

Unregulated Contaminant (µg/L)

	Location	Vanadium	Strontium	Total Chromium	Chromium-6	Chlorate	Molybdenum	Testosterone	1,4 Dioxane
3rd Quarter 2013	Potomac WFP tap ¹	0.64	170	0.24	0.16	46	ND	ND	ND
	Patuxent WFP tap ¹	ND	62	0.29	0.046	ND	ND	ND	ND
	Piscataway tap ²	0.74	170	0.34	0.21	24	ND	ND	ND
	Bowie tap ³	0.24	75	ND	0.12	ND	ND	ND	ND
4th Quarter 2013	Potomac WFP source water ⁴	0.83	160	0.26	See Note e	ND	ND	ND	ND
	Patuxent WFP source water ⁴	0.58	54	0.21	See Note e	ND	ND	ND	ND
	Potomac WFP tap ¹	0.38	160	ND	0.14	ND	ND	ND	ND
	Patuxent WFP tap ¹	ND	62	ND	0.032	ND	ND	ND	ND
	Piscataway tap ²	0.47	140	ND	0.2	40	ND	ND	ND
	Bowie tap ³	0.2	82	ND	0.1	ND	ND	ND	ND
1st Quarter 2014	Potomac WFP source water ⁴	0.24	62	ND	See Note e	40	ND	ND	ND
	Patuxent WFP source water ⁴	0.47	130	0.28	See Note e	ND	ND	ND	ND
	Potomac WFP tap ¹	ND	120	ND	0.096	44	ND	ND	ND
	Patuxent WFP tap ¹	ND	60	ND	ND	ND	ND	ND	ND
	Piscataway tap ²	ND	100	ND	0.13	25	ND	ND	ND
	Bowie tap ³	ND	76	ND	0.08	ND	ND	ND	ND
2nd Quarter 2014	Potomac WFP source water ⁴	0.69	130	0.26	See Note e	ND	ND	ND	ND
	Patuxent WFP source water ⁴	0.45	56	0.28	See Note e	ND	ND	ND	ND
	Potomac WFP tap ¹	0.25	120	ND	0.14	ND	ND	ND	ND
	Patuxent WFP tap ¹	ND	63	ND	0.054	ND	ND	ND	ND
	Piscataway tap ²	0.23	110	ND	0.17	ND	ND	ND	ND
	Bowie tap ³	ND	88	ND	0.11	ND	ND	ND	ND
Minimum Reporting Level ^a		0.2	0.3	0.2	0.03	20	1	0.0001	0.07
Published health guidance or reference levels		21 ^b	1,500 ^c	100 ^d	See Note e	210 ^b	35 ^b		3.0 ^f

Unregulated Contaminant (µg/L)

	Location	Vanadium	Strontium	Total Chromium	Chromium-6	Chlorate	Molybdenum	Testosterone	1,4 Dioxane
1st Quarter 2015	Potomac WFP tap ¹	ND	120	ND	0.085	23	ND	ND	ND
	Patuxent WFP tap ¹	ND	70	ND	0.05	ND	ND	ND	ND
	Piscataway tap ²	ND	120	0.26	0.1	23	ND	ND	ND
	Bowie tap ³	ND	120	ND	0.11	32	ND	ND	ND
2nd Quarter 2015	Potomac WFP tap ¹	0.42	120	ND	0.074	ND	ND	ND	ND
	Patuxent WFP tap ¹	ND	67	ND	0.048	ND	ND	ND	ND
	Piscataway tap ²	0.37	160	0.22	0.17	51	ND	ND	ND
	Bowie tap ³	0.25	120	0.26	0.11	23	ND	ND	ND
3rd Quarter 2015	Potomac WFP tap ¹	0.6	190	0.4	0.22	40	ND	ND	ND
	Patuxent WFP tap ¹	ND	68	ND	0.042	ND	ND	ND	ND
	Piscataway tap ²	0.65	190	0.43	0.28	41	ND	ND	ND
	Bowie tap ³	0.41	130	0.36	0.18	23	ND	ND	ND
4th Quarter 2015	Potomac WFP tap ¹	0.29	220	0.21	0.1	62	1.2	ND	ND
	Patuxent WFP tap ¹	ND	69	ND	ND	ND	ND	ND	ND
	Piscataway tap ²	0.33	220	0.39	0.22	51	ND	ND	ND
	Bowie tap ³	ND	120	0.26	0.11	ND	ND	ND	ND
1st Quarter 2016	Potomac WFP tap ¹	ND	120	0.23	0.094	22	ND	ND	ND
	Patuxent WFP tap ¹	ND	65	ND	ND	ND	ND	ND	ND
	Piscataway tap ²	ND	90	ND	0.082	ND	ND	ND	ND
	High Bridge tap ³	ND	70	ND	0.05	ND	ND	ND	ND
<i>Minimum Reporting Level^a</i>		<i>0.2</i>	<i>0.3</i>	<i>0.2</i>	<i>0.03</i>	<i>20</i>	<i>1</i>	<i>0.0001</i>	<i>0.07</i>
<i>Published health guidance or reference levels</i>		<i>21^b</i>	<i>1,500^c</i>	<i>100^d</i>	<i>See Note e</i>	<i>210^b</i>	<i>35^b</i>		<i>3.0^f</i>

Unregulated Contaminant (µg/L)

	Location	Vanadium	Strontium	Total Chromium	Chromium-6	Chlorate	Molybdenum	Testosterone	1,4 Dioxane
2nd Quarter 2016	Potomac WFP tap ¹	0.24	190	0.25	0.12	220	ND	0.00012	ND
	Patuxent WFP tap ¹	0.26	170	0.28	0.042	ND	ND	ND	ND
	Piscataway tap ²	ND	70	ND	0.16	26	ND	ND	ND
	High Bridge tap ³	ND	76	ND	0.069	ND	ND	ND	ND
3rd Quarter 2016	Potomac WFP tap ¹	0.38	220	0.49	0.25	88	ND	ND	0.075
	Patuxent WFP tap ¹	ND	79	ND	0.032	ND	ND	ND	ND
	Piscataway tap ²	0.49	220	0.68	0.30	38	ND	ND	ND
	High Bridge tap ³	ND	95	0.27	0.10	ND	ND	ND	ND
4th Quarter 2016	Potomac WFP tap ¹	ND	72	ND	0.28	32	ND	ND	ND
	Patuxent WFP tap ¹	ND	270	0.43	ND	ND	ND	ND	ND
	Piscataway tap ²	ND	80	0.24	0.32	53	ND	ND	ND
	High Bridge tap ³	ND	240	0.50	0.044	ND	ND	ND	ND
1st Quarter 2017	Potomac WFP tap ¹	ND	170	0.32	0.062	24	ND	ND	ND
	Patuxent WFP tap ¹	ND	75	0.25	ND	ND	ND	ND	ND
	Piscataway tap ²	ND	170	0.29	0.11	ND	ND	ND	ND
	High Bridge tap ³	ND	84	0.29	0.036	ND	ND	ND	ND
2nd Quarter 2017	Potomac WFP tap ¹	0.33	140	0.24	0.11	ND	ND	ND	ND
	Patuxent WFP tap ¹	ND	78	ND	0.051	ND	ND	ND	ND
	Piscataway tap ²	0.36	150	0.31	0.18	ND	ND	ND	ND
	High Bridge tap ³	ND	89	ND	0.078	ND	ND	ND	ND
<i>Minimum Reporting Level^a</i>		<i>0.2</i>	<i>0.3</i>	<i>0.2</i>	<i>0.03</i>	<i>20</i>	<i>1</i>	<i>0.0001</i>	<i>0.07</i>
<i>Published health guidance or reference levels</i>		<i>21^b</i>	<i>1,500^c</i>	<i>100^d</i>	<i>See Note e</i>	<i>210^b</i>	<i>35^b</i>		<i>3.0^f</i>

		Unregulated Contaminant (µg/L)							
	Location	Vanadium	Strontium	Total Chromium	Chromium-6	Chlorate	Molybdenum	Testosterone	1,4 Dioxane
3rd Quarter 2017	Potomac WFP tap ¹	0.32	140	0.21	0.23	41	ND	ND	ND
	Patuxent WFP tap ¹	ND	60	ND	0.11	ND	ND	ND	ND
	Piscataway tap ²	0.2	180	0.44	0.48	ND	ND	ND	ND
	High Bridge tap ³	ND	84	ND	0.16	ND	ND	ND	ND
4th Quarter 2017	Potomac WFP tap ¹	ND	260	0.68	0.2	38	1.4	ND	0.1
	Patuxent WFP tap ¹	ND	72	0.24	0.047	ND	ND	ND	ND
	Piscataway tap ²	0.2	260	0.83	0.52	41	1.5	ND	ND
	High Bridge tap ³	ND	120	0.28	0.16	ND	ND	ND	ND
<i>Minimum Reporting Level^f</i>		<i>0.2</i>	<i>0.3</i>	<i>0.2</i>	<i>0.03</i>	<i>20</i>	<i>1</i>	<i>0.0001</i>	<i>0.07</i>
<i>Published health guidance or reference levels</i>		<i>21^b</i>	<i>1,500^c</i>	<i>100^d</i>	<i>See Note e</i>	<i>210^b</i>	<i>35^b</i>		<i>3.0^f</i>

Abbreviations:

µg/L = parts per billion (ppb). The equivalent of one minute in 2,000 years or one penny in \$10 million

ND = Not Detected

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal

WFP = Water Filtration Plant

Notes:

¹ Water treatment plant finished water sample

² Distribution system maximum residence time location for Potomac WFP water

³ Distribution system maximum residence time location for Patuxent WFP water. Changed from Bowie to High Bridge in January 2016 due to sampling site issue

⁴ Source water for the water filtration plant (before treatment)

^a The minimum reporting level is an estimate of the lowest concentration of a compound that laboratories would report as a detection.

^b USEPA Health Reference Level (CCL 3 Contaminant Information Sheet)

^c USEPA Health Advisory Level (<http://water.epa.gov/drink/standards/hascience.cfm#dw-standards>)

^d USEPA total chromium MCL and MCLG (<http://water.epa.gov/drink/info/chromium/#one>)

^e We have been monitoring Cr-6 in our system since 2011. See our website for details and available health information on this contaminant.

^f USEPA Integrated Risk Information System (<https://www3.epa.gov/airtoxics/hlthef/dioxane.html>)