



THE STATE  
of **ALASKA**  
GOVERNOR MIKE DUNLEAVY

## Department of Fish and Game

HABITAT SECTION  
Southeast Region Office

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Juneau, Alaska 99811-0024  
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### FISH HABITAT PERMIT FH24-I-0073

**ISSUED:** May 24, 2024  
**EXPIRES:** December 31, 2028

Hecla Greens Creek Mining Company  
ATTN: Paula Lillesve  
P.O. Box 32199  
Juneau, AK 99803-2199

**RE:** Water Withdrawal  
Big Sore Creek  
Section 8, T 44S, R 66E, CRM (Juneau A-2)  
Location: 58.08313 N, 134.62588 W (WGS 84)

Dear Paula Lillesve:

Pursuant to the Fishway Act at AS 16.05.841, the Alaska Department of Fish and Game (ADF&G) Habitat Section reviewed your proposal to withdrawal water from Big Sore Creek to support mineral exploration as part of Greens Creek Mine operations.

#### **Project Description**

From the confluence of Big Sore Creek with Greens Creek upstream to 1500 ft elevation, you will withdraw water using 2 inch diameter gravity fed intake hoses screened with 1/8 inch mesh, or 2 inch pump intakes placed in a bucket drilled with 1/4 inch holes, at a rate of 20–30 gpm. You will inspect and repair any damage to the intake prior to use and remove debris during operation.

#### **Fishway Act**

Big Sore Creek supports Dolly Varden.

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

#### **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 Habitat Section regulated activities; other agencies also may have jurisdiction under their respective authorities. This determination does not relieve you of your responsibility to secure other state, federal, or local permits. 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. Prior to engaging in any activity that significantly deviates from the approved plan, you shall notify the Habitat Section and obtain written approval in the form of a permit amendment. 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 a Habitat Section responsibility. Therefore, it is recommended the Habitat Section be consulted immediately when a deviation from the approved plan is being considered.

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 Jesse Lindgren at (907) 465-1635 or [jesse.lindgren@alaska.gov](mailto:jesse.lindgren@alaska.gov).

Sincerely,  
Doug Vincent-Lang  
Commissioner



By: Kate Kanouse  
Regional Supervisor

Email cc:

Al Ott, ADF&G Habitat, Fairbanks  
ADF&G Habitat Staff, Douglas  
Patrick Fowler, ADF&G SF, Sitka  
Dan Teske, ADF&G SF, Douglas  
Scott Forbes, ADF&G CF, Douglas  
Carl Kosh, ADF&G WC, Douglas  
Sylvia Kreel, DNR OPMP, Juneau

Mike Salyer, USACE, Soldotna  
Andy Stevens, USFWS, Anchorage  
Habitat Conservation Division, NMFS, Juneau  
Teri Camery, CBJ, Juneau  
Sgt. Branden Forst, DPS/AWT, Juneau  
Casey Loofbourrow, USDA Forest Service, Juneau  
Seth Hooper, Hecla, Juneau