Washington Aqueduct

U.S. ARMY Corps of Engineers

Annual Report of Water Analysis 2024

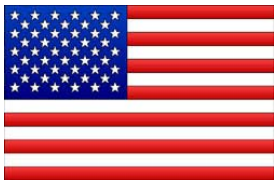
Prepared by:

Water Quality Laboratory
Plant Operations Branch
Washington Aqueduct
5900 MacArthur Boulevard, NW
Washington, D.C. 20016-2514

Rudolph Chow

Digitally signed by Rudolph Chow
Date: 2025.09.09 10:12:52 -04'00'

Approved by the Chief, Washington Aqueduct



WASHINGTON AQUEDUCT, US ARMY CORPS OF ENGINEERS
ANNUAL REPORT OF WATER ANALYSIS (2024)

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	NITRATE - N	NITRITE - N	ORTHOPHOSPHATE - PO4	PERCHLORATE	SULFATE	TOTAL COLIFORM	E. COLI	GIARDIA	CRYPTOSPORIDIUM
		ppm	µS/cm	ppm	ppm	ppm	°F	ppm	ppm	NTU	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	MPN/100mL	MPN/100mL	cysts/L	Oocysts/L
Jan	7.8	66	252	113	311	424	41	89	3.4	13	ND	ND	26	0.16	1.6	ND	ND	0.3	17	13977	489	0.46	0.46
Feb	7.9	68	364	168	28	196	45	101	2.5	9	ND	0.05	68	0.11	1.7	ND	ND	0.3	22	3148	255	---	---
Mar	7.9	74	265	168	108	276	51	104	3.3	8	ND	ND	31	0.15	1.2	ND	ND	0.2	19	3630	208	---	---
Apr	8.0	77	249	115	29	144	60	102	2.6	9	ND	ND	16	ND	1.1	ND	ND	0.2	20	2223	448	---	---
May	8.1	94	304	199	14	213	71	126	2.8	4	ND	ND	20	ND	0.9	ND	ND	0.2	23	5651	119	---	---
Jun	8.2	111	374	193	48	241	80	144	2.7	3	ND	0.05	22	ND	0.6	ND	ND	ND	32	4803	15	---	---
Jul	8.3	94	379	217	11	228	83	133	3.2	7	ND	0.08	42	0.14	ND	ND	0.36	ND	43	10355	60	ND	ND
Aug	8.1	91	319	173	23	196	80	120	4.6	6	ND	0.05	28	0.24	1.0	ND	ND	ND	29	3692	48	---	---
Sep	8.2	107	389	232	6	238	74	148	3.1	4	ND	0.04	36	0.24	0.8	ND	ND	ND	38	6130	91	---	---
Oct	8.2	107	336	199	4	203	63	133	3.3	6	ND	ND	31	0.12	1.1	ND	ND	ND	28	6737	75	0.09	ND
Nov	8.3	131	427	259	2	261	56	174	2.3	2	ND	ND	37	0.12	0.9	ND	ND	ND	41	499	19	---	---
Dec	8.1	107	363	249	2	251	42	143	3.1	4	ND	ND	35	0.11	1.4	ND	ND	ND	38	3488	178	---	---

	Metals																							
	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	LITHIUM	MAGNESIUM	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM	THORIUM	URANIUM	ZINC
	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Jan	259	ND	ND	36	ND	ND	26	ND	0.2	1.4	310	0.3	1.9	6	41	ND	1.1	ND	ND	18	152	ND	ND	ND	2.8
Feb	213	ND	ND	37	ND	ND	31	ND	0.3	1.1	333	0.3	1.9	6	33	0.9	1.4	ND	ND	15	136	ND	ND	ND	2.5
Mar	87	ND	ND	37	ND	ND	31	ND	ND	1.2	267	0.2	2.0	6	16	ND	1.1	ND	ND	10	153	ND	ND	0.2	1.5
Apr	622	ND	ND	45	ND	ND	31	ND	0.8	5.7	1079	1.6	2.4	6	73	ND	2.2	ND	ND	9	127	ND	ND	0.2	13.6
May	86	ND	ND	42	ND	ND	36	ND	ND	1.5	286	0.3	2.4	8	19	ND	1.2	ND	ND	11	177	ND	ND	0.2	1.9
Jun	39	ND	ND	41	ND	ND	42	ND	ND	8.3	83	0.3	2.4	10	21	ND	0.9	ND	ND	12	181	ND	ND	0.2	1.1
Jul	171	ND	ND	44	ND	ND	32	ND	0.4	1.7	292	0.5	3.9	13	73	0.7	1.5	ND	ND	18	219	ND	ND	0.4	2.6
Aug	176	ND	1.2	47	ND	ND	35	ND	0.3	1.1	121	0.8	3.8	8	38	0.9	1.2	ND	ND	14	236	ND	ND	0.3	1.7
Sep	311	ND	1.0	49	ND	ND	42	ND	0.3	2.2	303	1.2	2.6	11	24	0.8	1.4	ND	ND	18	224	ND	ND	0.4	11.2
Oct	2145	ND	ND	67	ND	ND	40	ND	ND	5.6	3241	5.2	4.4	8	257	ND	ND	ND	ND	14	182	ND	ND	0.4	ND
Nov	188	ND	0.3	41	ND	ND	50	ND	ND	1.2	46	0.9	2.5	12	12	ND	1.3	ND	ND	21	236	ND	ND	0.3	3.3
Dec	121	ND	ND	41	ND	ND	43	ND	ND	ND	52	ND	3.0	9	7	0.6	1.2	ND	ND	17	268	ND	ND	ND	ND

ppm = Parts Per Million ppb = Parts Per Billion ND = Not Detected MPN/100mL = Most Probable Number per 100 milliLiters µS/cm = microSiemens per centimeter "---" = No Analysis Required

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	Inorganic Ions									Metals																																	Miscellaneous Physical Parameters								
	TOTAL AMMONIA - N	BROMIDE	CHLORIDE	FLUORIDE	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	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM	THORIUM	URANIUM	VANADIUM	ZINC	pH	ALKALINITY	CONDUCTIVITY	TEMPERATURE	CHLORINE	TOTAL HARDNESS	TOTAL ORGANIC CARBON	TOTAL DISSOLVED SOLIDS	TOTAL SUSPENDED SOLIDS	TURBIDITY (Average)*
EPA MCL*				4	10	1					6	10	2000	4	5		100								2			50				2		30													
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb		ppm	µS/cm	°F	ppm	ppm	ppm	ppm	ppm	NTU
Dalecarlia Water Treatment Plant Finished Water																																															
Jan	0.8	ND	33	0.6	1.6	ND	2.6	0.3	35	12	ND	ND	32	ND	ND	31	ND	ND	0.9	ND	ND	1.6	5	0.3	ND	ND	0.8	ND	ND	25	159	ND	ND	ND	ND	0.5	7.7	67	355	45	3.5	101	1.9	170	ND	0.04
Feb	0.8	ND	27	0.6	1.6	ND	2.5	0.3	35	14	ND	ND	33	ND	ND	33	ND	ND	0.6	ND	ND	1.3	6	0.4	ND	ND	0.7	ND	ND	18	128	ND	ND	ND	ND	0.5	7.7	68	316	48	3.6	109	1.6	186	ND	0.02
Mar	0.7	ND	22	0.6	1.2	ND	2.5	0.3	34	13	ND	ND	31	ND	ND	32	ND	ND	0.7	ND	ND	1.7	6	0.3	ND	ND	0.7	ND	ND	17	125	ND	ND	ND	ND	ND	7.7	69	291	55	3.3	102	1.9	145	ND	0.03
Apr	ND	ND	17	0.7	1.0	ND	2.5	0.3	35	12	ND	ND	29	ND	ND	33	ND	ND	0.6	ND	ND	1.7	6	0.4	ND	ND	0.8	ND	ND	14	104	ND	ND	ND	ND	ND	7.7	75	284	61	2.9	106	1.7	152	ND	0.03
May	0.8	ND	23	0.7	0.9	ND	2.6	0.3	38	45	ND	ND	40	ND	ND	38	ND	ND	0.6	ND	ND	2.3	8	0.3	ND	ND	0.7	ND	ND	17	173	ND	ND	ND	ND	ND	7.7	91	337	72	3.5	129	1.9	207	ND	0.03
Jun	0.9	ND	26	0.7	0.6	ND	2.5	ND	45	53	ND	0.2	40	ND	ND	41	ND	ND	0.6	ND	ND	2.2	10	0.4	ND	ND	0.7	ND	ND	18	180	ND	ND	ND	ND	ND	7.7	103	373	81	3.6	143	1.9	223	ND	0.04
Jul	0.8	ND	37	0.7	ND	ND	2.5	ND	66	56	ND	0.4	44	ND	ND	36	ND	ND	0.8	ND	ND	2.8	12	0.4	ND	0.7	0.8	ND	ND	27	229	ND	ND	ND	0.6	ND	7.7	89	420	85	3.7	143	2.4	254	ND	0.05
Aug	0.8	ND	29	0.8	1.1	ND	2.4	ND	54	39	ND	0.4	42	ND	ND	39	ND	ND	1.1	ND	ND	3.2	8	0.8	ND	0.8	1.0	ND	ND	21	234	ND	ND	ND	0.8	ND	7.7	85	369	81	3.8	132	2.7	185	ND	0.03
Sep	0.9	ND	34	0.8	0.7	ND	2.5	ND	51	53	ND	0.3	41	ND	ND	42	ND	ND	1.1	ND	ND	2.1	10	0.9	ND	0.7	1.0	ND	ND	23	209	ND	ND	ND	0.7	0.5	7.7	100	411	75	3.8	147	2.0	247	ND	0.03
Oct	0.9	ND	26	0.7	1.0	ND	2.6	ND	40	29	ND	0.2	37	ND	ND	37	ND	ND	1.2	ND	ND	2.1	8	0.5	ND	0.6	1.0	ND	ND	23	159	ND	ND	ND	0.8	ND	7.7	100	362	65	3.8	127	2.3	227	ND	0.04
Nov	0.8	ND	37	0.7	0.9	ND	2.6	ND	48	56	ND	0.2	37	ND	ND	48	ND	ND	1.0	ND	ND	1.5	12	0.9	ND	ND	1.1	ND	ND	24	232	ND	ND	ND	ND	ND	7.7	125	439	57	3.7	170	1.8	261	ND	0.04
Dec	0.7	ND	33	0.7	1.3	ND	2.5	ND	51	25	ND	0.2	35	ND	ND	43	ND	ND	ND	ND	ND	2.0	10	0.4	ND	0.6	1.2	ND	ND	24	245	ND	ND	ND	ND	ND	7.7	106	403	44	3.5	148	2.0	281	ND	0.03
McMillan Water Treatment Plant Finished Water																																															
Jan	0.8	ND	32	0.6	1.6	ND	2.5	0.3	36	19	ND	ND	29	ND	ND	28	ND	ND	3.5	ND	ND	1.5	3	0.2	ND	ND	0.8	ND	ND	17	139	ND	ND	ND	ND	0.6	7.7	59	320	50	3.5	97	2.0	173	ND	0.02
Feb	0.9	ND	30	0.6	1.5	ND	2.5	0.3	36	14	ND	ND	32	ND	ND	28	ND	ND	3.6	ND	ND	1.4	5	ND	ND	ND	0.8	ND	ND	18	114	ND	ND	ND	0.5	0.5	7.7	61	311	51	3.5	99	1.6	172	ND	0.01
Mar	0.7	ND	23	0.6	1.2	ND	2.5	0.3	34	16	ND	ND	31	ND	ND	27	ND	ND	2.3	ND	ND	1.5	3	ND	ND	ND	0.7	ND	ND	13	130	ND	ND	ND	ND	ND	7.7	59	281	55	3.4	94	1.8	156	ND	0.01
Apr	ND	ND	19	0.6	1.0	ND	2.4	0.2	36	18	ND	ND	33	ND	ND	28	ND	ND	2.5	ND	ND	1.7	5	0.3	ND	ND	0.7	ND	ND	12	144	ND	ND	ND	ND	ND	7.7	63	273	62	2.9	98	1.6	156	ND	0.02
May	0.8	ND	22	0.7	0.8	ND	2.5	0.3	38	44	ND	ND	37	ND	ND	34	ND	ND	2.2	ND	ND	1.9	6	ND	ND	ND	0.6	ND	ND	15	147	ND	ND	ND	ND	ND	7.7	85	322	69	3.5	122	1.6	208	ND	0.02
Jun	0.9	ND	26	0.7	0.6	ND	2.5	ND	43	54	ND	ND	39	ND	ND	35	ND	ND	5.7	ND	ND	2.1	8	0.3	ND	ND	0.6	ND	ND	16	165	ND	ND	ND	ND	ND	7.7	91	350	77	3.6	134	1.9	200	ND	0.03
Jul	0.9	ND	37	0.7	ND	ND	2.5	ND	64	90	ND	0.4	46	ND	ND	30	ND	ND	8.3	ND	ND	2.7	11	0.8	ND	0.6	0.6	ND	ND	19	225	ND	ND	ND	ND	ND	7.7	79	394	81	3.7	136	2.0	251	ND	0.03
Aug	0.9	ND	33	0.8	0.8	ND	2.5	ND	59	38	ND	0.4	44	ND	ND	31	ND	ND	6.8	ND	ND	3.1	6	0.4	ND	0.8	0.7	ND	ND	20	237	ND	ND	ND	0.7	ND	7.7	73	369	79	3.7	123	2.2	236	ND	0.02
Sep	0.9	ND	34	0.8	0.6	ND	2.5	ND	53	56	ND	0.3	39	ND	ND	36	ND	ND	6.0	ND	ND	1.9	9	0.5	ND	0.6	0.8	ND	ND	21	200	ND	ND	ND	ND	0.5	7.7	87	393	76	3.6	138	1.9	237	ND	0.02
Oct	0.9	ND	28	0.7	1.0	ND	2.5	ND	43	39	ND	0.3	42	ND	ND	33	ND	ND	9.2	ND	ND	2.4	6	0.4	ND	0.7	1.1	ND	ND	17	203	ND	ND	ND	0.8	ND	7.7	89	357	70	3.7	127	2.2	198	ND	0.02
Nov	0.9	ND	36	0.7	0.8	ND	2.4	ND	47	53	ND	0.2	39	ND	ND	43	ND	ND	10.5	ND	ND	1.9	11	0.6	ND	0.5	1.2	ND	ND	20	214	ND	ND	ND	ND	ND	7.7	117	419	63	3.6	165	1.7	258	ND	0.03
Dec	0.8	ND	36	0.6	1.1	ND	2.4	ND	54	29	ND	0.2	39	ND	ND	39	ND	ND	4.6	ND	ND	2.2	7	0.7	ND	0.7	1.3	ND	ND	22	253	ND	ND	ND	0.7	ND	7.7	106	415	53	3.5	155	1.9	279	ND	0.03

EPA MCL* = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters ppm = Parts Per Million ppb = Parts Per Billion ND = Not Detected µS/cm = microSiemens per centimeter Turbidity* = Water turbidity after filters NTU = Nephelometric Turbidity Units

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Dalecarlia Water Treatment Plant Finished Water

	Microorganisms			Haloacetic Acids (HAAs)							Trihalomethanes (THMs)				
	TOTAL COLIFORM (% positive)	E. COLI (% positive)	HETEROTROPHIC PLATE COUNT	DIBROMOACETIC ACID	DICHLOROACETIC ACID	MONOBROMOACETIC ACID	MONOCHLOROACETIC ACID	TRICHLOROACETIC ACID	TOTAL HALOACETIC ACIDS	BROMOCHLOROACETIC ACID	CHLOROFORM	BROMODICHLOROMETHANE	CHLORODIBROMOMETHANE	BROMOFORM	TOTAL TRIHALOMETHANES
EPA MCL*															
Units	%+	%+	CFU/ml	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Jan	0.0	0.0	<1	---	---	---	---	---	---	---	19.4	4.6	ND	ND	25
Feb	0.0	0.0	<1	ND	6.0	ND	ND	6.3	12	2.6	10.5	8.3	2.8	ND	22
Mar	0.0	0.0	2	---	---	---	---	---	---	---	16.7	5.0	0.5	ND	22
Apr	0.0	0.0	<1	---	---	---	---	---	---	---	26.4	5.3	ND	ND	32
May	0.0	0.0	4	ND	11.1	ND	1.7	15.0	28	2.3	26.2	8.3	1.1	ND	36
Jun	0.0	0.0	3	---	---	---	---	---	---	---	31.9	9.1	1.4	ND	42
Jul	0.0	0.0	5	---	---	---	---	---	---	---	39.7	12.2	3.9	ND	59
Aug	0.0	0.0	26	ND	24.9	ND	ND	30.5	55	2.0	56.7	14.0	ND	ND	64
Sep	0.0	0.0	24	---	---	---	---	---	---	---	25.8	12.4	2.8	ND	41
Oct	0.0	0.0	11	---	---	---	---	---	---	---	32.0	6.7	0.6	ND	39
Nov	0.0	0.0	2	ND	10.2	ND	1.2	12.4	24	2.9	25.4	10.0	1.6	ND	37
Dec	0.0	0.0	1	---	---	---	---	---	---	---	8.9	7.3	2.1	ND	18

	Volatile Organic Compounds (VOCs)																														
	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMOMETHANE	tert-BUTYLBENZENE	sec-BUTYLBENZENE	n-BUTYLBENZENE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROMETHANE	2-CHLOROTOLUENE	4-CHLOROTOLUENE	DIBROMOMETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,2-DICHLOROBENZENE	DICHLORODIFLUOROMETHANE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	trans-1,2-DICHLOROETHYLENE	cis-1,2-DICHLOROETHYLENE	1,1-DICHLOROETHYLENE	1,3-DICHLOROPROPANE	2,2-DICHLOROPROPANE	1,2-DICHLOROPROPANE	trans-1,3-DICHLOROPROPENE	cis-1,3-DICHLOROPROPENE	1,1-DICHLOROPROPENE	ETHYLBENZENE	HEXACHLOROBUTADIENE
EPA MCL*	5							5	100							75	600			5	100	70	7			5				700	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Jan	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
Feb	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
Mar	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
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
May	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
Jun	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
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
Aug	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
Sep	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
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
Nov	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
Dec	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

McMillan Water Treatment Plant Finished Water

	TOTAL COLIFORM (% positive)	E. COLI (% positive)	HETEROTROPHIC PLATE COUNT	DIBROMOACETIC ACID	DICHLOROACETIC ACID	MONOBROMOACETIC ACID	MONOCHLOROACETIC ACID	TRICHLOROACETIC ACID	TOTAL HALOACETIC ACIDS	BROMOCHLOROACETIC ACID	CHLOROFORM	BROMODICHLOROMETHANE	CHLORODIBROMOMETHANE	BROMOFORM	TOTAL TRIHALOMETHANES
Jan	0.0	0.0	<1	---	---	---	---	---	---	---	14.6	4.1	ND	ND	18
Feb	0.0	0.0	<1	ND	7.7	ND	ND	7.0	15	2.4	12.6	7.7	1.8	ND	22
Mar	0.0	0.0	<1	---	---	---	---	---	---	---	10.5	4.3	0.8	ND	16
Apr	0.0	0.0	<1	---	---	---	---	---	---	---	19.9	5.5	0.9	ND	27
May	0.0	0.0	<1	ND	10.2	ND	1.4	12.7	24	2.3	25.7	8.7	1.8	ND	36
Jun	0.0	0.0	2	---	---	---	---	---	---	---	32.1	7.9	1.4	ND	41
Jul	0.0	0.0	3	---	---	---	---	---	---	---	46.5	15.5	4.2	ND	67
Aug	0.0	0.0	3	ND	15.4	ND	ND	11.9	27	4.2	41.3	16.5	4.0	ND	62
Sep	0.0	0.0	9	---	---	---	---	---	---	---	30.9	13.5	2.9	ND	47
Oct	0.0	0.0	2	---	---	---	---	---	---	---	42.6	9.4	1.0	ND	53
Nov	0.0	0.0	<1	ND	8.7	1.2	ND	9.0	19	2.7	22.1	9.7	2.0	ND	34
Dec	0.0	0.0	<1	---	---	---	---	---	---	---	9.0	7.1	1.8	ND	18

	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMOMETHANE	tert-BUTYLBENZENE	sec-BUTYLBENZENE	n-BUTYLBENZENE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROMETHANE	2-CHLOROTOLUENE	4-CHLOROTOLUENE	DIBROMOMETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,2-DICHLOROBENZENE	DICHLORODIFLUOROMETHANE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	trans-1,2-DICHLOROETHYLENE	cis-1,2-DICHLOROETHYLENE	1,1-DICHLOROETHYLENE	1,3-DICHLOROPROPANE	2,2-DICHLOROPROPANE	1,2-DICHLOROPROPANE	trans-1,3-DICHLOROPROPENE	cis-1,3-DICHLOROPROPENE	1,1-DICHLOROPROPENE	ETHYLBENZENE	HEXACHLOROBUTADIENE
Jan	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
Feb	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
Mar	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
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
May	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
Jun	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
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
Aug	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
Sep	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
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
Nov	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
Dec	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

EPA MCL* = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters   ppb = Parts Per Billion   ND = Not Detected   CFU/mL = Colony Forming Units per milliLiter   "---" = No Analysis Required

WASHINGTON AQUEDUCT, US ARMY CORPS OF ENGINEERS
ANNUAL REPORT OF WATER ANALYSIS (2024)

	Volatile Organic Compounds (VOCs)																				Oxygenates & Other VOCs									Synthetic Organic Compounds (SOCs)																	
	ISOPROPYLBENZENE	4-ISOPROPYLTOLUENE	METHYLENE CHLORIDE	NAPHTHALENE	n-PROPYLBENZENE	STYRENE	1,1,1,2-TETRACHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	TETRACHLOROETHYLENE	TOLUENE	1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	1,1,1-TRICHLOROETHANE	1,1,2-TRICHLOROETHANE	TRICHLOROETHYLENE	TRICHLOROFLUOROMETHANE	1,2,3-TRICHLOROPROPANE	1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	TOTAL XYLENES	VINYL CHLORIDE	2-BUTANONE (MEK)	2-HEXANONE (MBK)	DI-ISOPROPYL ETHER	METHYL TERT-BUTYL ETHER (MTBE)	TERT-AMYL ETHYL ETHER (TAME)	TERT-BUTYL ETHYL ETHER (TBEE)	BROMOETHANE	CARBON DISULFIDE	TRICHLOROTRIFLUOROETHANE	ACENAPHTHENE	ACENAPHTHYLENE	ACETOCHLOR	ACIFLOURFEN	ALACHLOR	ALDICARB	ALDICARB SULFONE	ALDICARB SULFOXIDE	ALDRIN	ANTHRACENE	AROCHLOR 1016 (PCBs)	AROCHLOR 1221 (PCBs)	AROCHLOR 1232 (PCBs)	AROCHLOR 1242 (PCBs)	AROCHLOR 1248 (PCBs)	AROCHLOR 1254 (PCBs)
EPA MCL*			5			100			5	1000		70	200	5	5					10,000	2														2										
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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	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
Feb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
May	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aug	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nov	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Feb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
May	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aug	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nov	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

EPA MCL* = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters ppb = Parts Per Billion ND = Not Detected "---" = No Analysis Required

Synthetic Organic Compounds (SOCs)

	AROCHLOR 1260 (PCBs)	TOTAL PCBs	ATRAZINE	BAYGON	BENTAZON	BENZ(a)ANTHRACENE	BENZO(b)FLUORANTHENE	BENZO(g,h,i)PERYLENE	BENZO(a)PYRENE	BENZO(K)FLUORATHENE	alpha-BHC	beta-BHC	delta-BHC	BROMACIL	BUTACHLOR	BUTYLBENZYLPHTHALATE	CAFFEINE	CARBARYL	CARBOFURAN	alpha-CHLORDANE	gamma-CHLORDANE	CHLORDANE	CHLORPYRIFOS (DURSBAN)
EPA MCL*		0.5	3						0.2										40			2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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	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
May	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jul	ND	ND	0.16	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
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
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
May	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jul	ND	ND	0.07	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
Nov	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	CHLOROBENZILATE	CHLORONEB	CHLOROTHALONIL	CHRYSENE	2,4-D	DALAPON	2,4-DB	2,4'-DDD	2,4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	DIBENZ(a,h)ANTHRACENE	DICAMBA	3,5-DICHLOROBENZOIC ACID	DICHLORPROP	DICHLORVOS (DDVP)	DIELDRIN	DIETHYLPHTHALATE	di-(2-ETHYLHEXYL)ADIPATE	di-(2-ETHYLHEXYL)PHTHALATE	DIMETHOATE
EPA MCL*					70	200															400	6	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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	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
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
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
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
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
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
Aug	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct	ND	ND	ND	ND	ND	1.0	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   ND = Not Detected   "---" = No Analysis Required

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ANNUAL REPORT OF WATER ANALYSIS (2024)

	Synthetic Organic Compounds (SOCs)																																										
	DIMETHYLPHTHALATE	DI-N-BUTYLPHTHALATE	DI-N-OCTYLPHTHALATE	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	DINOSEB	DIQUAT	ENDOTHALL	ENDRIN	ENDRIN ALDEHYDE	EPTC	FLUORANTHENE	FLURENE	GLYPHOSATE	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEXACHLOROBENZENE	HEXACHLOROCYCLOPENTADIENE	3-HYDROXYCARBOFURAN	INDENO(1,2,3,c,d)PYRENE	ISOPHORONE	LINDANE	ENDOSULFAN I (alpha)	ENDOSULFAN II (beta)	ENDOSULFAN SULFATE	MALATHION	METHIOCARB	METHOMYL	METHOXYCHLOR	METOLACHLOR	METRIBUZIN	MOLINATE	trans-NONACHLOR	OXAMYL	PARAQUAT	PARATHION	PENDIMETHALIN	PERMETHRIN	PENTACHLOROPHENOL	PHENANTHRENE	PICLORAM	PROPACHLOR	PYRENE	SIMAZINE	TERBACIL	TERBUTHYLAZINE
EPA MCL*						7	20	100	2					700	0.4	0.2	1	50				0.2							40					200						1		500			4		
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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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	0.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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McMillan Water Treatment Plant Finished Water																																												
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Oct	0.6	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	ND	ND	ND	ND	ND	ND	ND
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EPA MCL* = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters ppb = Parts Per Billion ND = Not Detected "---" = No Analysis Required

WASHINGTON AQUEDUCT, US ARMY CORPS OF ENGINEERS
ANNUAL REPORT OF WATER ANALYSIS (2024)

	SOCs					Per- and Polyfluoroalkyl Substances (PFAS)																											Miscellaneous				Nitrosamines							
	THIOBENCARB	TRIFLURALIN	TOXAPHENE	2,4,5-T	2,4,5-TP (SILVEX)	11Cl-PF3OUdS	4:2 FTS	6:2 FTS	8:2 FTS	9Cl-PF3ONS	ADONA	HFPO-DA/GenX	NEtFOSAA	NFDHA	NMeFOSAA	PFBA	PFBS	PFDA	PFDoA	PFEESA	PFHpA	PFHpS	PFHxA	PFHxS	PFMBA	PFMPA	PFNA	PFOA	PFOS	PFPeA	PFPeS	PFTA	PFTrDA	PFUnA	DIBROMOCHLOROPROPANE (DBCP)	ETHELYNE DIBROMIDE (EDB)	CYANIDE	2,3,7,8-TCDD (DIOXIN)	N-NITROSODIMETHYLAMINE (NDMA)	N-NITROSO-n-PROPYLAMINE (NDPA)	N-NITROSODIBUTYLAMINE (NDBA)	N-NITROSODIETHYLAMINE (NDEA)	N-NITROSOMETHYLETHYLAMINE (NMEA)	N-NITROSOPYROLIDINE (NPYR)	N-NITROSOMORPHOLINE	N-NITROSOPIPERIDINE (NPIP)
EPA MCL*			3		50							10				10								10			10	4	4						200	50	0.2	30								
Units	ppb	ppb	ppb	ppb	ppb	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppm	ppq	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt
Dalecarlia Water Treatment Plant Finished Water																																													
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McMillan Water Treatment Plant Finished Water																																													
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EPA MCL* = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters ppm = Parts Per Million (mg/L) ppb = Parts Per Billion (µg/L) ppt = Parts Per Trillion (ng/L) ppq = Parts Per Quadrillion (pg/L) ND = Not Detected "---" = No Analysis Required