

Testing Results for Rural Water District No. 5, Butler County

Butler RWD 5 had no violations of drinking water regulations in 2012.

Microbiological	Result	MCL	MCLG	Typical Source
No Detected Results were Found in the Calendar Year of 2012				

Lead and Copper	Monitoring Period	90 th Percentile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2010 - 2012	0.29	0.0066 - 0.62	ppm	1.3	0	Corrosion of household plumbing
LEAD	2010 - 2012	1.5	1.2 - 2200	ppb	15	0	Corrosion of household plumbing

The District purchases water produced by the City of El Dorado. The city had no violations of drinking water regulations in 2012. Their testing results are shown below:

Regulated Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
BARIUM	4/16/2012	CITY OF EL DORADO	0.086	0.086	ppm	2	2	Discharge from metal refineries
CHROMIUM	4/16/2012	CITY OF EL DORADO	1.2	1.2	ppb	100	100	Discharge from steel and pulp mills
FLUORIDE	9/20/2012	CITY OF EL DORADO	0.83	0.58 - 0.83	ppm	4	4	Natural deposits; Water additive which promotes strong teeth.
NITRATE	4/16/2012	CITY OF EL DORADO	0.4	0.36 - 0.4	ppm	10	10	Runoff from fertilizer use

Secondary Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	1/23/2012	CITY OF EL DORADO	139	116 - 139	MG/L	300
ALUMINIUM	4/16/2012	CITY OF EL DORADO	0.072	0.072	MG/L	0.05
CALCIUM	4/16/2012	CITY OF EL DORADO	37	37	MG/L	200
CARBON, DISSOLVED ORGANIC (DOC)	3/30/2010	CITY OF EL DORADO	3.79	2.71 - 3.79	MG/L	
CARBON, TOTAL	8/17/2012	CITY OF EL DORADO	3.55	2.65 - 3.55	ppm	
CHLORIDE	4/16/2012	CITY OF EL DORADO	10	10	MG/L	250
CONDUCTIVITY @ 25 C UMHO/CM	4/16/2012	CITY OF EL DORADO	290	290	UMHO/CM	1500
HARDNESS, TOTAL (AS CaCO3)	4/16/2012	CITY OF EL DORADO	120	120	MG/L	400
MAGNESIUM	4/16/2012	CITY OF EL DORADO	5.8	5.8	MG/L	150
PH	4/16/2012	CITY OF EL DORADO	7.9	7.9	PH	8.5
PHOSPHORUS, TOTAL	4/16/2012	CITY OF EL DORADO	0.12	0.12	MG/L	5
POTASSIUM	4/16/2012	CITY OF EL DORADO	3.2	3.2	MG/L	100
SILICA	4/16/2012	CITY OF EL DORADO	2.6	2.6	MG/L	50
SODIUM	4/16/2012	CITY OF EL DORADO	9.6	9.6	MG/L	100
SULFATE	4/16/2012	CITY OF EL DORADO	7.3	7.3	MG/L	250
SUVA (SPECIFIC ULTRAVIOLET ABSORBANCE)	3/30/2010	CITY OF EL DORADO	5.2	2.4 - 5.2	L/MG-M	
TDS	4/16/2012	CITY OF EL DORADO	150	150	MG/L	500
UV ABSORBANCE @254 NM	3/30/2010	CITY OF EL DORADO	0.197	0.082 - 0.197	CM-1	
ZINC	4/16/2012	CITY OF EL DORADO	0.008	0.008	MG/L	5

Please Note: Because of sampling schedules, results may be older than 1 year.