

**STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND AND WATER**

**LAND USE PERMIT APPLICATION**

**AS 38.05.850**

**Applicants must complete all sections of this application. In addition, applicants proposing:**

- the use of the uplands and non marine waters must also complete the Supplemental Questionnaire for Use of Uplands and Non Marine Waters accompanying this application;
- off-road travel must also complete the Supplemental Questionnaire for Off-Road Travel accompanying this application; and/or
- the use of tide and submerged lands must also complete the Supplemental Questionnaire for Use of Marine Waters accompanying this application.

**Other items that must accompany the completed application are:**

- **a (non-refundable) \$100 application filing fee;**
- a 1:250,000 or 1:63,360 scale USGS map showing the location of the proposed activity;
- additional items identified and required in any supplemental questionnaire(s) to this application; and
- additional pages if more space is necessary to answer the questions completely.

**Completed Land Use Permit Applications should be mailed to one of the following offices:**

**Public Information Center**  
550 W. 7<sup>th</sup> Ave, Suite 1260  
Anchorage, AK 99501  
(907) 269-8400

**Public Information Center**  
3700 Airport Way  
Fairbanks, AK 99709  
(907) 451-2705

**MLW Information Office**  
P.O. Box 111020  
Juneau, AK 99811-1020  
(907) 465-3400

Customer ID (CID) 14148

LAS # \_\_\_\_\_

**Applicant Information:**

University of Alaska

Applicant Name			Date of Birth
Doing Business As		Contact Person	EIN
P.O. Box 755280 Fairbanks Alaska 99775-5280		desiegfried@alaska.edu	
Mailing Address with City, State and Zip			Email Address
( ) ( ) ( )	( 907 ) 450-8133	( )	( 907 ) 450-8131
Home Phone	Work Phone	Cell Phone	FAX

If you are applying for a corporation, give the following information:

Name, address and place of incorporation: \_\_\_\_\_

Is the corporation qualified to do business in Alaska? Yes ☒ No ☐. If yes, provide name, address and phone number of resident agent: \_\_\_\_\_

**Type of User, Select one:** ☐ Private non-commercial (personal use) ☐ Commercial Recreation or Tourism  
☒ Public Non-profit including Federal, State, Municipal Government Agency ☐ Other commercial or industrial

**Duration of Project:** The proposed activity will require the use of state land for: (Check one)

☒ a single term of less than one year. Beginning month: March, 2019 Ending month: March, 2024

☐ a multi year term for up to 5 years. Beginning year: \_\_\_\_\_ Ending year: \_\_\_\_\_

If multi year and seasonal, circle months of use in each year. Jan., Feb., Mar., Apr., May, Jun., Jul., Aug., Sept., Oct., Nov., Dec.

### **Project Location**

Latitude/Longitude or UTM: All state land in the Umiat Meridian or

See map Section: \_\_\_\_\_, Township: \_\_\_\_\_, Range: \_\_\_\_\_, Meridian: \_\_\_\_\_  
(The spaces below are to be used if the boundaries of the proposed project cross section lines.)

\_\_\_\_\_ Section: \_\_\_\_\_, Township: \_\_\_\_\_, Range: \_\_\_\_\_, Meridian: \_\_\_\_\_

\_\_\_\_\_ Section: \_\_\_\_\_, Township: \_\_\_\_\_, Range: \_\_\_\_\_, Meridian: \_\_\_\_\_

Proposed project will require the use of up to \_\_\_\_\_ acres. (Add additional sheets as necessary)

**Project Description** - Describe in detail your intended use of state land. (State land also includes all tide and submerged lands beneath coastal waters and all shorelands beneath other navigable water bodies of the state.) Discuss development and activities. (Attach additional pages as necessary.)

Two researchers from University of Alaska would like travel by two snowmachine<sup>S</sup> from Toolik Lake to Ahaliarak Lake in late March 2019. The goal of this work is to extract sediment cores from the bottom of the lake while using the ice as a platform. We will then use this sediment record to reconstruct past tundra fire frequency using charcoal stratigraphy. We will just be traveling over state land, and camping on ASRC land. The estimated time of this expedition is 7-10 days. The two researchers (Benjamin Jones, and Benjamin Gaglioti) have done similar trips together in the past, and have sufficient skills and equipment to complete this work.

Should a portion of the permitted area be closed to the general public? Yes ☐ No ☒. If yes, explain which portion and provide justification for exclusive use:

**Site Description** - Briefly describe the current condition of the proposed site of use, noting any trash, garbage, debris or signs of possible site contamination (If significant, we recommend you provide pictures to establish initial conditions):

Pristine.

Are there improvements or materials on the site now? Yes ☐ No ☒ If yes, briefly describe the improvements, their approximate value, and who owns them (We recommend you provide pictures of improvements):

**Site Description continued** - Describe the natural vegetation --- ground cover, trees, shrubs --- and any proposed changes. Describe the location of any estuarine, riparian, or wetlands and any noticeable animal use of area.

low arctic tundra, sedge wetlands, and glacial lakes. Sites are used by Arctic mammals such as caribou, fox, wolf etc.

**Site Access** - Describe how you plan to access the site, and your mode of transportation.

Two snowmachines.

If your access is by aircraft, specify the type and size of aircraft: \_\_\_\_\_

To access the site, the aircraft is equipped with floats ☐ wheels ☐ skis ☐.

**Number of people**

1. Indicate the number of employees and supervisors who will be working on the site. 2
2. Indicate the number of customers who will be using the site per year or season. 0
3. Indicate the number of days the site will be used per year or season. 7-10

**Environmental Risk / Hazardous Substances** - In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come in contact with toxic and/or hazardous materials, and/or hydrocarbons? **Yes**☒ **No**☐. **If yes,** please describe:

The types and volumes of fuel or other hazardous substances present or proposed:  
We will be transporting a total of 55 gallons of gasoline (10 in each of the machines, and 30 gallons being pulled in the snowmachine trailers strapped down upright in the sleds.

The specific storage location(s):  
In five-gallon HDPE storage containers, on a snowmachine trailer. The jugs will sit in a spill basin.  
The snowmachines will be re-fuelled using a siphon hose.

The spill plan and prevention methods:  
We will travel with a small-volume fuel spill kit including a absorbent pads.

**Environmental Risk/Hazardous Substances (continued)** - If you plan to use either above or below ground storage containers (like tanks, drums, or other containers) for hazardous material storage, answer the following questions for each container:

Where will the container be located? The container will be located on the snowmachine trailer.

What will be stored in the container? Gasoline

What will be the container's size in gallons? Two 15-gallon jugs.

Give a description of any secondary containment structure, including volume in gallons, the type of lining material, and configuration:  
The jugs will sit in a 40-gallon flexible containment basin.

Will the container be tested for leaks? Yes[ ☒ ] No[ ]

Will the container be equipped with leak detection devices? Yes[ ] No[ ☒ ] If no, describe: No leak detection is available.

Do you have any reason to suspect, or do you know if the site may have been previously contaminated? Yes[ ] No[ ☒ ] If yes, please explain:

Date Stamp:

Steve S. [Signature]  
Signature of Applicant or Authorized Representative

Spec II  
Title

12/4/18

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made part of the state public record and becomes public information under AS 09.25.110 and 09.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested.) Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit is punishable under AS 11.56.210.



## Land Use Permit Application Supplemental Questionnaire for: Off Road Travel

Answer the following questions if your proposed activity includes off-road travel.

**Terrain Factor.** Circle the following terrain type(s) that best describes your route of travel:

- Wetlands
- Open, non-tundra or wetland areas.
- Rivers or other water bodies.
- Wooded areas with trees of 6" or greater diameter (at breast height).
- **Tundra areas.**

**Vehicles and Weight.** List the number and kinds of vehicles to be used for motorized travel, the weight of each vehicle and the weight of each trailer or sled (including loaded weight) to be carried by that vehicle:

We will use two Ski Do Skandic snowmachines to travel. Each weighs 630 lbs. Each snowmachine will pull a loaded sled weighing ~300 lbs.

**Mileage.**

- State the average total miles traveled in one round trip: 51
- State the number of trips proposed: 2

**Season Factor.** Proposed date(s) of travel will be: **From:** March 23 **To:** March 30

**Stream and Water Body Crossings.** - Note who you contacted in the ADF&G, Division of Habitat:

Date: \_\_\_\_\_ Person: \_\_\_\_\_

**Fuel and Hazardous Substance Factor.** The volume of fuel and hazardous substances to be used is the total volume (in gallons) to be carried on one vehicle and any trailers or sleds that vehicle is towing.

- Maximum volume of fuel (in gallons) that is being transported by one vehicle and any trailers or sleds it is towing: 25 gallons.

- Hazardous substances other than fuel:

Substance None

Substance None

- Do you have an Oil Discharge Prevention and Contingency Plan approved by the Alaska Department of Environmental Conservation? **Yes** | **No** ~~xx~~
- Do you have either a trained spill response team or a contract with a spill response company? **Yes** | **No** ~~xxx~~

## Land Use Permit Application Supplemental Questionnaire for: Use of Uplands and Non Marine Waters

To be completed to provide more detailed information about projects or activities requiring the use of state owned uplands and non marine waters. All site development details identified in this section must be represented graphically in the scaled drawings on Page 4 of the supplement.

**Temporary Structures** – 1) Describe all temporary improvements (including buildings, tent platforms, out-buildings, docks, floats, and floating facilities), including their dimensions and building materials. 2) Label improvements to be maintained on a year round basis as year round. **Note:** Seasonal improvements must be completely dismantled and removed or stored on or before the end of authorized terms of use.

None

Distance structures including pit privies will be located from the ordinary highwater mark of the nearest freshwater body (lake, stream, river, etc), or the mean high water mark of a saltwater body: \_\_\_\_\_

**Harvest of Non-Timber Related Forest Products** – Please list the type and quantity of each non-timber related forest product (berries, ferns, willow, mushrooms, birch bark, etc.) to be harvested for commercial use:

None

Contact the DNR Division of Forestry to obtain authorizations for the harvest of small trees.

**Motorized Equipment** - List mechanized/motorized equipment to be used, including type, size, purpose, and number of each.

We will use two-stroke engines for travel (two snowmachines), and lake coring (one ice auger)

**Storage and Parking** - If you plan to store items or park boats, vehicles and/or heavy equipment on the site, describe complete the following:

Describe and give dimensions of long term and short term parking and or storage areas. \_\_\_\_\_

We will not store anything on DNR land. We will just be traveling through these lands.

Is parking or storage planned to take place on filled tidelands. Yes[ ] No[~~xxx~~]

Does storage involve structures or materials floating in a waterbody? Yes[ ] No[ ] If yes, describe. \_\_\_\_\_

No

**Storage and Parking (continued)**

Number of disassembled tent frames \_\_\_\_\_

Number of tent platforms \_\_\_\_\_

List and describe items that are large and difficult to transport. Include dimensions: \_\_\_\_\_

None

Will barrel(s) or an equivalent type of storage container be used? **Yes** [ ] **No** [ ] If using something other than barrels for storage containers, describe the alternative container.

No

Describe any measures you plan to take to minimize drips or spills from leaking vehicles or equipment. \_\_\_\_\_

**Water / Wastewater****Water Supply** – Describe the water supply and proposed use. \_\_\_\_\_

We will use melted snow for water.

**Wastewater** – Describe the wastewater type and quantity and proposed method of wastewater disposal: (for the marine environment, also describe the proposed gray and black water systems or out fall pipeline).

We will pack in and out waste.

**Waste** – Describe the types of waste that will be generated on-site, including solid waste, the source of the waste, and the method of waste disposal, i.e. pit privy, or self-contained system, or outfall line; indicate distance from the nearest waterbody.

Human waste and trash from two people not be left on this land.

### **Animal Use**

Will there be any use of animals (horses, llamas, dogs, etc.)? Yes[ ] No[ ]

Will there be commercial use of the animals (horseback rides, packing, dog sled rides, etc.)? Yes[ ] No[ ] If yes, please explain:

No

**Dismantle, Removal, Restoration Plan** – Provide a plan for dismantling and removing temporary structures. Include method and timeline for total site restoration:

No structures are planned

**SHORT TERM (PORTABLE) COMMERCIAL RECREATION CAMPS:** Identify commercial recreation activity/activities for which short term (portable) camps **will be** established to accommodate employees and clients, and provide a general description of the location(s) (e.g. guide use area, game management sub-unit, river, stream, lake, etc.) where the recreational activity/activities and short term (portable) camp use will occur.

\_\_\_ Big Game Guiding: (List up to 3 Guide Use Areas.) \_\_\_\_\_

\_\_\_ Sportfishing (List river corridors, lakes, etc.) \_\_\_\_\_

\_\_\_ Boating/Rafting/Kayaking: (List river corridors, lakes, etc.) \_\_\_\_\_

\_\_\_ Other Recreation: (Type and general geographic description.) \_\_\_\_\_

- Identify any State of Alaska Refuge, Sanctuary and/or Critical Habitat Area where short term (portable) camps will be used.

Will activities include “day use” of state land managed under the Haines State Forest Management Plan? Yes \_\_\_ No \_\_\_



**ASRC**

**BLM**

**State**

**ASRC**

**BLM**