

JEAN WATER SYSTEM

2023 WATER QUALITY SUMMARY

SUBSTANCE	Average Value	MCL	UNITS		SUBSTANCE	Average Value	MCL	UNITS
ALKALINITY, as HCO3	141	N/A	ppm		1,2,4-TRICHLOROBENZENE	<0.5	70	ppb
ALPHA PARTICLES	6.8	15	pCi/L		1,1,1-TRICHLOROETHANE	<0.5	200	ppb
ALUMINUM	<5	200	ppb	(1)	1,1,2-TRICHLOROETHANE	<0.5	5	ppb
ANTIMONY	<0.4	6	ppb		1,1-DICHLOROETHYLENE	<0.5	7	ppb
ARSENIC	7	10	ppb		1,2-DICHLOROPROPANE	<0.5	5	ppb
BARIUM	0.08	2	ppm		1,2-DICHLOROBENZENE	<0.5	600	ppb
BERYLLIUM	<0.4	4	ppb		1,2-DICHLOROETHANE	<0.5	5	ppb
BROMIDE	303	N/A	ppb		1,4-DICHLOROBENZENE	<0.5	75	ppb
CADMIUM	<0.5	5	ppb		2,3,7,8-TCDD (DIOXIN)	<0.005	0.03	ppt
CALCIUM	72	N/A	ppm		2,4-D	<0.1	70	ppb
CHLORIDE	186	400	ppm	(1)	ALACHLOR	<0.1	2	ppb
CHLORINE RESIDUAL (Dist. System)	0.9	4.0	ppm	(2)	ATRAZINE	<0.05	3	ppb
CHROMIUM	6	100	ppb		BENZENE	<0.5	5	ppb
COLIFORM, TOTAL	0	≤ 1	number samples positive per month		CARBOFURAN	<0.5	40	ppb
					CARBON TETRACHLORIDE	<0.5	5	ppb
COLOR, TRUE	<1	15	PCU	(1)	CHLORDANE	<0.1	2	ppb
CONDUCTIVITY	1128	N/A	μS/cm		CHLOROBENZENE	<0.5	100	ppb
COPPER	0.007	1.0	ppm	(1)	cis-1,2-DICHLOROETHYLENE	<0.5	70	ppb
CYANIDE	<25	200	ppb		DALAPON	<1	200	ppb
FLUORIDE	0.4	4.0	ppm		DI (2-ETHYLHEXYL) ADIPATE	<0.6	400	ppb
		2.0	ppm	(1)	DI (2-ETHYLHEXYL) PHTHALATE	<0.6	6	ppb
HALOACETIC ACIDS (Total Regulated)	7	60	ppb		DIBROMOCHLOROPROPANE	<0.01	0.2	ppb
HARDNESS	398	N/A	ppm		DICHLOROMETHANE	<0.5	5	ppb
	23		gpg		DINOSEB	<0.2	7	ppb
IRON	<50	600	ppb	(1)	DIQUAT	<0.4	20	ppb
LEAD	<0.3	N/A	ppb		ENDOTHALL	<8	100	ppb
MAGNESIUM	54	150	ppm	(1)	ENDRIN	<0.01	2	ppb
MANGANESE	<5	100	ppb	(1)	ETHYLBENZENE	<0.5	700	ppb
MBAS	<100	500	ppb	(1)	ETHYLENE DIBROMIDE	<0.01	0.05	ppb
MERCURY	<0.2	2	ppb		GLYPHOSATE	<6	700	ppb
MOLYBDENUM	<5	N/A	ppb		HEPTACHLOR EPOXIDE	<0.01	0.2	ppb
NICKEL	<5	N/A	ppb		HEPTACHLOR (H-34, HEPTOX)	<0.01	0.4	ppb
NITRATE (as NITROGEN)	3	10	ppm		HEXACHLOROBENZENE	<0.05	1	ppb
NITRITE (as NITROGEN)	<0.02	1	ppm		HEXACHLOROCYCLOPENTADIENE	<0.05	50	ppb
ODOR	1	3	TON	(1)	LINDANE	<0.01	0.2	ppb
pH	7.7	6.5 - 8.5	pH units	(1)	METHOXYCHLOR	<0.05	40	ppb
ORTHO PHOSPHATE (as PO4)	1.4	N/A	ppm		MTBE	<0.5	N/A	ppb
POTASSIUM	9	N/A	ppm		OXAMYL (VYDATE)	<0.5	200	ppb
RADIUM 226 AND RADIUM 228 (Combined)	<1	5	pCi/L		PAHs (benzo(a)pyrene)	<0.02	0.2	ppb
SATURATION INDEX	0.01	N/A	N/A		PENTACHLOROPHENOL	<0.04	1	ppb
SELENIUM	3	50	ppb		PICLORAM	<0.1	500	ppb
SILICA	32	N/A	ppm		POLYCHLORINATED BIPHENYLS	<0.1	0.5	ppb
SILVER	<5	100	ppb	(1)	SILVEX (2,4,5 - TP)	<0.2	50	ppb
SODIUM	52	N/A	ppm	(3)	SIMAZINE	<0.05	4	ppb
SULFATE	106	500	ppm	(1)	STYRENE	<0.5	100	ppb
TEMPERATURE	22	N/A	deg C		TETRACHLOROETHYLENE	<0.5	5	ppb
THALLIUM	<0.2	2	ppb		TOLUENE	<0.5	1000	ppb
TOTAL DISSOLVED SOLIDS	601	1000	ppm	(1)	TOXAPHENE	<0.5	3	ppb
TRIHALOMETHANES (Total)	69	80	ppb		trans-1,2-DICHLOROETHYLENE	<0.5	100	ppb
TURBIDITY	0.2	N/A	NTU		TRICHLOROETHYLENE	<0.5	5	ppb
URANIUM	4	30	ppb		VINYL CHLORIDE	<0.5	2	ppb
VANADIUM	<5	N/A	ppb		XYLENES	<0.5	10,000	ppb
ZINC	1	5.0	ppm	(1)				

(1) State of Nevada Secondary Standard

(2) MRDL

(3) Monitoring requirement only, no MCL

"<" - less than

μS/cm - Micro Siemens per centimeter

gpg - grains per gallon

MCL - Maximum Contaminant Level Set by EPA

MRDL - Maximum Residual Disinfectant Level

N/A - Not applicable, No Standard Set

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NTU - Nephelometric Turbidity Unit

pCi/L - picocuries per liter

PCU - Platinum Cobalt Units

ppb - parts per billion

ppm - parts per million

TON - threshold odor number