



**SPECIAL LAND USE PERMIT
AS 38.05.850
11 AAC 96; 11 AAC 58.210**

PERMIT # ADL 420615

University of Alaska, herein known as the Permittee, is issued this permit authorizing the use of state land within:

Legal Description:

- DSS1– 0.25 acres of State land within section 26, Township 9 N, Range 14 E, Umiat Meridian. (70.099117°N, 148.508917°W)
- DSS2 – 0.25 acres of State land within section 23, Township 3 N, Range 14 E, Umiat Meridian. (69.595800°N, 148.626000°W)
- DSS3 – 0.25 acres of State land within section 30, Township 3 S, Range 14 E, Umiat Meridian. (69.150650°N, 148.823233°W)
- DSS4 – 0.25 acres of State land within section 32, Township 5 S, Range 14 E, Umiat Meridian. (68.958350°N, 148.859967°W)
- ASAG-1 – 0.25 acres of State land within section 34, Township 1 S, Range 14 E, Umiat Meridian. (69.315828°N, 148.715858°W)
- DSR1 – 0.25 acres of State land within section 6, Township 1 S, Range 14 E, Umiat Meridian. (68.944806°N, 148.882139°W)
- DSR2 – 0.25 acres of State land within section 21, Township 1 N, Range 14 E, Umiat Meridian. (69.423769°N, 148.692394°W)
- FB – 0.25 acres of State land within section 12, Township 6 N, Range 13 E, Umiat Meridian. (69.892104°N, 148.768096°W)

This permit is issued for the purpose of authorizing the following:

meteorological stations, hydrological stations, and radio communications repeater sites and off-road travel to access the sites.

This permit is effective beginning **June 20, 2016** and ending **June 19, 2026** unless sooner terminated at the state's discretion. This permit does not convey an interest in state land and as such is revocable immediately, with or without cause. No preference right for use or conveyance of the land is granted or implied by this authorization.

All activities shall be conducted in accordance with the following **Stipulations**:

Stipulations

1. **Authorized Officer.** The Authorized Officer for the Department of Natural Resources is the Regional Land Manager. The Authorized Officer may be contacted at 3700 Airport Way, Fairbanks, Alaska 99709 or (907) 451-2740. The Authorized Officer reserves the right to modify these stipulations or use additional stipulations as deemed necessary.
2. **Compliance with Governmental Requirements; Recovery of Costs.** Permittee shall, at its expense, comply with all applicable laws, regulations, rules and orders, and the requirements and stipulations included in this authorization. Permittee shall ensure compliance by its employees, agents, contractors, subcontractors, licensees, or invitees.
3. **Indemnification.** In lieu of indemnification, the permittee shall be responsible for any claim or demand for loss or damage, including property damage, personal injury, wrongful death, and wage or employment claims, arising out of or in connection with the use or occupancy of the permit site.
4. **Other Authorizations.** The issuance of this authorization does not alleviate the necessity of the Permittee to obtain authorizations required by other agencies for this activity.
5. **Valid Existing Rights.** This authorization is subject to all valid existing rights in and to the land under this authorization. The State of Alaska makes no representations or warranties whatsoever, either expressed or implied, as to the existence, number, or nature of such valid existing rights.
6. **Reservation of Rights.** The Division reserves the right to grant additional authorizations to third parties for compatible uses on or adjacent to the land under this authorization.
7. **Public Access.** All operations must be conducted in a manner that will ensure minimum conflict with other users of the area. There shall be no interference with free public use of state lands and waters.
8. **Public Trust Doctrine.** The Public Trust Doctrine guarantees public access to, and the public right to use, navigable and public waters and the land beneath them for navigation, commerce, fishing, and other purposes. This authorization is issued subject to the principles of the Public Trust Doctrine regarding navigable or public waters. The Division of Mining, Land and Water reserves the right to grant other interests consistent with the Public Trust Doctrine.
9. **Alaska Historic Preservation Act.** The Permittee shall consult the Alaska Heritage Resources Survey (907) 269-8721 so that known historic, archaeological and paleontological sites may be avoided.

The Alaska Historic Preservation Act (AS 41.35.200) prohibits the appropriation, excavation, removal, injury, or destruction of any state-owned historic, prehistoric (paleontological) or archaeological site without a permit from the commissioner. Should any sites be discovered during the course of field operations, activities that may damage the site will cease and the Office of History and Archaeology in the Division of Parks and Outdoor Recreation (907) 269-8721 and shall be notified immediately.

10. Inspection.

- a. Authorized representatives of the State of Alaska shall have reasonable access to the subject parcel for purposes of inspection.
- b. The permittee may be charged fees under 11 AAC 05.010(a)(7)(M) for routine inspections of the subject parcel, inspections concerning non-compliance, and a final close-out inspection.

- 11. Assignment.** This permit may be transferred or assigned with prior written approval from the Authorized Officer.
- 12. Violations.** This authorization is revocable immediately upon violation of any of its terms, conditions, stipulations, nonpayment of fees, or upon failure to comply with any other applicable laws, statutes and regulations (federal and state). Should any unlawful discharge, leakage, spillage, emission, or pollution of any type occur due to permittee's, or its employees', agents', contractors', subcontractors', licensees', or invitees' act or omission, permittee, at its expense shall be obligated to clean the area to the reasonable satisfaction of the State of Alaska.
- 13. Tundra Damage Reports.** Incidents of damage to the vegetative may and follow-up corrective actions that have occurred while operating under this authorization shall be reported to the Authorized Officer within 72 hours of occurrence.
- 14. Completion Report.** A completion report shall be submitted to the Authorized Officer by June 30 each year. This report shall contain the following information:
- Actual routes of travel and location of all camps depicted on a map;
 - Geographic data of the new location(s) that may be used in a mapping program. Acceptable formats include .shp, .gdb, .kml and .gpx.
 - A list of vehicles used for any off-road travel which may have taken place;
 - A statement of cleanup activities and methods of debris disposal; and
 - A report covering any known incidents of damage to the tundra or existing vegetation cover and follow-up corrective actions that may have taken place while operating under this authorization.
- 15. Termination.** This permit does not convey an interest in state land and as such is revocable, with or without cause and is revocable at will if the department determines that the revocation is in the state's interest. The permit remains in effect for the term issued, unless revoked sooner. The department will give 30 days' notice before revoking a permit at will. A revocation for cause is effective immediately.
- 16. Debris and cleanliness.** Trails, campsites, and work areas must be kept clean. All solid waste including incinerator residue shall be backhauled to a solid waste disposal site approved by DEC. Trash, survey lath, roadway markers, and other debris that has accumulated along roads or cross country routes shall be picked up and properly disposed of prior to freeze-up the following winter.
- 17. Fuel and hazardous substances.** Secondary containment¹ shall be provided for fuel or hazardous substances².
- Container³ marking.** All independent fuel and hazardous substance containers shall be marked with the contents and the permittee's or contractor's name using paint or a permanent label. (Note: The permittee is ultimately responsible for contractor's compliance with these stipulations.)

¹ Secondary containment means an impermeable diked area or portable impermeable containment structure capable of containing 110 percent of the volume of the largest independent container. Double-walled tanks do not qualify as secondary containment unless an exception is granted for a particular tank.

² Hazardous substances are defined under AS 46.03.826 as (a) an element or compound which, when it enters the atmosphere, water, or land, presents an imminent and substantial danger to the public health or welfare, including fish, animals, or vegetation; (b) oil; or (c) a substance defined as a hazardous substance under 42 U.S.C. 9601(14).

³ Containers means any item which is used to hold fuel or hazardous substances. This includes tanks, drums, double-walled tanks, portable testing facilities, fuel tanks on small equipment such as light plants and generators, flow test holding tanks, slop oil tanks, bladders, and bags. Manifolder tanks must be considered as single independent containers. Vehicles, including mobile seismic tanks, are not intended to be included under this definition.

- b. **Fuel or hazardous substance transfers.** Secondary containment or a surface liner⁴ must be placed under all container or vehicle fuel tank inlet and outlet points, hose connections, and hose ends during fuel or hazardous substance transfers. Appropriate spill response equipment must be on hand during any transfer or handling of fuel or hazardous substances to respond to a spill of up to five gallons. Transfer operations shall be attended by trained personnel at all times.
- c. **Vehicle refueling.** *Where practicable*, vehicle refueling shall not occur within the annual floodplain or tidelands.
- d. **Storing containers within 100 feet of waterbodies.** Containers with a total capacity larger than 55 gallons which contain fuel or hazardous substances shall not be stored within 100 feet of a waterbody.
- e. **Exceptions.** The review coordinating agency, after consultation with other resource agencies and affected coastal districts, may under unique or special circumstances grant exceptions to this stipulation on a case-by-case basis. Requests for exceptions should be made to the review coordinating agency.

18. Notification. The permittee shall immediately notify DNR and DEC (18 AAC 75.300) by phone, fax, and/or email of any unauthorized discharge of oil to water, any discharge of hazardous substance (other than oil), and any discharge of oil greater than 55 gallons to land. Any unauthorized discharge of oil to land greater than 10 gallons but less than 55 gallons must be reported to DEC within 48 hours. Oil discharges to land less than 10 gallons and greater than 1 gallon must be recorded and submitted to DEC in a monthly report. All fire and explosions must also be reported.

The DNR should be notified by email at dnr.nro.spill@alaska.gov and by calling the 24 hour spill report number at (907)451-2678. The DEC spill number during normal business hours is (907)451-2121, outside of normal business hours contact 1(800)478-9300; the Fax number is (907)451-2362. DNR and DEC shall be supplied with all follow-up incident reports.

19. Rehabilitation. All rehabilitation shall be completed to the satisfaction of DNR or the applicable land manager.

20. Holes and Excavations. All holes shall be backfilled with sand, gravel, native materials, or a substitute approved by the Authorized Officer.

21. Use of existing roads and trails. Existing roads and trails shall be used wherever possible. Trail width shall be kept to the minimum necessary. Trail surface may be cleared of timber, brush, stumps, and snags.

22. Winter Off-Road Travel. The site shall be protected from leaking or dripping hazardous substances or fuel from equipment and vehicles. The Permittee shall place drip pans or other surface liners designed to catch and hold fluids under the equipment or develop an area for storage using an impermeable liner or other suitable containment mechanism.

23. Equipment operation. Equipment, other than vessels, must not enter the open water areas of a watercourse during winter. Filling of low spots and smoothing by the use of snow and ice is allowed. Ice or snow bridges and approach ramps constructed at stream, river, or slough crossings shall not contain extraneous material (i.e., soil, rock, brush or vegetation).

24. Storage of Equipment. The site shall be protected from leaking or dripping hazardous substances or fuel from equipment and vehicles. The Permittee shall place drip pans or other surface liners designed to catch and hold fluids under the equipment or develop an area for storage using an

⁴ Surface liner means any safe, non-permeable container (e.g., drips pans, fold-a-tanks, etc) designed to catch and hold fluids for the purpose of preventing spills. Surface liners should be of adequate size and volume to contain the worst-case spill that is likely to occur.

impermeable liner or other suitable containment mechanism.

25. Prohibited activities. Vehicle maintenance, campsites and storage or stockpiling of material on the surface ice of lakes, ponds or rivers is prohibited.

26. Crossing the Trans-Alaska Pipeline Corridor or other Pipeline Right-of-ways. Operations within or crossing the Trans-Alaska Pipeline corridor or other pipeline right-of-ways will require prior coordination with the right-of-way lessee. Contact information for right-of-way lessees may be obtained from the State Pipeline Coordinator's Section, DNR ((907) 257-1333).


27. Bear Avoidance. Operations must avoid grizzly bear dens by one-half mile unless alternative mitigative measures to minimize disturbance are authorized by DNR after consultation with DFG. Known bear den locations shall be obtained from the (DFG) Division of Wildlife Conservation (Fairbanks (907) 459-7283 or (907) 459-7242) prior to starting operations. Occupied dens encountered in the field must be reported to the above, and avoided.

Operations must avoid known polar bear dens by one mile. Known den locations shall be obtained from the U.S. Geological Survey ((907) 786-7093 or (800) 362-5148) prior to starting operations. New dens encountered in the field must be reported to the above, and subsequently avoided by one mile.

28. Publications and Reports. Since the research conducted may benefit DNR's mission to develop, conserve, and maximize the use of Alaska's natural resources consistent with the public interest, DNR requests that a list of published articles and reports from the research conducted is submitted at the conclusion of the project study. If results of the research are not published, a summary of results and a list of the data sets produced is requested to be submitted to DNR.

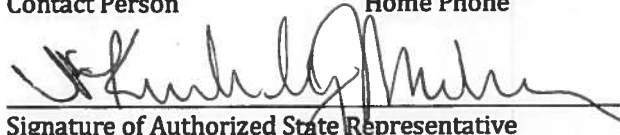
The Authorized Officer reserves the right to modify these stipulations or use additional stipulations as deemed necessary. The permittee will be advised before any such modifications or additions are finalized. DNR has the authority to implement and enforce these conditions under AS 38.05.850. Any correspondence on this permit may be directed to the Department of Natural Resources, Division of Mining, Land and Water, Northern Regional Land Office, 3700 Airport Way, Fairbanks, AK 99709, (907) 451-2740.

I have read and understand all of the foregoing and attached stipulations. By signing this permit, I agree to conduct the authorized activity in accordance with the terms and conditions of this permit.

 Michelle Rizk, Chief Strategy, Planning & Budget Officer 6/30/16
Signature of Permittee or Authorized Representative Title Date

P.O. Box 755280 Fairbanks Alaska 99775-5280
Permittee's Address City State Zip

Dian Siegfried 907-450-8133 dcsiegfried@alaska.edu
Contact Person Home Phone Work Phone

 NRST III 7/19/16
Signature of Authorized State Representative Title Date



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Natural Resources

DIVISION OF MINING, LAND & WATER
Northern Regional Land Office

3700 Airport Way
Fairbanks, Alaska 99709-4699
Main: 907.451.2740
TTY: 711 or 800-770-8973
Fax: 907.451.2751

May 19, 2021

Dian Siegfried
University of Alaska
PO Box 755280
Fairbanks, AK 99725

RE: Amendment to Special Land Use Permit ADL 420615

Ms. Siegfried,

The Land Section of the Division of Mining, Land and Water (DMLW) has reviewed the request for amendment of the University of Alaska (UA) Special Land Use Permit ADL 420615 for meteorological stations, hydrological stations, and radio communications repeater sites on state land and off-road travel to access the sites. On May 18, 2021 UA requested the following amendments to ADL 420615:

Authorization to stage a helicopter at Franklin Bluffs pad for extended periods during the field season. The staging area will include a small supply of fuel in 5-gallon jugs with secondary containment. This authorization serves as a contingency plan for helicopter access during periods of foggy weather when the helicopter is not able to fly to and from Deadhorse.

Due to time constraints this amendment will be sent out for agency review and public notice after issuance.

DMLW has no objections to the modification and hereby amends Special Land Use Permit ADL 420615 to authorize the additional five research sites and travel across state land to access them. UA is required to coordinate with this office each year at least 60 days in advance of the season to identify the best location for that season; additional coordination with other authorization holders may be required. All other terms and conditions of the permit remain unchanged.

Sincerely,


Dianna Leinberger
Natural Resource Manager II

A person affected by this decision may appeal it in accordance with 11 AAC 02. Any appeal must be received within 20 calendar days after the date of “issuance” of this decision, as defined in 11 AAC 02.040(c) and (d) and may be mailed or delivered to the Commissioner, Department of Natural Resources, 550 W. 7th Avenue, Suite 1400, Anchorage, Alaska 99501; faxed to (907) 269-8918, or sent by e-mail to dnr.appeals@alaska.gov. Under 11 AAC 02.030, appeals and requests for reconsideration filed under 11 AAC 02 must be accompanied by the fee established in 11 AAC 05.160(d)(1)(F), which has been set at \$200 under the provisions of 11 AAC 05.160 (a) and (b).

This decision takes effect immediately. If no appeal is filed by the appeal deadline, this decision becomes a final administrative order and decision of the department on the 31st calendar day after issuance. An eligible person must first appeal this decision in accordance with 11 AAC 02 before appealing this decision to the Superior Court. A copy of 11 AAC 02 may be obtained from any regional information office of the Department of Natural Resources.

If you have any questions or require assistance, please contact me at the above address, at (907) 451-2732 or by e-mail at becky.baird@alaska.gov.



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Natural Resources

DIVISION OF MINING, LAND & WATER
Northern Regional Land Office

3700 Airport Way
Fairbanks, Alaska 99709-4699
Main: 907.451.2740
TDD: 907.451.2770
Fax: 907.451.2751

September 13, 2018

Dian Siegfried
University of Alaska
P.O. Box 755280
Fairbanks, AK 99775-813-5280

Sent via email

RE: Amendment to Special Land Use Permit ADL 420615

Ms. Siegfried,

The Land Section of the Division of Mining, Land and Water (DMLW) has reviewed the request for amendment of the University of Alaska (UA) Special Land Use Permit ADL 420615 for meteorological stations, hydrological stations, and radio communications repeater sites on state land and off-road travel to access the sites. On August 13, 2018, UA requested the following amendments to ADL 420615:

1. To move the following long-term repeater sites from the hydro-meteorology network previous authorized under LAS 25703 (which expired in 2011) to ADL 420615.
 - DFR4 Imnavait Repeater
 - DFR2 Slope Mountain Repeater
2. To move the following meteorological sites previous authorized under LAS 27061 (which expired in 2013) to ADL 420615. These sites will be either removed in the future or transferred to a new owner.
 - L9312
 - 2MPad Met
 - KDA
 - CD3
 - Milne Point F Pad Main
 - Milne Point F Pad Tundra
 - Duck Island
 - Badami
 - Cottle Island
3. To add the following meteorological sites previous unauthorized to ADL 420615. This site will be either removed in the future or transferred to a new owner.
 - 2LPad Met

Locations of sites being added to ADL 420615

Name	Lat	Long	PLSS
DFR4, Imnavait Repeater	68.763	149.411	UM, 8N, 11 E, Section 12
DFR2, Slope Mountain Repeater	68 44.5	149 4.017	UM, 8N, 13E, Section 21
L9312	70 19.98	150 56.18	UM, 11N, 5E, Section 5
2M Pad	70 16.37	150 6.26	UM, 11N, 8E, Section 8
Mine Site B	70 19.11	149 23.90	UM, 11N, 11E, Section 8
KDA	70 19.97	148 55.97	UM, 11N, 13E, Section 6
CD3	70 25.030	150 53.731	UM, 12N, 5E, Section 4
Milne Point F-Pad (Main)	70 30.402	149 39.725	UM, 13N, 10E, Section 6
Milne Point F-Pad (Tundra)	70 30.412	149 39.401	UM, 13N, 10E, Section 6
Duck Island	70 16.201	147 59.262	UM, 11N, 16E, Section 35
Badami	70 08.171	147 00.522	UM, 9N, 20E, Section 15
Cottle Island	70 29.920	149 05.571	UM, 13N, 12E, Section 8
2L Pad	70 11.451	150 19.232	UM, 10N, 7E, Section 27

The purpose of transferring these sites to ADL 420615 is to provide a current authorization to the WERC sites still present in the tundra so that the expired permits (specifically LASs 25703 and 27061) can be closed. Many of these sites have not been used in a number of year and may be either be removed or transferred to new owners in the future. Since all but one of the sites had been previously authorized and the unauthorized site has been in the tundra since 2009, an agency review and public notice were not conducted.

DMLW has no objections and hereby amend Special Land Use Permit ADL 420615 to authorize the additional thirteen research sites and travel across state land to access them. All other terms and conditions of the permit remain unchanged.

A person affected by this decision may appeal it in accordance with 11 AAC 02. Any appeal must be received within 20 calendar days after the date of “issuance” of this decision, as defined in 11 AAC 02.040(c) and (d) and may be mailed or delivered to the Commissioner, Department of Natural Resources, 550 W. 7th Avenue, Suite 1400, Anchorage, Alaska 99501; faxed to 1-907-269-8918, or sent by e-mail to dnr.appeals@alaska.gov. This decision takes effect immediately. If no appeal is filed by the appeal deadline, this decision becomes a final administrative order and decision of the department on the 31st calendar day after issuance. An eligible person must first appeal this decision in accordance with 11 AAC 02 before appealing this decision to the Superior Court. A copy of 11 AAC 02 may be obtained from any regional information office of the Department of Natural Resources.

If you have any questions or require assistance, please contact me at the above address, at (907) 451-2737 or by e-mail at kimberley.maher@alaska.gov.

Sincerely,

A handwritten signature in cursive script that reads "Kimberley Maher".

Kimberley Maher
Natural Resource Specialist III



February 2, 2017

Dian Siegfried
University of Alaska
P.O. Box 755280
Fairbanks, AK 99775-813-5280

Sent via email

RE: Amendment to Special Land Use Permit ADL 420615

Ms. Siegfried,

The Land Section of the Division of Mining, Land and Water (DMLW) has reviewed the request for amendment of the University of Alaska (UA) Special Land Use Permit ADL 420615 for meteorological stations, hydrological stations, and radio communications repeater sites on state land and off-road travel to access the sites. On October 5, 2016, UA requested the following amendments to ADL 420615:

1. To add 2 new research sites:

Location Name		WGS84		Area of land to be covered in permit	Legal Description			
Station ID	Station Name	Latitude	Longitude		M	T	R	Section
DSM1	Echooka Met	69.370889	-147.854628	.25 acre	Umiat	1S	18E	8
DBM4	Sag Ivishak Met	69.21558	-148.551973	.25 acre	Umiat	3S	15E	5

Instrumentation at DSM1 and DBM4:

3 m tripod w/ radio and datalogger, 2-3 100 amp-hr nonspillable batteries in pelican case w/ solar panel, meteorological instruments

Activities to be conducted at DSM1 and DBM4:

Long term (10+ years) climate/meteorological station, 2-3 site visits per year

2. To amend the location of previously authorized research site:

Station ID	ASAG1 (ASS1)	WGS84		Area of land to be covered in permit	Legal Description			
Station Name	(Sag R near MP 347 Alyeska)	Latitude	Longitude		M	T	R	Section
	Previously authorized	69.315828	-148.715858	.25 acre	Umiat	1S	14E	34
	Proposed location	69.2829	-148.7359	.25 acre	Umiat	2S	14E	10

Instrumentation at ASAG1 (ASS1):

3 m tripod on shore, datalogger, radio, pressure transducers in river, turbidimeter in river, water sampler above cutbank w/ sample tubing into river, 1-2 solar panels, 3 100 amp-hr batteries in pelican case, 1 35 amp-hr battery, possible bear electric fence powered w/ solar panel

Activities to be conducted at ASAG1 (ASS1):

Measure streamflow, river stage, sediment transport and bathymetry. 3-4 site visits per year

An agency review was conducted November 10 - 28, 2016. Agencies contacted for comment included: DMLW Water Resources Section, DNR Division of Oil and Gas (DOG), DNR Office of Project Management and Permitting, DNR State Historic Preservation Office (SHPO), DNR State Pipeline Coordinator's Section (SPCS), Department of Environmental Conservation (DEC), Department of Fish and Game (ADF&G), US Army Corp of Engineers, and US Fish and Wildlife Service (USFWS). The North Slope Borough and BP Exploration (Alaska), Inc. were also sent notice of the proposed actions.

ADF&G responded to the agency review with no objections to the amendment as proposed.

SPCS responded to the agency review and noted the following comments:

One of the locations may enter or cross the following AS 38.35 pipeline right-of-way:

- ADL 410562, Endicott Pipeline ROW Lease

The SPCS requests that the University of Alaska communicate and coordinate their activities with the AS 38.35 lessee listed below prior to and during activities under this Special Land Use Permit, ADL 420615.

The AS 38.35 pipeline lessee may be contacted at:

Michelle Brown, Regulatory Compliance Specialist
Endicott Pipeline Company,
c/o Harvest Alaska, LLC
3800 Centerpoint Drive, Suite 1400
Anchorage, Alaska 99503
907-777-8300
mibrown@hilcorp.com

DMLW has no objections to the first modification and hereby amend Special Land Use Permit ADL 420615 to authorize the additional five research sites and travel across state land to access them. All other terms and conditions of the permit remain unchanged.

A person affected by this decision may appeal it in accordance with 11 AAC 02. Any appeal must be received within 20 calendar days after the date of "issuance" of this decision, as defined in 11 AAC 02.040(c) and (d) and may be mailed or delivered to the Commissioner, Department of Natural Resources, 550 W. 7th Avenue, Suite 1400, Anchorage, Alaska 99501; faxed to 1-907-269-8918, or sent by e-mail to dnr.appeals@alaska.gov. This decision takes effect immediately. If no appeal is filed by the appeal deadline, this decision becomes a final administrative order and decision of the department on the 31st calendar day after issuance. An eligible person must first appeal this decision in accordance with 11 AAC 02 before appealing this decision to the Superior Court. A copy of 11 AAC 02 may be obtained from any regional information office of the Department of Natural Resources.

If you have any questions or require assistance, please contact me at the above address, at (907) 451-2737 or by e-mail at kimberley.maher@alaska.gov.

Sincerely,



Kimberley Maher
Natural Resource Specialist III



November 2, 2016

Dian Siegfried
University of Alaska
P.O. Box 755280
Fairbanks, AK 99775-813-5280

Sent via email

RE: Amendment to Special Land Use Permit ADL 420615

Ms. Siegfried,

The Land Section of the Division of Mining, Land and Water (DMLW) has reviewed the request for amendment of the University of Alaska (UA) Special Land Use Permit ADL 420615 for meteorological stations, hydrological stations, and radio communications repeater sites on state land and off-road travel to access the sites. On August 8, 2016, UA requested the following amendments to ADL 420615:

To add 5 new research sites:

Location Name		WGS84		Area of land to be covered in permit	Legal Description			
Station ID	Station Name	Latitude	Longitude		M	T	R	Section
ASM3	FH2 / Ivishak R Meteorological Station	69.133822	-147.92338	.25 acre	Umiat	3S	17E	36
DSS5	Sag R East Bank Station near Franklin Bluffs	69.946228	-148.672587	.25 acre	Umiat	7N	14E	21
DSR1	FB-Sag Repeater	69.943973	-148.668373	.25 acre	Umiat	7N	14E	21
BSS1	Arco Bridge BP Sag River Station	70.24905	-148.302883	less than .25 acre	Umiat	10N	15E	3
ASR1	ASR1 Repeater	69.087056	-148.46965	.25 acre	Umiat	4s	15e	22

With the following instrumentation and activities:

Station ID	Instrumentation	Activities Conducted at Site
ASM3	3 m tripod on shore, datalogger, radio, pressure transducers in river, turbidimeter in river, water sampler above cutbank w/ sample tubing into river, 1-2 solar panels, 3 100 amp-hr batteries in pelican case, 1 35 amp-hr battery, possible bear electric fence powered w/ solar	Long term (10+ years) climate/meteorological station, 2-3 site visits per year

	panel	
DSS5	3 m tripod on shore, datalogger, radio, pressure transducers in river, turbidimeter in river, water sampler above cutbank w/ sample tubing into river, 1-2 solar panels, 3 100 amp-hr batteries in pelican case, 1 35 amp-hr battery, possible bear electric fence powered w/ solar panel	Measure streamflow, river stage, sediment transport and bathymetry. 3-4 site visits per year
DSR1	3 m tripod w/ radio and datalogger, 2-3 100 amp-hr nonspillable batteries in pelican case w/ solar panel	Acts as a repeater for radio communications. One site visit or less per year
BSS1	3 m tripod w/ radio and datalogger, 2-3 100 amp-hr nonspillable batteries in pelican case w/ solar panel	Long term (10+ years) station, 2-3 site visits per year
ASR1	3 m tripod w/ radio and datalogger, 2-3 100 amp-hr nonspillable batteries in pelican case w/ solar panel	Acts as a repeater for radio communications. One site visit or less per year

An agency review was conducted September 29- October 13, 2016. Agencies contacted for comment included: DMLW Water Resources Section, DNR Division of Oil and Gas (DOG), DNR Office of Project Management and Permitting, DNR State Historic Preservation Office (SHPO), DNR State Pipeline Coordinator's Section (SPCS), Department of Environmental Conservation (DEC), Department of Fish and Game (ADF&G), US Army Corp of Engineers, and US Fish and Wildlife Service (USFWS). The North Slope Borough and BP Exploration (Alaska), Inc. were also sent notice of the proposed actions.

ADF&G responded to the agency review and noted the following comments:

Site DSS5 would have instrumentation in the Sagavanirktok River. The Sagavanirktok River is catalogued by ADF&G as important habitat for the spawning, rearing, or migration of anadromous fish species (AWC 330-00-10360). Any activities below the ordinary high water mark of the Sagavanirktok River that could affect the spawning, rearing, or migration of anadromous fishes, or potentially provide blockages to the efficient passage of resident fish species, are regulated by state law and may require a Fish Habitat Permit from ADF&G- Division of Habitat. **The applicant should contact the Fairbanks Habitat Division office at (907) 459-7289 to ensure that they've received the proper permits.**

The applicant proposes to access the sites between April and September and would use helicopters to access sites located off the road system. The proposed sites are located in Game Management Unit 26B. Hunters may be present at any time between April and September. Additionally, caribou may be migrating in the vicinity of the proposed sites in the spring and fall. **ADF&G recommends that helicopters avoid flying at low altitudes in order to avoid disturbing hunters and that they maintain a minimum distance of 1,500 meters from any visible wildlife in order to avoid disturbing or harassing wildlife.**

DMLW has no objections to the first modification and hereby amend Special Land Use Permit ADL 420615 to authorize the additional five research sites and travel across state land to access them. All other terms and conditions of the permit remain unchanged.

A person affected by this decision may appeal it in accordance with 11 AAC 02. Any appeal must be received within 20 calendar days after the date of "issuance" of this decision, as defined in 11 AAC 02.040(c) and (d) and may be mailed or delivered to the Commissioner, Department of Natural Resources, 550 W. 7th Avenue, Suite 1400, Anchorage, Alaska 99501; faxed to 1-907-269-8918, or sent by e-mail to dnr.appeals@alaska.gov. This decision takes effect immediately. If no appeal is filed by the appeal deadline, this decision becomes a final administrative order and decision of the department on the 31st calendar day after issuance. An eligible person must first appeal this decision in accordance with 11 AAC 02 before appealing this decision to the Superior Court. A copy of 11 AAC 02 may be obtained from any regional information office of the Department of Natural Resources.

If you have any questions or require assistance, please contact me at the above address, at (907) 451-2737 or by e-mail at kimberley.maher@alaska.gov.

Sincerely,

A handwritten signature in cursive script that reads "Kimberley Maher".

Kimberley Maher
Natural Resource Specialist III