

WATER RESOURCES LABORATORY
 ANALYTICAL REPORT

SEMI-ANNUAL SUMMARY OF RECLAIMED WATER

2019

Composite Sample

Date/ Time sample collected: 7/8/2019 / 1747

Lab Identification No. : R190589-07906

PARAMETER	METHODS	Units	RESULTS
Alkalinity (as CaCO3)	SM2320B	mg/L	177
Bicarbonate (HCO3)	Calc.	mg/L	216
Calcium (Ca)	SM3500-Ca D	mg/L	76.9
Total Hardness (CaCO3)	SM2340C	mg/L	336
Total Sulfide (S2-)	SM 4500 S2 - D	mg/L	<0.0500
Sulfate (SO4)	EPA 300.0	mg/L	214
Chloride (Cl)	EPA 300.0	mg/L	364
Nitrate as Nitrogen (NO3-N)	HACH10206	mg/L	16.7
Nitrite as Nitrogen (NO2-N)	EPA 300.0	mg/L	<0.20
Fluoride (F)	EPA 300.0	mg/L	0.44
Bromide (Br)	EPA 300.0	mg/L	0.56
Ammonia as Nitrogen	Hach 10205	mg/L	2.51
Chlorine Residual - Total*	SM 4500-Cl C	mg/L	3.8
Total Suspended Solids (TSS)	SM2450D	mg/L	<1
Total Dissolved Solids (TDS)*	SM24540C	mg/L	1294
pH, Units*	SM4500-H+ B	pH unit	7.61
Color, apparent unfiltered	SM2120B	-color units	15
Conductivity (EC), umhos/cm	SM2510B	umhos/cm	2086
Turbidity, NTUs	SM2130B	NTU	0.4
Boron (B)	EPA 6010	mg/L	0.931
Sodium (Na)	EPA 200.7	mg/L	294
Magnesium (Mg)	EPA 200.7	mg/L	32.5
Sodium Absorption Ratio (SAR)	Calc.		7.1
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	2.23
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	--

* Grab sample

GF
 Gaylen Fair
 Laboratory Supervisor

8/5/2019
 Date