

WATER RESOURCES LABORATORY
 ANALYTICAL REPORT

SEMI-ANNUAL SUMMARY OF RECLAIMED WATER

2017

Date/ Time sample collected:	Composite 10/15/2017 1921	Ammonia 10/17/2017 1900
Lab Identification No. :	R17-10939	R17-10989

PARAMETER	METHODS	Units	RESULTS
Alkalinity (as CaCO3)	SM2320B	mg/L	307
Bicarbonate (HCO3)	Calc.	mg/L	375
Calcium (Ca)	SM3500-Ca D	mg/L	109
Total Hardness (CaCO3)	SM2340C	mg/L	510
Total Sulfide (S2-)	SM 4500 S2 - D	mg/L	<0.050
Sulfate (SO4)	EPA 300.0	mg/L	435
Chloride (Cl)	EPA 300.0	mg/L	335
Nitrate as Nitrogen (NO3-N)	HAch10206	mg/L	11.2
Nitrite as Nitrogen (NO2-N)	EPA 300.0	mg/L	2.80
Fluoride (F)	EPA 300.0	mg/L	0.71
Bromide (Br)	EPA 300.0	mg/L	0.50
Ammonia as Nitrogen	Hach 10205	mg/L	37.5
Chlorine Residual - Total*	SM 4500-Cl C	mg/L	4.3
Total Suspended Solids (TSS)	SM2450D	mg/L	1.3
Total Dissolved Solids (TDS)	SM24540C	mg/L	1367
pH, Units	SM4500-H+ B	pH unit	7.91
Color, apparent unfiltered	SM2120B	color units	27
Conductivity (EC), umhos/cm	SM2510B	umhos/cm	2369
Turbidity, NTUs	SM2130B	NTU	0.27
Phosphorous (P)	SM4500-P B/E	mg/L	--
Boron (B)	EPA 6010	mg/L	0.790
Sodium (Na)	EPA 200.7	mg/L	248
Potassium (K)	EPA 200.7	mg/L	--
Magnesium (Mg)	EPA 200.7	mg/L	55.1
Sodium Absorption Ratio (SAR)	Calc.		4.8
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

Gaylen Fair
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 Laboratory Supervisor

11/1/2017
 Date