



Sediment Discharge Standards for Placer Mine Effluent – Yukon River South Watershed

Habitat Suitability	Water Quality Objective ¹	Sediment Discharge Standard for Mine Discharge
High	<25 mg/L ¹	Compliance Level: <0 mg/L
Moderate-H	<25 mg/L ¹	Compliance Level: <200 mg/L
Moderate-M	<50 mg/L ¹	Compliance Level: <200 mg/L
Moderate-L	<80 mg/L ¹	Design Target: 0.2 ml/L Action Level: 0.8 ml/L Compliance Level: 1.2 ml/L
Freshwater Fisheries Production Zones	<300 mg/L ¹	Design Target: 0.2 ml/L Action Level: 1.0 ml/L Compliance Level: 1.5 ml/L
Areas of Special Consideration		
<i>Britannia Creek (lower main stem)</i>	<25 mg/L ¹	Compliance Level: <200 mg/L
<i>Yukon River (main stem at Ballarat Creek)</i>	<25 mg/L ¹	Compliance Level: <0 mg/L
<i>Yukon River (main stem at Coffee Creek)</i>	<25 mg/L ¹	Compliance Level: <0 mg/L
<i>Yukon River (main stem between Dan Man and Carlisle Creek)</i>	<25 mg/L ¹	Compliance Level: <0 mg/L
<i>Mitchie to Squanga Lakes</i>	<25 mg/L ¹	Compliance Level: <0 mg/L
Small Tributary To Small Lake Trout Lake	<50 mg/L ¹	Compliance Level: 200 mg/L
Medium Tributary To Small Lake Trout Lake	<50 mg/L ¹	Design Target: 0.2 ml/L Action Level: 0.4 ml/L Compliance Level: 0.8 ml/L

SPARKLING CREEK DISCHARGE STANDARD