

BLUE DIAMOND WATER SYSTEM - SOUTH 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 South Well and the Blue Diamond Blending Tank)

SUBSTANCE	Average Value	MCL	UNITS	SUBSTANCE	Average Value	MCL	UNITS
ALKALINITY, as HCO ₃	210	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 -DICHLOROETHANE	<0.5	600	ppb
BERYLLIUM	<0.4	4	ppb	1,2-DICHLOROETHANE	<0.5	5	ppb
BROMIDE	90	N/A	ppb	1,4 -DICHLOROETHANE	<0.5	75	ppb
CADMIUM	<0.5	5	ppb	2,3,7,8-TCDD (DIOXIN)	<0.005	0.03	ppt
CALCIUM	93	N/A	ppm	2,4-D	<0.1	70	ppb
CHLORIDE	10.4	400	ppm (1)	ALACHLOR	<0.1	2	ppb
CHLORINE RESIDUAL (Dist. System)	1.0	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	755	N/A	μS/cm	CHLORDANE	<0.1	2	ppb
COPPER	<0.005	1	ppm (1)	CHLOROBENZENE	<0.5	100	ppb
CYANIDE	<25	200	ppb	cis-1,2-DICHLOROETHYLENE	<0.5	70	ppb
FLUORIDE	0.17	4.0	ppm (1)	DALAPON	<1	200	ppb
		2	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	401	N/A	ppm	DIBROMOCHLOROPROPANE	<0.01	0.2	ppb
	23		gpg	DICHLOROMETHANE	<0.5	5	ppb
IRON	0.082	600	ppb (1)	DINOSEB	<0.2	7	ppb
LEAD	<0.3	N/A	ppb	DIQUAT	<0.4	20	ppb
MAGNESIUM	41.0	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	7.5	6.5 - 8.5	pH units (1)	LINDANE	<0.01	0.2	ppb
POTASSIUM	1.9	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	0.27	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	192	500	ppm (1)	SILVEX (2,4,5 - TP)	<0.2	50	ppb
TEMPERATURE	20	N/A	deg C	SIMAZINE	<0.05	4	ppb
THALLIUM	<0.2	2	ppb	STYRENE	<0.5	100	ppb
TOTAL DISSOLVED SOLIDS	488	1000	ppm (1)	TETRACHLOROETHYLENE	<0.5	5	ppb
TRihalOMETHANES (Total)	2	80	ppb	TOLUENE	<0.5	1000	ppb
TURBIDITY	1.4	N/A	NTU	TOXAPHENE	<0.5	3	ppb
URANIUM	1.6	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 ;

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