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.

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

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.

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:

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 ____ 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 ___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 _____ Type _____ Weight _____
- ❑ 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? _____ 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?

_____

_____

_____

Placing fill material on a beach.

What is the purpose of the fill?_____

_____

_____

_____

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

_____

_____

_____

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?_____

_____

_____

_____

_____

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 of ?

_____

_____

_____

_____

_____

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.

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)

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?

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

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

SITE DEVELOPMENT DIAGRAM

VICINITY MAP

Date Prepared:	Applicant's Name:
ALASKA DEPARTEMENT OF NATURAL RESOURCES DIV. OF MINING, LAND , WATER LAND USE PERMIT	
SITE DEVELOPMENT DIAGRAM	
Sec.(s) _____ T._____ S., R._____ E., _____M	
SHEET OF	LAS #