

BLUE DIAMOND WATER SYSTEM
2010 WATER QUALITY SUMMARY

SUBSTANCE	Average Value	MCL	UNITS		SUBSTANCE	Average Value	MCL	UNITS
AGGRESSIVENESS INDEX	12.1	N/A			(1,2,4-)TRICHLOROENZENE	ND	70	ppb
ALKALINITY	215	N/A	ppm		1,1,1-TRICHLOROETHANE	ND	200	ppb
ALPHA PARTICLES	3.4	15	pCi/L		1,1,2-TRICHLOROETHANE	ND	5	ppb
ALUMINUM	ND	200	ppb	(1)	1,1-DICHLOROETHYLENE	ND	7	ppb
ANTIMONY	ND	6	ppb		1,2-DICHLOROPROPANE	ND	5	ppb
ARSENIC	ND	10	ppb		1,2-DICHLOROENZENE	ND	600	ppb
BARIUM	0.04	2	ppm		1,2-DICHLOROETHANE	ND	5	ppb
BERYLLIUM	ND	4	ppb		1,4-DICHLOROENZENE	ND	75	ppb
BETA PARTICLES AND PHOTON EMITTERS	3.7	50	pCi/L		2,3,7,8-TCDD (DIOXIN)	ND	.03	ppt
BROMIDE	80	N/A	ppb		2,4-D	ND	70	ppb
CADMIUM	ND	5	ppb		ALACHLOR	ND	2	ppb
CALCIUM	92	N/A	ppm		ALDICARB	ND	3	ppb (6)
CARBON DIOXIDE	14.4	N/A	ppm		ALDICARB SULFONE	ND	2	ppb (6)
CHLORIDE	9.5	400	ppm	(1)	ALDICARB SULFOXIDE	ND	4	ppb (6)
CHLORINE RESIDUAL	1.0	4.0	(2) ppm		ATRAZINE	ND	3	ppb
CHROMIUM	ND	100	ppb		BENZENE	ND	5	ppb
COLIFORM, TOTAL	<1	≤1	number positive per month		CARBOFURAN	ND	40	ppb
COLOR, True	0	15	PCU	(1)	CARBON TETRACHLORIDE	ND	5	ppb
CONDUCTIVITY	724	N/A	µS/cm		CHLORDANE	ND	2	ppb
COPPER	0.14	(3) 1.3	(4) ppm		CHLOROENZENE	ND	100	ppb
			1.0	ppm	cis-1,2-DICHLOROETHYLENE	ND	70	ppb
CYANIDE	ND	200	ppb	(1)	DALAPON	ND	200	ppb
FLUORIDE	0.2	4.0	ppm		DI (2-ETHYLHEXYL) ADIPATE	ND	400	ppb
			2.0	ppm	DI (2-ETHYLHEXYL) PHTHALATE	ND	6	ppb
HALOACETIC ACIDS (Total Regulated)	ND	60	ppb	(1)	DIBROMOCHLOROPROPANE	ND	0.2	ppb
HARDNESS	400	N/A	ppm		DICHLOROMETHANE	ND	5	ppb
			23.4	ppg	DINOSEB	ND	7	ppb
IRON	ND	600	ppb	(1)	DIQUAT	ND	20	ppb
LANGEIJER INDEX	0.08	N/A		(5)	ENDOTHALL	ND	100	ppb
LEAD	1.2	(3) 15	(4) ppb		ENDRIN	ND	2	ppb
MAGNESIUM	40	150	ppm	(1)	ETHYLBENZENE	ND	700	ppb
MANGANESE	ND	100	ppb	(1)	ETHYLENE DIBROMIDE	ND	0.05	ppb
MBAS	ND	500	ppb	(1)	GLYPHOSATE	ND	700	ppb
MERCURY	ND	2	ppb		HEPTACHLOR EPOXIDE	ND	0.2	ppb
MOLYBDENUM	ND	N/A	ppb		HEPTACHLOR (H-34, HEPTOX)	ND	0.4	ppb
NICKEL	ND	N/A	ppb		HEXACHLOROENZENE	ND	1	ppb
NITRATE (as NITROGEN)	0.9	10	ppm		HEXACHLOROCYCLOPENTADIENE	ND	50	ppb
NITRITE (as NITROGEN)	ND	1	ppm		LINDANE	ND	0.2	ppb
ODOR	1	3	TON	(1)	METHOXYCHLOR	ND	40	ppb
pH	7.38	6.5 - 8.5	pH units	(1)	CHLOROENZENE	ND	100	ppb
POTASSIUM	2	N/A	ppm		MTBE	ND	N/A	ppb
RADIUM 226 AND RADIUM 228 (Combined)	0.8	5	pCi/L		OXAMYL (VYDATE)	ND	200	ppb
SELENIUM	1.1	50	ppb		PAHs (benzo(a)pyrene)	ND	0.2	ppb
SILICA	14	N/A	ppm		PENTACHLOROPHENOL	ND	1	ppb
SILVER	ND	100	ppb	(1)	PICLORAM	ND	500	ppb
SODIUM	11	N/A	ppm	(5)	POLYCHLORINATED BIPHENYLS	ND	0.5	ppb
SULFATE	180	500	ppm	(1)	SILVEX (2,4,5 - TP)	ND	50	ppb
TEMPERATURE	20.8	N/A	deg C		SIMAZINE	ND	4	ppb
THALLIUM	ND	2	ppb		STYRENE	ND	100	ppb
TOTAL DISSOLVED SOLIDS	478	1000	ppm	(1)	TETRACHLOROETHYLENE	ND	5	ppb
TRIHALOMETHANES (Total)	1.3	80	ppb		TOLUENE	ND	1	ppm
TURBIDITY	0.11	N/A	NTU		TOXAPHENE	ND	3	ppb
URANIUM	1.6	30	ppb		trans-1,2-DICHLOROETHYLENE	ND	100	ppb
VANADIUM	ND	N/A	ppb		TRICHLOROETHYLENE	ND	5	ppb
ZINC	0.01	5.0	ppm	(1)	VINYL CHLORIDE	ND	2	ppb
					XYLENES	ND	10	ppm

MCL = Maximum Contaminant Level Set by EPA

N/A = Not applicable, No Standard Set

ND = Not Detected, less than laboratory's analytical method reporting limit

NTU = Nephelometric Turbidity Unit

pCi/L = picocuries per liter

ppb = parts per billion

ppm = parts per million

µS/cm = Micro Siemens per centimeter

PCU = Platinum Cobalt Units

ppg = grains per gallon

TON = threshold odor number

(1) State of Nevada Secondary Standard

(2) MRDL

(3) 90th Percentile value of all samples collected

(4) Action Level only

(5) Monitoring requirement only, no MCL

(6) MCL not in effect