

**2013 SUMMARY OF WATER QUALITY DATA  
ROSAMOND COMMUNITY SERVICES DISTRICT WATER SYSTEM**

<b>MICROBIOLOGICAL CONTAMINANTS</b>	<b>TEST DATE</b>	<b>UNIT</b>	<b>PHG</b>	<b>MCL</b>	<b>AVERAGE</b>	<b>VIOLATION</b>	<b>SOURCE OF CONTAMINANTS</b>
Total Coliform Bacteria	2013		0	0	0	No	Naturally present in the environment.
<b>DISINFECTION BY-PRODUCTS***</b>	<b>TEST DATE</b>	<b>UNIT</b>	<b>PHG</b>	<b>MCL</b>	<b>AVERAGE</b>	<b>VIOLATION</b>	<b>SOURCE OF CONTAMINANTS</b>
Total Trihalomethane (TTHM)	2013	ppb	n/a	80	5.8	No	By-product of drinking water chlorination
Total Haloacetic Acids (HAA5)	2013	ppb	n/a	60	0.5	No	By-product of drinking water chlorination
Chlorine	2013	ppm	4	4	1.0	No	Drinking water disinfectant added for treatment
<b>INORGANIC CHEMICALS</b>	<b>TEST DATE</b>	<b>UNIT</b>	<b>PHG</b>	<b>MCL</b>	<b>AVERAGE</b>	<b>VIOLATION</b>	<b>SOURCE OF CONTAMINANTS</b>
Nitrate	2013	ppm	45	45	7.9	No	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Arsenic	2013	ppb	n/a	10	8.4	No	Erosion of natural deposit; runoff from orchards; glass and electronics productions wastes
Chromium	2012	ppb	2.5	50	12.6	No	Discharge from steel and pulp mills and chrome plating, erosion of natural deposits.
Fluoride	2012	ppm	.15	2	0.6	No	Erosion of natural deposits; water additive, which promotes strong teeth; discharge from fertilizer and aluminum factories.
Turbidity	2012	NTU	n/a	TT(5.0)	0.1	No	Soil runoff
<b>Secondary Drinking Water Standards</b>	<b>TEST DATE</b>	<b>UNIT</b>	<b>PHG</b>	<b>MCL</b>	<b>AVERAGE</b>	<b>VIOLATION</b>	<b>SOURCE OF CONTAMINANTS</b>
Alkalinity	2012	ppm	n/a	n/a	116.6	No	
Calcium	2012	ppm	n/a	n/a	35.6	No	Erosion of natural deposits
Chloride	2012	ppm	n/a	(600)	33	No	Runoff/leaching from natural deposits; seawater influence
Hardness	2012	ppm	n/a	n/a	119.3	No	Naturally-occurring polyvalent action present in the water, generally magnesium and calcium
Sodium	2012	ppm	n/a	n/a	48.3	No	Naturally-occurring salt; seawater influence
Specific conductance	2012	umhos/cm	n/a	(1600)	470	No	Substances that form ions when in water; seawater influence
Total dissolved solids	2012	ppm	n/a	(1000)	290	No	Runoff/leaching from natural deposits
Color	2012	Units	n/a	15	ND		Naturally occurring organic materials
<b>Metals – (LEAD &amp; COPPER Monitoring)</b>	<b>TEST DATE</b>	<b>UNIT</b>	<b>PHG</b>	<b>MCL</b>	<b>AVERAGE</b>	<b>VIOLATION</b>	<b>SOURCE OF CONTAMINANTS</b>
Copper	2012	ppm	0.17	AL = n/a 1000	ND	n/a	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	2012	ppb	2	AL = n/a	ND	n/a	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers

**KEY TO TABLE**

AL= Regulatory Action Level \* ND = none detected \* PHG = Public Health Goal \* MCL = Maximum Contaminant Level NTU = Nephelometric Turbidity Units \* SMCL = Secondary Maximum Contaminant Level \* MCLG = Maximum Contaminant Level Goal \* pCi/L = picocuries per liter ( a measure of radioactivity) \* TT = Treatment Technique \* n/a = not applicable ppb = parts per billion, or micrograms per liter \* ppm = parts per million, or micrograms per liter \* umhos/cm = units of specific conductance