

Big Bend Water District

2023 WATER QUALITY SUMMARY

SUBSTANCE	Average Value	MCL	UNITS		SUBSTANCE	Average Value	MCL	UNITS
ALKALINITY, as HCO3	132	N/A	ppm		1,2,4-TRICHLOROBENZENE	<0.5	70	ppb
ALPHA EMITTERS	4	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
BARIUM	0.1	2	ppm		1,2 -DICHLOROETHANE	<0.5	600	ppb
BERYLLIUM	<0.4	4	ppb		1,2-DICHLOROETHANE	<0.5	5	ppb
BROMATE	4	10	ppb		1,4 -DICHLOROETHANE	<0.5	75	ppb
BROMIDE	<20	N/A	ppb		2,3,7,8-TCDD (DIOXIN)	<0.005	0.03	ppt
CADMIUM	<0.5	5	ppb		2,4-D	<0.1	70	ppb
CALCIUM	71	N/A	ppm		ALACHLOR	<0.1	2	ppb
CHLORIDE	101	400	ppm	(1)	ATRAZINE	<0.1	3	ppb
CHLORINE RESIDUAL	0.7	4.0	ppm	(2)	BENZENE	<0.5	5	ppb
CHROMIUM	<3	100	ppb		CARBOFURAN	<1	40	ppb
COLIFORM, TOTAL	0	≤ 1	number samples positive per month		CARBON TETRACHLORIDE	<0.5	5	ppb
COLOR, True	<1	15	PCU	(1)	CHLORDANE	<0.1	2	ppb
CONDUCTIVITY	993	N/A	μS/cm		CHLOROBENZENE	<0.5	100	ppb
COPPER	0.9	1	ppm	(1)	cis-1,2-DICHLOROETHYLENE	<0.5	70	ppb
CYANIDE	<25	200	ppb		DALAPON	<1	200	ppb
FLUORIDE	0.3	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)	13	60	ppb		DIBROMOCHLOROPROPANE	<0.02	0.2	ppb
HARDNESS	279	N/A	ppm		DICHLOROMETHANE	<0.5	5	ppb
	16.3		gpg		DINOSEB	<0.2	7	ppb
IRON	6	600	ppb	(1)	DIQUAT	<0.4	20	ppb
LEAD	0.1	N/A	ppb		ENDOTHALL	<8	100	ppb
MAGNESIUM	25	150	ppm	(1)	ENDRIN	<0.01	2	ppb
MANGANESE	0.6	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	<0.02	0.2	ppb
NICKEL	<5	N/A	ppb		HEPTACHLOR (H-34, HEPTOX)	<0.01	0.4	ppb
NITRATE (as NITROGEN)	0.4	10	ppm		HEXACHLOROBENZENE	<0.1	1	ppb
NITRITE (as NITROGEN)	<0.02	1	ppm		HEXACHLOROCYCLOPENTADIENE	<0.1	50	ppb
ODOR	1	3	TON	(1)	LINDANE	<0.02	0.2	ppb
ORTHO PHOSPHATE, as PO4	0.07	N/A	ppm		METHOXYCHLOR	<0.1	40	ppb
PERCHLORATE	1.4	N/A	ppb		MTBE	<2	N/A	ppb
pH	8.1	6.5 - 8.5	pH units	(1)	OXAMYL (VYDATE)	<1	200	ppb
POTASSIUM	5.0	N/A	ppm		PAHs (benzo(a)pyrene)	<0.02	0.2	ppb
RADIUM 226 AND RADIUM 228 (Combined)	<1	5	pCi/L		PENTACHLOROPHENOL	<0.04	1	ppb
SATURATION INDEX	0.5	N/A	N/A		PICLORAM	<0.1	500	ppb
SELENIUM	2	50	ppb		POLYCHLORINATED BIPHENYLS	<0.1	0.5	ppb
SILICA	7.4	N/A	ppm		SILVEX (2,4,5 - TP)	<0.2	50	ppb
SILVER	<5	100	ppb	(1)	SIMAZINE	<0.1	4	ppb
SODIUM	93	N/A	ppm	(3)	STYRENE	<0.5	100	ppb
SULFATE	217	500	ppm	(1)	TETRACHLOROETHYLENE	<0.5	5	ppb
TEMPERATURE	23.5	N/A	deg C		TOLUENE	<0.5	1000	ppb
THALLIUM	<0.2	2	ppb		TOXAPHENE	<0.5	3	ppb
TOTAL DISSOLVED SOLIDS	588	1000	ppm	(1)	trans-1,2 DICHLOROETHYLENE	<0.5	100	ppb
TRIHALOMETHANES (Total)	44	80	ppb		TRICHLOROETHYLENE	<0.5	5	ppb
TURBIDITY	0.08	0.3	NTU	(4)	VINYL CHLORIDE	<0.5	2	ppb
URANIUM	4	30	ppb		XYLENES	<0.5	10,000	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
- 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