

Washington Aqueduct

U.S. ARMY Corps of Engineers

Annual Report of Water Analysis 2023

Prepared by:

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Potomac River Raw Water Supply

	FULUINA	ac River	Raw wa	iter Supp	piy																				
			1	Miscella	aneous Pl	nysical Pa	rameters			1				In	organic lo	ons			1		Microor	ganisms			
	H	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	ОКТНОРНОЅРНАТЕ - РО4	PERCHLORATE	SULFATE	TOTAL COLIFORM	E. COLI	<u>GIARDIA</u>	CRYPTOSPORIDIUM		
		ppm	μS/cm	ppm	ppm	ppm	۴F	ppm	ppm	NTU	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	MPN/100mL	MPN/100mL	cysts/L	Oocysts/L		
Jan	7.9	97	312	179	4	183	43	142	2.4	5	ND	ND	32	0.24	2.1	ND	ND	0.3	23	2496	40	1.40	ND		
Feb	8.0	98	368	193	5	198	46	113	2.5	6	ND	ND	30	0.18	1.8	ND	ND	0.3	26	1031	23				
Mar	7.9	86	298	197	15	212	49	133	2.8	7		ND	25	0.21	1.6	ND	ND	0.3	23	1174	53				
Apr	7.9	104	308	165	2	167	63	145	2.4	3		ND	28	0.18	0.9	ND	ND	0.3	24	780	24	ND	ND		
Мау	7.9	91	305	187	20	207	66	118	3.7	5	ND	ND	20	0.17	0.8	ND	ND	ND	28	4461	295				
Jun	8.3	114	405	225	3	228	75	140	3.1	3	ND	0.04	29	0.22	0.3	ND	ND	0.2	37	1810	21				
Jul	8.4	115	369	200	3	203	84	131	3.3	3	0.07	ND	28	0.15	0.2	ND	ND	0.3	31	37607	21	ND	ND		
Aug	8.5	104	313	223	5	228	82	127	3.2	4	0.06	0.04	28	0.29	ND	ND	ND	ND	37	9414	146				
Sep	8.3	103	373	218	3	221	75	135	3.8	3	ND	0.05	38	0.21	0.3	ND	ND	ND	45	2791	22				
Oct	8.4	116	402	229	ND	229	65	155	2.7	3	ND	0.05	35	0.24	ND	ND	ND	ND	48	1485	9	1.36	ND		
Nov	8.2	125	415	270	2	272	51	182	5.6	3	ND	0.05	37	0.18	0.6	ND	ND	0.2	50	1713	21				
Dec	7.9	80	308	203	11	214	45	133	5.9	9	ND	ND	43	0.12	1.5	ND	ND	0.3	23	12030	535				
		1		I	1	1		I	I	-	-	1	Metals				I	I			I	1	1		
	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	LITHIUM	MAGNESIUM	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	MUIDOS	STRONTIUM	ТНАLLIUM	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	256	ND	ND	41	ND	ND	38	ND	0.3	3.9	397	0.7	1.8	11	38	ND	2.2	ND	ND	16	158	ND	ND	0.2	4.7
Feb	171	ND	ND	35	ND	ND	32	ND	ND	2.5	235	0.4	1.7	8	25	ND	0.8	ND	ND	15	146	ND	ND	0.2	2.2
Mar	134	ND	ND	35	ND	ND	36	ND	ND	1.2	229	0.3	2.1	10	37	ND	0.8	ND	ND	12	153	ND	ND	0.2	1.8
Apr	147	ND	ND	38	ND	ND	42	ND	0.3	1.6	204	0.4	2.0	10	32	ND	1.0	ND	ND	13	150	ND	ND	0.3	2.4
Мау	719	ND	0.6	41	ND	ND	34	ND	1.0	2.3	1178	1.4	2.8	8	101	ND	2.1	ND	ND	11	110	ND	ND	ND	6.0
Jun	89	ND	ND	40	ND	ND	41	ND	0.2	1.4	133	0.3	3.2	9	29	ND	1.2	ND	ND	16	204	ND	ND	0.2	1.4
Jul	84	ND	1.1	40	ND	ND	37	ND	0.2	1.8	97	ND	2.6	10	29	0.6	1.0	ND	ND	15	219	ND	ND	0.3	1.9
Aug	106	ND	1.0	39	ND	ND	36	ND	ND	2.5	55	ND	3.2	9	20	1.0	1.2	ND	ND	16	235	ND	ND	0.3	2.0
Sep	97	ND	1.0	41	ND	ND	37	ND	0.2	1.9	146	1.4	4.2	10	32	1.0	1.1	ND	ND	19	258	ND	ND	0.3	4.3
Oct	174	ND	0.6	45	ND	ND	46	ND	ND	2.8	184	0.7	3.4	10	27	1.0	1.2	ND	ND	20	250	ND	ND	0.3	4.0
Nov	100	ND	ND	47	ND	ND	54	ND	ND	1.2	69	ND	3.9	11	18	0.7	0.8	ND	ND	19	293	ND	ND	0.3	1.3
Dec	225	ND	ND	40	ND	ND	42	ND	ND	1.4	129	ND	2.4	7	39	ND	0.8	ND	ND	15	231	ND	ND	0.3	1.7
nnm = Parts	Per Million		nnh = Parts	Per Billion		ND = Not De	tected		MPN/100ml	= Most Pro	hable Numbe	er ner 100 mil	lil iters	NTU = Nepł	elometric T	urhidity Unite		uS/cm = mi	croSiemene	ner centimet	er	"" = No A	nalysis Requ	ired	Dogo 1

ppm = Parts Per Million

ppb = Parts Per Billion ND = Not Detected MPN/100mL = Most Probable Number per 100 milliLiters

NTU = Nephelometric Turbidity Units

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				Inoi	rganic	lons																	Me	tals													
	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	POTASSIUM	SELENIUM	SILVER	MUIDOS	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	ppm	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
lan	Daleo	carlia ND	Wate 35	r Trea 0.6	tmen 2.1	t Plar ND	nt Fini 2.7	shed 0.3	Wate	r 23	ND	ND	35	ND	ND	37	ND	ND	0.9	ND	ND	1.3	10	0.5	ND	ND	0.6	2.8	ND	ND	22	147	ND	ND	ND	ND	0.5
Jan Esh	0.8	ND	35	0.6	1.8	ND	2.7	0.3	35	23 18	ND	ND	35 27	ND	ND	37	ND	ND	0.9	ND	ND	1.3	8	0.5	ND	ND	ND	2.0	ND	ND	22	147	ND	ND	ND	ND	ND
Feb Mar	ND	ND	27	0.0	1.6	ND	2.0	0.3	35	20	ND	ND	30	ND	ND	34	ND	ND	0.8	ND	ND	1.4	9	0.4	ND	ND	ND		ND	ND	21	157	ND	ND	ND	ND	ND
Apr	ND	ND	30	0.6	1.0	ND	2.4	0.3	37	20	ND	0.2	35	ND	ND	41	ND	ND	0.0	ND	ND	2.3	3 10	ND	ND	ND	0.5	2.5	ND	ND	18	144	ND	ND	ND	ND	0.6
Арі Мау	0.5	ND	25	0.0	0.8	ND	2.6	ND	37	23	ND	0.2	31	ND	ND	29	ND	ND	1.3	ND	ND	2.3	9	0.9	ND	ND	0.7	2.5	ND	ND	18	120	ND	ND	ND	ND	0.5
Jun	0.8	ND	33	0.7	0.3	ND	2.5	0.2	49	47	ND	0.2	38	ND	ND	41	ND	ND	0.6	ND	ND	2.6	9	1.1	ND	ND	ND		ND	ND	21	185	ND	ND	ND	ND	ND
Jul	0.9	ND	32	0.7	0.3	ND	2.6	0.8	50	76	ND	0.4	38	ND	ND	39	ND	ND	0.8	ND	ND	2.5	9	0.8	ND	0.6	ND	3.3	ND	ND	21	212	ND	ND	ND	0.8	0.8
Aug	0.8	ND	34	0.7	ND	ND	2.5	0.2	56	44	ND	0.4	38	ND	ND	38	ND	ND	0.8	ND	ND	2.7	9	1.1	ND	0.7	0.6		ND	ND	25	206	ND	ND	ND	0.7	ND
Sep	0.9	ND	36	0.7	ND	ND	2.5	ND	59	51	ND	0.4	40	ND	ND	35	ND	ND	1.2	ND	ND	3.6	11	0.7	ND	0.9	0.8		ND	ND	28	230	ND	ND	ND	0.8	0.8
Oct	0.9	ND	34	0.7	0.2	ND	2.5	0.3	58	43	ND	0.3	41	ND	ND	48	ND	ND	1.1	ND	ND	2.9	9	0.6	ND	1.0	0.7	3.4	ND	ND	26	250	ND	ND	ND	0.6	ND
Nov	0.8	ND	37	0.6	0.5	ND	2.6	ND	65	50	ND	0.2	42	ND	ND	55	ND	ND	1.1	ND	ND	3.2	10	0.7	ND	0.8	0.7		ND	ND	28	266	ND	ND	ND	ND	0.5
Dec	0.8	ND	29	0.6	1.1	ND	2.6	0.3	41	15	ND	ND	33	ND	ND	35	ND	ND	1.2	ND	ND	2.2	8	0.7	ND	ND	0.7		ND	ND	21	193	ND	ND	ND	ND	0.7
						I I	Finis	r	r	24			20		ND	20	ND		20		ND	4.5	0		ND		ND	2.0	ND	ND	40	402	ND	ND			
Jan	0.8	ND	33 35	0.7	2.1	ND ND	2.7	0.3	35	24	ND	ND	32 31	ND	ND ND	28 30	ND ND	ND ND	3.9	ND	ND	1.5	9	0.3	ND	ND	ND ND	2.9	ND	ND	19	123	ND	ND ND	ND ND	ND ND	ND ND
Feb Mar	0.7 ND	ND ND	28	0.6 0.7	1.9 1.5	ND	2.6 2.5	0.3 0.3	36 37	14 16	ND ND	ND ND	31	ND ND	ND	26	ND	ND	2.8 2.5	ND ND	ND ND	1.6 1.8	7 7	ND ND	ND ND	ND ND	0.5		ND ND	ND ND	19 15	152 147	ND ND	ND	ND	ND	ND
	ND	ND	20	0.7	0.9	ND	2.5	0.3	37	33	ND	ND	35	ND	ND	35	ND	ND	2.5	ND	ND	2.1	, 8	ND	ND	ND	0.5		ND	ND	17	139	ND	ND	ND	ND	ND
Apr May	0.5	ND	29	0.7	0.9	ND	2.5	ND	39	33	ND	ND	35	ND	ND	26	ND	ND	2.0 5.7	ND	ND	1.8	。 7	0.3	ND	ND	ND	2.4	ND	ND	17	139	ND	ND	ND	ND	ND
Jun	0.8		33	0.7	0.3	ND	2.5	ND	48	98	ND	ND	35	ND	ND	34	ND	ND		ND		2.0	, 9	0.5	ND	ND	ND		ND	ND	18	167		ND	ND	ND	ND
Jul	0.8		34	0.8	0.3	ND	2.5	ND	47	58	ND	0.2	42	ND	ND	37	ND	ND	7.3			2.7	7	0.4	ND	0.6	ND	3.1	ND	ND	21	215		ND	ND	ND	ND
Aug	0.9		35	0.7	ND		2.4	0.2	54	57		0.4	38	ND	ND	35	ND	ND				2.4	7	0.2	ND	0.7	ND			ND	21	213		ND	ND		ND
Sep		ND	37		ND	ND	2.4	ND	62	42		0.4	39	ND	ND	36	ND	ND			ND		10	0.2	ND	0.9	ND				24	233		ND	ND	0.5	ND
Oct		ND	36	0.7	ND	ND	2.4	0.2	60	38		0.3	37	ND	ND	39	ND		10.5			2.9	10	ND	ND	0.7	0.7	3.3	ND		21	214		ND	ND	0.5	ND
Nov	0.9		39	0.7	0.4	ND	2.5	0.3	65	54	ND	ND	39	ND	ND	48	ND				ND	3.1	9	ND	ND	0.8	0.7		ND	ND	24	247	ND	ND	ND	ND	ND
Dec	0.8	ND	31	0.6	1.0	ND	2.4	0.2	50	25	ND	ND	38	ND	ND	34	ND	ND	6.0	ND	ND	2.8	8	0.4	ND	0.5	0.8		ND	ND	20	212	ND	ND	ND	ND	0.7
EPA MCL* = E	nvironme	ental Pro	tection A	Agency's	Maximu	im Conta	minant L	evel for	regulate	d param	eters	•		ppm = P	arts Per	Million		•	ppb = P	arts Per	Billion			ND = No	t Detecto	ed			"" = N	o Analys	is Requi	red				Pa	ge 2 of 7



			Miscel	laneo	us Pł	nysica	l Para	meter	s		Micro	oorgai	nisms		Ha	oacet	ic Aci	ds (H	AAs)		Tril	nalom	ethane	es (TH	Ms)						Vola	atile C	rgani	c Con	poun	ds (VC	DCs)					
	Н	ALKALINITY	CONDUCTIVITY	TEMPERATURE	CHLORINE	TOTAL HARDNESS	TOTAL ORGANIC CARBON	TOTAL DISSOLVED SOLIDS	TOTAL SUSPENDED SOLIDS	TURBIDITY (Average)*	TOTAL COLIFORM (% positive)	<u>E. COLI</u> (% 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	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
EPA MCL*																										5							5	100						<u> </u>	75	600
Units		ppm	µS/cm	°F	ppm	ppm	ppm	ppm	ppm	NTU	%+	%+	CFU/m	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
	Dala	oor!	a Wat	or T		no-+	Diard	Eini	chod	Wate	~r																															
Jan	7.7	92	a vva 357	47	3.5	1	1	r	1	1	1	0.0	<1								13.2	5.9	1.2	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Feb	7.7	86	359	48	3.4	118		207	-	0.02		0.0	<1	ND	6.0	ND	 ND	 5.8		 2.1	7.1	5.5	1.2	ND	14	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND
Mar	7.7	80	322	52	2.8	121		173	ND			0.0	<1		0.0			5.0			15.9		2.0	ND	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr	7.7	95	343	65	2.8	141		192		0.02		0.0	<1								18.5		2.0	ND	30	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Дрі Мау	7.7	83	319	67	3.0	109		163	ND			0.0	<1	ND	19.3		1.7	22.4		4.0	28.8		3.4	ND	45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jun	7.7	105		74	3.7	103		240	ND	-		0.0	<1									13.4		ND	43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND
Jul	7.7	107	410	82	3.7	137		221	-	0.04		0.0	3									14.2		ND	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND
Aug	7.7	96	394	80	3.5		2.0	248		0.04		0.0	7	ND		ND		16.5	-	5.2	-	14.6		ND	54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sep	7.7	97	389		3.7	134		221		0.04		0.0	37									17.5		ND	69	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oct	7.7	112		66	3.8	159		241	ND			0.0	11									12.2		ND	37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nov	7.7	121	448	55	3.7	180		296	ND	-		0.0	1	ND	8.5			8.6	-	4.3	-	12.4		ND	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND
Dec	7.7	83	379		3.6	_	2.4	220		0.04		0.0	1								23.3		0.8	ND	31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND
						1	1										ļ	ļ		ļ																				L		<u> </u>
	McN	lillan	Wate	r Tre	atm	ent P	lant	Finis	hed \	Water	r																															
Jan	7.7	84	336	50	3.5	121	1.7	198	ND	0.01	0.0	0.0	<1								9.8	5.4	1.3	ND	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Feb	7.7	83	343	51	3.3	118	1.6	203	ND	0.01	0.0	0.0	<1	ND	8.1	ND	ND	8.4	17	1.9	10.6	5.4	1.2	ND	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar	7.7	74	313	54	3.1	114	1.6	154	ND	0.02	0.0	0.0	<1								18.2	8.0	1.8	ND	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr	7.7	87	319	63	3.1	128	1.6	177	ND	0.02	0.0	0.0	<1								22.5	9.5	2.1	ND	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Мау	7.7	79	319	67	3.2	111	1.9	150	ND	0.03	0.0	0.0	<1	ND	17.2	ND	2.3	18.0	38	3.1	33.3	13.6	3.8	ND	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jun	7.7	96	360	72	3.7	136	1.8	215	ND	0.04	0.0	0.0	<1								30.0	13.5	4.1	ND	48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jul			378																		52.7	15.3	3.4	ND	71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aug	7.7	91	369	79	3.7	130	2.1	228	ND	0.03	0.0	0.0	3	ND	19.6	ND	1.9	21.0	43	4.9	49.5	16.3	3.6	ND	69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sep	7.7	87	391	76	3.7	145	2.2	250	ND	0.03	0.0	0.0	2								40.4	19.7	7.3	0.6	68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oct	7.7	96	403	69	3.7	151	2.0	263	ND	0.03	0.0	0.0	1								30.5	16.6	5.8	ND	53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nov	7.7	115	443	61	3.7	184	1.8	279	ND	0.02	0.0	0.0	1	ND	6.9	ND	ND	9.4	16	3.4	16.1	12.7	4.5	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dec	7.7	81	373	54	3.5	132	2.3	240	ND	0.02	0.0	0.0	1								21.4	10.0	1.8	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA MCL* = E	Environn	nental F	Protectio	n Agen	cy's Ma	aximum	Contan	ninant L	evel for	r regulat	ted para	ameters			ppm =	Parts F	er Milli	on			ppb =	Parts Pe	er Billion	n				ND = N	ot Dete	cted				"" =	No Anal	ysis Re	quired			_	Pag	e 3 of 7

ppm = Parts Per Million Turbidity* = Water turbidity after filters

CFU/mL = Colony Forming Units per milliLiter

NTU = Nephelometric Turbidity Units



																																						0	xygen	ates	& Oth	er VO	Cs		
	ų			E						ш											Е	ш								ш								IK)		šE)	ИЕ)	(TBEE)			NE
	DICHLORODIFLUOROMETHANE	ANE	ANE	trans-1,2-DICHLOROETHYLENE	cis-1,2-DICHLOROETHYLENE	LENE	ANE	PANE	PANE	trans-1, 3-DICHLOROPROPENE	cis-1,3-DICHLOROPROPENE	DENE	ш	HEXACHLOROBUTADIENE	INE	IENE	RIDE		NE		1,1,1,2-TETRACHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	TETRACHLOROETHYLENE		1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	HANE	1,1,2-TRICHLOROETHANE	ENE	TRICHLOROFLUOROMETHANE	1,2,3-TRICHLOROPROPANE	1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	s	ш	EK)	3K)	4-METHYL-2-PENTANONE (MIBK)	ĒR	МЕТНҮL ТЕRT-ВUTYL ETHER (MTBE)	ГЕКТ-АМҮL ЕТНҮL ЕТНЕК (ТАМЕ)	er (te	ш	BE	TRICHLOROTRIFLUOROETHANE
	OROM	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	ROET	ROETH	1,1-DICHLOROETHYLENE	1,3-DICHLOROPROPANE	2,2-DICHLOROPROPANE	1,2-DICHLOROPROPANE	ROPF	ROPR	1,1-DICHLOROPROPENE	ETHYLBENZENE	BUTA	ISOPROPYLBENZENE	4-ISOPROPYLTOLUENE	METHYLENE CHLORIDE	NAPHTHALENE	n-PROPYLBENZENE	INE	LORO	LORO	DETHY	UE NE	ROBEI	ROBEI	1,1,1-TRICHLOROETHANE	ROET	TRICHLOROETHYLENE	DROM	ROPRO	YLBEN	YLBEN	TOTAL XYLENES	VINYL CHLORIDE	2-BUTANONE (MEK)	2-HEXANONE (MBK)	ANON	DI-ISOPROPYL ETHER	LETH	ETHE	ТЕКТ-ВИТҮL ЕТНҮL ЕТНЕК	BROMOETHANE	CARBON DISULFIDE	UORG
	OIFLU	HLOR	HLOR	снго	HLOF	LORO	ILORG	ILORG	ILORG	СНГС	CHLOI	ILOR	YLBE	LORO	оруц	коруг	ENE	нтн	ругв	STYRENE	RACH	RACH	ILOR	IOLUENE	ынго	HLOF	СНГО	снго	OROE	DFLUG	HLOF	ЛЕТН	ЛЕТН	AL XY	L CHI	ANO!		-PEN1	ROP	-BUTY	ЕТНУГ	ЕТНҮ	DMOE:		TRIFL
	OROL	1-DICI	2-DICI	1,2-DI	,2-DIC	-DICH	DICH	DICH	DICH	-1,3-DI	,3-DIG	-DICH	ETH	ACHI	SOPR	SOPR	ΞТНΥΙ	NAF	-PRO	0)	TETF	TETF	RACH	-	3-TRIC	+TRIC	1-TRI	2-TRI	RICHL	ILORG	5-TRIC	4-TRIN	5-TRIN	тот	VINY	2-BUT	2-НЕХ	+YL-2	I-ISOF	- TERT	MYLE	υτγL	BRC	CARB	LORO
	DICHL	÷,	÷	rans-	cis-1	1,1	1,3	2,2	1,2	trans-	cis-1	7,1		Ĥ		4	M		_		1,1,2	1,1,2,2	ΤΞ		1,2,3	1,2,4	1,1,	1,1,	Ħ	TRICH	1,2,3	1,2,4	1,3,					-MET		ЕТНУІ	RT-A	RT-BI		Ũ	RICHI
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	ENE	ENE	Я	N	~		ALDICARB SULFONE	ALDICARB SULFOXIDE		ų	AROCHLOR 1016 (PCBs)	AROCHLOR 1221 (PCBs)	AROCHLOR 1232 (PCBs)	AROCHLOR 1242 (PCBs)	AROCHLOR 1248 (PCBs)	AROCHLOR 1254 (PCBs)	AROCHLOR 1260 (PCBs)	s			-	BENZ(a)ANTHRACENE	BENZO(b)FLUORANTHENE	BENZO(g,h,l)PERYLENE	ENE	BENZO(K)FLUORATHENE					Я	BUTYLBENZYLPHTHALATE			AN	ANE	gamma-CHLORDANE	ш	CHLORPYRIFOS (DURSBAN)	LATE	В	ONIL			
	НТН	тни	СНГО	DURFI	ALACHLOR	ALDICARB	3 SUL	SULF	ALDRIN	ACE	1016	1221	1232	1242	1248	1254	1260	L PCB	ATRAZINE	BAYGON	BENTAZON	ITHR/	JORA	I) PER	ı)PYR	.UOR/	alpha-BHC	beta-BHC	delta-BHC	BROMACIL	снго	гнал	CAFFEINE	CARBARYL	JF UR	LORD	HLOR	RDAN	a) sc	BNZI	RONE	THAL	CHRYSENE	2,4-D	DALAPON
	ACENAPHTHENE	ACENAPHTHYLENE	ACETOCHLOR	ACIFLOURFEN	ALAC	ALDI	ICAR	CARB	ALI	ANTHRACENE	нгов	нгов	нгоя	нгоя	нгог	нгов	нгов	TOTAL PCBs	ATR	BA)	BENI	Z(a)AN	(p)FL	d(g,h	BENZO(a)PYRENE	(K)FL	alphi	beta	delta	BRO	BUTACHLOR	BENZ	CAF	CARE	CARBOFURAN	alpha-CHLORDANE	ma-CI	CHLORDANE	γRIF	CHLOROBENZILATE	CHLORONEB	CHLOROTHALONIL	CHR	6	DAL
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EPA MCL* = E	nviron	mental	Protec	ion Ag	ency's	Maxim	um Cor	ntamin	ant Lev	el for r	egulate	ed para	meters							ppb =	Parts F	Per Billi	on				ND = N	lot Dete	cted					"" =	No Ana	lysis R	Required	d						Pag	e 5 of 7



																				S	ynthe	tic Or	rganic	: Com	poun	ds																			
	2,4-DB	DCPA MONO & DIACID DEGRADATE	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-ЕТНҮLНЕХҮL) АDIРАТЕ	di-(2-ЕТНҮLHEXYL)РНТНАLATE	DIMETHOATE	DIMETHYLPHTHALATE	DI-N-BUTYLPHTHALATE	DI-N-OCTYLPHTHALATE	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	DINOSEB	DIQUAT	ENDOTHALL	ENDRIN	ENDRIN ALDEHYDE	EPTC	FLUORANTHENE	FLUORENE	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
																400	6					<u> </u>	├	7		400						700					\vdash							$\mid - \mid$	
EPA MCL*	nnh	nnh	nnh	nnh	nnh	nnh	nnh	nnh	nnh	nnh	nnh	nnh	nnh	nnh	nnh	400		nnh	nnh	nnh	nnh	nnh	nnh		20	100	2	nnh	nnh	nnh	nnh	700	0.4	0.2	1	50	nnh	nnh	nnh	0.2	nnh	nnh	nnh	nnh	nnh
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
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EPA MCL* =	Environ	mental	Protec	tion Ag	ency's	Maxim	um Co	ntamin	ant Lev	vel for re	gulate	d paran	neters							ppb =	Parts F	Per Billio	ion				ND = N	Not Det	ected					"" =	No Ana	lysis R	Required	d						Dee	e 6 of



													Synt	thetic	Orga	nic C	ompo	unds									N	liscell	aneou	us			N	litrosa	amine	s				Rad	ionuc	lides	
	МЕТНОМҮL	METHOXYCHLOR	1-METHYLNAPHTHALENE	METOLACHLOR	METRIBUZIN	MOLINATE	1-NAPHTHOL	trans-NONACHLOR	ОХАМҮL	PARAQUAT	PARATHION	PENDIMETHALIN	PERMETHRIN	PENTACHLOROPHENOL	PHENANTHRENE	PICLORAM	PROPACHLOR	PYRENE	SIMAZINE	TERBACIL	TERBUTHYLAZINE	THIOBENCARB	TRIFLURALIN	TOXAPHENE	2,4,5-T	2,4,5-TP (SILVEX)	DIBROMOCHLOROPROPANE (DBCP)	ETHELYNE DIBROMIDE (EDB)	CVANIDE	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)	GROSS ALPHA PARTICLE ACTIVITY	GROSS BETA PARTICLE ACTIVITY	RADIUM-226 & RADIUM-228	STRONTIUM-90	TRITIUM
EPA MCL*		40							200					1		500			4					3		50	200	50	0.2	30									15	50**	5		
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	ppt	ppt	ppm	ppq	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
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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	2.7	0.8	ND	ND
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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	1.7	ND	0.4	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	1.4	ND	0.2	ND
Мау														ND		ND									ND	ND																	
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	ND	ND	1.7	2.8	ND	0.2	ND
Aug																													ND														
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			1.5	3.0	ND	ND	ND
Nov				ND	ND	ND																																					
Dec																																											
EPA MCL* = E	Inviron	nental	Protecti	on Age	ncy's N	laximui	m Cont	aminan	t Level 1	for regu	lated p	aramete	ers						Per Milli			ppb =						Parts Pe		on (ng/L								= Picocu		er Liter		P	age 7 o

ppm = Parts Per Million (mg/L) ppb = Parts Per Billion (µg/L) ppt = Parts Per Trillion (ng/L) ** 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.

ND = Not Detected

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