

## **Silt Plume & Turbidity from Duncan Creek Discharge**



**Sediments in suspension in a stream or other water body can have a significant impact on the water quality because sediments decrease water clarity, which reduces visibility. Water clarity is usually measured as turbidity. Turbid waters prevent the growth of aquatic plants and algae (because plants need light for photosynthesis) and decrease the ability of fish to find food or to detect predators and prey, thereby increasing stress. Sediments may smother stream invertebrates which are an important food source for fish.**