

WATER RESOURCES LABORATORY

ANALYTICAL REPORT

ANNUAL SUMMARY OF RECLAIMED WATER

2018

Composite

Date/ Time sample collected: 10/9/2018 / 1848
 Lab Identification No. : R180614-07746

PARAMETER	METHODS	Units	RESULTS
Alkalinity (as CaCO3)	SM2320B	mg/L	266
Bicarbonate (HCO3)	Calc.	mg/L	325
Calcium (Ca)	SM3500-Ca D	mg/L	62.1
Total Hardness (CaCO3)	SM2340C	mg/L	282
Total Sulfide (S2-)	SM 4500 S2 - D	mg/L	<0.050
Sulfate (SO4)	EPA 300.0	mg/L	175
Chloride (Cl)	EPA 300.0	mg/L	364
Nitrate as Nitrogen (NO3-N)	Hach10206	mg/L	6.36
Nitrite as Nitrogen (NO2-N)	EPA 300.0	mg/L	2.72
Fluoride (F)	EPA 300.0	mg/L	0.56
Bromide (Br)	EPA 300.0	mg/L	0.68
Ammonia as Nitrogen	Hach 10205	mg/L	34.0
Chlorine Residual - Total*	SM 4500-Cl C	mg/L	1.41
Total Suspended Solids (TSS)	SM2450D	mg/L	<1
Total Dissolved Solids (TDS)	SM24540C	mg/L	1076
pH, Units	SM4500-H+ B	pH unit	9.19
Color, apparent unfiltered	SM2120B	color units	44
Conductivity (EC), umhos/cm	SM2510B	umhos/cm	2099
Turbidity, NTUs	SM2130B	NTU	0.35
Phosphorous (P)	SM4500-P B/E	mg/L	--
Boron (B)	EPA 6010	mg/L	0.889
Sodium (Na)	EPA 200.7	mg/L	282
Potassium (K)	EPA 200.7	mg/L	--
Magnesium (Mg)	EPA 200.7	mg/L	30.7
Sodium Absorption Ratio (SAR)	Calc.		7.3
Adjusted SAR (SARa)	Calc.		
Arsenic (As)	EPA 200.8	ug/L	--
Cadmium (Cd)	EPA 200.8	ug/L	<1.00
Chromium (Cr)	EPA 200.8	ug/L	--
Copper (Cu)	EPA 200.8	ug/L	--
Iron (Fe)	EPA 200.7	ug/L	--
Lead (Pb)	EPA 200.8	ug/L	<1.00
Mercury (Hg)	EPA 245.1 - SO	ug/L	--
Molybdenum (Mo)	EPA 200.8	ug/L	--
Nickel (Ni)	EPA 200.8	ug/L	--
Silver (Ag)	EPA 200.8	ug/L	--
Zinc (Zn)	EPA 200.8	ug/L	--

All units are in mg/L unless other wise indicated.

MDLs: Method of Detection Limits

* Grab sample

GF
Gaylen Fair
 Laboratory Supervisor

10/23/2018
 Date