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 must also complete the Supplemental Questionnaire for Use of State-Owned Uplands accompanying this application;
- off-road travel must also complete the Supplemental Questionnaire for Off-Road Travel accompanying this application; and/or
- the use of shorelands, tidelands, and submerged lands must also complete the Supplemental Questionnaire for Use of State-Owned Waters accompanying this application.

Other items that must accompany the completed application are:

- a (non-refundable) application fee; see current Director's Fee Order or contact your regional office for applicable fees;
- a topographic map or aerial photo 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 submitted electronically or mailed to one of the following offices:

Northern Region Land Office
3700 Airport Way
Fairbanks, AK 99709-4699
(907) 451-2740
nro.lands@alaska.gov

Southcentral Region Land Office
550 West 7th Ave, Suite 900C
Anchorage, AK 99501-3577
(907) 269-8503
dnr.scro.permitting@alaska.gov

Southeast Region Land Office
P. O. Box 111020
Juneau, AK 99811-1020
(907) 465-3400
sero@alaska.gov

Statewide TTY – 771 for Alaska Relay or 1-800-770-8973

LAS # *35511*
(Applicant please provide if known)

Applicant Information:

Name: Andrew Toman
Doing Business As: WSP USA Inc.
Mailing Address: 1400 W Benson Blvd
Suite 420
Anchorage, Alaska 99503

Email Address: andrew.toman@wsp.com

Date of Birth: [redacted]
Business License #: 1113511
EIN: 91-0852417
Contact Person: Andrew Toman
Home Phone:
Work Phone: +1 206-316-5622
Cell Phone: [redacted]
Fax:

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

Name, address and place of incorporation:

WSP USA, Inc.
1400 West Benson Blvd., Suite 420
Anchorage, Alaska
99503

Is the corporation qualified to do business in Alaska? Yes ☒ No ☐

If yes, provide name, address and phone number of the resident agent:

WSP USA
1400 West Benson Blvd., Suite 420
Anchorage, Alaska
99503
+1 206 316 5622

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:** May 2025 **Ending month:** September 2025

☐ A multi year term for up to 5 years. **Beginning year:** _____ **Ending year:** _____

If multi year and seasonal, mark months of use in each year.

☐ Jan, ☐ Feb, ☐ Mar, ☐ Apr, ☐ May, ☐ Jun, ☐ Jul, ☐ Aug, ☐ Sept, ☐ Oct, ☐ Nov, ☐ Dec

---

Project Location:

Latitude/Longitude or UTM: (59.943875°, -164.043894°) or

Section: 34 **Township:** 2S **Range:** 86W **Meridian:** Seward

Section: _____ **Township:** _____ **Range:** _____ **Meridian:** _____

Proposed project will require the use of up to _____ acres.

(Please add additional sheets for this section 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 waterbodies of the state.) Discuss development and activities. (Attach additional pages as necessary.)

Riverine monitoring stations will be placed in the Kuguklik River at four locations (coordinates below) to help characterize the tidewater flow and distribution in the river adjacent to Kipnuk, Alaska. WSP was contracted by Alaska Native Tribal Health Consortium (ANTHC) to complete this work in support of Kipnuk's First Service drinking water project. The four monitoring stations will be left in the river for the entire non-ice season of 2025 from roughly May to September. Stations will be moored with opposing fluke anchors and chains. The monitoring equipment will consist of steel cables with multiparameter sondes affixed at three different depths. There will be two buoys per station, one which will remain submerged to keep the underwater cable in tension and one on the river surface, designed for visibility. See attached figures for a detailed illustration of monitoring station configuration. Activities in the area include the setup and placement of the stations in May 2025 (estimate), then a check-in of the stations mid-summer, and finally decommissioning/retrieval of the station hardware in September 2025 (estimate).

Community Station #1: (59.943875°, -164.043894°)
Bend 1 Station #2: (59.954814°, -164.020031°)
Bend 2 Station #3: (59.957500°, -163.980833°)
Bend 3 Station #4: (59.942553°, -163.929914°)

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.)

The site is a tidally influenced river adjacent to Kipnuk, Alaska. At the time of field reconnaisance in Fall 2024, there was no notable trash, garbage, debris, or any visible site contamination.

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.)

No existing improvements in the river in the vicinity of the monitoring station deployment locations.

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.

Project deployment sites are located in the Kuguklik River, entirely in the waterway, beneath the OHWM. The upland area surrounding the site is comprised of muskeg with degrading permafrost and many small muskeg ponds. There are no trees in the project area. There will be no use of upland facilities.

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

Field staff will mobilize to Kipnuk on commercial airlines (Alaska Airlines & Grant Aviation). Once in Kipnuk, the site will be accessed via community owned boat with an outboard motor.

If your access is by aircraft, specify the type and size of aircraft:
N/A

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. 3
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. 120

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 boat which will be used for access to the site is gasoline powered and has an onboard external fuel tank. The monitoring stations will have no hazardous materials.

The types and volumes of fuel or other hazardous substances present or proposed:

The proposed outboard motor on the boat is expected to use E87 gasoline and have a tank size of roughly 20 gallons.

The specific storage location(s):

Gasoline for the boat is expected to be sourced from Kipnuk and stored/fueled in the established fueling facilties there. Gasoline onboard will be stored within the fuel tank on board the boat.

The spill plan and prevention methods:

Hydrocarbon spill kits will be available on site for both vehicles. All members of the field campaign will be wary of spills and work will be stopped should a spill occur while remediation actions are performed.

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** ☐ .

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:

Signature of Applicant or Authorized Representative	Title	Date
Andrew Jonas	Senior Engineer	4/21/2025

This form must be filled out completely and submitted with the applicable fees. Failure to do so will result in a delay in processing your permit. 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 a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(8) and confidentiality is requested, AS 43.05.230, or AS 45.48). 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 are punishable under AS 11.56.210.

In submitting this form, the applicant certifies that he or she has not changed the original text of the form or any attached documents provided by the Division. In submitting this form, the applicant agrees with the Department to use "electronic" means to conduct "transactions" (as those terms are used in the Uniform Electronic Transactions Act, AS 09.80.010 – AS 09.80.195) that relate to this form and that the Department need not retain the original paper form of this record: the department may retain this record as an electronic record and destroy the original.

For Department Use Only
Application received date stamp

4/21/2025

Receipt Type: ☐ **7A** ☐ **RR** ☐ **FF**

LAS #: 35511

LAND USE PERMIT APPLICATION SUPPLEMENTAL QUESTIONNAIRE FOR:
Use of State-Owned Waters (Shorelands, Tidelands & Submerged Lands)

Shorelands are those below ordinary high water mark of non-tidally influenced navigable waterbodies. **Tidelands** are that portion of the intertidal zone below the elevation of mean high water. This elevation varies by location. Contact the nearest Department of Natural Resources (DNR) regional office for assistance. **Submerged lands** are those below the lowest tidal elevation. The State of Alaska, with few exceptions, owns these lands out to three miles offshore. If your activity includes the use of State shorelands, tidelands, or submerged lands and the waters above them, answer the questions within applicable sections below. All site development details identified in this section must be represented graphically in the scaled drawings on page 9 of the supplement.

Does the applicant own the directly adjacent, upland waterfront property? **Yes** ☐ **No** ☒

If no, give name(s) and current address/phone number of the property owner.

Uplands are owned by the Calista Corporation. 5015 Business Park Blvd Suite 3000, Anchorage, AK 99503. 907-275-2800

Give names and current addresses and/phone numbers for both upland property owners on either side of the above waterfront property.

Uplands are owned by the Calista Corporation. 5015 Business Park Blvd Suite 3000, Anchorage, AK 99503. 907-275-2800

Note: You must obtain the upland owner's written permission for any use of uplands you do not own including for waste disposal, access roads, waterlines, power lines, or shore ties above MHW, and you must provide a copy to DNR before a permit is issued. If not the immediately adjacent upland property owner, does the applicant have legal access across the uplands? **Yes** ☒ **No** ☐ Please explain.

Uplands are owned by the Calista Corporation. Access to the proposed facilities will be via boat.

Will your tideland use involve any use of adjacent State-owned uplands? **Yes** ☐ **No** ☒ (If Yes, indicate uses and show on your development plan diagram.) ☐ Shore tie ☐ Waterline ☐ Power line ☐ Access to roads ☐ Other – Explain.

Type of Use, Activity, Development (Answer All).

Will you be developing / using a Mooring Buoy or anchoring a commercial or industrial use vessel for more than 14 days?

Yes ☐ **No** ■ (If yes, please also answer all questions in **Part 1 on page 2 and Part 6 on pages 10, 11.**)

Will you be anchoring or mooring a commercial or industrial related floating facility that is or can be occupied, i.e. a float camp or floating lodge, a float house you rent, a seafood processor?

Yes ☐ **No** ■ (If yes, please also answer all questions in **Part 2, on page 3 and Part 6 on pages 10, 11**.)

Will you be anchoring or mooring your own personal use Float house?

Yes ☐ **No** ■ (If yes, please also answer all questions in **Part 2, on pages 3 and Part 6 on pages 10, 11**.)

Will you be placing non-occupied structures including but not limited to Piling, Dolphins, Fixed docks, Floating docks, or other floating structures?

Yes ■ **No** ☐ (If yes, please also answer all questions in **Part 3, on page 4 and Part 6 on pages 10, 11**.)

Are you seeking authorization to use or develop a Log Transfer Facility, a floating Log Storage area, or a Log Ship Loading site?

Yes ☐ **No** ■ (If yes, please also answer all questions in **Part 4, pages 5, 6, 7 and Part 6 on pages 10, 11**.)

Will you be placing fill or dredging material on a beach?

Yes ☐ **No** ■ (If yes, please also answer all questions in **Part 5, pages 8, 9 and Part 6 on pages 10, 11**.)

Part 1. Anchoring vessels and mooring buoy systems

Does the proposed use location include a known anchorage? **Yes** ☐ **No** ▣ If yes, have alternative locations been considered to reduce impact to the anchorage? **Yes** ☐ **No** ▣ If no, explain why.

N/A - no known anchorage in the vicinity of the project location.

What type of vessel will use the site? ☐ Commercial Fish Tender / Processor ☐ Log Ship ☐ General Cargo Ship

☐ Unoccupied Barge ☐ Fuel Barge ☐ Passenger Vessel ☐ Other: _____

Does the anchoring vessel require the ability to be able to occupy this site all year long? **Yes** ☐ **No** ☐

If no, what months will the site be used? **From** _____ **to** _____

What is the maximum swing radius of vessel at anchor? Length: _____ feet (distance from anchor to the aft of the vessel).

Will the vessel require the placement of a mooring buoy system? **Yes** ☐ **No** ☐ **Number of buoys:** _____

If placing buoys, fill out applicable parts of Part 3 to explain the anchoring system.

Part 2. Floathouses and Commercial, Industrial Floating Lodges, Float camps, Caretaker Residences (including seafood processors)

Description of Facility Note: The structures and dimensions must be shown on the development plan diagram.

Float Dimensions: float _____ x _____ float _____ x _____ float _____ x _____ Total float area _____ sq ft

Living quarters total area: _____ sq ft. Number of stories: _____. Maximum occupancy: _____ persons

Describe other structures on floats, such as storage and generator sheds; give structure dimensions.
N/A

Describe anchoring system and address all that apply: No. of anchors _____ Type _____ Weight _____

No. of Rock bolts: _____ No. of Shore ties: _____

Other methods:

Grounding is prohibited. What is the water depth beneath the facility at extreme low tide? _____

How many feet of maximum draft does the floating facility have? _____

Describe your potable Water Source: type, location, ownership of the source:

Wastewater System. Describe how you will handle human waste, black water, grey water:

Do you have an approved Alaska Department of Environmental Conservation marine sanitation system? **Yes** ☐ **No** ☐

Approval # _____

Describe how you will dispose of all solid waste including human waste and household garbage generated on facility:

Part 3. Non occupied structures - Piling, Dolphins, fixed docks, floating docks, or other floating structures.

Select all boxes that apply for structures located below MHW and show all on the development plan diagram.

☐ Fixed pile-supported dock, wharf or landing (non-floating) – dimensions _____ x _____ feet. No. of pilings _____

☐ Ramp to floating dock - dimensions _____ x _____ feet

☐ Boat haulout or non-floating ramp - dimensions _____ x _____ feet

☐ Floating dock dimensions ____ x ____ feet, ____ x ____ feet, ____ x ____ feet, ____ x ____ feet, ____ x ____ feet

☐ Floating breakwater - materials: _____ Dimensions _____ x _____

☒ Other floating structures (e.g., net pens, gear storage float) - describe materials, structures, dimensions:

Scientific equipment. Steel mooring cable and data transducers with data transmission cables will be routed from the anchor up to the surface, where two buoys attached to the cable. Cable lengths of roughly 60-120ft will be used carry buoys and scientific equipment.

☐ Storage sheds or similar structures on docks - description _____ Dimensions _____ x _____

☐ Bulkhead - type (log crib, sheet pile, etc.) _____

Dimensions _____ x _____ Cubic Yards of Fill

☐ Individual pilings not counted under fixed dock above. Number _____

☐ Dolphins - Number _____ Number of pilings per dolphin _____

☒ Anchor - Number 8 _____ Type Metal Fluke - D anforth S2000 _____ Weight 43 lbs ea _____

☐ Rock bolts - Number _____

☐ Shore ties – Number _____ Note: You must obtain the upland owner's permission to place shore ties above MHW before a permit is issued.

Note: Grounding is prohibited.

What is the water depth beneath the floating structures at extreme low tide? 30 feet

Part 4. Temporary log transfer facility (LTF) including floating log storage area.

Siting of an LTF which discharges wood into the marine waters must meet the 1985 Alaska Timber Task Force siting criteria guidelines and the criteria established under the US Environmental Protection Agency's (USEPA) - National Pollutant Discharge Elimination System (NPDES) general permit and the Alaska Department of Environmental Conservation (ADEC) 401 certification.

What is the maximum length of time that you will need to use the facility? _____ years.

What will be your seasonal periods of operation? _____

What is the total timber volume you need to transfer across this LTF? _____ mmbf.

How many total acres do you need for this facility? _____ acres.

Note: This acreage must include all improvements including the anchors and lines. It must include the area required for such items as log raft construction, off-shore storage, associated barge and vessel moorage, and shore-ties.

Does the associated transfer site require a log raft building area? **Yes** ☐ **No** ☐ If yes then:

How many boom logs _____ and anchors _____ and what is the total length of boom logs

_____ feet, that you need for the rafting area?

Will the log rafts ground or be moored in water at depths less than 40 feet as measured from MLLW?

Yes ☐ **No** ☐

What is the near shore depth _____ feet, and the offshore depth _____ feet, of the log rafting area as measured from MLLW (0.0' elevation)?

What nautical chart did you use for reference _____, please include a copy of this area of the chart with the attachments.

Will you need an associated in-water log storage area? **Yes** ☐ **No** ☐ If Yes, then answer the set of questions in the **Floating Log Storage Area section of Part 4.**

Will you need an associated log ship moorage and loading area? **Yes** ☐ **No** ☐ If yes then complete Part 1 on Pg 2.

What kind of transfer facility do you propose to operate? (i.e. A-Frame letdown, slide ramp, drive down ramp, barge ramp)

Will you be transferring logs into the marine waters?

☐ **No, logs will never be discharged into the water, they will always be transported directly onto barges.**

☐ **Yes - new facility.** The applicant must conduct a dive survey of the near shore area to document the pre-project underwater topography and habitat conditions that will be covered by the discharge of bark on to the likely one-acre zone of deposit. The initial dive survey must be done to guidelines established for bark monitoring by the USEPA and the ADEC. A written report of findings including photographic documentation must be submitted prior to review and consideration of this application.

Part 4. (continued)

☐ **Yes - existing facility.** Include a report of the last dive survey with attachments. The applicant / operator is responsible to conduct bark monitoring dive surveys, done to the guidelines established by the USEPA and the ADEC to document the current extent of bark accumulation at the site. A written report of current monitoring findings must be submitted prior to review and consideration of this application.

Is this an existing LTF that has been fully approved and used to transport timber in the past? **Yes** ☐ **No** ☐

If Yes, then answer the following set of questions. If No, you are finished with **Part 4**.

Was the facility constructed before 1985? **Yes** ☐ **No** ☐

Is the facility currently authorized? **Yes** ☐ **No** ☐ If Yes, provide the Army Corps of Engineer's Permit Name and number (i.e. Mud Bay 43) _____ and attach a copy of it and all modifications.

What is the US EPA - NPDES authorization number? _____ Date of approval _____

and who is the authorized operator: _____

When was the facility last actively used? _____ How long was it used before? _____

How much volume was transferred? _____ mmbf

What type of log entry system is currently authorized? (i.e. A-Frame letdown, slide ramp, drive down ramp, barge ramp)

Is there a tideland survey for the site? **Yes** ☐ **No** ☐ , ATS # _____ _____

Does the existing facility require a physical modification? **Yes** ☐ **No** ☐ If Yes, please submit your modification request to the USACE and include a copy with this application. Please briefly explain the modification.

Floating Log Storage Area

Will the storage area be inside the permit area at the log transfer facility? **Yes** ☐ **No** ☐ If No, Will there be a separate tract or tracts? **Yes** ☐ **No** ☐ If Yes, how many tracts do you need? _____ and list below the acreage of each tract.

How long do you need to use the storage area(s)? _____

How much volume will be moved thru this storage area? _____mmbf

How many log booms and anchors and what is the total length of the log boom perimeter that will be needed for storage?

# of log booms _____, # of anchors _____ total length of all log booms _____ feet.

Will you be using shore ties? **Yes** ☐ **No** ☐ If Yes, provide a copy of this permission, if No, you need to obtain and provide this.

Part 4. (continued)

Will the log rafts ground or be moored in water at depths less than 40 feet as measured from MLLW?

Near shore depth _____ feet, Offshore depth _____ feet.

What nautical chart did you use for reference? _____ If possible, please include a copy with the attachments.

If the log storage area is one which has been fully approved and used to store log rafts in the past, then answer the following:

When was the site last actively used? _____ and for how long? _____

If known, how much volume was stored here? _____ mmbf

Is the facility currently authorized? **Yes** ☐ **No** ☐ If Yes, provide the Army Corps of Engineer's Permit Name and number (i.e. Mud Bay 43): _____ and attach a copy of the permit and all modifications.

What is the DNR authorization number? _____

What is the US EPA - NPDES authorization number? _____ Date of approval _____ and who is the authorized operator: _____

Has there been a recent dive survey completed? **Yes** ☐ **No** ☐ If Yes, then include a copy of this report with the attachments.

Note: The applicant may have to conduct a dive survey of the log storage area to document the underwater topography and habitat that would be covered by the bark zone of deposit or to establish current bark accumulation levels. If required due to level of use, a bark monitoring dive survey must be done to guidelines established by the US EPA and the ADEC to document the current conditions at the site.

Part 5. Use that involves dredging, placing fill material or altering beaches.

NOTE: When altering the location of the line of mean high water on a beach by placing fill on or seaward of this line you need to be aware of the following. The line of ordinary high water (OHW) or mean high water (MHW) is the boundary where State (public) ownership of shorelands, tidelands and submerged land begins. For OHW, the boundary is the highest water level which has been maintained for a sufficient period of time to leave evidence upon the landscape, commonly that point where the natural vegetation changes from predominantly aquatic to predominantly terrestrial. For MHW, this boundary is an elevation contour on the beach and is determined by the tidal stage of MHW water elevation against the beach topography. These lines are not fixed by a past survey of the upland property if that land survey shows a meandered boundary as is typically done. A meandered boundary is intended to be dynamic and move over time; natural forces can either erode material or deposit material and as a result, the boundary can naturally move. Another natural way that boundaries can change is in tidal areas where glaciers have recently receded and the land is rebounding or uplifting over time. When any natural process is interrupted by the actions of man, such as placing material to stop erosion, the boundary line typically becomes fixed from that point on. When altering the boundary line through fill below MHW or (OHW), the upland owner will not gain ownership of the newly filled areas; these areas remain in State (public) ownership.

What is the elevation of the line of MHW at the proposed permit site? _____ feet

Are you proposing to alter the line of MHW in any manner? **Yes** ☐ **No** ☒ If Yes, explain what you intent to do.

Placing fill material on a beach.

What is the purpose of the fill?
No fill to be placed as a part of this project.

Is there an upland survey that has established a meandered boundary line? **Yes** ☐ **No** ☐

If Yes, Survey # _____ (if a subdivision survey please provide a legible copy)

(ATS, ASLS, US Survey #)

Will heavy equipment be used below the mean high-water line to alter the beach? **Yes** ☐ **No** ☐ If Yes, explain:

How many cubic yards of fill are you proposing to place at and below the line of MHW? _____ cubic yards

What are the dimensions of fill area below MHW elevation? _____

How many linear feet along the (beach) line of MHW will be covered with fill? _____ feet

Is there more than one area along the beach which will be filled? **Yes** ☐ **No** ☐ Identify the location of each area on the development plan diagram.

Part 5. (continued)

Will any of the fill material come from State owned uplands or tide and submerged lands? **Yes** ☐ **No** ☐ If Yes, then what is the source?

_____ and how many cubic yards? _____

If you are intending to limit beach fill to the area above the current line of MHW will any of the fill or associated retaining wall material including the toe of the fill or retaining wall extend beyond the line of MHW? **Yes** ☐ **No** ☐

Is the adjacent upland property encumbered with a public easement along the waterfront boundary? **Yes** ☐ **No** ☐

How will the fill affect public access along the beach?

Excavation of materials from a beach.

What is the purpose of the excavation?

How many linear feet along the beach will be affected? _____ feet

To what depth will you be excavating? _____ feet

How many cubic yards will be excavated from the area seaward of the line of MHW? _____ cubic yards and what will this excavated material be used for or where will it be disposed?

Part 6. Dismantle, Removal, Restoration Plan - The permit will require that upon expiration, completion, or termination the site shall be vacated and all improvements and personal property removed. The site shall be left in a clean, safe condition acceptable to the Regional Manager. Your answers to the following questions will establish your proposed restoration plan.

A. Explain how you plan to dismantle and remove the improvements and restore the site to a clean, safe condition acceptable to the Regional Manager. **Note:** One acceptable alternative is returning the permit site to the condition that existed before the site was developed or used.

The monitoring stations are designed to be temporary and of minimal impact to the waterway.The monitoring stations will be retrieved via field staff positioned above each station in a boat. Field staff will pull in the appropriate direction to dislodge the fluke anchors and pull each station to the river. If necessary for safe retrieval, a boat-mounted winch will be used to remove equipment. All monitoring station equipment will be removed from the river, per D NR regulatory guidelines. Once removed, the monitoring equipment and anchor will be brought to Kipnuk for deconstruction and eventual removal from the village, per D NR guidelines.

B. If your project involves fill describe how it will be removed and where will it be removed to. How will you document that the original line of Mean High Water has been restored? (e.g. photo documentation, resurvey)

Project does not involve fill.

C. If your project involves anchors and/or pilings how do you plan on removing them? Where is the nearest community that provides this type of removal equipment / service?

Anchors will be removed in a similar manner as they are installed: with field staff positioned above each station on a boat. Field staff will pull on the anchor line in such a way that the anchors become dislodged then they can be pulled to the surface by multiple people or using a boat mounted winch - whichever is more feasible and safer. Field staff, with the assistance of a local boat captain from Kipnuk, should be able to complete this task.

D. Describe the disposal method and identify the disposal site or sites for structural components, solid wastes, and hazardous wastes.

All monitoring station components will be retrieved and removed from site when field personnel complete the station decomissioning. The monitoring stations contain no hazardous wastes or solid wastes.

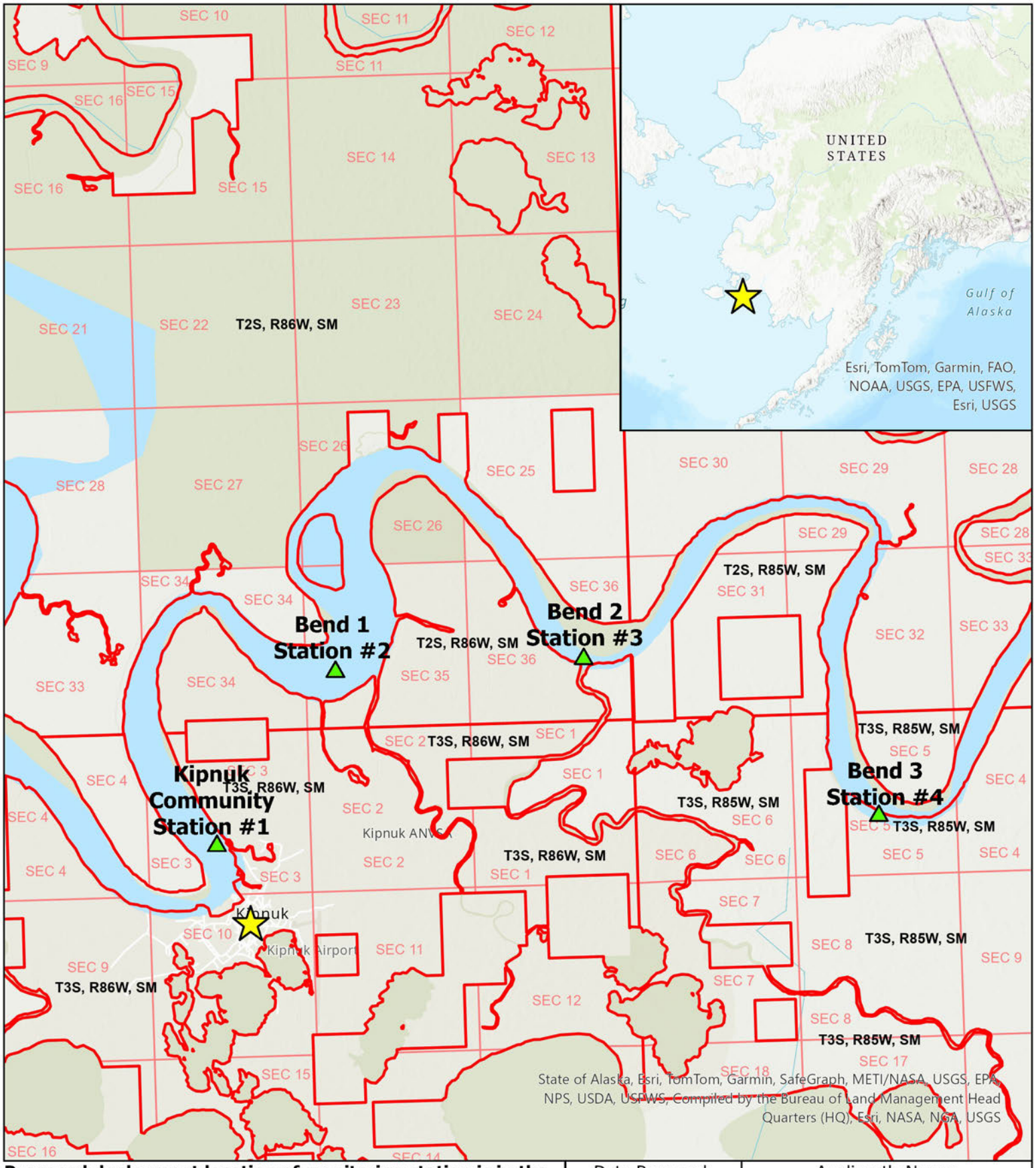
Part 6. (continued)

E. If components can be reused for other projects, such as anchors, identify where they would be stored?

Monitoring station components will be retrieved and returned to the WSP office in Anchorage, unless otherwise requested to remain in Kipnuk by the Client (ANTHC) or the community (Kipnuk Traditional Council).

This form must be filled out completely and submitted with the applicable fees. Failure to do so will result in a delay in processing your permit. 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 a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(8) and confidentiality is requested or AS 45.48). 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 40.25.310, 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 are punishable under AS 11.56.210.

In submitting this form, the applicant certifies that he or she has not changed the original text of the form or any attached documents provided by the Division. In submitting this form, the applicant agrees with the Department to use "electronic" means to conduct "transactions" (as those terms are used in the Uniform Electronic Transactions Act, AS 09.80.010 – AS 09.80.195) that relate to this form and that the Department need not retain the original paper form of this record: the department may retain this record as an electronic record and destroy the original.



Proposed deployment location of monitoring station is in the approximate center of the channel at the river stations shown.

0 2,500 5,000 10,000 Feet

N

Kipnuk

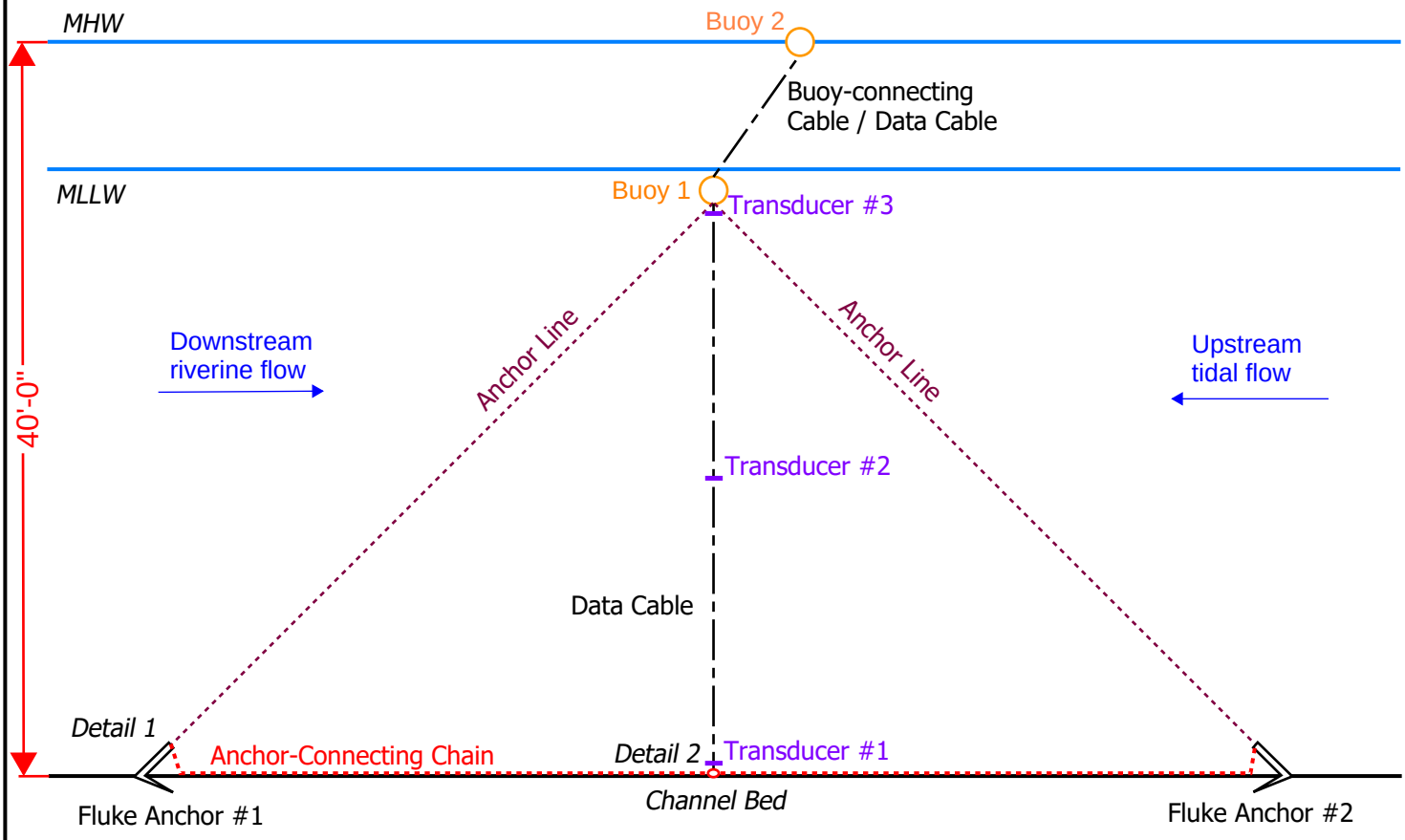
PLSS Township

PLSS Section

Monitoring Stations

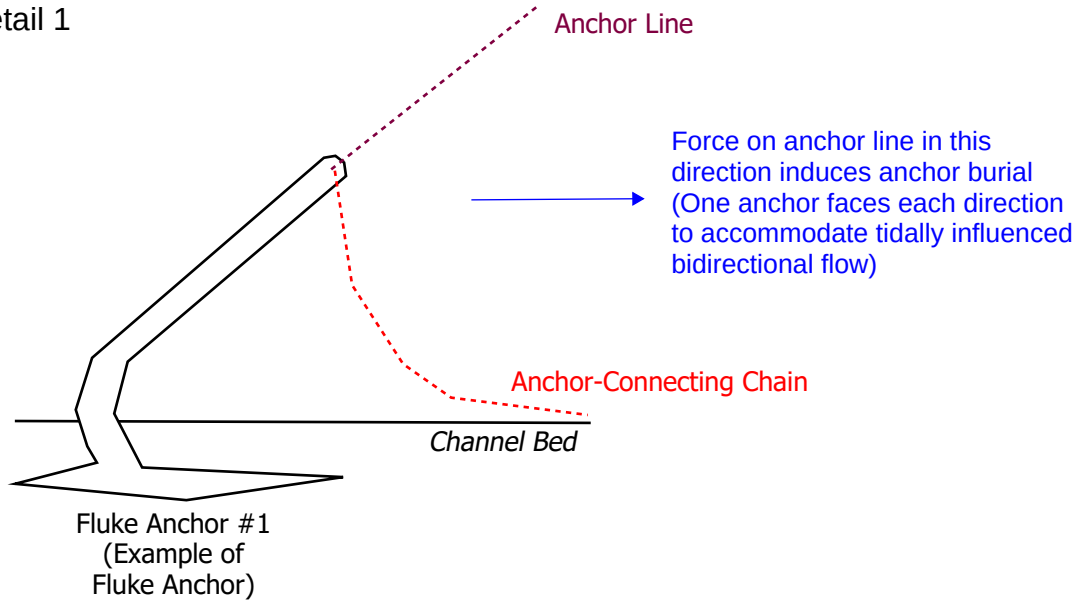
Date Prepared: 3/26/2025	Applicant's Name: Andrew Toman
Alaska Department of Natural Resources Division of Mining, Land & Water Land Use Permit	
Site Development Diagram	
Sec(s): 10 T: 3S R: 86W M: Seward	
Sheet 1 of 1	LAS # *35511*

Notes:
- MHW = **Mean High Water: 6.4ft NAVD88 (GEOID12B)**
- MLLW = **Mean Lower Low Water: -0.5ft NAVD88 (GEOID12B)**
- Buoy 1 (18" proposed diameter) provides flotation for the mooring line and is not planned to float on the surface
- Buoy 2 (18" proposed diameter) provides navigation guidance for vessels around the monitoring station
- Transducers are equally distributed along data cable (1 at channel bed, 1 between bed and MLLW, 1 below MLLW)
- As tide rises to MHW, Buoy 2 rises more to stay on surface while Buoy 1 stays at a point roughly below MLLW.
- Anchors are "fluke-style" that are connected with a horizontal chain across channel bed

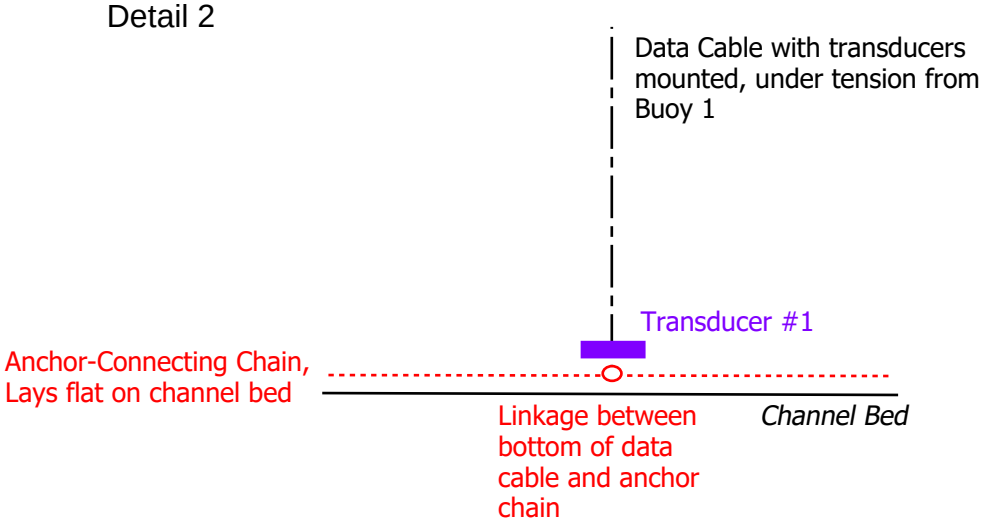


Kipnuk Monitoring Stations Plan View
Applicant: Alaska Native Tribal Health Consortium
File No.:
Waterway: Kuguklik River
Proposed Activity: Scientific Riverine Monitoring Stations (all equipment in-channel)
Section: 10, Township: 3S, Range: 86W, Meridian: Seward
Lat: 59.943875N Long: -164.043894W
Sheet 3 of 4 Date: 4/17/2025

Detail 1



Detail 2



Kipnuk Monitoring Stations Plan View
Applicant: Alaska Native Tribal Health Consortium
File No.:
Waterway: Kuguklik River
Proposed Activity: Scientific Riverine Monitoring Stations (all equipment in-channel)
Section: 10, Township: 3S, Range: 86W, Meridian: Seward
Lat: 59.943875N Long: -164.043894W
Sheet 4 of 4 Date: 4/17/2025