

BLUE DIAMOND WATER SYSTEM - NORTH WELL

2025 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	205	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	<5.0	200	ppb	(1)	1,1,2-TRICHLOROETHANE	<0.5	5	ppb
ANTIMONY	<0.4	6	ppb		1,1-DICHLOROETHYLENE	<0.5	7	ppb
ARSENIC	0.83	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	90	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	95	N/A	ppm		2,4-D	<0.1	70	ppb
CHLORIDE	10.5	400	ppm	(1)	ALACHLOR	<0.1	2	ppb
CHLORINE RESIDUAL (Dist. System)	1.0	4.0	ppm	(2)	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	773	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	0.16	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	408	N/A	ppm		DIBROMOCHLOROPROPANE	<0.01	0.2	ppb
	24		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	41.4	150	ppm	(1)	ENDOTHALL	<20	100	ppb
MANGANESE	<5.0	100	ppb	(1)	ENDRIN	<0.01	2	ppb
MBAS	<100	500	ppb	(1)	ETHYLBENZENE	<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)	1.1	10	ppm		HEPTACHLOR (H-34, HEPTOX)	<0.01	0.4	ppb
NITRITE (as NITROGEN)	<0.02	1	ppm		HEXACHLOROBENZENE	<0.05	1	ppb
ODOR	1	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	2.0	N/A	ppm		METHOXYCHLOR	<0.05	40	ppb
RADIUM 226 AND RADIUM 228 (Combined)	<1	5	pCi/L		MTBE	<0.5	N/A	ppb
SATURATION INDEX	0.40	N/A	N/A		OXAMYL (VYDATE)	<0.5	200	ppb
SELENIUM	1.5	50	ppb		PAHs (benzo(a)pyrene)	<0.02	0.2	ppb
SILICA	13	N/A	ppm		PENTACHLOROPHENOL	<0.04	1	ppb
SILVER	<5.0	100	ppb	(1)	PICLORAM	<0.1	500	ppb
SODIUM	12	N/A	ppm	(3)	POLYCHLORINATED BIPHENYLS	<0.1	0.5	ppb
SULFATE	194	500	ppm	(1)	SILVEX (2,4,5 - TP)	<0.2	50	ppb
TEMPERATURE	19	N/A	deg C		SIMAZINE	<0.05	4	ppb
THALLIUM	<0.2	2	ppb		STYRENE	<0.5	100	ppb
TOTAL DISSOLVED SOLIDS	490	1000	ppm	(1)	TETRACHLOROETHYLENE	<0.5	5	ppb
TRIHALOMETHANES (Total)	2	80	ppb		TOLUENE	<0.5	1000	ppb
TURBIDITY	0.17	N/A	NTU		TOXAPHENE	<0.5	3	ppb
URANIUM	1.7	30	ppb		trans-1,2-DICHLOROETHYLENE	<0.5	100	ppb
VANADIUM	<5.0	N/A	ppb		TRICHLOROETHYLENE	<0.5	5	ppb
ZINC	<5.0	5000	ppb	(1)	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