



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Fish and Game

HABITAT SECTION
Southcentral Regional Office

333 Raspberry Road
Anchorage, Alaska
Main: 907.267.2342
Fax: 907.267.2499

FISH HABITAT PERMIT FH23-II-0054

ISSUED: June 6, 2023

EXPIRES: September 30, 2027

JT Mining, Inc.
Attn: Devin den Boer
375 Water Street, Suite 405
Vancouver, BC V6B5C6

RE: Stream Gauge Installation and Operation
Unnamed Creek (Ore Creek)
Section 6, T 1 S, R 21 W, SM
Location: 60.119824 N, 152.962154 W

Dear Devin den Boer:

Pursuant to the Fishway Act at AS 16.05.841, the Alaska Department of Fish and Game (ADF&G) Habitat Section has reviewed your proposal to install and operate a stream gauge on an unnamed stream known as Ore Creek.

Project Description

You propose to install a stream gauge in Ore Creek at the location shown in Figure 1. A steel well point will be driven into the streambed and the well point will be instrumented with a vented pressure transducer and connected with conduit to a steel enclosure located above ordinary high water (Figure 2). Periodic discharge measurements will be conducted using either a current meter or dye dilution. Dye dilution measurements will be performed using sodium fluorescein, also known as uranine. Maximum dye concentration for this project will be below 0.5 mg/L for a duration of less than 30 minutes.

Fishway Act

Ore Creek may support resident fish species such as sculpin or Dolly Varden.

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

1. All project components shall be removed from the river upon project completion.

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; 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 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 Habitat Section. Therefore, we recommend you consult the Habitat Section immediately 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 Josh Brekken at (907) 267-2113 or josh.brekken@alaska.gov.

Sincerely,
Doug Vincent-Lang
Commissioner



By Ron Benkert
Southcentral Regional Supervisor

Enclosures: Figures 1 and 2

Email cc:

A. Ott, ADF&G

M. Booz, ADF&G-SF

G. Hollowell, ADF&G-CF

C. Larson, ADNR DMLW

J. Craig, DPS/AWT Soldotna

D. Brailey, Brailey Hydrologic

Figure 1. Proposed Stream Gauge Locations



Figure 2. Stream Gauge Installation Details

