

Dry Creek
WWTP
RW Quality 2008

CHARACTERISTICS:	UNITS	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
General					
pH	-	7.0	7.2	7.4	
Temperature	°C	15.7	19.8	26.6	
Turbidity	NTU	1	1	1	
Conductance	umhos/cm	510	550	550	
Total Dissolved Solids	mg/l	323	347	333	
Total Hardness	mg/l CaCO ₃	120	110	100	
Total Alkalinity	mg/l CaCO ₃	84	110	93	
Cations					
Calcium	mg/l	36	36	35	
Magnesium	mg/l	6.1	3	3.2	
Potassium	mg/l	11	14	17	
Sodium	mg/l	46	59	66	
Anions					
Bicarbonate	mg/l	84	110	93	
Sulfate	mg/l	38	33	36	
Fluoride	mg/l	0.34	0.65	0.35	
Chloride	mg/l	47	57	64	
Nutrients					
Nitrogen - N	mg/l	6.26	6.25	9.56	
Phosphorus	mg/l	NT	NT	NT	
Organic-Biological					
Biochemical Oxygen Demand	mg/l	2	2	<2	
Total Suspended Solids	mg/l	<3	<3	<3	
Coliform	MPN	2	<2	<2	
Irrigation Factors					
Boron	mg/l	0.23	0.28	0.39	
Chlorine Residual	mg/l	0.00	0.00	0.00	
Trace Elements					
Aluminum	mg/l	0.2700	0.2200	0.1500	
Arsenic	mg/l	0.0009	0.0005	0.0008	
Beryllium	mg/l	<0.0001	<0.0001	<0.0001	
Cadmium	mg/l	<0.0001	<0.0001	<0.0001	
Cobalt	mg/l	0.0005	0.0003	0.0004	
Chromium	mg/l	0.0004	0.0004	0.0008	
Copper	mg/l	0.0026	0.0027	0.0032	
Iron	mg/l	0.0400	0.0400	0.0800	
Manganese	mg/l	0.0420	0.0420	0.0160	
Nickel	mg/l	0.0021	0.0024	0.0025	
Lead	mg/l	0.0003	0.0004	0.0003	
Selenium	mg/l	0.0005	0.0005	0.0002	
Silver	mg/l	<0.0001	<0.0001	<0.0001	
Zinc	mg/l	0.0380	0.0450	0.0500	
Organics₁					
Volatile	mg/l	0.0333	0.0484	0.0546	
Semi-Volatile	mg/l	0.0014	0.0068	<0.0050	

mg/l - milligram per liter

TF - test failure

1. EPA 624&625 list of organics