

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

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**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

CID: 59121

LAS # 30838

<b>Applicant Information:</b>			
Ashley Call		09-28-1979	
Applicant Name		Date of Birth	
Ocean Raft Alaska LLC		27-4932427	
Doing Business As		EIN	
Po Box 966 Skagway, AK, 99840		oceanraftalaska@gmail.com	
Mailing Address with City, State and Zip		Email Address	
( )	(916) 712-8682	(907) 947-9012	( )
Home Phone	Work Phone	Cell Phone	FAX
If you are applying for a corporation, give the following information:			
Name, address and place of incorporation: Ocean Raft Alaska LLC.			
Po Box 966 Skagway, AK 99840			
Is the corporation qualified to do business in Alaska? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> . If yes, provide name, address and phone number of resident agent: Ashley Call 905 2 <sup>nd</sup> street, Douglas, AK 99824			
Type of User, Select one: <input type="checkbox"/> Private non-commercial (personal use) <input checked="" type="checkbox"/> Commercial Recreation or Tourism			
<input type="checkbox"/> Public Non-profit including Federal, State, Municipal Government Agency <input type="checkbox"/> Other commercial or industrial			

<b>Duration of Project:</b> The proposed activity will require the use of state land for: (Check one)
<input type="checkbox"/> a single term of less than one year. Beginning month: _____ Ending month: _____
<input checked="" type="checkbox"/> a multi year term for up to 5 years. Beginning year: 2016 Ending year: 2020
If multi year and seasonal, circle months of use in each year. Jan., Feb., Mar., Apr., <u>May</u> , <u>Jun.</u> , <u>Jul.</u> , <u>Aug.</u> , <u>Sept.</u> , Oct., Nov., Dec.

**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 Natural Vegetation consists of typical plant species found in the area of this fjord. The majority of the area is steep and rocky, with little or no underbrush. There are Shore Pines, Western Hemlocks, Sitka Spruce, Alder and a few patches of grass along the shoreline. There is also Devils Club which we intend to avoid altogether.

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

There are no roads or trails to access the site, we will use one of our 30' long Zodiac type boats, with rigid hulls and inflatable sponsors.

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. 3
2. Indicate the number of customers who will be using the site per year or season. 5,000
3. Indicate the number of days the site will be used per year or season. 160

**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: \_\_\_\_\_

The specific storage location(s): \_\_\_\_\_

The spill plan and prevention methods: \_\_\_\_\_

Ocean Raft Alaska LLC.  
 P.O. Box 966  
 Skagway, AK, 99840  
 oceanraftalaska@gmail.com  
 www.oceanraftalaska.com

ATTN: Matt Neville

**Land Use Permit Application Supplemental Questionnaire for:  
Use of Marine Waters (Tide & Submerged Lands)**

**Tidelands** are that portion of the intertidal zone below the elevation of mean high water. This elevation varies by location. Contact the nearest 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 3 miles off shore. - If your activity includes the use of State tide and or submerged lands and the waters above them, answer the questions below and those applicable sections determined 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 water front property? Yes  No  If no, give name(s) and current address / phone # of that property owner.

United States of America, Bureau of Land Management

Give names and current addresses / phone #s for both upland property owners on either side of the above water front property.

USA, B.L.M.  
 Glennallen Field Office  
 P.O. Box 147 Mile Post 186.5 Glennallen, AK 99588

**Note:** You must obtain the upland owner's written permission for any use of uplands you do not own including for waste disposal, access to 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.

Remote site. All access will be via water

Will your tideland use also 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:

Small, rainforest trail tour. Shore accessed via floating dock and ramp. Improvements include stairs, trail, bridge and viewing platform

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

Will you be developing / using a Mooring Buoy system 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 pg. 2 and Part 6 on pg. 8.)

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 answer all questions in Part 2, pgs. 2, 3 and Part 6 on pg. 8.)

Will you be anchoring or mooring your own personal use Float house? Yes  No  (If yes, please also answer all questions in Part 2, pgs. 2, 3 and Part 6 on pg. 8.)

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, pg. 3 and Part 6 on pg. 8.)

**Type of Use, Activity, Development (continued)**

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, pgs. 4, 5, 6 and Part 6 on pg. 8.)

Will you be placing fill or dredging material on a beach? Yes  No  (If yes, please also answer all questions in Part 5, pgs. 6, 7 and Part 6 on pg. 8.)

**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  List below. No  If no, explain why.

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 needed? 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).** An associated part of approving this type of use is The US Army Corps of Engineers (USACE) permit. Their general permit, GP 89-4N, for occupied floating facilities can be obtained you meet all conditions of GP 89-4N. Please obtain a copy of GP 89-4N from the Corps, review the conditions and indicate below if your facility will meet all of these conditions. This will help streamline the approval process.

Does your project meet all conditions for general permit GP 89-4N? Yes  No

If no, you must Contact USACE at 1-800-478-2712 and apply for an individual Corps of Engineers permit.

**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.

Describe anchoring system and address all that apply: No. of anchors \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_  
No. of Rock bolts \_\_\_\_\_ No. of Shore ties \_\_\_\_\_

Other methods \_\_\_\_\_

**Part 2. (continued)**

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 ADEC 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 30' x 3' feet
- Boat haulout or non-floating ramp - dimensions \_\_\_\_\_ x \_\_\_\_\_ feet
- Floating dock Dimensions 30' x 10' feet; \_\_\_\_\_ x \_\_\_\_\_ feet; \_\_\_\_\_ x \_\_\_\_\_ feet; \_\_\_\_\_ x \_\_\_\_\_ feet; \_\_\_\_\_ x \_\_\_\_\_ feet;
- Floating breakwater - materials \_\_\_\_\_ Dimensions \_\_\_\_\_ x \_\_\_\_\_ feet
- Other floating structures (e.g., net pens, gear storage float) - describe materials, structures, dimensions \_\_\_\_\_

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 piling per dolphin \_\_\_\_\_

Anchors- Number 2 Type concrete Weight 2,400lb each

Rock bolts- Number \_\_\_\_\_

Shore ties- Number 2 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? 40 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 EPA's - NPDES general permit and the AK Dept of Environmental Conservation 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 shoreties.

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 page 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 Alaska Department of Environmental Conservation. A written report of findings including photographic documentation must be submitted prior to review and consideration of this application.

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 US EPA and the Alaska Department of Environmental Conservation 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**.

**Part 4. (continued)**

Was the facility constructed before 1985? Yes  No

Is the facility currently authorized? Yes  No  If Yes, provide the Army Corp of Engineer's Permit Name and number (i.e. Mud bay 43) : \_\_\_\_\_ and attach a copy of it and all modifications.

What is the 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 for? \_\_\_\_\_  
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 how many? \_\_\_\_\_ and if you are not the upland owner have you received permission to place shore ties? Yes  No  If yes, provide a copy of this permission, if no, you need to obtain and provide this.

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 and the offshore depth of the log storage area 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.

**Part 4. (continued)**

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 Corp 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 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 USEPA and the Alaska Department of Environmental Conservation 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 mean high water (MHW) is the boundary where State (public) ownership of tide and submerged land begins. This boundary is an elevation contour on the beach and is determined by the tidal stage of MHW water elevation against the beach topography. This line is 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 as natural forces affect the beach. Natural forces can either erode beach 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 becomes fixed from that point on.

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 intend to do?

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**Placing fill material on a beach.**

What is the purpose of the fill? \_\_\_\_\_

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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#)



**Part 5.** (continued)

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

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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.

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? \_\_\_\_\_

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**Excavation of materials from a beach.**

What is the purpose of the excavation? \_\_\_\_\_

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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 of?

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**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.

All improvements are designed for easy removal and dismantling using screws, bolts, and cable clamps. Sacrificial wood blocks to be used between anchor trees & cables. No disturbance of the land other than slight leveling of ground for foot path. Will return to original condition.

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? (i.e. photo documentation, resurvey)

No fill used

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?

Two mooring anchors will be used. Commercial vessel with suitable crane for removal located in Skagway.

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

No hazardous waste to be generated. Any daily trash to be removed daily and disposed of in Skagway municipal trash. All structural components to be disposed of at Skagway waste fac. at lease end.

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

Anchors and floating dock/ramp will be stored at Skagway municipal harbor storage facility at 225 Congress Way, Skagway.

Ocean Raft Alaska  
Fjord wilderness tour  
**Project description**

To whom it may concern,

Following is a description of a tour we are interested in developing in a remote area of Taiya Inlet, approximately midway between Skagway and Taiya point on the west side of the fjord and utilizing both state tidelands and uplands. There are no roads or trails in this vicinity, and access will be via one of our small passenger vessels. These are approximately 30' long Zodiac type boats, with rigid hulls and inflatable sponsons. There will be no overnight or caretaker facilities constructed. Upon issuance of a permit, we plan to build the structures listed in this application during a two-month time frame during the spring of 2016. Ideally we would have everything built and ready for guests by June 1<sup>st</sup>. Please refer to photos and maps enclosed with this application for visual reference.

The desired site is a small indent in the shoreline of Taiya inlet on the west side, and contiguous uplands on either side of the water. The south side is very steep and rocky, and would only be used for a place to disembark from our vessel, and the north side, while also very steep, juts out into a small point, and we'd like to base a small trail and viewing area on this point. We'd also like to construct a suspension bridge that spans the water from the shore side embarkation point to our trail on the other side. The trail would consist of a small graded path through the forest, using switchbacks and topography to keep the vertical rise as shallow as possible for guests. We foresee a small amount of brush cutting and rock moving to create the trail, but do not see the need to cut any trees or use concrete structures in our construction. For handrails on steep trail sections we'd like to use ropes strung between trees. In areas where there are no trees we'd like to use pressure treated wood posts placed in the ground. Again, the goal of site construction here would be to create as minimally intrusive a trail through the woods as possible. We want our guests to feel as if they are stepping into a remote Alaska wilderness setting in the middle of a fjord. As such, any trappings of town or modern society would detract from the experience. See attached photos for views of the shoreline where the stairs, bridge, and trail will be situated.

The floating dock we wish to use will be constructed of pressure treated lumber and coated foam billets, which are standard materials for this sort of structure. It will be approximately 30' long and 10' wide. It will be moored by two anchors, one on each end, and will be temporary in nature. During the off-season the dock will be removed and placed in storage in Skagway. There will be a protective bull rail located around the perimeter for guest safety. Where the ramp rides on the dock there will be HDPE plastic protection and metal guides on either side to help keep it in place. The top end of the ramp will land on a wooden platform and pivot at it's attachment points to ride up and down with the tide. This platform will also be

constructed of pressure treated wood and will rest on temporary concrete pier blocks.

To access the start of the bridge, a ramp from the floating dock to a landing above mean high tide will have to be constructed. And because of the steep rocky shore leading to the bridge, we envision constructing a set of stairs leading up from shore. The stairs would be built of wood and utilize concrete pier blocks as footings in the mountainside. The entire structure will be of a temporary nature and built with screws so it can be quickly and easily removed. The footers will rest on the existing rocks and soil and will not be embedded in the ground. These stairs will be approximately 10' long, and about another 40' of trail will lead towards the start of the bridge.

The bridge we wish to construct will be approximately 160' long, and allow us to gradually ascend from the waters edge to the start of our trail, bypassing a cliff and steep hillside and helping to keep the trail gradient easy. The air draft under the bridge at mean high water will be approximately 40'. We envision using large trees on either end of the bridge as anchors for the cables supporting the structure. The cables themselves will use blocks of pressure treated lumber as intermediaries between them and the trees so no marks or scarring will occur on the trees. There will be two cables holding the foot platform and two for handrails. On either side of the platform safety netting will be strung between the two cables. There will be a steel spreader bar adjacent to the anchor trees on either side of the bridge that will serve to keep the cables at the appropriate width apart. Backup anchor cables will run from the trees anchoring the bridge to adjacent trees and boulders for added safety. The bridge walking surface will be constructed from pressure treated lumber with a non skid surface added to them. Because of the technical nature of this span we intend to hire a specialist in this sort of construction type to help us properly site and design the structure. We have identified two suitably large anchor trees and a location specific to our needs. Please see enclosed photos for images of similarly constructed bridges.

From the upper landing spot of the bridge we would like to build a trail winding through the trees to a location on a nearby point of land. Again, this point affords an excellent view of the fjord in both directions, as well as of 3000' long falls directly across the fjord. We would like to construct a level viewing platform here from pressure treated lumber, suitable to accommodate 25 people. Although the platform will not be uniform in size in order to avoid altering existing vegetation, we envision it being about 40' by 10'. Again, the platform would be temporary in nature and be constructed on small concrete footings placed on the ground surface. There would be wooden handrails around the perimeter for safety, as well as benches for seating. From the point the trail would wind back to the bridge via another trail, with stops at several overlooks where guests may further view the fjord or the cove where their boat awaits.

Our existing tour operation already has multiple contracts in effect with various cruise lines, and so we foresee our potential clientele reflecting our existing customer demographic. The majority of our guests will most likely be passengers on various cruise ships paying port visits to Skagway. We envision each tour lasting about 1 hour in total. This includes time spent unloading the boat and taking off life jackets, and walking to the viewing platform and back. The distance covered is itself not far, and we envision frequent stops during the walk for guides to discuss local flora, fauna, geology and history. Our desire is to have the tour be a unique opportunity for guests to travel to a remote uninhabited piece of the rainforest. During multiple stops throughout the tour their guide would point out significant landmarks, wildlife, and plant species. There is a plethora of things to discuss, and questions would be encouraged. The desire is to have the tour be an interactive experience where guests and guides together get to explore and experience the rainforest in its natural state.

Ocean Raft Alaska  
Fjord wilderness tour  
**Site Description**

To whom it may concern,

The site proposed in this application is remote and not connected by roads or trails to either Skagway or Haines. Therefore it is pristine, with no signs of development or human occupation. There is no sign of trash, debris or other contamination. The natural vegetation consists of typical plant species found in this area of the fjord. The majority of the area we wish to use is steep and rocky, with little or no underbrush. There are Shore Pines, Western Hemlocks, Sitka Spruce, Alder, and a few patches of grass along the shoreline. There is one area at the head of the cove that has a large amount of Devils Club, which we wish to avoid altogether.

We propose to make little or no change to any existing plant life or land features. There may be a small amount of tree limbs located close to the ground near proposed trails that may need to be removed, but the trails themselves will be routed around any trees. The foundations of any structures will be constructed of a temporary nature with small concrete pier blocks. Again, due to the nature of the tour, the desire is to have the area appear as pristine and natural as possible.

There are no streams or wetlands in this area of the fjord. Various normal wildlife sightings have occurred in the past, including River Otters, Bald Eagles and other bird life, though there have been no sightings of any large land mammals. There is one Bald Eagle nest in the proposed area, and the US FWS has been consulted regarding this matter. After a discussion of the nature of the proposed tour and location with FWS officer Steve Brockman of the Juneau office, it was determined that a take permit was not needed and there would be no adverse affects on any resident Eagles.

Please refer to the enclosed pictures for reference.

Border of this map represents project boundary,

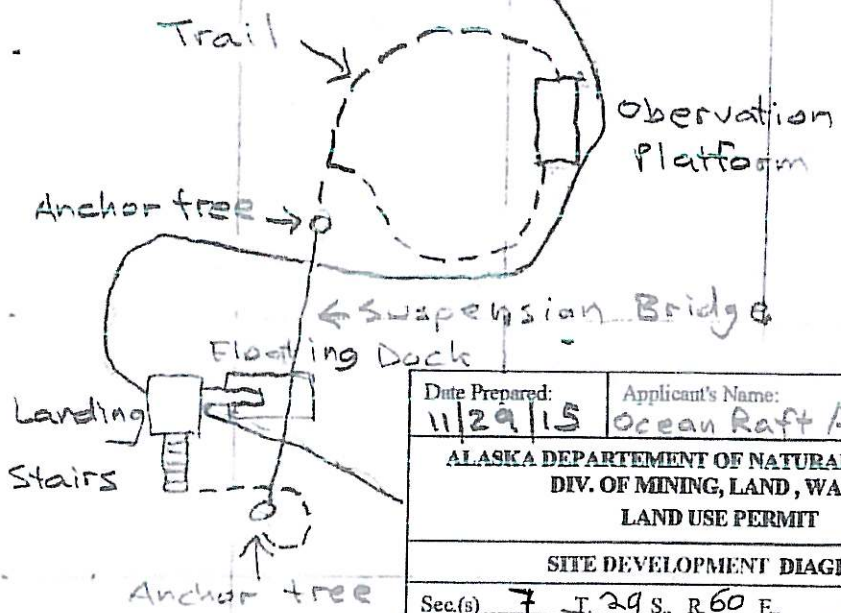
**SITE DEVELOPMENT DIAGRAM**

please see attached

VICINITY MAP

No pre-existing structures or storage

Taiya Inlet



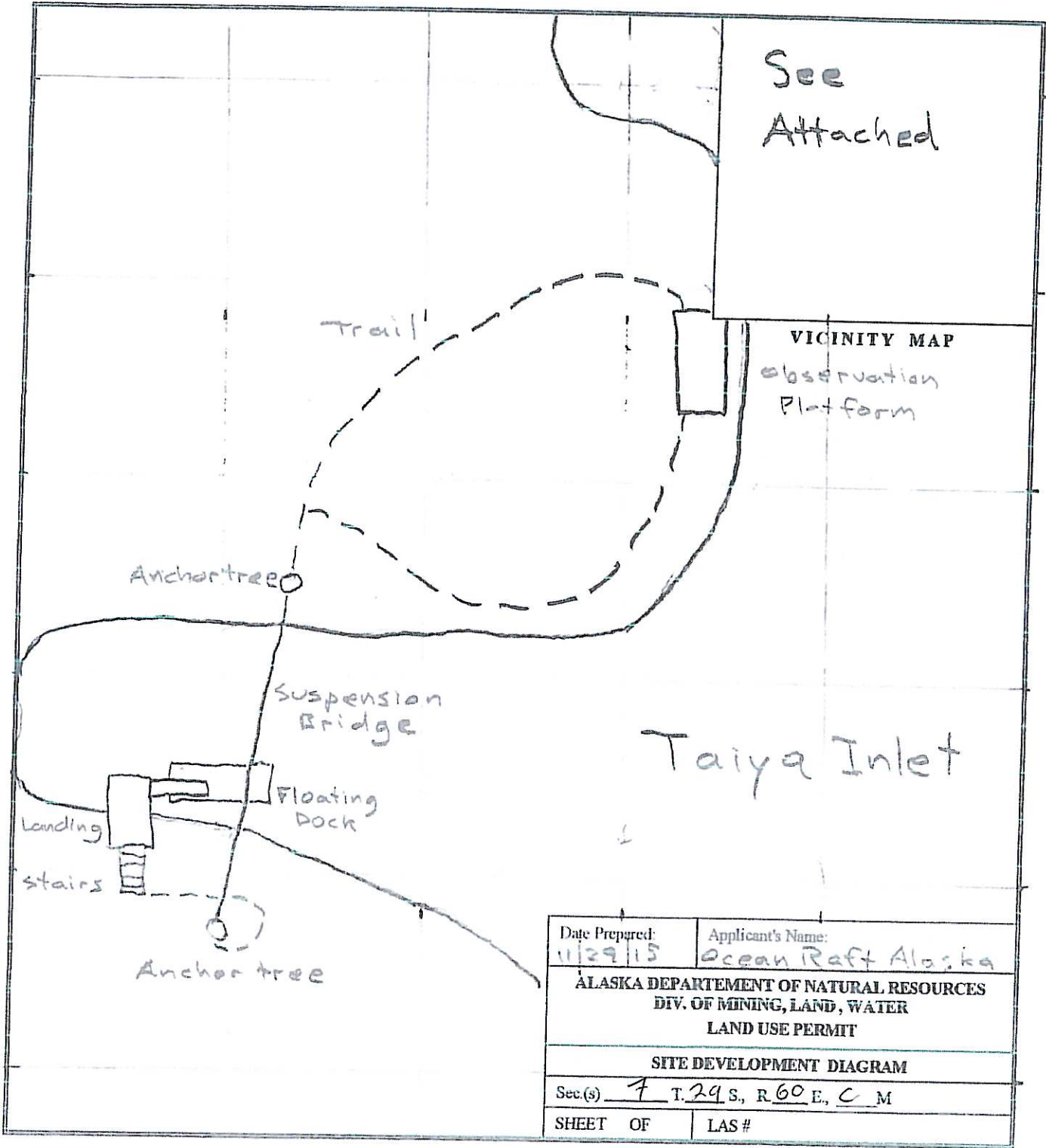
Date Prepared: 11/29/15	Applicant's Name: Ocean Raft Alaska
ALASKA DEPARTMENT OF NATURAL RESOURCES DIV. OF MINING, LAND, WATER LAND USE PERMIT	
SITE DEVELOPMENT DIAGRAM	
Sec(s) <u>7</u> T. <u>29</u> S., R. <u>60</u> E., <u>McCopper River</u>	
SHEET OF	LAS #

For scale please see attached vicinity map

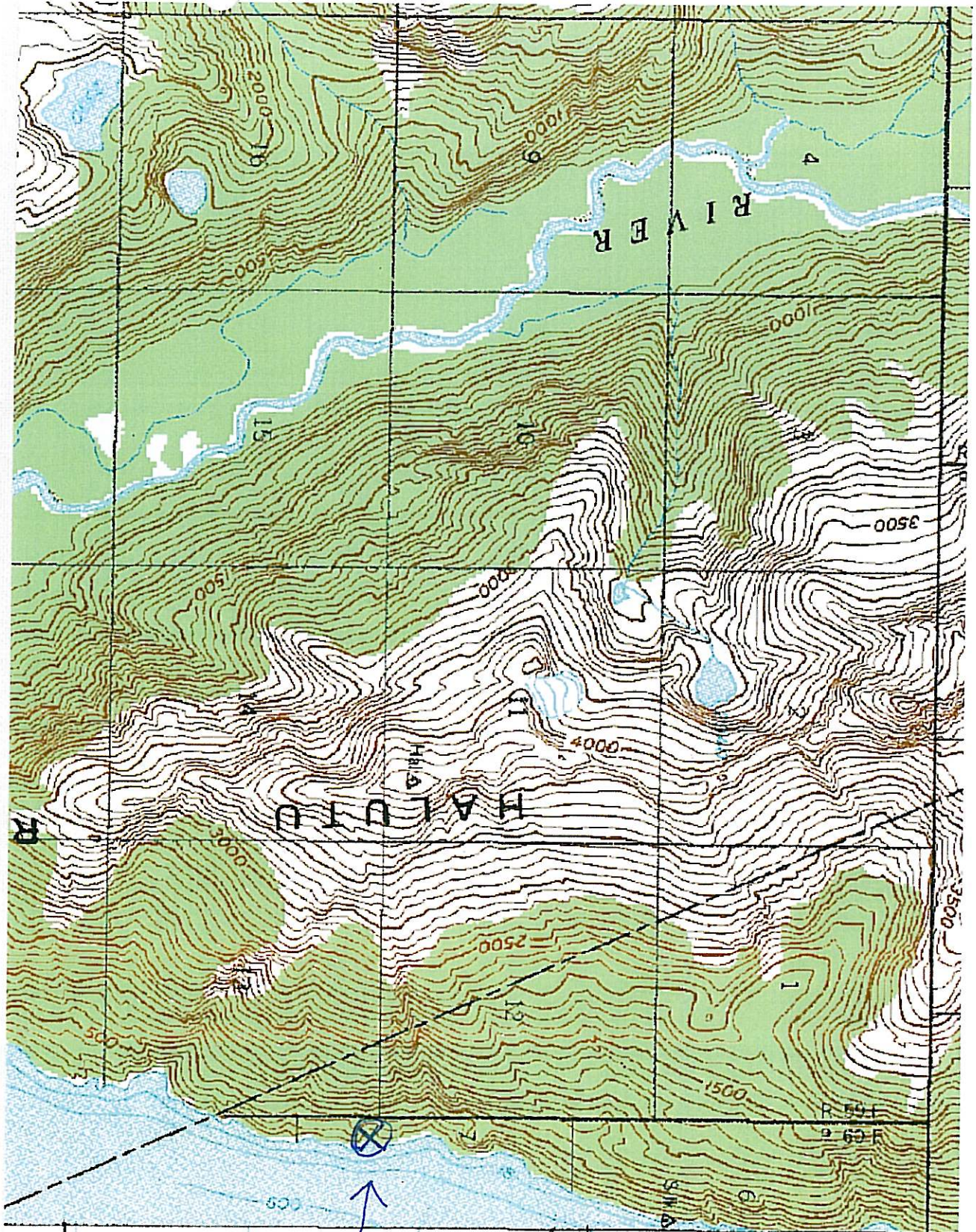
North up ↑

4084

**SITE DEVELOPMENT DIAGRAM**







Proposed Floating Dock Site (SKAGWAY B-11)

1. 28 S  
1. 29 S