



## **FISH HABITAT PERMIT**

**FH22-III-0217**

ISSUED: October 25, 2022  
EXPIRES: December 31, 2025

Northern Star (Pogo) LLC  
Attn: Russell Gossett  
PO Box 145  
Delta Junction, AK 99737

RE: Water Withdrawal  
Unnamed Pond (herein referred to as Gravel Pit Pond North)  
Section 27, T 5S, R 14E, FM (Big Delta B-2)  
Coordinate: 64.4502 N, 144.9409 W  
Unnamed Pond (herein referred to as Gravel Pit Pond South)  
Section 27, T 5S, R 14E, FM (Big Delta B-2)  
Coordinate: 64.4499 N, 144.9404 W

Dear Russell Gossett:

Pursuant to AS 16.05.841 (Fishway Act), the Alaska Department of Fish and Game (ADF&G) Habitat Section has reviewed your proposal to withdraw water from Gravel Pit Pond North and Gravel Pit Pond South.

### **Project Description**

You will withdraw water from Gravel Pit Pond North and Gravel Pit Pond South to support camp activities including but not limited to dust mitigation and fire suppression for weekly burn activities. Water will be withdrawn year-round. Each pump intake has 0.25" screen mesh to prevent fish impingement. We received your Fish Habitat Permit application via email on October 12, 2022. ADF&G Fish Habitat Permit FH20-III-0045 has been issued for water withdrawals from these ponds (referenced as "Unnamed Pond"), to support exploration activities.

### **Fishway Act**

Gravel Pit Ponds North and South contain resident fish, including Arctic grayling and likely slimy sculpin. Your project as proposed should not obstruct the free passage of fish.

In accordance with AS 16.05.841, your project is approved subject to the project description and permit terms, with the following stipulation:

1) 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.

*For detailed information regarding screened intake device design please consult our webpage <http://www.adfg.alaska.gov/index.cfm?adfg=uselicense.withdrawal> and Technical Report No. 97-8 ([http://www.adfg.alaska.gov/static/license/uselicense/pdfs/97\\_08.pdf](http://www.adfg.alaska.gov/static/license/uselicense/pdfs/97_08.pdf)).*

### **Permit Terms**

This letter constitutes a permit issued under the authority of AS 16.05.841 and must be retained on site during project activities. Please be advised that this determination applies only to activities regulated by the Habitat Section of ADF&G; other agencies also may have jurisdiction under their respective authorities. This determination does not relieve you of your responsibility to secure other permits; state, federal, or local. You are still required to comply with all other applicable laws.

You are responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project. For any activity that significantly deviates from the approved plan, you shall notify the ADF&G Habitat Section and obtain written approval in the form of a permit amendment before beginning the activity. Any action that increases the project's overall scope or that negates, alters, or minimizes the intent or effectiveness of any provision contained in this permit will be deemed a significant deviation from the approved plan. The final determination as to the significance of any deviation and the need for a permit amendment is the responsibility of the ADF&G Habitat Section. Therefore, it is recommended that you consult the Habitat Section before considering any deviation from the approved plan.

You shall give an authorized representative of the state free and unobstructed access to the permit site, at safe and reasonable times, for the purpose of inspecting or monitoring compliance with any provision of this permit. You shall furnish whatever assistance and information the authorized representative reasonably requires for monitoring and inspection purposes.

In addition to the penalties provided by law, this permit may be terminated or revoked for failure to comply with its provisions or failure to comply with applicable statutes and regulations. You shall mitigate any adverse effect upon fish or wildlife, their habitats, or any restriction or interference with public use that the commissioner determines was a direct result of your failure to comply with this permit or any applicable law.

You shall indemnify, save harmless, and defend the department, its agents, and its employees from any and all claims, actions, or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from permitted activities or your performance under this permit. However, this provision has no effect if, and only if, the sole proximate cause of the injury is the department's negligence.

Please direct questions about this permit to Habitat Biologist Lauren Yancy at 907-459-7254 or [lauren.yancy@alaska.gov](mailto:lauren.yancy@alaska.gov).

Sincerely,  
Doug Vincent-Lang  
Commissioner



By: Audra L. J. Brase  
Fairbanks Regional Supervisor

ecc: Al Ott, ADF&G Habitat, Fairbanks  
Permit Coordinator, ADF&G SF  
Jenny March, ADNR Mining and Water, Fairbanks  
Andrew Gryska, ADF&G SF, Fairbanks  
Bob Henszey, USFWS, Fairbanks  
Ellen Lyons, USACE, Fairbanks  
AWT Northern Detachment, Fairbanks

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