

## **Horticultural and Industrial Users Recycled Water Quality Report**

South Bay Water Reclamation Plant (SBWRP)

	Symbol	Unit of Measurement	Recycled Water Permit Limit <sup>3</sup>	SBWRP Recycled Water
Alkalinity	CaCO₃ pH	mg/L		
Hydrogen Ion Activity	рп	Units	6.0 -9.0	
Electrical Conductivity	ECw	umhos/cm		
Total Dissolved Solids	TDS	mg/L	1,200	
Calcium	Ca	mg/L		
Magnesium	Mg	mg/L		
Potassium	K	mg/L		
Sodium	Na	mg/L		
Sulfate	SO <sub>4</sub>	mg/L	250	
Iron	Fe	mg/L	0.3	
Zinc	Zn	mg/L		
Manganese	Mn	mg/L	0.05	
Boron	В	mg/L	0.75	
Ammonia - Nitrogen	NH <sub>3</sub> -N	mg/L		
Nitrate	NO <sub>3</sub> -N	mg/L		
Total Nitrogen (Actual)	N	mg/L		
Phosphorus	Р	mg/L		
Chloride	CI	mg/L	300	
Total Nitrogen (Actual)	N	lbs/ acre ft4		
Phosphorus Pentoxide <sup>1</sup>	P <sub>2</sub> O <sub>5</sub>	lbs/ acre ft <sup>4</sup>		
Potassium Oxide <sup>2</sup>	K <sub>2</sub> O	lbs/ acre ft <sup>4</sup>		
Residual Sodium Carbonate	RSC	meq/L	<1.25	
Adjusted Sodium Adsoprtion Ratio	SAR	Calculated	6	

<sup>&</sup>lt;sup>1</sup>Determined as Phosphorus in the elemental form (P); Phosphorus Pentoxide (P<sub>2</sub>O<sub>5</sub>) calculated by multiplying P by 2.3.

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 $<sup>^{2}</sup>$ Determined as Potassium in the elemental form (K); Potassium Oxide (K $_{2}$ O) calculated by multiply K by 1.2.

<sup>&</sup>lt;sup>3</sup> SDRWQCB Order #2000-203

 $<sup>^4</sup>$ This value is presented in lbs/acre-ft of water applied 1 mg/L = 2.719 lbs/ac ft

<sup>\* 1</sup>mg/L = 1ppm

<sup>----- =</sup> No Permit Limits