

**SEARCHLIGHT WATER SYSTEM - WELL S-2  
2010 WATER QUALITY SUMMARY**

SUBSTANCE	Average Value	MCL	UNITS		SUBSTANCE	Average Value	MCL	UNITS
AGGRESSIVENESS INDEX	11.8	N/A			(1,2,4)-TRICHLORO BENZENE	ND	70	ppb
ALKALINITY	152	N/A	ppm		1,1,1-TRICHLOROETHANE	ND	200	ppb
ALPHA PARTICLES	5.9	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	10.9	10	ppb		1,2-DICHLORO BENZENE	ND	600	ppb
BARIUM	ND	2	ppm		1,2-DICHLOROETHANE	ND	5	ppb
BERYLLIUM	ND	4	ppb		1,4-DICHLORO BENZENE	ND	75	ppb
BETA PARTICLES AND PHOTON EMITTERS	4.1	50	pCi/L		2,3,7,8-TCDD (DIOXIN)	ND	.03	ppt
BROMIDE	0.15	N/A	ppm		2,4-D	ND	70	ppb
CADMIUM	ND	5	ppb		ALACHLOR	ND	2	ppb
CALCIUM	12	N/A	ppm		ALDICARB	ND	3	ppb (6)
CARBON DIOXIDE	1.8	N/A	ppm		ALDICARB SULFONE	ND	2	ppb (6)
CHLORIDE	19	400	ppm	(1)	ALDICARB SULFOXIDE	ND	4	ppb (6)
CHLORINE RESIDUAL	1.0	4.0	ppm	(2)	ATRAZINE	ND	3	ppb
CHROMIUM	45	100	ppb		BENZENE	ND	5	ppb
COLIFORM, TOTAL	<1	≤ 1	number positive per month		CARBOFURAN	ND	40	ppb
COLOR, True	2.5	15	PCU	(1)	CARBON TETRACHLORIDE	ND	5	ppb
CONDUCTIVITY	445	N/A	µS/cm		CHLORDANE	ND	2	ppb
COPPER	0.06	(3) 1.3	(4) ppm		cis-1,2-DICHLOROETHYLENE	ND	70	ppb
			1.0 ppm	(1)	DALAPON	ND	200	ppb
CYANIDE	ND	200	ppb		DI (2-ETHYLHEXYL) ADIPATE	ND	400	ppb
FLUORIDE	1.0	4.0	ppm		DI (2-ETHYLHEXYL) PHTHALATE	ND	6	ppb
		2.0	ppm	(1)	DIBROMOCHLOROPROPANE	ND	0.2	ppb
HALOACETIC ACIDS (Total Regulated)	1.1	60	ppb		DICHLOROMETHANE	ND	5	ppb
HARDNESS	57	N/A	ppm		DINoseb	ND	7	ppb
	3.3		ppg		DIQUAT	ND	20	ppb
IRON	ND	600	ppb	(1)	ENDOTHALL	ND	100	ppb
LANGELIER INDEX	0.09	N/A	ppm	(5)	ENDRIN	ND	2	ppb
LEAD	ND	(3) 15	(4) ppb		ETHYLBENZENE	ND	700	ppb
MAGNESIUM	6.9	150	ppm	(1)	ETHYLENE DIBROMIDE	ND	0.05	ppb
MANGANESE	ND	100	ppb	(1)	GLYPHOSATE	ND	700	ppb
MBAS	ND	500	ppb	(1)	HEPTACHLOR EPOXIDE	ND	0.2	ppb
MERCURY	ND	2	ppb		HEPTACHLOR (H-34, HEPTOX)	ND	0.4	ppb
MOLYBDENUM	5.2	N/A	ppb		HEXACHLORO BENZENE	ND	1	ppb
NICKEL	ND	N/A	ppm		HEXACHLOROCYCLOPENTADIENE	ND	50	ppb
NITRATE (as NITROGEN)	3.7	10	ppm		LINDANE	ND	0.2	ppb
NITRITE (as NITROGEN)	ND	1	ppm		METHOXYCHLOR	ND	40	ppb
ODOR	1	3	TON	(1)	MONOCHLORO BENZENE	ND	100	ppb
pH	8.1	6.5 - 8.5	pH units	(1)	MTBE	ND	N/A	ppb
POTASSIUM	4	N/A	ppm		OXAMYL (VYDATE)	ND	200	ppb
RADIUM 226 AND RADIUM 228 (Combined)	1.3	5	pCi/L		PAHs (benzo(a)pyrene)	ND	0.2	ppb
SELENIUM	1.4	50	ppb		PENTACHLOROPHENOL	ND	1	ppb
SILICA	36	N/A	ppm		PICLORAM	ND	500	ppb
SILVER	ND	100	ppb	(1)	POLYCHLORINATED BIPHENYLS	ND	0.5	ppb
SODIUM	71	N/A	ppm	(5)	SILVEX (2,4,5-TP)	ND	50	ppb
SULFATE	33	500	ppm	(1)	SIMAZINE	ND	4	ppb
TEMPERATURE	27.5	N/A	deg C		STYRENE	ND	100	ppb
THALLIUM	ND	2	ppb		TETRACHLOROETHYLENE	ND	5	ppb
TOTAL DISSOLVED SOLIDS	242	1000	ppm	(1)	TOLUENE	ND	1	ppm
TRICHLOROMETHANES (Total)	6.7	80	ppb		TOXAPHENE	ND	3	ppb
TURBIDITY	1.87	N/A	NTU		trans-1,2-DICHLOROETHYLENE	ND	100	ppb
URANIUM	7.5	30	ppb		TRICHLOROETHYLENE	ND	5	ppb
VANADIUM	26	N/A	ppb		VINYL CHLORIDE	ND	2	ppb
ZINC	ND	5.0	ppm	(1)	XYLENES	ND	10	ppm

(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

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