

SJWD Water District  
Water Quality Summary – Treated Water  
March 2010

<u>Parameter</u>	<u>Unit</u>	<u>Plant Effluent Average</u>	<u>EPA's MCL</u>
<u>Physical</u>			
Conductivity	micromhos/cm <sup>2</sup>	59	n/a
Temperature	Degrees Celsius	12.4	1-30
Turbidity	NTU	0.05	0.30
<u>Microbiological</u>			
Coliform Growth	<u>Present/Absent</u>	A in 100% of samples	Absent in 95% of samples taken
<u>Chemical –Metals</u>			
Aluminum	mg./l.	0.01	0.2
Antimony	mg./l.	<0.0030	
Arsenic	mg./l.	<0.005	0.05
Barium	mg./l.	<0.05	2
Beryllium	mg./l.	<0.0030	
Cadmium	mg./l.	<0.0001	0.005
Chromium	mg./l.	<0.010	0.1
Copper	mg./l.	<0.00	1.3
Iron	mg./l.	0.01	0.3
Lead	mg./l.	<0.002	0.015
Manganese	mg./l.	0.002	0.05
Mercury	mg./l.	<0.0002	0.002
Nickel	mg./l.	<0.02	1
Sodium	mg./l.	9.4	250
Thallium	mg./l.	<0010	
Zinc	mg./l.	0.01	5
<u>Chemical –Inorganic</u>			
Alkalinity	mg./l. CaCO <sub>3</sub>	15	n/a
Chlorine – free	mg./l.	0.8	4
Fluoride	mg./l.	0.87	4
Hardness	mg./l. CaCO <sub>3</sub>	12	250
Nitrate	mg./l.	0.01	10
pH	Std. units	7.3	6.5-8.5
Phosphate – ortho	mg./l.	0.7	n/a
Sulfate	mg./l.	17	250
<u>Chemicals – Organic</u>			
Haloacetic Acids – 5	mg./l.	0.015	0.060
Trihalomethanes	mg./l.	0.022	0.080
Total Organic Carbon	mg./l.	1.0	n/a
Volitile Organics	mg./l.	< detectable limits	n/a
<u>Radiological</u>			
Gross Alpha	pCi/l.	<0.1	
Gross Beta	pCi/l.	0.7	
Radium 226	pCi/l.	<0.1	

Results are from various sources and all may not be certifiable.

For more information call 864-949-2832

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