

**Alaska Department of Fish and Game
Fish Habitat Permit Stipulations Summary**

Activity	Anadromous Spawning	Other Anadromous	Non-Anadromous Fish-bearing	Non-fish-bearing
Stream Crossings with Equipment & Light Vehicles	FISH HABITAT PERMIT FH20-SW-0001 AMENDMENT 1 does not apply. Requires specific ADF&G permitting prior to implementation.	1) Stream crossings with equipment and light vehicles shall be made from bank to bank in a direction substantially perpendicular to the direction of stream flow to the extent practicable. Equipment crossings shall be made in a manner that precludes creation of barriers to efficient fish passage (ridging and/or rutting of streambed, etc.). Any inadvertent disturbance of the bank shall be immediately stabilized.		FISH HABITAT PERMIT FH20-SW-0001 AMENDMENT 1 does not apply.
Stream Bank Modifications		6) ADF&G Habitat shall be notified within 24 hours.		
Waterbody Modification		2) No significant modifications to the banks of the stream are authorized, except for the following mitigation measures when necessary to stabilize the bank and facilitate safe and efficient crossings: (A) logs, cribbing, and/or culverts may be temporarily placed along the bank and/or in the bed of the stream parallel to current flow; (B) large woody debris may be moved downstream, deposited upland, or used for the crossing; and (C) riparian vegetation that needs to be cut shall be deposited back from the stream and no roots/stumps grubbed within 50 feet of the stream. After use of the crossing any material used for a structure shall be immediately removed and the bed and bank of the stream restored and stabilized.		
Water Withdrawal - Pump		6) ADF&G Habitat shall be notified within 24 hours.		
Water Withdrawal - Pump		4) Waterbodies shall not be altered in a manner that could block or trap fish. However, to facilitate the efficient function of a pump hand tools may be used to deepen a sump. The depression shall be filled in after use.		
Water Withdrawal - Aerial Buckets or Scooper Airplanes		6) ADF&G Habitat shall be notified within 24 hours.		
Water Withdrawal - Pump		3) Each water intake structure shall be designed to prevent the entrainment, impingement and/or entrapment of fish and shall be installed and maintained at each intake location. The effective screen openings may not exceed 0.25 inches (1/4 inch), and water velocity at the screen/water interface may not exceed 0.5 feet per second when the pump is operating.		
Water Withdrawal - Pump		5) If it is critical to immediately withdraw water from an anadromous waterbody where the habitat type is not verified a pump may be used if the intake is buoyed near the surface and the site is deep enough whereby the streambed is not disturbed by the action of the pump.		
Water Withdrawal - Pump	6) ADF&G Habitat shall be notified within 24 hours.			
Water Withdrawal - Pump	7) The invasive aquatic plant Elodea sp. has been found in waterbodies throughout Alaska. Pumps, hoses, and screens shall be thoroughly inspected after pumping and when moving between bodies of water. Any plant material must be removed and discarded to an upland location, and withdrawn water containing plant material may not be discharged into any other waterbodies except after treatment that prevents the spread of Elodea.			
Water Withdrawal - Aerial Buckets or Scooper Airplanes	6) ADF&G Habitat shall be notified within 24 hours.			
Water Withdrawal - Aerial Buckets or Scooper Airplanes	7) The invasive aquatic plant Elodea sp. has been found in waterbodies throughout Alaska. Pumps, hoses, and screens shall be thoroughly inspected after pumping and when moving between bodies of water. Any plant material must be removed and discarded to an upland location, and withdrawn water containing plant material may not be discharged into any other waterbodies except after treatment that prevents the spread of Elodea.			