

**LAS VEGAS VALLEY WATER DISTRICT
2007 WATER QUALITY SUMMARY**

SUBSTANCE	Average Value (ppb unless noted)	MCL (ppb unless noted)		SUBSTANCE	Average Value (ppb unless noted)	MCL (ppb unless noted)
ALUMINUM	ND	200	(1)	(1,2,4)-TRICHLOROENZENE	ND	70
ANTIMONY	ND	6		1,1,1-TRICHLOROETHANE	ND	200
ARSENIC	2.5	10		1,1,2-TRICHLOROETHANE	ND	5
BARIUM	0.14 ppm	2	ppm	1,1-DICHLOROETHYLENE	ND	7
BERYLLIUM	ND	4		1,2-DICHLOROPROPANE	ND	5
CADMIUM	ND	5		1,2-DICHLOROENZENE	ND	600
CHROMIUM	2.7	100		1,2-DICHLOROETHANE	ND	5
COPPER	1.1 ppm	(2) 1.3	ppm (3)	1,4-DICHLOROENZENE	ND	75
IRON	ND	1.0	(1)	2,3,7,8-TCDD (DIOXIN)	ND	0.00003
LEAD	2	(2) 15	(3)	2,4-D	ND	70
MANGANESE	ND	100	(1)	ALACHLOR	ND	2
MERCURY	ND	2.0		ALDICARB	ND	3 (6)
MOLYBDENUM	5.6	N/A		ALDICARB SULFONE	ND	2 (6)
NICKEL	ND	N/A		ALDICARB SULFOXIDE	ND	4 (6)
SELENIUM	ND	50		ATRAZINE	ND	3
SILVER	ND	100	(1)	BENZENE	ND	5
THALLIUM	ND	2.0		CARBOFURAN	ND	40
VANADIUM	2.1	N/A		CARBON TETRACHLORIDE	ND	5
ZINC	0.15 ppm	5.0	ppm (1)	CHLORDANE	ND	2
AGGRESSIVENESS INDEX	12.2	N/A		cis-1,2-DICHLOROETHYLENE	ND	70
ALKALINITY	132 ppm	N/A		DALAPON	ND	200
ASBESTOS	ND	7.0	MFL	DI (2-ETHYLHEXYL) ADIPATE	ND	400
BROMATE	7.0	10		DI (2-ETHYLHEXYL) PHTHALATE	ND	6
BROMIDE	ND	N/A		DIBROMOCHLOROPROPANE	ND	0.2
CALCIUM	84 ppm	N/A		DICHLOROMETHANE	ND	5
CARBON DIOXIDE	3.4 ppm	N/A		DINOSEB	ND	7
CHLORIDE	102 ppm	400	ppm (1)	DIQUAT	ND	20
CHLORINE RESIDUAL	1.08 ppm	4.0	ppm	ENDOTHALL	ND	100
COLOR, True	1.9 PCU	15	PCU (1)	ENDRIN	ND	2
CONDUCTIVITY	1068 µS/cm	N/A		ETHYLBENZENE	ND	700
CYANIDE	ND	200		ETHYLENE DIBROMIDE	ND	0.05
FLUORIDE (4)	0.78 ppm	4.0	ppm	GLYPHOSATE	ND	700
HARDNESS	338 ppm	N/A		HALOACETIC ACIDS (Total Regulated)	21	60
LANGELIER INDEX	19.8 gpg	N/A		HEPTACHLOR EPOXIDE	ND	0.2
MAGNESIUM	31 ppm	150	ppm (1)	HEPTACHLOR (H-34, HEPTOX)	ND	0.4
MBAS	ND	500	(1)	HEXACHLOROENZENE	ND	1
NITRATE (as NITROGEN)	0.60 ppm	10	ppm	HEXACHLOROXYCLOPENTADIENE	ND	50
NITRITE (as NITROGEN)	ND	1	ppm	LINDANE	ND	0.2
ODOR	1 TON	3	TON (1)	METHOXYCHLOR	ND	40
pH	7.8	6.5 - 8.5	(1)	MONOCHLOROENZENE	ND	100
ORTHO PHOSPHATE	56	N/A		MTBE	ND	N/A
PERCHLORATE	1.9	N/A		PAHs (benzo(a)pyrene)	ND	0.2
POTASSIUM	7 ppm	N/A		PENTACHLOROPHENOL	ND	1
SILICA	7.6 ppm	N/A		PICLORAM	ND	500
SODIUM	110 ppm	N/A	(5)	POLYCHLORINATED BIPHENYLS	ND	0.5
SULFATE	275 ppm	500	ppm (1)	SILVEX (2,4,5 - TP)	ND	50
TEMPERATURE	17.3 deg C	N/A		SIMAZINE	ND	4
TOTAL DISSOLVED SOLIDS	675 ppm	1000	ppm (1)	STYRENE	ND	100
TURBIDITY (maximum value)	0.1 NTU	0.3	NTU	TETRACHLOROETHYLENE	ND	5
COLIFORM, TOTAL	0.1% positive per month	5% positive per month		TOLUENE	ND	1 ppm
COLIFORM, FECAL	ND	0/100	mL	TOXAPHENE	ND	3
CRYPTOSPORIDIUM	ND	N/A		trans-1,2-DICHLOROETHYLENE	ND	100
ALPHA PARTICLES	1.6 pCi/L	15	pCi/L	TRICHLOROETHYLENE	ND	5
BETA PARTICLES AND PHOTON EMITTERS	5.6 pCi/L	50	pCi/L	TRIHALOMETHANES (Total)	ND	49
RADIUM 226 AND RADIUM 228 (Combined)	ND	5	pCi/L	VINYL CHLORIDE	ND	2
URANIUM	4.8	30		VYDATE	ND	200
				XYLENES	ND	10 ppm

- (1) Secondary Standard - Guidance level for State of Nevada
(2) 90th Percentile value of all samples collected
(3) ACL = Action Level only
(4) Fluoridation Started March 2000
(5) Monitoring requirement only, no MCL
(6) MCL not in effect

MCL = Maximum Contaminant Level Set by EPA
MFL = Million Fibers per Liter, with fiber length > 10 microns
N/A = Not applicable, No Standard Set
ND = Not Detected
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