



THE STATE
of **ALASKA**
GOVERNOR MICHAEL J. DUNLEAVY

Department of Fish and Game

DIVISION OF HABITAT
Fairbanks Region Office

1300 College Road
Fairbanks, AK 99701-1551
Main: 907.459.7289
Fax: 907.459.7303

FISH HABITAT PERMIT

FH19-III-0102

ISSUED: May 29, 2019
EXPIRES: December 31, 2024

Teck American Incorporated
Attn: Catherine Suda
501 N. Riverpoint Blvd., Suite 300
Spokane, WA 99202

RE: APMA 9339
Wulik River (Stream No. 331-00-10060)
Section 4, T32N, R19W, KRM, DeLong Mts. A-2
68.200N, 163.028W

Unnamed Creek/Oak Creek (Stream No. 331-00-10060-2213)
Section 5, T32N, R19W, KRM, DeLong Mts. A-2
68.196N, 163.051W

Unnamed Creek (Stream No. 331-00-10060-2207)
Section 8, T32N, R19W, KRM, DeLong Mts. A-2
68.189N, 163.078W

Dear Ms. Suda:

Pursuant to AS 16.05.871 (b), the Alaska Department of Fish and Game (ADF&G) Division of Habitat has reviewed your proposal to add additional water withdrawal locations to support your Multi-Year Hardrock Exploration program (APMA 9339). FH12-III-0091-A4 covers water withdrawals from resident fish streams for the same project.

Project Description

Water withdrawals will be through a screened intake with mesh size not to exceed 0.25 inch, and with a water velocity at the screen/water interface not to exceed 0.5 feet per second. Water will be withdrawn using a 4 to 6 inch siphon with a maximum pump rate of 20 gallons per minute.

Anadromous Fish Act

The Wulik River has been specified as being important for the spawning, rearing, or migration of anadromous fishes pursuant to AS 16.05.871(a). In the vicinity of your project, the Wulik River provides spawning habitat for Chinook salmon and Dolly Varden, and migration habitat for whitefish and sockeye salmon. The unnamed tributaries to the Wulik River provide rearing habitat for juvenile Dolly Varden. The streams also support resident fish species, such as Arctic grayling. Your project as proposed should not have adverse effects on anadromous fish or their habitat and should not obstruct the free passage of fish.

In accordance with AS 16.05.871(d), 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 16.05.871 and must be retained on site during project activities. Please be advised that this determination applies only to Division of Habitat regulated activities; 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 Division of Habitat 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 a Division of Habitat responsibility. Therefore, we recommend you consult the Division of Habitat 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.

You may appeal this permit decision relating to AS 16.05.871 in accordance with the provisions of AS 44.62.330-630.

Please direct questions about this permit to Habitat Biologist Chelsea Clawson at 907-459-7287 or chelsea.clawson@alaska.gov.

Sincerely,
Doug Vincent-Lang
Commissioner



By: Audra L. J. Brase
Fairbanks Regional Supervisor

ecc: Brendan Scanlon, ADF&G SF, Fairbanks
James Menard, ADF&G CF, Nome
Fairbanks Mining, ADNR, Fairbanks
Drew Harrington, ADNR, Fairbanks
Jenny March, ADNR, Fairbanks
Bob Henszey, USFWS, Fairbanks
NOAA Fisheries, Anchorage
AWT Northern Detachment
Al Ott, ADF&G HAB, Fairbanks

AB/cmc