



**PUBLIC NOTICE
LAS 31988**

State of Alaska Division of Geological and Geophysical Surveys

Subject to AS 38.05.850, the Northern Regional Office has received an application for the following:

APPLICANT: State of Alaska Division of Geological and Geophysical Surveys

PROJECT NAME: LAS 31988

GEOGRAPHIC LOCATION: Within an approximately nine acre thermokarst lake at Goldstream Creek in the Goldstream Public Use Area, east of Ballaine Road.

LEGAL DESCRIPTION:

N½ NE¼ of Section 18, Township 1 North, Range 1 West, Fairbanks Meridian.

REQUESTED ACTIVITY: The applicant proposes to place an eddy flux tower on two rafts on a pristine thermokarst lake within the legislatively designated Goldstream Public Use Area. This equipment will measure CO₂ and methane flux between the lake and the atmosphere as part of a permafrost study. The rafts will contain study equipment and batteries housed in weather proof containers. Solar panels will be mounted on pipes driven into the bed of the lake to charge batteries. A portable generator will be used to periodically charge batteries during low light periods of the winter. Both rafts will remain on the lake year-round for a period of five years.

PROPOSED DATES OF USE:

Start: November 1, 2017

End: October 31, 2022

DEADLINE FOR COMMENTS: October 4, 2017

The public is invited to comment on the proposed activity. To ensure consideration, written comments must be received by the Division of Mining, Land and Water at 3700 Airport Way, Fairbanks, AK 99709 on or before 5:00 p.m. on the date noted above. Questions concerning this proposal or requests to view the full application packet should be directed to Adam Leland, Telephone: 907-451-2722; Fax: 907-451-2751, or e-mail: adam.leland@alaska.gov.

After review and adjudication, we may issue a permit with stipulations for the activity. The activity may be modified during the review and adjudication process.

The State of Alaska, Department of Natural Resources complies with Title II of the Americans with Disabilities Act of 1990. Individuals with disabilities who may need auxiliary aids, services, or special

modifications to participate in this review may contact the DNR Public Information Center from 10 a.m.-5 p.m. M-F at TTY 451-2770. Copies of the Alaska Statute referenced above may be accessed online by searching the State of Alaska website at www.legis.state.ak.us/basis/folio.asp.

The DNR/DMLW reserves the right to waive technical defects in this notice.