

## Horticultural and Industrial Users Recycled Water Quality Report

North City Water Reclamation Plant (NCWRP)

	Symbol	Unit of Measurement	Recycled Water Permit Limit <sup>3</sup>	NCWRP Recycled Water
Alkalinity	CaCO <sub>3</sub>	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	Са	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 <sup>5</sup>	Mn	mg/L	0.1	
Boron	В	mg/L	0.75	
Ammonia - Nitrogen	NH <sub>3</sub> -N	mg/L		
Nitrate as N	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 ft <sup>4</sup>		
Phosphorus Pentoxide <sup>1</sup>	$P_2O_5$	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 Adsorption Ratio	SAR	Calculated		

<sup>1</sup>Determined as Phosphorus in the elemental form (P); Phosphorus Pentoxide ( $P_2O_5$ ) calculated by multiplying P by 2.3.

<sup>2</sup>Determined as Potassium in the elemental form (K); Potassium Oxide (K<sub>2</sub>O) calculated by multiply K by 1.2.

<sup>3</sup> 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

<sup>5</sup>Compliance for Manganese is based on the annual average value.

\* 1mg/L = 1ppm

----- = No Permit Limits

\*\* Not a limit of permit SDRWQCB Order #R9-2015-0091