

Washington Aqueduct

U.S. ARMY Corps of Engineers

Annual Report of Water Analysis 2019

Prepared by:

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Approved by the Chief, Washington Aqueduct





Potomac River Raw Water Supply

	Potoma	C River R	aw Water			waisal Da					r –										Mioroor				
			1	MISCEII	aneous Pi	nysical Pa	rameters				1				organic lo	ons					MICTOOR	ganisms	1		
	На	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. COLL	<u>GIARDIA</u> Great Falls Intake	<u>CRYPTOSPORIDIUM</u> Great Falls Intake		
		ppm	uS/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	7.6	69	253	239	3	242	41	108	2.0	15	ND	ND	29	ND	2.1	ND	ND	1.3	20	2498	148	0.56	ND		
Feb	7.5	65	303	196	95	291	42	96	1.9	15	ND	ND	39	ND	2.1	ND	ND	ND	19	1332	124	0.56	0.19		
Mar	7.5	65	274	120	32	152	46	101	2.3	18	ND	ND	29	ND	2.0	ND	ND	0.4	19	830	47	ND	ND		
Apr	7.7	75	280	167	74	241	58	109	2.8	10	ND	ND	25	ND	1.9	ND	ND	0.4	21	5977	1251	0.19	ND		
Мау	7.6	73	243	164	72	236	66	105	3.7	13	ND	ND	21	ND	1.7	ND	ND	0.3	18	15424	678	0.47	ND		
Jun	7.7	94	339	232	9	241	75	132	2.2	8	ND	ND	32	ND	2.0	ND	ND	0.3	28	3660	37	ND	0.10		
Jul	7.7	82	301	208	15	223	81	118	3.4	13	ND	ND	29	ND	1.6	ND	ND	0.3	24	39860	586	0.28	ND		
Aug	8.0	102	310	257	11	268	85	134	2.4	9	ND	ND	29	0.11	1.4	ND	ND	0.4	30	10769	125	0.09	ND		
Sep	8.1	111	415	216	4	220	82	165	2.1	6	ND	ND	31	0.12	1.2	ND	ND	0.3	44	2415	17	0.74	ND		
Oct	8.1	109	416	254	1	255	70	160	2.2	5	0.05	ND	34	0.11	1.2	ND	ND	0.3	42	1785	48	ND	ND		
Nov	8.0	95	388	209	3	212	53	147	3.4	10	0.05	ND	34	ND	2.0	ND	ND	0.3	30	1732	100	0.19	ND		
Dec	8.3	75	320	185	5	190	46	118	3.0	6	ND	ND	38	ND	2.1	ND	ND	0.3	24	7819	343	0.19	0.28		
													Metals												
	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	снкоміим	COBALT	COPPER	RON	LEAD	LITHIUM	MAGNESIUM	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	WNIGOS	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	506	ND	0.3	38	ND	ND	34	ND	0.6	2.4	767	1.2	1.8	6	65	ND	1.7	ND	ND	16	113	ND	ND	ND	6.3
Feb	143	ND	0.4	36	ND	ND	30	ND	ND	1.4	199	0.4	1.6	5	35	ND	1.1	ND	ND	25	121	ND	ND	ND	2.5
Mar	138	ND ND	0.3	38 39	ND ND	ND ND	30	ND ND	0.3 ND	1.2 1.2	252 137	0.4 ND	1.8	6 6	36 32	ND ND	1.3	ND	ND	14 13	121 144	ND ND	ND	ND ND	4.0 1.6
Apr	82		ND 0.2		ND		35	ND		1.2	440		1.8	6	32 57	ND	0.8	ND	ND ND	13	144	ND	ND	ND 0.2	1.6 3.1
May	292 192	ND	0.3	42 44	ND ND	ND	32	ND	0.4		440 275	0.6	2.2	6 7	39	ND 0.6	1.2 0.9	ND	ND	12	140	ND	ND ND		3.1 2.1
Jun Jul	247	ND ND	0.3	44	ND	ND ND	40 36	ND	0.3 0.4	1.9 2.1	380	0.4	2.0 2.2	7	- 39 - 60	0.8	1.4	ND ND	ND	16	159	ND	ND	0.3 0.3	3.2
Aug	965	ND	0.8	35	ND	ND	40	2.3	1.3	4.2	1458	1.6	1.5	9	79	ND	3.8	ND	ND	14	86	ND	ND	0.3	5.8
Sep	142	ND	ND	46	ND	ND	40	ND	ND	2.0	1456	0.9	2.7	9 11	37	0.9	ND	ND	ND	17	227	ND	ND	0.2	4.3
Oct	142	ND	ND	53	ND	ND	40	ND	0.2	1.7	95	ND	3.3	11	27	1.0	1.0	ND	ND	19	252	ND	ND	0.3	4.5
Nov	296	ND	ND	39	ND	ND	43	ND	0.2	2.3	281	0.4	1.9	10	70	ND	1.0	ND	ND	18	171	ND	ND	ND	4.7
Dec	176	ND	ND	33	ND	ND	34	ND	ND	1.9	205	ND	1.4	8	40	ND	0.7	ND	ND	17	156	ND	ND	ND	4.7
ppm = Parts	Per Million	1	ppb = Parts	Per Billion		ND = Not De	etected	1	MPN/100mL	. = Most Prol	bable Numbe	r per 100 mil	liLiters	NTU = Neph	elometric Tu	urbidity Units	ı	μS/cm = mic	roSiemens	per centimet	er	"" = No A	nalysis Requ	ired	L



	[Inor	rganic	lons																	Metals													
	TOTAL AMMONIA - N	BROMIDE	CHLORIDE	FLUORIDE	NITRATE - N	NITRITE - N	ORTHOPHOSPHATE - PO4	PERCHLORATE	SULFATE	WNINN	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	снкомии	СОВАLТ	COPPER	IRON	LEAD	ГІТНІИМ	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	NUDOS	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	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb
lan	Dalec	arlia ND	Water 27	Treat	tment 2.1	t Plant	Finis	hed V	Vater 32	19	ND	ND	29	ND	ND	34	ND	ND	0.7	ND	ND	1.1	6	0.8	ND	ND	0.6	ND	ND	24	100	ND	ND	ND	ND	0.5
Jan Feb	0.6	ND	47	0.6	2.1	ND	2.3	0.6	33	21	ND	ND	33	ND	ND	34	ND	ND	0.7	ND	ND	1.1	6	0.8	ND	ND	0.0	ND	ND	24	129	ND	ND	ND	ND	0.5
Mar	0.6	ND	36	0.6	1.9	ND	2.4	0.5	31	16	ND	ND	32	ND	ND	33	ND	ND	1.2	ND	ND	1.1	6	0.0	ND	ND	0.7	ND	ND	23	112	ND	ND	ND	ND	0.6
Apr	ND	ND	30	0.7	1.9	ND	2.3	0.3	33	22	ND	ND	35	ND	ND	37	ND	ND	0.8	ND	ND	1.1	6	0.5	ND	ND	0.5	ND	ND	18	132	ND	ND	ND	ND	0.5
Мау	0.6	ND	27	0.7	1.7	ND	2.3	0.2	32	25	ND	ND	36	ND	ND	36	ND	ND	0.8	ND	ND	1.3	5	0.5	ND	ND	ND	ND	ND	18	132	ND	ND	ND	ND	ND
Jun	0.7	ND	36	0.7	2.0	ND	2.4	0.3	37	31	ND	0.2	40	ND	ND	39	ND	ND	1.1	ND	ND	1.4	7	0.9	ND	0.5	0.5	ND	ND	24	148	ND	ND	ND	0.5	ND
Jul	0.8	ND	32	0.8	1.5	ND	2.4	0.4	41	53	ND	0.2	43	ND	ND	38	ND	ND	1.0	ND	ND	1.7	6	1.1	ND	0.8	ND	ND	ND	20	177	ND	ND	ND	0.6	ND
Aug	0.8	ND	36	0.8	1.4	ND	2.4	0.4	46	58	ND	0.3	43	ND	ND	46	ND	ND	1.0	ND	ND	1.7	9	1.0	ND	0.9	0.6	ND	ND	22	189	ND	ND	ND	0.6	ND
Sep	0.8	ND	37	0.7	1.2	ND	2.4	0.3	54	81	ND	ND	42	ND	ND	50	ND	ND	1.0	ND	ND	1.8	11	1.0	ND	0.9	0.6	ND	ND	23	222	ND	ND	ND	ND	ND
Oct	0.9	ND	41	0.7	1.1	ND	2.4	0.3	57	106	ND	0.3	50	ND	ND	46	ND	ND	1.2	ND	ND	2.7	12	1.0	ND	1.0	0.8	ND	ND	26	252	ND	ND	0.2	0.5	ND
Nov	0.8	ND	35	0.7	1.8	ND	2.4	0.2	46	23	ND	ND	32	ND	ND	42	ND	ND	1.5	ND	ND	1.6	9	0.7	ND	0.6	0.7	ND	ND	20	132	ND	ND	ND	ND	ND
Dec	0.9	ND	37	0.6	2.0	ND	2.4	0.3	43	21	ND	ND	32	ND	ND	40	ND	ND	1.3	ND	ND	1.3	9	0.7	ND	0.6	0.5	ND	ND	21	187	ND	ND	ND	ND	1.0
						Plant				45	ND	ND		ND	ND		ND	ND		ND	ND	4.0		ND	ND	ND	0.7	10	ND	00	00	ND	ND	ND		
Jan	0.8	ND	26	0.7	2.1	ND ND	2.4	0.4	33	15	ND ND	ND	29	ND	ND	28	ND	ND ND	3.5	ND	ND ND	1.2	6	ND	ND ND	ND ND	0.7	ND	ND	20	96	ND	ND	ND	ND	0.5 0.8
Feb Mar	0.6 0.6	ND ND	42 37	0.7 0.7	2.2 1.8	ND	2.4 2.5	0.6 0.6	33 32	18 14	ND	ND ND	31	ND ND	ND ND	29 28	ND ND	ND	2.8 2.3	ND ND	ND	1.3	6 6	0.2 ND	ND	ND	0.8 0.6	ND ND	ND ND	27 22	109 106	ND ND	ND ND	ND ND	ND ND	0.8
	ND	ND	32	0.7	1.8	ND	2.5	0.8	34	14	ND	ND	30 31	ND	ND	20 29	ND	ND	2.5	ND	ND	1.1 1.0	6	ND	ND	ND	ND	ND	ND	19	108	ND	ND	ND	ND	1.2
Apr May	0.6	ND	27	0.7	1.6	ND	2.4	0.3	35	29	ND	ND	34	ND	ND	29	ND	ND	6.1	ND	ND	1.5	4	ND	ND	ND	ND	ND	ND	18	118	ND	ND	ND	ND	ND
Jun	0.7	ND	37	0.8	1.8	ND	2.4	0.8	38	55	ND	ND	41	ND	ND	36	ND	ND	7.6	ND	ND	1.3	7	0.5	ND	ND	ND	ND	ND	20	152	ND	ND	ND	ND	ND
Jul	0.8	ND	34	0.7	1.5	ND	2.4	0.4	42	55	ND	ND	41	ND	ND	27	ND	ND	6.9	ND	ND	1.6	7	0.3	ND	0.7	ND	ND	ND	20	165	ND	ND	ND	ND	ND
Aug	0.9	ND	35	0.7	1.3	ND	2.4	0.3	48	54	ND	0.2	41	ND	ND	37	ND	ND	6.8	ND	ND	1.3	9	0.2	ND	0.8	ND	ND	ND	21	189	ND	ND	ND	ND	ND
Sep	0.8	ND	38	0.8	1.3	ND	2.3	0.4	54	52	ND	ND	40	ND	ND	45	ND	ND	6.4	ND	ND	1.5	10	ND	ND	0.8	ND	ND	ND	22	210	ND	ND	ND	ND	ND
Oct	0.8	ND	40	0.7	1.0	ND	2.4	0.3	59	83	ND	0.3	47	ND	ND	44	ND	ND	8.0	ND	ND	2.1	13	ND	ND	1.0	ND	ND	ND	24	244	ND	ND	ND	ND	ND
Nov	0.8	ND	37	0.7	1.7	ND	2.5	0.2	48	37	ND	ND	38	ND	ND	38	ND	ND	12.5	ND	ND	2.2	9	ND	ND	0.8	0.7	ND	ND	23	186	ND	ND	ND	ND	ND
Dec	0.8	ND	40	0.6	1.9	ND	2.5	0.4	43	16	ND	ND	32	ND	ND	30	ND	ND	9.5	ND	ND	1.4	9	ND	ND	0.6	0.5	ND	ND	24	183	ND	ND	ND	ND	0.7
*EPA MCL = E	nvironme	ental Prot	ection A	gency's	Maximui	m Contan	ninant Le	evel for re	egulated	paramete	ers			ppm = P	arts Per	Million			ppb = Pa	arts Per I	Billion			ND = No	t Detecte	ed		"" = N	o Analys	is Requir	ed					<u> </u>



			Misce	llanec	ous Ph	iysica	l Para	meters	3		Micro	oorgar	nisms		Hal	oaceti	c Aci	ds (HA	As)		Tri	halom	ethan	es (TH	Ms)					١	Volatil	e Orga	anic C	ompo	unds	(VOCs	5)				
	Hd	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
EPA MCL*																										5							5	100					-		75
Units		ppm	uS/cm	°F	ppm	ppm	ppm	ppm	ppm	NTU	%+	%+	CFU/mL	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
																																							<u> </u>		
	Dale	carlia	a Wat	ter Tr	eatm	ent F	Plant	Finis	hed \	Water																															
Jan	7.7	66	277	45	3.7	109	1.2	204	ND	0.02	0.0	0.0	<1								5.0	3.4	1.1	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Feb	7.7	65	356	44	3.6	109	1.2	181	ND	0.02	0.0	0.0	<1	ND	4.3	ND	ND	3.6	8	1.7	5.2	3.7	1.3	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar	7.7	61	321	50	3.6	106	1.3	173	ND	0.02	0.0	0.0	<1								7.8	3.6	1.1	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr	7.7	71	327	62	3.2	116	1.7	197	1	0.02	0.8	0.0	<1								18.0	8.4	2.3	ND	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Мау	7.7	69	285	69	3.6	107	1.7	214	ND	0.02	0.0	0.0	<1	ND	12.3	ND	1.4	15.1	29	1.8	24.0	5.5	0.7	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jun	7.7	88	357	77	3.8	125	1.5	265	3	0.02	0.0	0.0	2	-		-					23.0	9.2	2.1	0.5	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jul	7.7	82	336	83	3.8	122	1.8	227	ND	0.03	0.0	0.0	2		1	1	ł		I		46.0	14.0	3.3	ND	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aug	7.7	96	381	82	3.8	151	1.8	288	4	0.03	0.0	0.0	4	ND	12.7	ND	1.6	13.2	28	4.4	29.0	14.0	4.1	ND	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sep	7.7	103	447	78	3.7	168	1.6	246	ND	0.03	0.0	0.0	3								19.0	11.0	3.5	ND	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oct	7.7	103	459	68	3.8	166	1.6	269	4	0.02	0.0	0.0	3								12.5	9.7	3.9	ND	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nov	7.7	87	387	54	3.7	141	2.0	205	ND	0.02	0.0	0.0	<1	ND	13.0	ND	1.6	16.0	31	3.0	17.0	6.8	1.3	ND	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dec	7.7	73	372	47	3.7	139	1.8	246	ND	0.02	0.0	0.0	<1								11.0	5.1	1.5	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	McN	lillan	Wate	er Tre	atme	ent Pl	ant F	inish	ed W	/ater				1								1		1		1										1					
Jan	7.7	58	263	52	3.7	103	1.2	166	1	0.01	0.0	0.0	2								4.4	3.1	1.2	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND
Feb	7.7	59	341	51	3.7	101	1.1	184	ND	0.01	0.0	0.0	10	ND	4.4	ND	ND	3.1	8	1.8	4.3		1.3	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar	7.7	51	304	54	3.6	95		174	1	0.01	0.0	0.0	20								6.0	-	1.5	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr	7.7	62	308	65	3.1	106	1.5	188	1	0.02	0.0	0.0	5								14.0	-	2.3	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Мау	7.6	57	269	71	3.7	95	1.7	207	1	0.02	0.0	0.0	<1	ND	13.5	ND	1.2	16.5	31	2.3	30.0	-	0.9	ND	37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jun	7.7	77	340	76	3.6	122		234	3	0.04	0.0	0.0	<1								28.0	-	2.3	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jul	7.7	75	336	82	3.7	119		207	ND	0.03	0.0	0.0	1								28.0		3.0	ND	41	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND		ND
Aug	7.7	84	348	82	3.7	136		242	4	0.03		0.0	2	ND	16.7	ND	1.7	17.0	35	4.0		13.0			57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND
Sep	7.7	94	437	78	3.8	158		235		0.03		0.0	2									13.0		0.6	44	ND	-	ND				ND	ND	ND	ND	ND		ND		ND	ND
Oct	7.8	97	459	70	3.7	167		255		0.02		0.0	6									10.5		0.7	31	ND				ND	ND	ND	ND	ND		ND		ND			ND
Nov	7.7	82	392	56	3.7	140		154		0.01	0.0	0.0	1	ND	16.0	ND	2.0	18.0	36	2.7		7.2		ND	34	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND		ND		ND
Dec	7.7	69	365	50	3.8	126		229		0.01	0.0	0.0	<1									5.2	1.3	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
*EPA MCL = E				-	cy's Max	kimum (inant Le		-						Parts Pe		n Turbidit				Parts Pe						ND = N	ot Detec	ted			"" = 1	No Anal	ysis Re	quired					

Turbidity* = Water turbidity after filters

CFU/mL = Colony Forming Units per milliLiter

NTU = Nephelometric Turbidity Units

ppb = Parts Per Billion µS/cm = microSiemens per centimeter

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		1	1					1		1			r		r	Vol	atile (Orgar	nic Co	mpou	unds	r	1	1			r	r	1	1								1	Oxyg	jenate	es & C	Other '	VOCs		
	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	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)	4-METHYL-2-PENTANONE (MIBK)	DI-ISOPROPYL ETHER	МЕТНҮС ТЕRT-ВUTYL ETHER (МТВЕ)	TERT-AMYL ETHYL ETHER (TAME)	ТЕКТ-ВИТҮL ЕТНҮL ЕТНЕК (ТВЕЕ)	BROMOETHANE	CARBON DISULFIDE	TRICHLOROTRIFLUOROETHANE
EPA MCL*	600			5	100	70	7			5				700				5			100			5	1000		70	200	5	5					10,000	2									
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*EPA MCL = E	nvironr	mental	Protect	ion Aa	encv's	Maximu	um Cor	ntamina	ant Leve	el for re	aulate	d paran	neters	•	•		•	•	•	= dag	Parts F	er Billi	on	•			ND = N	Not Dete	ected					"" =	No Ana	Ivsis R	eauirea		•	•	•	•			

ND = Not Detected



Image: Serie																				Syn	thetic	Orga	nic Co	mpou	unds																		
mat m		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)	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)	CHLOROBENZILATE	CHLORONEB	CHLOROTHALONIL
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			1												1				Syn	thetic	Orga	nic Co	трог	inds					1													
	CHRYSENE	2,4-D	DALAPON	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-ЕТНҮLНЕХҮL)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
EPA MCL*		70	200																400	6							7	20	100	2					700	0.4	0.2	1	50			
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
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																		Synthe	etic O	ganic	Comp	ounds	6								N	liscell	aneou	s		1	Vitrosa	mines	5	
	LINDANE	ENDOSULFAN I (alpha)	ENDOSULFAN II (beta)	ENDOSULFAN SULFATE	MALATHION	METHIOCARB	МЕТНОМҮL	METHOXYCHLOR	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)	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)
EPA MCL*	0.2							40					200					1		500			4					3		50	200	50	0.2	30						
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	ppt	ppt	ppm	ppq	ppt	ppt	ppt	ppt	ppt	ppt
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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)

g/L) ppt = Parts Per Trillion (ng/L)