

JEAN WATER SYSTEM
2010 WATER QUALITY SUMMARY

SUBSTANCE	Average Value	MCL	UNITS		SUBSTANCE	Average Value	MCL	UNITS
AGGRESSIVENESS INDEX	12.1	N/A			(1,2,4)-TRICHLOROENZENE	ND	70	ppb
ALKALINITY	179	N/A	ppm		1,1,1-TRICHLOROETHANE	ND	200	ppb
ALPHA PARTICLES	8.8	15	pCi/L		1,1,2-TRICHLOROETHANE	ND	5	ppb
ALUMINUM	ND	200	ppb	(1)	1,1-DICHLOROETHYLENE	ND	7	ppb
ANTIMONY	ND	6	ppb		1,2 DICHLOROPROPANE	ND	5	ppb
ARSENIC	7	10	ppb		1,2-DICHLOROENZENE	ND	600	ppb
BARIUM	0.1	2	ppm		1,2-DICHLOROETHANE	ND	5	ppb
BERYLLIUM	ND	4	ppb		1,4 -DICHLOROENZENE	ND	75	ppb
BETA PARTICLES AND PHOTON EMITTERS	6.6	50	pCi/L		2,3,7,8-TCDD (DIOXIN)	ND	.03	ppt
BROMIDE	152	N/A	ppb		2,4-D	ND	70	ppb
CADMIUM	ND	5	ppb		ALACHLOR	ND	2	ppb
CALCIUM	87	N/A	ppm		ALDICARB	ND	3	ppb (6)
CARBON DIOXIDE	8.5	N/A	ppm		ALDICARB SULFONE	ND	2	ppb (6)
CHLORIDE	320	400	ppm	(1)	ALDICARB SULFOXIDE	ND	4	ppb (6)
CHLORINE RESIDUAL	0.8	4.0	ppm	(2)	ATRAZINE	ND	3	ppb
CHROMIUM	ND	100	ppb		BENZENE	ND	5	ppb
COLIFORM, TOTAL	<1	≤ 1	number positive per month		CARBOFURAN	ND	40	ppb
COLOR, True	1	15	PCU	(1)	CARBON TETRACHLORIDE	ND	5	ppb
CONDUCTIVITY	1574	N/A	µS/cm		CHLORDANE	ND	2	ppb
COPPER	0.37	(3) 1.3	ppm	(4)	CHLOROENZENE	ND	100	ppb
CYANIDE	ND	200	ppb		cis-1,2-DICHLOROETHYLENE	ND	70	ppb
FLUORIDE	0.4	4.0	ppm	(1)	DALAPON	ND	200	ppb
HALOACETIC ACIDS (Total Regulated)	ND	60	ppb	(1)	DI (2-ETHYLHEXYL) ADIPATE	ND	400	ppb
HARDNESS	430	N/A	ppm		DI (2-ETHYLHEXYL) PHTHALATE	0.1	6	ppb
	25.2		gpg		DLBROMOCHLOROPROPANE	ND	0.2	ppb
IRON	ND	600	ppb	(1)	DICHLOROMETHANE	ND	5	ppb
LANGELIER INDEX	0.12	N/A	ppb	(5)	DINOSEB	ND	7	ppb
LEAD	2.8	(3) 15	ppb	(4)	DIQUAT	ND	20	ppb
MAGNESIUM	51	150	ppm	(1)	ENDOTHALL	ND	100	ppb
MANGANESE	ND	100	ppb	(1)	ENDRIN	ND	2	ppb
MBAS	ND	500	ppb	(1)	ETHYLBENZENE	ND	700	ppb
MERCURY	ND	2	ppb		ETHYLENE DIBROMIDE	ND	0.05	ppb
MOLYBDENUM	ND	N/A			GLYPHOSATE	ND	700	ppb
NICKEL	ND	N/A			HEPTACHLOR EPOXIDE	ND	0.2	ppb
NITRATE (as NITROGEN)	1.8	10	ppm		HEPTACHLOR (H-34, HEPTOX)	ND	0.4	ppb
NITRITE (as NITROGEN)	ND	1	ppm		HEXACHLOROENZENE	ND	1	ppb
ODOR	1	3	TON	(1)	HEXACHLOROCYCLOPENTADIENE	ND	50	ppb
pH	7.5	6.5 - 8.5	pH units	(1)	LINDANE	ND	0.2	ppb
ORTHO PHOSPHATE	0.54	N/A	ppm		METHOXYCHLOR	ND	40	ppb
POTASSIUM	9	N/A	ppm		MTBE	ND	N/A	ppb
RADIUM 226 AND RADIUM 228 (Combined)	2.1	5	pCi/L		OXAMYL (VYDATE)	ND	200	ppb
SELENIUM	1.9	50	ppb		PAHs (benzo(a)pyrene)	ND	0.2	ppb
SILICA	25	N/A	ppm		PENTACHLOROPHENOL	ND	1	ppb
SILVER	ND	100	ppb	(1)	PICLORAM	ND	500	ppb
SODIUM	150	N/A	ppm	(5)	POLYCHLORINATED BIPHENYLS	ND	0.5	ppb
SULFATE	110	500	ppm	(1)	SILVEX (2,4,5- TP)	ND	50	ppb
TEMPERATURE	18.3	N/A	deg C		SIMAZINE	ND	4	ppb
THALLIUM	ND	2	ppb		STYRENE	ND	100	ppb
TOTAL DISSOLVED SOLIDS	832	1000	ppm	(1)	TETRACHLOROETHYLENE	ND	5	ppb
TRIHALOMETHANES (Total)	15	80	ppb		TOLUENE	ND	1	ppm
TURBIDITY	0.27	N/A	NTU		TOXAPHENE	ND	3	ppb
URANIUM	4.3	30	ppb		TRANS-1,2 DICHLOROETHYLENE	ND	100	ppb
VANADIUM	ND	N/A			TRICHLOROETHYLENE	ND	5	ppb
ZINC	1.4	5.0	ppm	(1)	VINYL CHLORIDE	ND	2	ppb
					XYLENES	ND	10	ppm

MCL = Maximum Contaminant Level Set by EPA
 N/A = Not applicable, No Standard Set
 ND = Not Detected, less than laboratory's analytical method reporting limit
 NTU = Nephelometric Turbidity Unit
 pCi/L = picocuries per liter
 ppb = parts per billion
 ppm = parts per million
 µS/cm = Micro Siemens per centimeter
 PCU = Platinum Cobalt Units
 gpg = grains per gallon
 TON = threshold odor number
 MRDL = Maximum Residual Disinfectant Level

- (1) State of Nevada Secondary Standard
 (2) MRDL
 (3) 90th Percentile value of all samples collected
 (4) Action Level only
 (5) Monitoring requirement only, no MCL
 (6) MCL not in effect