

# BLUE DIAMOND WATER SYSTEM

## 2017 WATER QUALITY SUMMARY

SUBSTANCE	Average Value	MCL	UNITS	SUBSTANCE	Average Value	MCL	UNITS
ALKALINITY	206	N/A	ppm	(1,2,4-)TRICHLOROENZENE	<0.5	70	ppb
ALPHA EMITTERS	<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
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	<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	ALDICARB	<0.5	3	ppb (4)
CHROMIUM	<3	100	ppb	ALDICARB SULFONE	<0.5	2	ppb (4)
COLIFORM, TOTAL	0	≤ 1	number samples positive per month	ALDICARB SULFOXIDE	<0.5	4	ppb (4)
COLOR, True	7.5	15	PCU	ATRAZINE	<0.05	3	ppb
CONDUCTIVITY	736	N/A	µS/cm	BENZENE	<0.5	5	ppb
COPPER	<0.005	1.0	ppm	CARBOFURAN	<0.5	40	ppb
CYANIDE	<25	200	ppb	CARBON TETRACHLORIDE	<0.5	5	ppb
FLUORIDE	0.2	4.0	ppm	CHLORDANE	<0.1	2	ppb
HALOACETIC ACIDS (Total Regulated)	1	60	ppb	CHLOROENZENE	<0.5	100	ppb
HARDNESS	380	N/A	ppm	cis-1,2-DICHLOROETHYLENE	<0.5	70	ppb
	22.2		gpg	DALAPON	<1.0	200	ppb
IRON	<50	600	ppb	DI (2-ETHYLHEXYL) ADIPATE	<0.6	400	ppb
LEAD	<1	N/A	ppb	DI (2-ETHYLHEXYL) PHTHALATE	<0.6	6	ppb
MAGNESIUM	38	150	ppm	DIBROMOCHLOROPROPANE	<0.01	0.2	ppb
MANGANESE	<5	100	ppb	DICHLOROMETHANE	<0.5	5	ppb
MBAS	<50	500	ppb	DINOSEB	<0.2	7	ppb
MERCURY	<0.2	2	ppb	DIQUAT	<0.4	20	ppb
MOLYBDENUM	<5	N/A	ppb	ENDOTHALL	<20	100	ppb
NICKEL	<5	N/A	ppb	ENDRIN	<0.01	2	ppb
NITRATE (as NITROGEN)	1.1	10	ppm	ETHYLBENZENE	<0.5	700	ppb
NITRITE (as NITROGEN)	<0.02	1	ppm	ETHYLENE DIBROMIDE	<0.01	0.05	ppb
ODOR	0	3	TON	GLYPHOSATE	<6	700	ppb
pH	7.6	6.5 - 8.5	pH units	HEPTACHLOR EPOXIDE	<0.01	0.2	ppb
POTASSIUM	1.6	N/A	ppm	HEPTACHLOR (H-34, HEPTOX)	<0.01	0.4	ppb
RADIUM 226 AND RADIUM 228 (Combined)	0	5	pCi/L	HEXACHLOROBENZENE	<0.05	1	ppb
SATURATION INDEX	0.50	N/A	N/A	HEXACHLOROCYCLOPENTADIENE	<0.05	50	ppb
SELENIUM	2	50	ppb	LINDANE	<0.01	0.2	ppb
SILICA	17	N/A	ppm	METHOXYCHLOR	<0.05	40	ppb
SILVER	<5	100	ppb	MTBE	<0.5	N/A	ppb
SODIUM	11	N/A	ppm	OXAMYL (VYDATE)	<0.5	200	ppb
SULFATE	170	500	ppm	PAHs (benzo(a)pyrene)	<0.02	0.2	ppb
TEMPERATURE	19.8	N/A	deg C	PENTACHLOROPHENOL	<0.04	1	ppb
THALLIUM	<0.2	2	ppb	PICLORAM	<0.1	500	ppb
TOTAL DISSOLVED SOLIDS	476	1000	ppm	POLYCHLORINATED BIPHENYLS	<0.08	0.5	ppb
TRIALOMETHANES (Total)	2	80	ppb	SILVEX (2,4,5 - TP)	<0.2	50	ppb
TURBIDITY	0.24	N/A	NTU	SIMAZINE	<0.05	4	ppb
URANIUM	2	30	ppb	STYRENE	<0.5	100	ppb
VANADIUM	<5	N/A	ppb	TETRACHLOROETHYLENE	<0.5	5	ppb
ZINC	<5	5000	ppb	TOLUENE	<0.5	1000	ppb
				TOXAPHENE	<0.5	3	ppb
				trans-1,2 DICHLOROETHYLENE	<0.5	100	ppb
				TRICHLOROETHYLENE	<0.5	5	ppb
				VINYL CHLORIDE	<0.3	2	ppb
				XYLENES	<1.0	10,000	ppb

- (1) State of Nevada Secondary Standard
- (2) MRDL
- (3) Monitoring requirement only, no MCL
- (4) MCL not in effect

"<" - 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