1	0.1	n/d	
s-Butylbenzene	μ g/L	<0.1	0.1	n/d	
Styrene	μ g/L	n/d	n/d	n/d	100
t-Butylbenzene	μ g/L	n/d	n/d	n/d	
Tetrachloroethene	μ g/L	n/d	n/d	n/d	
Toluene	μ g/L	<0.1	0.1	n/d	1000
Trans-1,2-Dichloroethene	μ g/L	n/d	n/d	n/d	
Trans-1,3-Dichloropropene	μ g/L	<0.1	0.1	n/d	
Trichloroethene	μ g/L	<0.1	0.1	n/d	
Trichlorofluoromethane	μ g/L	n/d	n/d	n/d	
Vinyl Chloride	μ g/L	n/d	n/d	n/d	2
<b><u>RADIONUCLIDES</u><sup>2</sup></b>					
Gross Alpha	pCi/L	<1.3	<2	<1.0	15
Gross Beta	pCi/L	<2.3	3	<1.0	50
Tritium	pCi/L	<300	<300	<300	

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## **PATUXENT WATER FILTRATION PLANT TAP WATER ANALYSIS - 2000**

### **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

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

<sup>2</sup> Radionuclides are monitored by the Maryland Department of the Environmen

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PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
<b><u>PHYSICAL</u></b>					
Alkalinity	mg/L	82	106	59	
Color	Units	0	1	0	
Dissolved Solids, Total	mg/L	234	272	190	
Hardness	mg/L	130	163	103	
pH	Units	7.5	7.6	7.5	
Specific Conductance	µSiemens @25 ° C	336	391	272	
Temperature	° C	15.6	25.6	4.2	
Threshold Odor	Units	1.2	1.2	1.0	
Turbidity	NTU	0.06	0.07	0.05	TT
<b><u>METALS</u></b>					
Aluminum	µ g/L	102	185	33	
Antimony	µ g/L	0.2	0.8	0.1	6
Arsenic	µ g/L	n/d	1	n/d	50
Barium	µ g/L	33	37	28	2000
Beryllium	µ g/L	n/d	0.1	n/d	4
Cadmium	µ g/L	n/d	n/d	n/d	5
Calcium	mg/L	34.3	44.8	24.0	
Chromium	µ g/L	2	3	n/d	100
Copper	µ g/L	2	22	2	1300
Iron	µ g/L	13	26	5	
Lead	µ g/L	n/d	4	n/d	15
Magnesium	mg/L	7.6	10.6	5.9	
Manganese	µ g/L	3	11	n/d	
Mercury	µ g/L	n/d	0.2	n/d	2
Nickel	µ g/L	1	2	n/d	
Potassium	mg/L	2.9	3.8	2.2	
Selenium	µ g/L	0.5	0.8	n/d	50
Silicon	mg/L	2.7	3.3	1.2	
Silver	µ g/L	n/d	n/d	n/d	
Sodium	mg/L	13.1	21.6	6.0	
Thallium	µ g/L	0.1	0.4	n/d	2
Zinc	µ g/L	1	4	n/d	
<b><u>INORGANICS</u></b>					
Boron	mg/L	0.028	0.048	0.016	
Chloride	mg/L	33.2	48.4	25.8	
Chlorine	mg/L	3.6	4.3	3.0	
Fluoride	mg/L	0.93	0.99	0.84	4
Nitrate as Nitrogen	mg/L	1.81	2.39	1.33	10
Nitrite as Nitrogen	mg/L	n/d	0.002	n/d	1
Phosphorus	mg/L	0.03	0.06	0.01	
Sulfate	mg/L	36.5	76.0	21.0	
<b><u>BACTERIOLOGICAL (DISTRIBUTION SYSTEM)</u></b>					
% of Samples Total Coliform Positive		0.15	0.80	0.00	5

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<b><u>DISINFECTION BYPRODUCTS<sup>1</sup> &amp; PRECURSOR</u></b>					
Haloacetic Acids, Total	μ g/L	44.3	58.1	26.6	60 <sup>1</sup>
Organic Carbon, Total	mg/L	1.75	1.98	1.30	
Trihalomethanes, Total	μ g/L	56.0	114.1	26.4	80 <sup>1</sup>
<b><u>PESTICIDES &amp; SYNTHETIC ORGANIC CONTAMINANTS (SOC)</u></b>					
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	n/d	n/d	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	0.05	0.20	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	n/d	n/d	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	n/d	n/d	n/d	400
Di(2-ethylhexyl)phthalate	μ g/L	n/d	n/d	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	

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<b>PESTICIDES &amp; SOCs (continued)</b>					
Dinoseb	μ g/L	n/d	n/d	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	n/d	n/d	n/d	40
Metolachlor	μ g/L	0.02	0.09	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
<b>VOLATILE ORGANIC CONTAMINANTS (VOC)</b>					
1,1,1,2-Tetrachloroethane	μ g/L	n/d	n/d	n/d	
1,1,1-Trichloroethane	μ g/L	n/d	n/d	n/d	200
1,1,2,2-Tetrachloroethane	μ g/L	<0.1	0.1	n/d	
1,1,2-Trichloroethane	μ g/L	n/d	n/d	n/d	5
1,1-Dichloroethane	μ g/L	n/d	n/d	n/d	
1,1-Dichloroethene	μ g/L	n/d	n/d	n/d	7
1,1-Dichloropropene	μ g/L	n/d	n/d	n/d	
1,2,3-Trichlorobenzene	μ g/L	<0.1	0.1	n/d	
1,2,3-Trichloropropane	μ g/L	0.1	0.2	n/d	
1,2,4-Trichlorobenzene	μ g/L	<0.1	0.1	n/d	70
1,2,4-Trimethylbenzene	μ g/L	n/d	n/d	n/d	
1,2-Dibromo-3-chloropropane	μ g/L	0.1	0.3	n/d	
1,2-Dibromoethane	μ g/L	n/d	n/d	n/d	
o-Dichlorobenzene	μ g/L	<0.1	0.1	n/d	600
1,2-Dichloroethane	μ g/L	n/d	n/d	n/d	5



## POTOMAC WATER FILTRATION PLANT TAP WATER ANALYSIS – 2000

PARAMETER	UNIT OF MEASURE	YEARLY AVERAGE	MAXIMUM MONTHLY AVERAGE	MINIMUM MONTHLY AVERAGE	EPA LIMIT
<b>VOCs (continued)</b>					
1,2-Dichloropropane	μ g/L	n/d	n/d	n/d	5
1,3,5-Trimethylbenzene	μ g/L	n/d	n/d	n/d	
m-Dichlorobenzene	μ g/L	n/d	n/d	n/d	
1,3-Dichloropropane	μ g/L	n/d	n/d	n/d	
p-Dichlorobenzene	μ g/L	n/d	n/d	n/d	75
2,2-Dichloropropane	μ g/L	n/d	n/d	n/d	
2-Chlorotoluene	μ g/L	n/d	n/d	n/d	
4-Chlorotoluene	μ g/L	n/d	n/d	n/d	
Benzene	μ g/L	<0.1	0.1	n/d	5
Bromobenzene	μ g/L	n/d	n/d	n/d	
Bromochloromethane	μ g/L	<0.1	0.4	n/d	
Bromomethane	μ g/L	n/d	n/d	n/d	
Carbon Tetrachloride	μ g/L	<0.1	0.1	n/d	5
Chlorobenzene	μ g/L	n/d	n/d	n/d	100
Chloroethane	μ g/L	<0.1	0.1	n/d	
Chloromethane	μ g/L	0.1	0.2	n/d	
cis-1,2-Dichloroethene	μ g/L	n/d	n/d	n/d	70
Cis-1,3-Dichloropropene	μ g/L	n/d	n/d	n/d	
Dibromomethane	μ g/L	<0.1	0.1	n/d	5
Dichlorodifluoromethane	μ g/L	n/d	n/d	n/d	
Dichloromethane	μ g/L	<0.1	0.1	n/d	
Ethylbenzene	μ g/L	n/d	n/d	n/d	700
Hexachlorobutadiene	μ g/L	<0.1	0.1	n/d	
Isopropylbenzene	μ g/L	n/d	n/d	n/d	
n-Butylbenzene	μ g/L	<0.1	0.1	n/d	
n-Propylbenzene	μ g/L	n/d	n/d	n/d	
Naphthalene	μ g/L	<0.1	0.1	n/d	
Total Xylenes	μ g/L	<0.1	0.1	n/d	10000
p-Isopropyltoluene	μ g/L	n/d	n/d	n/d	
s-Butylbenzene	μ g/L	n/d	n/d	n/d	
Styrene	μ g/L	n/d	n/d	n/d	100
t-Butylbenzene	μ g/L	n/d	n/d	n/d	
Tetrachloroethene	μ g/L	n/d	n/d	n/d	
Toluene	μ g/L	<0.1	0.1	n/d	1000
Trans-1,2-Dichloroethene	μ g/L	n/d	n/d	n/d	
Trans-1,3-Dichloropropene	μ g/L	<0.1	0.1	n/d	
Trichloroethene	μ g/L	n/d	n/d	n/d	
Trichlorofluoromethane	μ g/L	n/d	n/d	n/d	
Vinyl Chloride	μ g/L	n/d	n/d	n/d	2
<b><u>RADIONUCLIDES</u><sup>2</sup></b>					
Gross Alpha	pCi/L	<1.3	1	<1.0	15
Gross Beta	pCi/L	2.8	4	<3.0	50
Tritium	pCi/L	<300	<300	<300	

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## **POTOMAC WATER FILTRATION PLANT TAP WATER ANALYSIS – 2000**

### **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

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

<sup>2</sup> Radionuclides are monitored by the Maryland Department of the Environment