2014
CITY OF LEMOORE WATER TEST RESULTS

CONSTITUENTS	YEAR TESTED	UNIT	MCL	PHG	MCLG	COL LEVEL DETECTED	RANGE	SOURCE OF LIKELY CONTAMINANT
PRIMARY INORGANICS								
Aluminum	2013	ppb	1000	NA	NA	396	120 - 570	Erosion of natural deposits.
Arsenic	2013	ppb	10	NA	NA	3.4	3 - 9	Erosion of nature & industries.
Fluoride	2014	ppm	2	1	NA	1.6	1.6	Erosion of nature & industries.
Lead	2013	ppb	15	2	NA	3.3	ND - 24	Erosion of nature & plumbing system.
Mercury	2013	ppb	2			0.09	ND - .32	Erosion of nature & plumbing system.
Asbestos (Distribution system)	2010	MFL	7	NA	7	ND	ND	Erosion of nature & AC Piping Sys.
SECONDARY STANDARDS								
Color	2013	Units	15	NA	NA	**20**	15 - 30	
Iron	2013	ppb	300	NA	NA	260	67 - 890	
Turbidity	2013	Units	5	NA	NA	3	.95 - 9.8	
GENERAL MINERALS								
Bicarbonate	2013	mg/l	NA	no goal		190	74 - 280	Erosion of natural deposits.
Carbonate	2013	mg/l	NA	no goal		41	34 - 53	Erosion of natural deposits.
Calcium	2013	mg/l	NA	no goal		1.3	.44 - 1.9	
Magnesium	2013	mg/l	NA	no goal		0.1	ND - 22	
Sodium	2013	mg/l	NA	no goal		151	57 - 160	
Hardness	2013	mg/l	NA	no goal		3.9	1.1 - 5.8	
PH	2013	Std Units	NA	no goal		9	8.8 - 9.4	
SECONDARY STANDARDS								
TDS	2013	ppm	1000	NA	NA	373	160 - 410	
Specific Conductance	2013	umho/cm	1600	NA	NA	657	240 - 700	
Chloride	2013	ppm	500	NA	NA	69	3 - 89	
Sulfate	2013	ppm	500	NA	NA	1.18	ND - 7.3	
Manganese	2013	ppb				4	ND - 16	
Cooper	2013	ppb	1000			33	ND - 190	
RADIOACTIVITY								
Gross Alpha	2010-2014	pCi/L	15	no goal		7.4	3.44-16.65	
Radium 226+228	2010-2013	pCi/L	5	no goal		1.16	.18-2.43	
Uranium	2010-2013	pCi/L	20	no goal		3.76	1.24-5.61	
DISTRIBUTION SYSTEM MONITORING								
DISINFECTION BYPRODUCTS								
Total Haloacetic acids	2014	ppb	60	NA	NA	31	10 - 81	Disinfection byproduct.
TTHMs [Total trihalomethanes]	2014	ppb	80	NA	NA	77	49 - 130	Disinfection byproduct.
*** A Compliance Order has been issued, and the City is looking into a project to treat for disinfection byproducts.**								
Chlorine Residual Average	2014	mg/L	4	NA	NA	0.44	.45 - .58	Disinfection byproduct.

***Non-corrosive (NC)**

Microbiological Contaminants	Highest No. of Detections	No. of months in Violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria*	0 (in a month)	0	More than 1 sample positive	0	Naturally present in the environment
Fecal Coliform or *E. coli*	0 (in a year)	0		0	Human and animal fecal waste

*Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If the standard is exceeded, the water supplier must notify the public.

Lead and Copper	Year Tested	No. of Samples Collected	90th Percentile Level Detected	No. Sites Exceeding AL	AL	MCLG	Typical Source of Contaminant
Lead (ppb)	2013	30	ND	0	15	2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits.
Copper (ppb)	2013	30	67	0	1300	170	Internal corrosion of household water plumbing systems; erosion of natural deposits; leaching from wood perservatives.

UPDATED 1/29/2015 READY FOR PRINT