

BLUE DIAMOND WATER SYSTEM - NORTH WELL

2023 WATER QUALITY SUMMARY

Data is from the Blue Diamond Distribution System and the Entry Points to Distribution System (Certain Teed Gypsum Company's North Well and the Blue Diamond Blending Tank)

SUBSTANCE	Average Value	MCL	UNITS	SUBSTANCE	Average Value	MCL	UNITS
ALKALINITY, as HCO3	199	N/A	ppm	1,2,4-TRICHLOROBENZENE	<0.5	70	ppb
ALPHA PARTICLES	<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	0.8	10	ppb	1,2 DICHLOROPROPANE	<0.5	5	ppb
BARIUM	0.04	2	ppm	1,2 -DICHLOROBENZENE	<0.5	600	ppb
BERYLLIUM	<0.4	4	ppb	1,2-DICHLOROETHANE	<0.5	5	ppb
BROMIDE	85	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	88	N/A	ppm	2,4-D	<0.1	70	ppb
CHLORIDE	9.3	400	ppm (1)	ALACHLOR	<0.1	2	ppb
CHLORINE RESIDUAL (Dist. System)	0.9	4.0 (2)	ppm	ATRAZINE	<0.05	3	ppb
CHROMIUM	<3	100	ppb	BENZENE	<0.5	5	ppb
COLIFORM, TOTAL	0	≤ 1	number samples positive per month	CARBOFURAN	<0.5	40	ppb
COLOR, TRUE	<1	15	PCU (1)	CARBON TETRACHLORIDE	<0.5	5	ppb
CONDUCTIVITY	756	N/A	μS/cm	CHLORDANE	<0.1	2	ppb
COPPER	<0.005	1.0	ppm (1)	CHLOROBENZENE	<0.5	100	ppb
CYANIDE	<25	200	ppb	cis-1,2-DICHLOROETHYLENE	<0.5	70	ppb
FLUORIDE	0.2	4.0	ppm (1)	DALAPON	<1	200	ppb
HALOACETIC ACIDS (Total Regulated)	<1	60	ppb	DI (2-ETHYLHEXYL) ADIPATE	<0.6	400	ppb
HARDNESS	382	N/A	ppm	DI (2-ETHYLHEXYL) PHTHALATE	<0.6	6	ppb
	22		gpg	DIBROMOCHLOROPROPANE	<0.01	0.2	ppb
IRON	<50	600	ppb (1)	DICHLOROMETHANE	<0.5	5	ppb
LEAD	<0.3	N/A	ppb	DINOSEB	<0.2	7	ppb
MAGNESIUM	39	150	ppm (1)	DIQUAT	<0.4	20	ppb
MANGANESE	<5	100	ppb (1)	ENDOTHALL	<20	100	ppb
MBAS	<100	500	ppb (1)	ENDRIN	<0.01	2	ppb
MERCURY	<0.2	2	ppb	ETHYLBENZENE	<0.5	700	ppb
MOLYBDENUM	<5	N/A	ppb	ETHYLENE DIBROMIDE	<0.01	0.05	ppb
NICKEL	<5	N/A	ppb	GLYPHOSATE	<6	700	ppb
NITRATE (as NITROGEN)	1	10	ppm	HEPTACHLOR EPOXIDE	<0.01	0.2	ppb
NITRITE (as NITROGEN)	<0.02	1	ppm	HEPTACHLOR (H-34, HEPTOX)	<0.01	0.4	ppb
ODOR	2	3	TON (1)	HEXACHLOROBENZENE	<0.05	1	ppb
pH	7.6	6.5 - 8.5	pH units (1)	HEXACHLOROCYCLOPENTADIENE	<0.05	50	ppb
POTASSIUM	1.8	N/A	ppm	LINDANE	<0.01	0.2	ppb
RADIUM 226 AND RADIUM 228 (Combined)	<1	5	pCi/L	METHOXYCHLOR	<0.05	40	ppb
SATURATION INDEX	0.33	N/A	N/A	MTBE	<0.5	N/A	ppb
SELENIUM	1	50	ppb	OXAMYL (VYDATE)	<0.5	200	ppb
SILICA	13	N/A	ppm	PAHs (benzo(a)pyrene)	<0.02	0.2	ppb
SILVER	<5	100	ppb (1)	PENTACHLOROPHENOL	<0.04	1	ppb
SODIUM	11	N/A	ppm (3)	PICLORAM	<0.1	500	ppb
SULFATE	182	500	ppm (1)	POLYCHLORINATED BIPHENYLS	<0.1	0.5	ppb
TEMPERATURE	20.7	N/A	deg C	SILVEX (2,4,5 - TP)	<0.2	50	ppb
THALLIUM	<0.2	2	ppb	SIMAZINE	<0.05	4	ppb
TOTAL DISSOLVED SOLIDS	480	1000	ppm (1)	STYRENE	<0.5	100	ppb
TRihalOMETHANES (Total)	3	80	ppb	TETRACHLOROETHYLENE	<0.5	5	ppb
TURBIDITY	<0.10	N/A	NTU	TOLUENE	<0.5	1000	ppb
URANIUM	2	30	ppb	TOXAPHENE	<0.5	3	ppb
VANADIUM	<5	N/A	ppb	trans-1,2 DICHLOROETHYLENE	<0.5	100	ppb
ZINC	<5	5000	ppb (1)	TRICHLOROETHYLENE	<0.5	5	ppb
				VINYL CHLORIDE	<0.5	2	ppb
				XYLENES	<0.5	10,000	ppb

(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 gal

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

TON - threshold odor number