

BLUE DIAMOND WATER SYSTEM - SOUTH WELL

2018 WATER QUALITY SUMMARY

(Data is from the Blue Diamond Distribution System, the Certaineed Gypsum Company's South 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)	1,1,2-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	(1)	ALACHLOR	<0.1	2	ppb
CHLORINE RESIDUAL	0.9	4.0	ppm	(2)	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	(1)	CARBON TETRACHLORIDE	<0.5	5	ppb
CONDUCTIVITY	753	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		DALAPON	<1	200	ppb
		2.0	ppm	(1)	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	150	600	ppb	(1)	DINOSEB	<0.2	7	ppb
LEAD	<1	N/A	ppb		DIQUAT	<0.4	20	ppb
MAGNESIUM	38	150	ppm	(1)	ENDOTHALL	<20	100	ppb
MANGANESE	<5	100	ppb	(1)	ENDRIN	<0.01	2	ppb
MBAS	<50	500	ppb	(1)	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	(1)	HEXACHLOROCYCLOPENTADIENE	<0.05	50	ppb
pH	7.6	6.5 - 8.5	pH units	(1)	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	(1)	PICLORAM	<0.1	500	ppb
SODIUM	11	N/A	ppm	(3)	POLYCHLORINATED BIPHENYLS	<0.1	0.5	ppb
SULFATE	170	500	ppm	(1)	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	(1)	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	(1)	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