

Big Bend Water District 2018 WATER QUALITY SUMMARY

SUBSTANCE	Average Value	MCL	UNITS		SUBSTANCE	Average Value	MCL	UNITS
ALKALINITY	130	N/A	ppm		(1,2,4-)TRICHLOROENZENE	<0.5	70	ppb
ALPHA EMITTERS	3	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	1	10	ppb		1,2 DICHLOROPROPANE	<0.5	5	ppb
ASBESTOS	<0.2	7	MFL		1,2 -DICHLOROENZENE	<0.5	600	ppb
BARIUM	0.1	2	ppm		1,2-DICHLOROETHANE	<0.5	5	ppb
BERYLLIUM	<0.4	4	ppb		1,4 -DICHLOROENZENE	<0.5	75	ppb
BROMATE	6.0	10	ppb		2,3,7,8-TCDD (DIOXIN)	<0.005	0.03	ppt
BROMIDE	<20	N/A	ppb		2,4-D	<0.07	70	ppb
CADMIUM	<0.5	5	ppb		ALACHLOR	<0.1	2	ppb
CALCIUM	75	N/A	ppm		ATRAZINE	<0.05	3	ppb
CHLORIDE	95	400	ppm	(1)	BENZENE	<0.5	5	ppb
CHLORINE RESIDUAL	0.7	4.0	ppm	(2)	CARBOFURAN	<0.5	40	ppb
CHROMIUM	<3	100	ppb		CARBON TETRACHLORIDE	<0.5	5	ppb
COLIFORM, TOTAL	0	≤ 1	number samples positive per month		CHLORDANE	<0.1	2	ppb
COLOR, True	0.9	15	PCU	(1)	CHLOROENZENE	<0.5	100	ppb
CONDUCTIVITY	1002	N/A	μS/cm		cis-1,2-DICHLOROETHYLENE	<0.5	70	ppb
COPPER	<0.005	1.0	ppm	(1)	DALAPON	<0.4	200	ppb
CYANIDE	<25	200	ppb		DI (2-ETHYLHEXYL) ADIPATE	<0.6	400	ppb
FLUORIDE	0.3	4.0	ppm		DI (2-ETHYLHEXYL) PHTHALATE	<0.6	6	ppb
		2.0	ppm	(1)	DIBROMOCHLOROPROPANE	<0.01	0.2	ppb
HALOACETIC ACIDS (Total Regulated)	23	60	ppb		DICHLOROMETHANE	<0.5	5	ppb
HARDNESS	289	N/A	ppm		DINOSEB	<0.1	7	ppb
	16.9		gpg		DIQUAT	<0.4	20	ppb
IRON	<50	600	ppb	(1)	ENDOTHALL	<8	100	ppb
LEAD	<0.3	N/A	ppb		ENDRIN	<0.01	2	ppb
MAGNESIUM	25	150	ppm	(1)	ETHYLBENZENE	<0.5	700	ppb
MANGANESE	<5	100	ppb	(1)	ETHYLENE DIBROMIDE	<0.01	0.05	ppb
MBAS	<100	500	ppb	(1)	GLYPHOSATE	<6	700	ppb
MERCURY	<0.2	2	ppb		HEPTACHLOR EPOXIDE	<0.01	0.2	ppb
MOLYBDENUM	<5	N/A	ppb		HEPTACHLOR (H-34, HEPTOX)	<0.01	0.4	ppb
NICKEL	<5	N/A	ppb		HEXACHLOROENZENE	<0.05	1	ppb
NITRATE (as NITROGEN)	0.4	10	ppm		HEXACHLOROCYCLOPENTADIENE	<0.05	50	ppb
NITRITE (as NITROGEN)	<0.02	1	ppm		LINDANE	<0.01	0.2	ppb
ODOR	0.58	3	TON	(1)	METHOXYCHLOR	<0.05	40	ppb
ORTHO PHOSPHATE	44	N/A	ppb		MTBE	<2	N/A	ppb
PERCHLORATE	1.4	N/A	ppb		OXAMYL (VYDATE)	<0.5	200	ppb
pH	8.1	6.5 - 8.5	pH units	(1)	PAHs (benzo(a)pyrene)	<0.02	0.2	ppb
POTASSIUM	4.9	N/A	ppm		PENTACHLOROPHENOL	<0.04	1	ppb
RADIUM 226 AND RADIUM 228 (Combined)	1	5	pCi/L		PICLORAM	<0.1	500	ppb
SATURATION INDEX	0.6	N/A	N/A		POLYCHLORINATED BIPHENYLS	<0.1	0.5	ppb
SELENIUM	2	50	ppb		SILVEX (2,4,5 - TP)	<0.2	50	ppb
SILICA	7.4	N/A	ppm		SIMAZINE	<0.05	4	ppb
SILVER	<5	100	ppb	(1)	STYRENE	<0.5	100	ppb
SODIUM	91	N/A	ppm	(3)	TETRACHLOROETHYLENE	<0.5	5	ppb
SULFATE	237	500	ppm	(1)	TOLUENE	<0.5	1000	ppb
TEMPERATURE	23.5	N/A	deg C		TOXAPHENE	<1	3	ppb
THALLIUM	<0.2	2	ppb		trans-1,2 DICHLOROETHYLENE	<0.5	100	ppb
TOTAL DISSOLVED SOLIDS	617	1000	ppm	(1)	TRICHLOROETHYLENE	<0.5	5	ppb
TRIHALOMETHANES (Total)	67	80	ppb		VINYL CHLORIDE	<0.5	2	ppb
TURBIDITY	0.11	0.3	NTU	(4)	XYLENES	<0.5	10,000	ppb
URANIUM	4	30	ppb					
VANADIUM	<5	N/A	ppb					
ZINC	<5	5000	ppb	(1)				

- (1) State of Nevada Secondary Standard
(2) MRDL
(3) Monitoring requirement only, no MCL
(4) Treatment technique requirement

"<" - less than
μS/cm - Micro Siemens per centimeter
Action Level - 90 percent of sample results must be less than this level
gpg - grains per gallon
MCL - Maximum Contaminant Level Set by EPA
MFL - Million Fibers per Liter, with fiber length > 10 microns
MRDL - Maximum Residual Disinfectant Level
N/A - Not applicable, No Standard Set
NTU - Nephelometric Turbidity Unit
pCi/L - picocuries per liter
PCU - Platinum Cobalt Units
ppb - parts per billion
ppm - parts per million
ppt - parts per trillion
TON - threshold odor number