

LAND USE PERMIT APPLICATION

AS 38.05.850

- 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.

- **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.

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

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Project Location

Latitude/Longitude or UTM: _____ or

W1/2 Section: 5, Township: 010S, Range: 029W, Meridian: Seward

(The spaces below are to be used if the boundaries of the proposed project cross section lines.)

E1/2 Section: 6, Township: 10S, Range: 029W, Meridian: Seward

_____ Section: _____, Township: _____, Range: _____, Meridian: _____

Proposed project will require the use of up to 0.1 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.)

PLP proposes to temporarily install one helicopter portable skid mounted radio repeater station to bust radio signal and allow radio communication for the safe operation of field crews in the area. This station would be located within proximity of an existing PLP radio repeater (LAS 29112).

The repeater station includes a radio antenna (maximum height 50'), radio equipment, solar panel, and power cells mounted on a skid. The power cells are enclosed and secured inside leak proof cases. The skid is approximately 10' long by 5' wide. The skid and antennae would be secured to the ground by means of a guy-cable anchoring system consisting of approximately 4 to 6 guy cables fastened to 4 to 6 tote type containers, that are filled with locally available rocks. Each tote is approximately 45" wide x 30" long x 30" tall.

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:

The site is located in a remote site of Alaska accessible by helicopter and public traffic is unlikely or infrequent. Regardless, the site where the repeater is installed should be closed to the general public to detract potential tampering with the system that could affect the repeater operation, for the safety of the public, and for the safety of the workers who rely in the repeater for radio communications.

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):

The proposed area is a natural state and we have no reasons to believe that possible contamination, trash or debris are present at the site. If upon inspection, during installation, we encounter possible contamination, trash or debris, we will document the condition and inform ADNR as soon as practicable.

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):

This equipment may be installed in proximity of a radio repeater station authorized under LAS 29112.

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.

The proposed radio repeater station would be installed on top a hill or ridge where bare ground (rocky outcrops) and short vegetation are typical. Since the equipment is surface-mounted, the only subsurface disturbance activities will be related to the guy-wire anchoring system. Locally available, loose rock, will be collected and placed in the totes to create weight, necessary to secure the guy cable. A minor amount of vegetation (e.g., alders, willows) may be cleared, as required, to allow sufficient buffer for installation of the equipment and safety of the crew. Once the station is no longer needed, all equipment would be removed and the area reclaimed, as necessary.

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

The station will be installed and maintained via helicopter.

If your access is by aircraft, specify the type and size of aircraft: Helicopter (Type A-Star B3, or B2, Hughes 500, or similar).

To access the site, the aircraft is equipped with **floats** [] **wheels** [] **skis** []. Helicopter skids

Number of people

Installation/Removal - Approx. 6

1. Indicate the number of employees and supervisors who will be working on the site. Maintenance - Approx. 2

2. Indicate the number of customers who will be using the site per year or season. N/A

3. Indicate the number of days the site will be used per year or season. 14-21

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 radio repeater instrumentation is electrically powered by sealed lead acid batteries and a solar panel. Batteries would be kept in leak proof containers for protection from weather and wildlife. Small amounts of fuel and lubricant would be available on site during installation/removal and maintenance operation to power small equipment.

The types and volumes of fuel or other hazardous substances present or proposed: Less than 50 gal of combined fuel, oil and lubricants, in portable containers.

The specific storage location(s): Small ammounts of fuel, oil and lubricants would be store at the site, during installation \removal, and maintenance operations, inside leak proof container or drip pan type liners.

The spill plan and prevention methods: Use of best management practices for fuel handling including: Use of drip pans; and funnels. Oil absorbents or rags would be available on site when fuel, oil and lubricants are present.

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? N/A

What will be stored in the container? N/A

What will be the container's size in gallons? N/A

Give a description of any secondary containment structure, including volume in gallons, the type of lining material, and configuration:
N/A

Will the container be tested for leaks? **Yes** ☐ **No** ☐ N/A

Will the container be equipped with leak detection devices? **Yes** ☐ **No** ☐. **If no**, describe: N/A

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:

Environmental Manager

Signature of Applicant or Authorized Representative

Title

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: 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.

The repeater station includes a radio antenna (maximum height 50'), radio equipment, solar panel, and power cells mounted on a skid. The power cells are enclosed and secured inside leak proof cases. The skid is approximately 10' long by 5' wide. The skid and antenna would be secured to the ground by means of a guy-cable anchoring system consisting of approximately 4 to 6 guy cables fastened to totes type containers, that are filled with locally available rocks.

Each tote is approximately 45" wide x 30" long x 30" tall.

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: No privies are required.

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:

Not Applicable

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.

1- Helicopter (Type A-Star B3, or B2, Hughes 500, or similar). - Transportation

Various - Small power tools and portable electrical generator - Equipment Installation/Removal, or maintenance as necessary.

For stream and water body crossings, note who you contacted in the ADF&G, Division of Habitat:

Date: N/A Person: N/A

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. _____

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

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

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: _____

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.

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. None required

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).

Non required

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.

Small amounts of waste (packing materials, food waste, etc) may be generated during installation/removal and maintenance operations. All waste would be removed from the site upon completion of each task and disposed at an approved location.

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:

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

The radio repeater station, or some of the components, may be removed and reinstalled annually if deemed necessary to protect the equipment from adverse weather conditions, or other conditions that may affect the integrity of the repeater. Once the repeater station is no longer necessary at this location, all equipment will be removed from the site, and the site returned to a clean, and safe condition. Rock used as weight for the for the anchoring system will be spread around the site.

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.)** _____

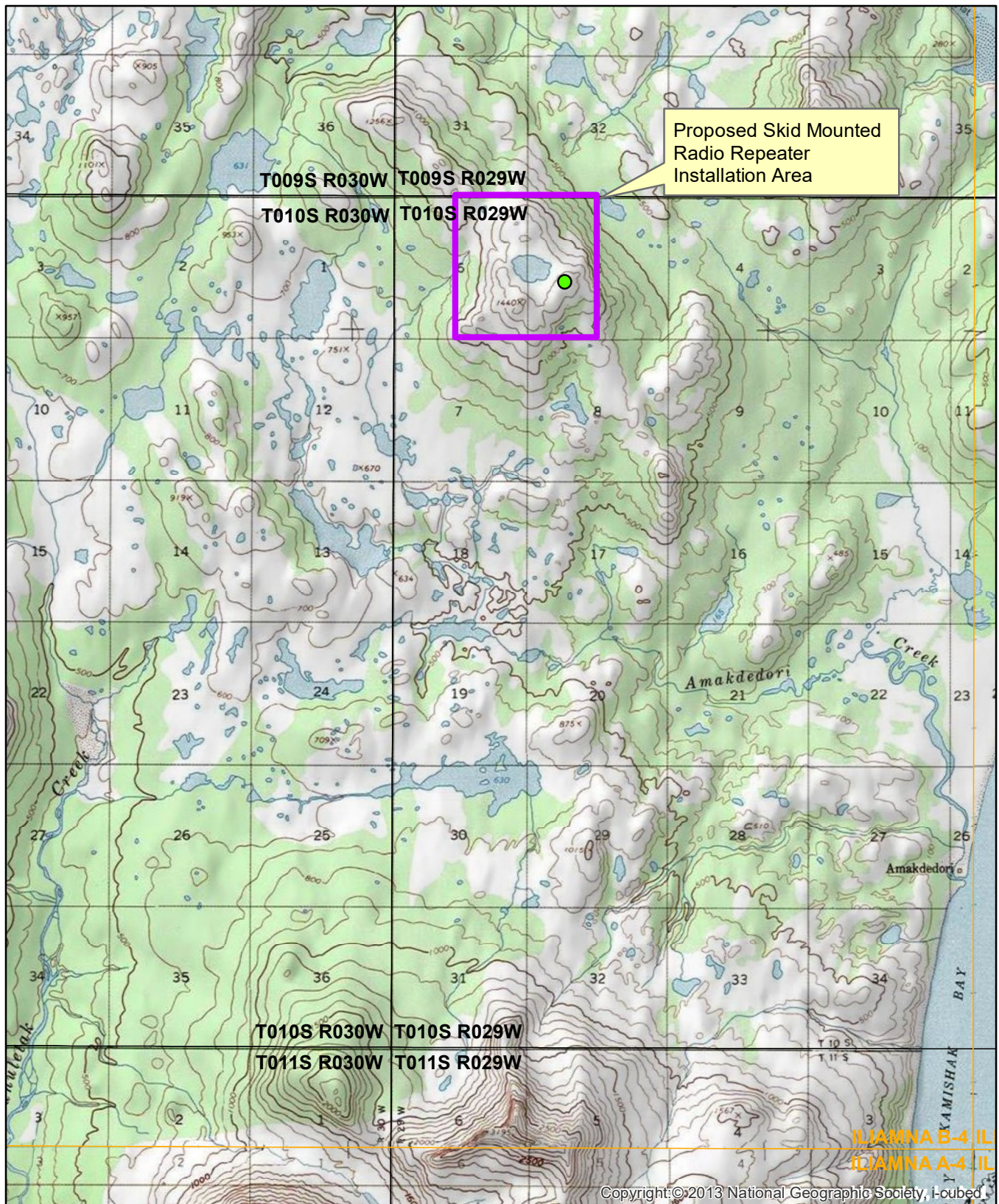
___ **Other Recreation: (Type and general geographic description.)** _____

- Is all or a portion of any of the above identified areas located within the Bering Straits CRSA? Yes _____ No _____

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

___ **Other Recreation: (Type and general geographic description.)** _____

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



- Proposed Skid Mounted Radio Repeater Installation Area
- Existing Radio Repeater Station (LAS 29112)

PROPOSED SKID MOUNTED RADIO REPEATER LOCATION

File: PLP003

Date: 3/9/2018

Revision:

Author: EF/OR

TYPICAL SKID MOUNTED RADIO REPEATER INSTALLATION

