

BLUE DIAMOND WATER SYSTEM - NORTH WELL

2018 WATER QUALITY SUMMARY

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

SUBSTANCE	Average Value	MCL	UNITS	SUBSTANCE	Average Value	MCL	UNITS
ALKALINITY	206	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	1,1,2-TRICHLOROETHANE	<0.5	5	ppb
ANTIMONY	<0.6	6	ppb	1,1-DICHLOROETHYLENE	<0.5	7	ppb
ARSENIC	<1	10	ppb	1,2 DICHLOROPROPANE	<0.5	5	ppb
BARIIUM	0.04	2	ppm	1,2 -DICHLOROBENZENE	<0.5	600	ppb
BERYLLIUM	<0.4	4	ppb	1,2-DICHLOROETHANE	<0.5	5	ppb
BROMIDE	<20	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	91	N/A	ppm	2,4-D	<0.1	70	ppb
CHLORIDE	9.5	400	ppm	ALACHLOR	<0.1	2	ppb
CHLORINE RESIDUAL	0.9	4.0	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	7.5	15	PCU	CARBON TETRACHLORIDE	<0.5	5	ppb
CONDUCTIVITY	753	N/A	μS/cm	CHLORDANE	<0.1	2	ppb
COPPER	<0.005	1.0	ppm	CHLOROBENZENE	<0.5	100	ppb
CYANIDE	<25	200	ppb	cis-1,2-DICHLOROETHYLENE	<0.5	70	ppb
FLUORIDE	0.2	4.0	ppm	DALAPON	<1	200	ppb
		2.0	ppm	DI (2-ETHYLHEXYL) ADIPATE	<0.6	400	ppb
HALOACETIC ACIDS (Total Regulated)	<1	60	ppb	DI (2-ETHYLHEXYL) PHTHALATE	<0.6	6	ppb
HARDNESS	380	N/A	ppm	DIBROMOCHLOROPROPANE	<0.01	0.2	ppb
	22.2		gpg	DICHLOROMETHANE	<0.5	5	ppb
IRON	<50	600	ppb	DINOSEB	<0.2	7	ppb
LEAD	<1	N/A	ppb	DIQUAT	<0.4	20	ppb
MAGNESIUM	38	150	ppm	ENDOTHALL	<20	100	ppb
MANGANESE	<5	100	ppb	ENDRIN	<0.01	2	ppb
MBAS	<50	500	ppb	ETHYLBENZENE	<0.5	700	ppb
MERCURY	<0.2	2	ppb	ETHYLENE DIBROMIDE	<0.01	0.05	ppb
MOLYBDENUM	<5	N/A	ppb	GLYPHOSATE	<6	700	ppb
NICKEL	<5	N/A	ppb	HEPTACHLOR EPOXIDE	<0.01	0.2	ppb
NITRATE (as NITROGEN)	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	0	3	TON	HEXACHLOROCYCLOPENTADIENE	<0.05	50	ppb
pH	7.6	6.5 - 8.5	pH units	LINDANE	<0.01	0.2	ppb
POTASSIUM	1.6	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	0.50	N/A	N/A	OXAMYL (VYDATE)	<0.5	200	ppb
SELENIUM	2	50	ppb	PAHs (benzo(a)pyrene)	<0.02	0.2	ppb
SILICA	17	N/A	ppm	PENTACHLOROPHENOL	<0.04	1	ppb
SILVER	<5	100	ppb	PICLORAM	<0.1	500	ppb
SODIUM	11	N/A	ppm	POLYCHLORINATED BIPHENYLS	<0.1	0.5	ppb
SULFATE	170	500	ppm	SILVEX (2,4,5 - TP)	<0.2	50	ppb
TEMPERATURE	20.5	N/A	deg C	SIMAZINE	<0.05	4	ppb
THALLIUM	<0.2	2	ppb	STYRENE	<0.5	100	ppb
TOTAL DISSOLVED SOLIDS	476	1000	ppm	TETRACHLOROETHYLENE	<0.5	5	ppb
TRIHALOMETHANES (Total)	1	80	ppb	TOLUENE	<0.5	1000	ppb
TURBIDITY	0.2	N/A	NTU	TOXAPHENE	<0.5	3	ppb
URANIUM	2	30	ppb	trans-1,2 DICHLOROETHYLENE	<0.5	100	ppb
VANADIUM	<5	N/A	ppb	TRICHLOROETHYLENE	<0.5	5	ppb
ZINC	<5	5000	ppb	VINYL CHLORIDE	<0.3	2	ppb
				XYLENES	<1	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 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