


Washington Aqueduct

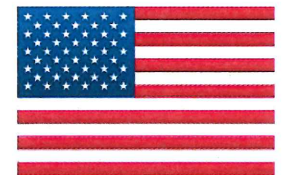
U.S. ARMY Corps of Engineers

Annual Report of Water Analysis 2014

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WASHINGTON AQUEDUCT, US ARMY CORPS OF ENGINEERS ANNUAL REPORT OF WATER ANALYSIS (2014)

Potomac River Raw Water Supply

	Miscellaneous Physical Parameters									Inorganic Ions									Microorganisms						
	pH	ALKALINITY	CONDUCTIVITY	DISSOLVED SOLIDS	SUSPENDED SOLIDS	TOTAL SOLIDS	TEMPERATURE	TOTAL HARDNESS	TOTAL ORGANIC CARBON	TURBIDITY	TOTAL AMMONIA - N	BROMIDE	CHLORIDE	FLUORIDE	IODIDE	NITRATE - N	NITRITE - N	ORTHOPHOSPHATE - PO4	PERCHLORATE	SULFATE	ALGAE COUNT	TOTAL COLIFORM	E. COLI	GIARDIA	CRYPTOSPORIDIUM
	ppm	uS/cm	ppm	ppm	ppm	°F	ppm	ppm	NTU	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppb	ppm	org/mL	MPN/100mL	MPN/100mL	cysts/L	Oocysts/L	
Jan	7.7	70	357	205	46	251	44	109	2.4	11	0.05	0.04	45	ND	ND	2.5	ND	ND	0.6	24	891	1668	30	ND	ND
Feb	7.7	65	401	142	18	160	46	102	2.3	13	0.06	0.05	64	ND	---	2.2	ND	ND	0.4	22	1684	411	8	ND	ND
Mar	7.7	69	322	157	ND	157	51	102	1.8	4	ND	ND	46	ND	---	2.0	ND	ND	0.3	23	1517	17	1	ND	ND
Apr	7.6	69	319	146	3	149	61	98	2.5	8	ND	ND	36	ND	ND	1.7	ND	ND	0.4	20	2076	2692	83	ND	ND
May	7.5	63	253	141	1	142	68	91	2.4	25	ND	ND	25	ND	---	1.6	ND	ND	0.3	19	1790	6609	170	ND	ND
Jun	7.7	84	306	141	12	153	76	114	2.7	15	ND	ND	28	ND	---	2.0	ND	ND	0.3	20	2116	1666	28	ND	ND
Jul	7.8	105	363	198	1	199	80	143	2.3	9	ND	ND	33	0.12	ND	1.7	ND	ND	0.5	29	2171	1146	5	ND	ND
Aug	7.8	104	396	220	ND	220	78	143	2.6	7	ND	ND	36	0.12	---	1.5	ND	ND	0.8	34	1286	1384	25	0.09	ND
Sep	8.0	107	420	235	ND	235	76	156	2.5	5	ND	0.05	38	0.14	---	1.2	ND	ND	0.5	47	1102	502	7	ND	ND
Oct	7.9	109	427	258	2	260	69	156	2.8	5	ND	0.04	39	0.13	ND	1.4	ND	ND	0.6	43	532	193	7	0.13	ND
Nov	8.0	114	432	212	ND	212	60	168	2.7	4	ND	0.04	39	0.12	---	1.4	ND	ND	0.6	40	384	376	9	0.18	ND
Dec	7.8	79	344	174	ND	174	52	120	3.0	9	ND	0.04	35	ND	---	1.9	ND	ND	0.6	28	1030	2606	13	ND	ND

	Metals																										
	ALUMINUM	ANTIMONY	ARSENIC	BARIIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	LITHIUM	MAGNESIUM	MANGANESE	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM	THORIUM	URANIUM	VANADIUM	ZINC
	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb
Jan	503	ND	0.5	33	ND	ND	34	1.5	ND	1.7	445	ND	1.8	6	42	ND	2.5	2.5	ND	ND	26	130	ND	ND	ND	ND	3.6
Feb	715	ND	0.6	38	ND	ND	31	1.6	0.6	2.0	761	0.8	2.3	6	49	ND	2.7	---	ND	ND	34	121	ND	ND	ND	0.7	4.9
Mar	177	ND	ND	33	ND	ND	31	0.7	ND	1.1	145	ND	2.0	6	43	ND	1.8	---	ND	ND	24	128	ND	ND	ND	ND	2.5
Apr	436	ND	ND	35	ND	ND	30	1.2	ND	1.7	444	0.5	1.7	6	68	ND	2.1	2.1	ND	ND	19	113	ND	ND	ND	0.5	3.3
May	553	ND	0.5	38	ND	ND	28	ND	ND	1.5	390	0.4	1.4	5	49	0.4	1.3	---	ND	ND	13	106	ND	ND	ND	ND	ND
Jun	482	ND	0.7	41	ND	ND	34	ND	---	1.8	296	0.4	1.4	7	42	0.4	1.6	---	ND	ND	15	134	ND	ND	ND	---	ND
Jul	197	ND	0.6	44	ND	ND	43	ND	ND	1.7	95	ND	1.8	8	44	0.4	1.2	3.6	ND	ND	19	184	ND	ND	ND	ND	ND
Aug	192	ND	0.6	44	ND	ND	42	ND	ND	1.9	118	ND	2.3	10	39	0.4	1.3	---	ND	ND	20	199	ND	ND	0.3	ND	ND
Sep	437	ND	0.5	45	ND	ND	44	ND	ND	2.7	79	ND	3.0	11	35	0.4	1.6	---	ND	ND	23	236	ND	ND	0.3	0.8	3.5
Oct	208	ND	0.4	42	ND	ND	45	ND	ND	2.0	66	ND	2.5	11	27	0.4	1.1	3.7	ND	ND	23	226	ND	ND	0.2	1.0	1.5
Nov	204	ND	ND	41	ND	ND	51	ND	ND	1.9	58	ND	2.4	10	23	0.5	0.9	---	ND	ND	22	238	ND	ND	ND	ND	1.8
Dec	230	ND	0.4	34	ND	ND	35	ND	ND	1.6	155	ND	1.6	8	23	0.5	0.9	---	ND	ND	19	148	ND	ND	ND	ND	4.6

ppm = Parts Per Million
org/mL = Organisms per milliliter

ppb = Parts Per Billion
CFU/mL = Colony Forming Units per milliliter

ND = Not Detected
NTU = Nephelometric Turbidity Units

MPN/100mL = Most Probable Number per 100 milliliters
µS/cm = microSiemens per centimeter

"---" = No Analysis Required



WASHINGTON AQUEDUCT, US ARMY CORPS OF ENGINEERS ANNUAL REPORT OF WATER ANALYSIS (2014)

	Inorganic Ions										Metals																												
	TOTAL AMMONIA - N	BROMIDE	CHLORIDE	FLUORIDE	IODIDE	NITRATE - N	NITRITE - N	ORTHOPHOSPHATE - PO4	PERCHLORATE	SULFATE	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	LITHIUM	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM	THORIUM	URANIUM	VANADIUM	ZINC	
EPA MCL*			4		10	1					6	10	2000	4	5		100										2			50					2		30		
Units	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	

Dalecarlia Water Treatment Plant Finished Water

Jan	0.7	ND	50	0.6	ND	2.4	ND	2.5	0.8	40	22	ND	ND	30	ND	ND	35	0.2	ND	0.8	ND	ND	1.3	6	1.1	ND	ND	1.5	2.5	ND	ND	33	142	ND	ND	ND	ND	1.0
Feb	0.7	ND	68	0.7	---	2.3	ND	2.5	0.4	39	20	ND	ND	31	ND	ND	35	ND	ND	0.8	ND	ND	1.6	6	0.8	ND	ND	1.6	---	0.6	ND	39	139	ND	ND	ND	ND	1.1
Mar	0.6	ND	46	0.6	---	2.1	ND	2.4	0.4	36	19	ND	ND	32	ND	ND	33	0.7	ND	0.8	ND	ND	1.5	6	0.6	ND	ND	1.7	---	0.6	ND	27	132	ND	ND	ND	ND	6.5
Apr	0.2	ND	39	0.7	ND	1.7	ND	2.4	0.4	34	20	ND	ND	33	ND	ND	33	0.6	ND	0.7	ND	ND	1.5	6	0.6	ND	ND	1.4	2.2	ND	ND	24	132	ND	ND	ND	0.3	0.7
May	0.6	ND	28	0.7	---	1.6	ND	2.4	0.3	34	18	ND	0.3	32	ND	ND	32	ND	ND	0.8	ND	ND	1.2	5	0.4	ND	0.3	0.8	---	ND	ND	19	111	ND	ND	ND	ND	ND
Jun	0.7	ND	33	0.7	---	2.0	ND	2.4	0.5	35	25	ND	0.3	36	ND	ND	36	ND	ND	0.8	ND	ND	1.3	7	0.5	ND	0.5	0.8	---	ND	ND	22	134	ND	ND	ND	ND	ND
Jul	0.6	ND	38	0.8	ND	1.7	ND	2.3	0.6	43	51	ND	0.4	41	ND	ND	45	0.3	ND	0.9	ND	ND	1.5	9	0.8	ND	0.6	1.0	3.2	ND	ND	25	195	ND	ND	ND	0.8	ND
Aug	0.7	ND	41	0.7	---	1.5	ND	2.3	0.9	49	52	ND	0.4	42	ND	ND	44	ND	ND	1.0	ND	ND	1.7	10	0.9	ND	0.9	0.9	---	ND	ND	26	201	ND	ND	ND	0.8	ND
Sep	0.7	ND	43	0.7	---	1.2	ND	2.2	0.7	61	66	ND	0.5	42	ND	ND	46	ND	ND	1.1	ND	ND	2.3	11	1.0	ND	1.0	1.1	---	ND	ND	29	235	ND	ND	ND	1.0	ND
Oct	0.8	ND	43	0.7	ND	1.4	ND	2.3	0.8	57	34	ND	0.4	40	ND	ND	47	ND	ND	1.3	ND	ND	2.1	11	0.6	ND	1.0	1.1	3.8	ND	ND	28	223	ND	ND	ND	0.7	0.8
Nov	0.7	ND	43	0.7	---	1.4	ND	2.3	0.7	54	24	ND	0.3	38	ND	ND	53	ND	ND	1.2	ND	ND	1.9	10	0.6	ND	0.9	0.8	---	ND	ND	26	237	ND	ND	ND	ND	1.3
Dec	0.7	ND	37	0.7	---	1.9	ND	2.4	0.6	44	19	ND	ND	31	ND	ND	38	ND	ND	1.0	ND	ND	1.7	8	0.8	ND	0.6	0.7	---	ND	ND	24	153	ND	ND	ND	ND	1.0

McMillan Water Treatment Plant Finished Water

Jan	0.8	ND	45	0.7	ND	2.2	ND	2.5	0.6	41	29	ND	ND	29	ND	ND	27	ND	ND	3.4	ND	ND	1.2	6	ND	ND	ND	1.4	2.5	ND	ND	30	130	ND	ND	ND	ND	0.9
Feb	0.8	ND	65	0.7	---	2.4	ND	2.6	0.5	41	19	ND	ND	33	ND	ND	28	0.6	ND	3.2	ND	ND	1.6	6	ND	ND	ND	1.8	---	0.7	ND	42	145	ND	ND	ND	ND	1.2
Mar	0.6	ND	47	0.7	---	2.0	ND	2.5	0.4	36	16	ND	ND	31	ND	ND	26	0.6	ND	2.5	ND	ND	1.4	6	ND	ND	ND	1.5	---	0.6	ND	30	126	ND	ND	ND	ND	1.4
Apr	0.3	ND	41	0.7	ND	1.6	ND	2.4	0.4	35	25	ND	ND	32	ND	ND	26	0.5	ND	2.3	ND	ND	1.4	6	ND	ND	ND	1.4	2.2	ND	ND	24	126	ND	ND	ND	0.2	1.0
May	0.7	ND	30	0.7	---	1.5	ND	2.4	0.3	35	22	ND	ND	32	ND	ND	25	ND	ND	2.9	ND	ND	1.2	5	ND	ND	0.3	0.8	---	ND	ND	20	112	ND	ND	ND	ND	ND
Jun	0.8	ND	33	0.7	---	1.7	ND	2.4	0.4	37	29	ND	ND	37	ND	ND	28	ND	ND	7.9	ND	ND	1.4	6	ND	ND	0.5	0.9	---	ND	ND	22	133	ND	ND	ND	ND	ND
Jul	0.6	ND	37	0.8	ND	1.5	ND	2.3	0.5	43	55	ND	0.3	40	ND	ND	39	ND	ND	8.2	ND	ND	1.3	8	0.5	ND	0.5	0.9	3.1	ND	ND	23	167	ND	ND	ND	0.5	ND
Aug	0.7	ND	40	0.7	---	1.4	ND	2.4	0.7	50	43	ND	0.3	42	ND	ND	36	ND	ND	8.3	ND	ND	1.6	10	0.6	ND	0.8	0.7	---	ND	ND	27	198	ND	ND	ND	ND	ND
Sep	0.7	ND	43	0.8	---	1.2	ND	2.3	0.9	62	60	ND	0.3	42	ND	ND	41	ND	ND	8.4	ND	ND	1.9	11	0.5	ND	0.9	1.0	---	ND	ND	29	230	ND	ND	ND	0.8	ND
Oct	0.8	ND	43	0.8	ND	1.3	ND	2.3	0.7	60	38	ND	0.3	40	ND	ND	43	ND	ND	11	ND	ND	2.1	11	0.5	ND	1.1	1.1	4.2	ND	ND	29	234	ND	ND	ND	0.3	ND
Nov	0.7	ND	41	0.7	---	1.4	ND	2.3	0.7	55	30	ND	ND	38	ND	ND	46	ND	ND	7.1	ND	ND	1.7	9	0.2	ND	0.9	0.9	---	ND	ND	26	227	ND	ND	ND	ND	0.7
Dec	0.7	ND	43	0.7	---	1.8	ND	2.4	0.7	48	18	ND	ND	33	ND	ND	32	ND	ND	5.7	ND	ND	1.9	9	ND	ND	0.7	0.8	---	ND	ND	27	173	ND	ND	ND	ND	1.0

*EPA MCL = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters

ppm = Parts Per Million

ppb = Parts Per Billion

ND = Not Detected

"---" = No Analysis Required



**WASHINGTON AQUEDUCT, US ARMY CORPS OF ENGINEERS
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EPA MCL* Units	Synthetic Organic Compounds																				Nitrosamines					Radionuclides							
	METOLACHLOR	METRIBUZIN	MOLINATE	trans-NONACHLOR	OXAMYL	PARAQUAT	PARATHION	PENDIMETHALIN	PERMETHRIN	PENTACHLOROPHENOL	PHENANTHRENE	PICLORAM	PROPACHLOR	PYRENE	SIMAZINE	TERBACIL	TERBUTHYLAZINE	THIOBENCARB	TRIFLURALIN	TOXAPHENE	2,4,5-T	2,4,5-TP (SILVEX)	N-NITROSODIMETHYLAMINE (NDMA)	N-NITROSO-n-PROPYLAMINE (NDPA)	N-NITROSODIBUTYLAMINE (NDBA)	N-NITROSODIETHYLAMINE (NDEA)	N-NITROSOMETHYLETHYLAMINE (NMEA)	N-NITROSPYROLIDINE (NPYR)	GROSS ALPHA PARTICLE ACTIVITY	GROSS BETA PARTICLE ACTIVITY	RADIUM-226 & RADIUM-228	STRONTIUM-90	TRITIUM
					200				1		500			4						3		50							15	50**	5		
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppt	ppt	ppt	ppt	ppt	ppt	pCi/L	pCi/L	pCi/L	pCi/L	pCi/L

Dalecarlia Water Treatment Plant Finished Water

Jan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Feb	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Mar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Apr	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.9	ND	ND	ND	ND	ND	ND			
May	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Jun	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Jul	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Aug	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Sep	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Oct	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Nov	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

McMillan Water Treatment Plant Finished Water

Jan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Feb	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Mar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Apr	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
May	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Jun	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Jul	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND			
Aug	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Sep	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Oct	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Nov	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

EPA MCL* = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters ppb = Parts Per Billion (µg/L) ppt = Parts Per Trillion (ng/L) pCi/L = Picocuries Per Liter ND = Not Detected "..." = No Analysis Required
 ** The MCL for beta and photon emitters is 4 mrem/year and EPA considers 50 pCi/L to be the level of concern for beta/photon emitters.



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Miscellaneous

	DIBROMOCHLOROPROPANE (DBCP)	ETHYLENE DIBROMIDE (EDB)	CYANIDE	2,3,7,8-TCDD (DIOXIN)	1,4-DIOXANE	CHLORATE	HEXAVALENT CHROMIUM	17 ALPHA-ETHYNYLESTRADIOL	17-BETA-ESTRADIOL	4-ANDROSTENE-3,17-DIONE	EQUILIN	ESTRIOL	ESTRONE	TESTOSTERONE	PERFLUOROOCTANESULFONIC ACID (PFOS)	PERFLUORO-1-BUTANESULFONIC ACID (PFBS)	PERFLUORO-1-HEXANESULFONIC ACID (PFHxS)	PERFLUOROHEPTANOIC ACID (PFHpA)	PERFLUORO-N-NONANOIC ACID (PFNA)	PERFLUOROOCCTANOIC ACID (PFOA)	1,3-BUTADIENE	CHLORODIFLUOROMETHANE
EPA MCL*	200	50	0.2	30																		
Units	ppt	ppt	ppm	ppq	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppt	ppt

Dalecarlia Water Treatment Plant Finished Water

Jan	ND	ND	ND	ND	ND	200	0.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Feb	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr	ND	ND	ND	ND	ND	140	0.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
May	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jul	ND	ND	---	ND	ND	430	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aug	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct	ND	ND	ND	ND	ND	330	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Nov	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

McMillan Water Treatment Plant Finished Water

Jan	ND	ND	ND	ND	ND	160	0.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Feb	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr	ND	ND	ND	ND	ND	120	0.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
May	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jul	ND	ND	---	ND	ND	250	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aug	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct	ND	ND	ND	ND	ND	405	0.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Nov	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

*EPA MCL = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters

ppm = Parts Per Million

ppb = Parts Per Billion

ppt = Parts Per Trillion (ng/L)

ppq = Parts Per Quadrillion (pg/L)

ND = Not Detected

"---" = No Analysis Required