

BLUE DIAMOND WATER SYSTEM - NORTH WELL

2024 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 HCO ₃	199	N/A	ppm	1,2,4-TRICHLOROENZENE	<0.5	70	ppb
ALPHA PARTICLES	<3	15	pCi/L	1,1,1-TRICHLOROETHANE	<0.5	200	ppb
ALUMINUM	<5.0	200	ppb (1)	1,1,2-TRICHLOROETHANE	<0.5	5	ppb
ANTIMONY	<0.4	6	ppb	1,1-DICHLOROETHYLENE	<0.5	7	ppb
ARSENIC	0.80	10	ppb	1,2 DICHLOROPROPANE	<0.5	5	ppb
BARIUM	0.04	2	ppm	1,2 -DICHLOROENZENE	<0.5	600	ppb
BERYLLIUM	<0.4	4	ppb	1,2-DICHLOROETHANE	<0.5	5	ppb
BROMIDE	85	N/A	ppb	1,4 -DICHLOROENZENE	<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)	1.1	4.0 (2)	ppm	ATRAZINE	<0.05	3	ppb
CHROMIUM	<3.0	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	758	N/A	µS/cm	CHLORDANE	<0.1	2	ppb
COPPER	<0.005	1.0	ppm (1)	CHLOROENZENE	<0.5	100	ppb
CYANIDE	<25	200	ppb	cis-1,2-DICHLOROETHYLENE	<0.5	70	ppb
FLUORIDE	0.16	4.0	ppm	DALAPON	<1	200	ppb
		2.0	ppm (1)	DI (2-ETHYLHEXYL) ADIPATE	<0.6	400	ppb
HALOACETIC ACIDS (Total Regulated)	<1.0	60	ppb	DI (2-ETHYLHEXYL) PHTHALATE	<0.6	6	ppb
HARDNESS	382	N/A	ppm	DIBROMOCHLOROPROPANE	<0.01	0.2	ppb
	22		gpg	DICHLOROMETHANE	<0.5	5	ppb
IRON	<50	600	ppb (1)	DINOSEB	<0.2	7	ppb
LEAD	<0.3	N/A	ppb	DIQUAT	<0.4	20	ppb
MAGNESIUM	39.3	150	ppm (1)	ENDOTHALL	<20	100	ppb
MANGANESE	<5.0	100	ppb (1)	ENDRIN	<0.01	2	ppb
MBAS	<100	500	ppb (1)	ETHYLENENZENE	<0.5	700	ppb
MERCURY	<0.2	2	ppb	ETHYLENE DIBROMIDE	<0.01	0.05	ppb
MOLYBDENUM	<5.0	N/A	ppb	GLYPHOSATE	<6	700	ppb
NICKEL	<5.0	N/A	ppb	HEPTACHLOR EPOXIDE	<0.01	0.2	ppb
NITRATE (as NITROGEN)	1.0	10	ppm	HEPTACHLOR (H-34, HEPTOX)	<0.01	0.4	ppb
NITRITE (as NITROGEN)	<0.02	1	ppm	HEXACHLOROENZENE	<0.05	1	ppb
ODOR	2	3	TON (1)	HEXACHLOROCYCLOPENTADIENE	<0.05	50	ppb
pH	7.6	6.5 - 8.5	pH units (1)	LINDANE	<0.01	0.2	ppb
POTASSIUM	1.8	N/A	ppm	METHOXYCHLOR	<0.05	40	ppb
RADIUM 226 AND				MTBE	<0.5	N/A	ppb
RADIUM 228 (Combined)	<1	5	pCi/L	OXAMYL (VYDATE)	<0.5	200	ppb
SATURATION INDEX	0.33	N/A	N/A	PAHs (benzo(a)pyrene)	<0.02	0.2	ppb
SELENIUM	1.1	50	ppb	PENTACHLOROPHENOL	<0.04	1	ppb
SILICA	13	N/A	ppm	PICLORAM	<0.1	500	ppb
SILVER	<5.0	100	ppb (1)	POLYCHLORINATED BIPHENYLS	<0.1	0.5	ppb
SODIUM	11	N/A	ppm (3)	SILVEX (2,4,5 - TP)	<0.2	50	ppb
SULFATE	182	500	ppm (1)	SIMAZINE	<0.05	4	ppb
TEMPERATURE	20	N/A	deg C	STYRENE	<0.5	100	ppb
THALLIUM	<0.2	2	ppb	TETRACHLOROETHYLENE	<0.5	5	ppb
TOTAL DISSOLVED SOLIDS	480	1000	ppm (1)	TOLUENE	<0.5	1000	ppb
TRIHALOMETHANES (Total)	2.4	80	ppb	TOXAPHENE	<0.5	3	ppb
TURBIDITY	<0.10	N/A	NTU	trans-1,2 DICHLOROETHYLENE	<0.5	100	ppb
URANIUM	1.7	30	ppb	TRICHLOROETHYLENE	<0.5	5	ppb
VANADIUM	<5.0	N/A	ppb	VINYL CHLORIDE	<0.5	2	ppb
ZINC	<5.0	5000	ppb (1)	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