

2018
City of Lemoore Consumer Confidence Report

CONSTITUENTS	YEAR		COL LEVEL				RANGE	SOURCE OF LIKELY CONTAMINANT
	TESTED	UNIT	MCL	PHG	MCLG	DETECTED		
PRIMARY STANDARDS								
Aluminum	2017	ppb	1000	NA	NA	430	170-640	Erosion of natural deposits.
Arsenic	2017	ppb	10	NA	NA	6.2	ND-25	Erosion of nature & industries.
Fluoride	2017	ppm	2	1	NA	0.7	.62 - 1.1	Erosion of nature & industries.
1,2-Dichlorobenze	2015	ppb	600	600	NA	4.7		Industrial discharge
Lead	2017	ppb	15	2	NA	2.0	2	Erosion of nature & plumbing system.
SECONDARY STANDARDS								
Color	2017	Units	15	NA	NA	25		Naturally occurring organic materials
Iron	2017	ppb	300	NA	NA	17		Erosion of nature & industries.
Turbidity	2017	NTU	5	NA	NA	3.7		Erosion of natural deposits.
GENERAL MINERALS								
Bicarbonate	2017	mg/l	NA	no goal		200		Erosion of natural deposits.
Carbonate	2017	mg/l	NA	no goal		0.67		Erosion of natural deposits.
Calcium	2017	mg/l	NA	no goal		1.2		Erosion of natural deposits.
Magnesium	2017	mg/l	NA	no goal		0.16		Erosion of natural deposits.
Sodium	2017	mg/l	NA	no goal		160		Erosion of natural deposits.
Hardness	2017	mg/l	NA	no goal		3.8		Erosion of natural deposits.
PH	2017	Std	NA	no goal		9		
SECONDARY STANDARDS								
TDS	2017	ppm	1000	NA	NA	400		Erosion of natural deposits.
Specific Conductance	2015	umho/cm	1600	NA	NA	584	240-740	Substances that form ions in water
Chloride	2017	ppm	500	NA	NA	88		Erosion of natural deposits
Sulfate	2017	ppm	500	NA	NA	1.18	ND - 7	Erosion of natural deposits.
Manganese	2017	ppb				4	ND - 16	Erosion of natural deposits.
Copper	2015	ppb	1000			0.06	.05-.06	Erosion of natural deposits; pipe corrosion
RADIOACTIVITY								
Gross Alpha	2010-2014	pCi/L	15	no goal		7.4	3.44-16.65	Erosion of natural deposits.
Radium 226+228	2010-2013	pCi/L	5	no goal		1.16	.18-2.43	Erosion of natural deposits.
Uranium	2010-2013	pCi/L	20	no goal		3.76	1.24-5.61	Erosion of natural deposits.
UNREGULATED CONTAMINANTS								
Strontium	2015	pCi/L	NA	no goal		19		Erosion of natural deposits.
Vanadium	2015	ppb	NA	no goal		2.00		Naturally occurring elemental metal
DISTRIBUTION SYSTEM MONITORING								
DISINFECTION BYPRODUCTS								
Total Haloacetic acids	2017	ppb	60	NA	NA	37	30-46	Disinfection byproduct.
TTHMs [Total trihalomethanes]	2017	ppb	80	NA	NA	128	98-130	Disinfection byproduct.
* A Compliance Order has been issued, and the City is looking into a project to treat for disinfection byproducts.								
Chlorine Residual Average	2017	mg/L	4	NA	NA	1.66	.1-4.0	Disinfection byproduct.
*Non-corrosive (NC)								
Microbiological	Highest No. of	No. of months	MCL		MCLG	Typical Source of Bacteria		
Contaminants	Detections	in Violation						
Total Coliform Bacteria*	2 (in a month)	0	More than 1 sample positive		0	Naturally present in the environment		
Fecal Coliform or <i>E. coli</i>	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)	2017	30	ND	0	15	2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits.	
Copper (ppb)	2017	30	0.63	0	1300	170	Internal corrosion of household water plumbing systems; erosion of natural deposits; leaching from wood preservatives.	