

TABLE 1
2017 Surface Water Monitoring Data

Lab	IML	SWM #1 upper/lower	SWM #4&6 upper/lower	SWM #1 upper/lower	SWM #1 upper/lower	SWM #1 upper/lower
Location						
work order:		S1710107	S1710107			
collection date:		10/2/17	10/2/17	Not sampled	Not sampled	Not sampled
s.u.	pH	8.0	8.1			
µmhos/cm	Electrical Conductivity	531	419			
mg/L	Total Dissolved Solids (180)	390	270			
mg/L	Total Suspended Solids	190	78			
mg/L	Total Alkalinity (as CaCO3)	64	79			
mg/L	Nitrate Nitrogen (As N)	0.7	0.4			
	Sodium Adsorption Ratio	0.05	1.73			
mg/L	Bicarbonate as HCO3	78	97			
mg/L	Carbonate as CO3	ND	ND			
mg/L	Chloride	1	5			
mg/L	Fluoride	0.3	0.4			
mg/L	Sulfate	191	102			
mg/L	Calcium	83	27			
mg/L	Magnesium	9	5			
mg/L	Potassium	9	9			
mg/L	Sodium	2	38			
mg/L	Dissolved Boron	0.1	ND			
mg/L	Dissolved Iron	0.41	0.07			
mg/L	Dissolved Manganese	ND	ND			
mg/L	Total Aluminum	64.1	61.7			
mg/L	Total Arsenic	0.028	0.017			
mg/L	Total Cadmium	0.003	ND			
mg/L	Total Iron	102	77.7			
mg/L	Total Lead	0.12	0.08			
mg/L	Total Manganese	3.31	1.35			
mg/L	Total Mercury	ND	ND			
mg/L	Total Phosphorus	6.1	2.0			
mg/L	Total Selenium	0.003	0.004			

ND=NON Detected at LOQ						