

SEARCHLIGHT WATER SYSTEM - WELL S-1
2010 WATER QUALITY SUMMARY

SUBSTANCE	Average Value	MCL	UNITS		SUBSTANCE	Average Value	MCL	UNITS
AGGRESSIVENESS INDEX	12	N/A			(1,2,4)-TRICHLOROENZENE	ND	70	ppb
ALKALINITY	180	N/A	ppm		1,1,1-TRICHLOROETHANE	ND	200	ppb
ALPHA PARTICLES	4.5	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	1.1	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	ND	50	pCi/L		2,3,7,8-TCDD (DIOXIN)	ND	.03	ppt
BROMIDE	0.5	N/A	ppm		2,4-D	ND	70	ppb
CADMIUM	ND	5	ppb		ALACHLOR	ND	2	ppb
CALCIUM	100	N/A	ppm		ALDICARB	ND	3	ppb (6)
CARBON DIOXIDE	13.5	N/A	ppm		ALDICARB SULFONE	ND	2	ppb (6)
CHLORIDE	75	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	949	N/A	μS/cm		CHLORDANE	ND	2	ppb
COPPER	0.06 (3)	1.3 (4)	ppm	(1)	CHLOROENZENE	ND	100	ppb
CYANIDE	ND	200	ppb		cis-1,2-DICHLOROETHYLENE	ND	70	ppb
FLUORIDE	0.7	4.0	ppm		DALAPON	ND	200	ppb
HALOACETIC ACIDS (Total Regulated)	1.1	60	ppb		DI (2-ETHYLHEXYL) ADIPATE	ND	400	ppb
HARDNESS	370	N/A	ppm		DI (2-ETHYLHEXYL) PHTHALATE	ND	6	ppb
	21.6		gpg		DIBROMOCHLOROPROPANE	ND	0.2	ppb
IRON	ND	600	ppb	(1)	DICHLOROMETHANE	ND	5	ppb
LANGELIER INDEX	0.1	N/A		(5)	DINOSEB	ND	7	ppb
LEAD	ND (3)	15 (4)	ppb		DIQUAT	ND	20	ppb
MAGNESIUM	27	150	ppm	(1)	ENDOTHALL	ND	100	ppb
MANGANESE	5.9	100	ppb	(1)	ENDRIN	ND	2	ppb
MBAS	ND	500	ppb	(1)	ETHYLENE DIBROMIDE	ND	700	ppb
MERCURY	ND	2	ppb		GLYPHOSATE	ND	700	ppb
MOLYBDENUM	ND	N/A	ppb		HEPTACHLOR EPOXIDE	ND	0.2	ppb
NICKEL	ND	N/A	ppb		HEPTACHLOR (H-34, HEPTOX)	ND	0.4	ppb
NITRATE (as NITROGEN)	3.4	10	ppm		HEXACHLOROENZENE	ND	1	ppb
NITRITE (as NITROGEN)	ND	1	ppm		HEXACHLOROCYCLOPENTADIENE	ND	50	ppb
ODOR	1	3	TON	(1)	LINDANE	ND	0.2	ppb
pH	7.3	6.5 - 8.5	pH units	(1)	METHOXYCHLOR	ND	40	ppb
POTASSIUM	2.5	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	15	50	ppb		PAHs (benzo(a)pyrene)	ND	0.2	ppb
SILICA	38	N/A	ppm		PENTACHLOROPHENOL	ND	1	ppb
SILVER	ND	100	ppb	(1)	PICLORAM	ND	500	ppb
SODIUM	45	N/A	ppm	(5)	POLYCHLORINATED BIPHENYLS	ND	0.5	ppb
SULFATE	180	500	ppm	(1)	SILVEX (2,4,5 - TP)	ND	50	ppb
TEMPERATURE	22.5	N/A	deg C		SIMAZINE	ND	4	ppb
THALLIUM	ND	2	ppb		STYRENE	ND	100	ppb
TOTAL DISSOLVED SOLIDS	604	1000	ppm	(1)	TETRACHLOROETHYLENE	ND	5	ppb
TRICHALOMETHANES (Total)	6.7	80	ppb		TOLUENE	ND	1	ppm
TURBIDITY	0.27	N/A	NTU		TOXAPHENE	ND	3	ppb
URANIUM	4	30	ppb		trans-1,2 DICHLOROETHYLENE	ND	100	ppb
VANADIUM	ND	N/A	ppb		TRICHLOROETHYLENE	ND	5	ppb
ZINC	6.8	5000	ppb	(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
gpg = grains per gallon
TON = threshold odor number
MRDL = Maximum Residual Disinfectant Level

(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