

Horticultural and Industrial Users Recycled Water Quality Report

North City Water Reclamation Plant (NCWRP)

	Symbol	Unit of Measurement	Recycled Water Permit Limit ³	NCWRP Recycled Water
Alkalinity	CaCO ₃	mg/L		
Hydrogen Ion Activity	pН	Units	6.5 - 8.5	
Electrical Conductivity	ECw	umhos/cm		
Total Dissolved Solids	TDS	mg/L	1,200	
Calcium	Ca	mg/L		
Magnesium	Mg	mg/L		
Potassium	К	mg/L		
Sodium	Na	mg/L		
Sulfate	SO₄	mg/L	300	
Iron	Fe	mg/L	0.3	
Zinc	Zn	mg/L		
Manganese ⁵	Mn	mg/L	0.1	
Boron	В	mg/L	0.75	
Ammonia - Nitrogen	NH ₃ -N	mg/L		
Nitrate as N	NO ₃ -N	mg/L		
Total Nitrogen (Actual)	N	mg/L		
Phosphorus	Р	mg/L		
Chloride	CI	mg/L	300	
Total Nitrogen (Actual)	N	lbs/ acre ft ⁴		
Phosphorus Pentoxide ¹	P ₂ O ₅	lbs/ acre ft ⁴		
Potassium Oxide ²	K ₂ O	lbs/ acre ft ⁴		
Residual Sodium Carbonate	RSC	meq/L	<1.25	
Adjusted Sodium Adsorption Ratio	SAR	Calculated	6	

¹Determined as Phosphorus in the elemental form (P); Phosphorus Pentoxide (P_2O_5) calculated by multiplying P by 2.3.

²Determined as Potassium in the elemental form (K); Potassium Oxide (K₂O) calculated by multiply K by 1.2.

³ SDRWQCB Order #R9-2015-0091

 $^{4}\text{This}$ value is presented in lbs/acre-ft of water applied 1 mg/L = 2.719 lbs/ac ft

⁵Compliance for Manganese is based on the annual average value.

* 1mg/L = 1ppm

----- = No Permit Limits