

TABLE 1
2015 Surface Water Monitoring Data

Lab	Summit							
<u>Location</u>		SWM#4-6Lower	SWM#7 Lower	SWM#8 Lower	SWM#7 Upper	SWM#7 Lower	SWM#8 Upper	SWM#8 Lower
<u>work order:</u>		15082113	15082113	15082113				
<u>collection date:</u>		8/13/2015	8/13/2015	8/13/2015				
mg/L	Total Aluminum	33.9	56	106				
mg/L as CaCo3	Hydroxide Alkalinity							
mg/L as CaCo3	Carbonate Alkalinity	<10	<10	10				
mg/L as CaCo3	Bicarbonate Alkalinity	223	224	339				
mg/L	Total Arsenic	0.0296	ND	0.037				
mg/L	Dissolved Boron	0.143	0.103	0.163				
mg/L	Dissolved Calcium	64.9	20.8	26.2				
mg/L	Dissolved Potassium	19.6	3.58	5.34				
mg/L	Dissolved Magnesium	14.2	1.57	4.55				
mg/L	Dissolved Cadmium	ND	ND	26.2				
mg/L	Chloride	7.5	9.8	4.3				
mg/L	Dissolved Iron	ND	0.241	0.504				
mg/L	Total Mercury	ND	ND	ND				
mg/L	Total Lead	0.0272	0.031	0.058				
s.u.	pH	6.45	7.09	7.33				
mg/L	Total Selenium	ND	ND	ND				
mg/L	Sulfate	87.3	6.67	197				
mg/L	Total Dissolved Solids	142	264	346				
mg/L	Total Suspended Solids	24	2020	1400				
mg/L	Dissolved Vanadium							
mg/L	Dissolved Zinc							
mg/L	Dissolved Cobalt							
mg/L	Dissolved Chromium							
mg/L	Dissolved Copper							
mg/L	Sodium	30.2	32.3	102				
mg/L	Nitrate	ND	ND	ND				
mg/L	Phosphorous	2.44	1.49	3.47				
mg/L	Manganese	1.36	1.15	2.87				
mg/L	Iron	49.6	60.9	120				
mg/L	Flouride	ND	ND	ND				
mg/L	Dissolved Manganese	0.592	ND	0.176				
mg/L	Specific Conductivity	576	261	696				

ND=NON Detected at LOQ