

**VESSEL HAUL OUT TASK FORCE  
PACKET SUPPLEMENT INFORMATION  
FRIDAY, MAY 16, 2014**

1. Large Vessel Haul Out Facility Letter and Questionnaire (after packet page 40)
2. Permit approval letters for the barge moorage facility project from the Corp and ADF&G  
(after packet page 45)
3. Plan-Barge Moorage Facility Gravel Ramp aerial w/drawing (after packet page 45)





# City of Homer

[www.cityofhomer-ak.gov](http://www.cityofhomer-ak.gov)

Port and Harbor

4350 Homer Spit Road  
Homer, AK 99603

[port@cityofhomer-ak.gov](mailto:port@cityofhomer-ak.gov)

(p) 907-235-3160

(f) 907-235-3152

April 4, 2014

Re: Large Vessel Haul-Out Facility – Potential Future Facility & Questionnaire

Dear Vessel Owner,

Homer City Council has formed a task force focused on the possibility of building a large vessel haul-out and repair facility on the Homer Spit. The task force is made up of two City Council members, two Port and Harbor Advisory Commissioners, two members of Homer Marine Trades Association, and the Port Director/Harbormaster. This group has been assembled to review/discuss the possibility of a large vessel haul-out and repair facility, the benefits and challenges of building such a facility, and the options of the facility being owned privately or by the Harbor Enterprise.

The task force's goal is to utilize the existing fenced-in, 5 acre, concrete pad located on the Homer Spit for a year-round facility (see map on other page). Nearby lots 10 and 11 may also be utilized. Due to limited space, the City is only interested in creating a vessel maintenance and repair facility, not a vessel storage yard. A rate structure would be established to encourage vessel owners to accomplish their boat projects on an efficient and timely basis.

To better aid the task force in determining the potential market for a large vessel haul-out and repair facility, we are asking for your input via a questionnaire. We have chosen to send this letter to you because:

- You are the owner of a vessel that is 58 to 300 feet in length
- Your vessel may be too wide (beamy), and too heavy (over 70 displacement tons) for other haul-out facilities
- You have utilized Homer's harbor and/or port
- You may have difficulty finding local facilities that can haul your vessel out for repairs and maintenance

If this description applies to you, then we are very interested in hearing more about your vessel and your willingness to use a Homer-based, large vessel haul-out facility. We are also interested in your opinion of who the potential owners/financers should be, such as: the City of Homer, a private business, or a private group (i.e. local businesses and vessel owners forming a cooperative).

**Enclosed with this letter is a brief questionnaire. Please complete the form and return to the Harbor Office by May 5, 2014 by the following methods:**

- **Mail** – City of Homer, Port and Harbor 4350 Homer Spit Road, Homer, AK 99603
- **In Person** – Office located at the above address; at the top of Ramp 2
- **Email** – Scan and email to [rtussey@ci.homer.ak.us](mailto:rtussey@ci.homer.ak.us)

This questionnaire is available online at:

<http://www.cityofhomer-ak.gov/port/large-vessel-haul-out-facility-questionnaire>

It is also available at the following Survey Monkey link:

<http://www.surveymonkey.com/s/352RNL6>

We appreciate your time and hope to hear what you have to say on the subject by May 5<sup>th</sup>!

Sincerely,



Bryan Hawkins  
Port Director/Harbormaster

Encl. Large Vessel Haul-Out Questionnaire





## City of Homer Vessel Haul-Out Task Force

### Large Vessel Haul-Out Facility Questionnaire

**\*Please Complete & Return to the Harbor Office by Monday, May 5, 2014**

Hello and thank you for taking a moment to complete the following questionnaire! The information you provide will be used by the Vessel Haul-Out Task Force for the sole purpose of conducting research for potential users of a large vessel haul-out and repair facility, located on the Homer Spit. This fact-finding questionnaire is designed to help decision-makers move in the right direction with this proposed project; your participation will not obligate you in any way. We thank you for your time and input!

Name of Owner: \_\_\_\_\_

Vessel Name: \_\_\_\_\_ Home Port: \_\_\_\_\_

Vessel Length: \_\_\_\_\_ Beam: \_\_\_\_\_ Displacement Tonnage (actual weight): \_\_\_\_\_

Type of Vessel:  Tender  Fishing Vessel  Landing Craft  Barge  Tug  Other: \_\_\_\_\_

Hull Shape:  Deep Draft, Single Keel  Shallow-Draft, Flat Bottom, Twin Engine  Other: \_\_\_\_\_

Hull Material:  Steel  Aluminum  Wood  Fiberglass  Other: \_\_\_\_\_

1. When looking for a place to haul out, what motivates you to choose one facility/location over another?

(Rate the following choices, 1 being most important and 5 being less important)

\_\_\_ Geographic Area

\_\_\_ Price

\_\_\_ Marine Industry Support

\_\_\_ Harbor Amenities

\_\_\_ Local Services

2. If this kind of facility existed in Homer, would you use it?

Absolutely

Possibly

I don't know

No

3. What is your preferred method for removing the vessel from the water?

Trailer

Dry Dock

Travel Lift

Air Bags

Other: \_\_\_\_\_

4. In regards to your maintenance/repair schedule, how often would you have your vessel hauled?

Annually

Every Other Year

Once Every 3-5 Years

Other: \_\_\_\_\_

5. What time of the year would you like to be hauled out?
- Spring
  - Summer
  - Fall
  - Winter
6. How long would you like to be hauled out?
- Days
  - Weeks
  - Months
7. While hauled out, what kind of boat work are you looking to have done? (select one or more)
- Hull Maintenance – sandblasting, painting, zincs, etc.
  - Mechanical – props, shafts, engines, etc.
  - Fabrication – fiberglass, welding, etc.
  - Inspection Purposes – USCG, insurance, etc.
  - Other: \_\_\_\_\_
- 

For the next few questions, let's focus on who will own this facility, who will oversee operations/maintenance, and where the funding will come from to build such a facility. Please select the answer you agree with best.

8. Let's say that the City of Homer Port and Harbor offered specific lots in the harbor, at a reasonable lease rate and term, to establish the facility. How would you suggest a facility such as this be funded and owned?
- The City of Homer Port and Harbor, funded through state grant appropriations
  - A private business
  - A cooperative consisting of local businesses and vessel owners interested in investing
  - Other: \_\_\_\_\_
9. If the facility is built, who do you think should operate the haul-out equipment, run the office, and manage the facility overall?
- The City of Homer Port and Harbor, working as another branch of the Port and Harbor department
  - A private business that is the owner AND operator
  - A private business that operates through a contract under the ownership of another entity (such as the City)
  - A cooperative consisting of local businesses and vessel owners
  - Other: \_\_\_\_\_
10. If you were given the opportunity to be a part of a cooperative effort (involving local businesses and vessel owners) that owned, operated, managed, and maintained a large vessel haul-out facility, would you be interested in being a part of it?
- Yes
  - No

Please provide other comments you may have:

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# STATE OF ALASKA

## DEPARTMENT OF FISH AND GAME

*Division of Habitat*

**SEAN PARNELL, GOVERNOR**

514 Funny River Road  
Soldotna, Alaska 99669  
Phone: (907) 714-2475  
FAX: (907) 260-5992

### FISH HABITAT PERMIT FH 12-V-0071-SA

ISSUED: February 13, 2012  
EXPIRES: December 31, 2012

City of Homer Port and Harbor  
Bryan Hawkins  
4350 Homer Spit Road  
Homer, AK 99603

RECEIVED

FEB 17 2012 ✓

Dear Mr. Hawkins:

PORT & HARBOR

RE: **Gravel Ramp**  
Kachemak Bay Critical Habitat Area  
Section 35, T 06S, R 13W, S. M.  
Kenai Peninsula Borough Parcel Numbers: 181-031-17  
River Center Tracking No. 9007

Pursuant to 5 AAC 95, the Alaska Department of Fish and Game (ADF&G), Division of Habitat has reviewed your proposal to construct a gravel ramp on the beach landing site west of the Homer Harbor. This project will create a safe moorage facility for barges on the northeast side of the Homer Spit and create an access point to Kachemak Bay for large vessel/barge haul out.

#### **Project Description**

Approximately 300 cubic yards of dredged materials will be used for the construction of the gravel ramp. Three deadman bollards located above the high tideline will be spaced 50 feet apart and a row of pilings perpendicular to the beach beginning at the zero tide will extend 200 feet into Kachemak Bay. Equipment used will include a dozer, loader, and crane which will gain access from the campground area. The crane barge will gain access from Kachemak Bay. A crane will be floated in over the site and pilings driven according to the engineer's design. The stern anchor system will be set out from the barge via crane. Deadman bollards will be driven into place using a land based crane with a pile driving attachment. An access ramp will be formed using a dozer and front-end loader. The existing beach grass will be transplanted to either side of the ramp location to aid with beach stabilization. No dredging will be necessary for this improvement.

The construction schedule during fall months avoids summer tourism and recreation activities, the possible presence of juvenile salmon and herring in the near shore areas, and most of the

commercial, recreational, and subsistence fishing activities. The in-water construction work should take about two weeks. The area will be monitored for wildlife during pile-driving and would be halted if a sea otter or other marine mammal approached the vicinity.

The KBCHA was established by the Alaska legislature in 1974 through the enactment of AS 16.20.590 to "...protect and preserve habitat areas especially crucial to the perpetuation of fish and wildlife, and to restrict all other uses not compatible with that primary purpose." (AS 16.20.500). The Kachemak Bay and Fox River Flats Critical Habitat Areas Management Plan (Management Plan) was adopted by the ADF&G in 1993. Activities that occur within the KBCHA must meet the goals and policies of the Management Plan, which have been adopted into regulation and are binding on department actions, including the issuance of Special Area Permits. The management plan provides that KBCHA be managed to maintain and enhance public use of fish, wildlife and critical habitat area lands and water. The proposed project is not expected to adversely impact habitat values or fish and wildlife populations provided the stipulations cited below are followed.

*In accordance with 5 AAC 9, project approval is given subject to the project description above, and the following additional terms of this permit:*

1. Division of Habitat shall be contacted at (907) 714-2475 three days prior to project initiation and again at project completion.
2. All in water pile driving shall occur after October 1 unless otherwise authorized in writing by the Alaska Department of Fish and Game, Habitat Division.
3. No materials or debris shall be discarded or abandoned in intertidal area or the waters of KBCHA. Any debris inadvertently placed in intertidal areas shall be removed immediately.
4. All activities shall be conducted so as to prevent the introduction of petroleum products and hazardous substances into the waters of KBCHA. This includes ensuring that all equipment is clean and free of contamination and that material such as absorbent pads and booms will be readily available on-site.
5. No material shall be excavated from below the mean high tide line.

You are responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project. For any activity that significantly deviates from the approved plan, you shall notify the Division of Habitat and obtain written approval in the form of a permit amendment before beginning the activity. Any action that increases the project's overall scope or that negates, alters, or minimizes the intent or effectiveness of any stipulation contained in this permit will be deemed a significant deviation from the approved plan. The final determination as to the significance of any deviation and the need for a permit amendment is the responsibility of the Division of Habitat. Therefore, it is recommended you consult the Division of Habitat immediately when a deviation from the approved plan is being considered.



For the purpose of inspecting or monitoring compliance with any condition of this permit, you shall give an authorized representative of the state free and unobstructed access, at safe and reasonable times, to the project site. You shall furnish whatever assistance and information as the authorized representative reasonably requires for monitoring and inspection purposes.

This letter constitutes a permit issued under the authority of AS 16.05.871 and must be retained on site during project activities. Please be advised that this determination applies only to activities regulated by the Division of Habitat; other agencies also may have jurisdiction under their respective authorities. This determination does not relieve you of your responsibility to secure other permits; state, federal, or local. You are still required to comply with all other applicable laws.

In addition to the penalties provided by law, this permit may be terminated or revoked for failure to comply with its provisions or failure to comply with applicable statutes and regulations. The department reserves the right to require mitigation measures to correct disruption to fish and game created by the project and which was a direct result of the failure to comply with this permit or any applicable law.

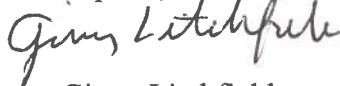
You shall indemnify, save harmless, and defend the department, its agents, and its employees from any and all claims, actions, or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from permitted activities or your performance under this permit. However, this provision has no effect if, and only if, the sole proximate cause of the injury is the department's negligence.

This permit decision may be appealed in accordance with the provisions of AS 44.62.330-630.

Any questions or concerns about this permit may be directed to Patti Berkahn at (907-714-2476) or email [patricia.berkhahn@alaska.gov](mailto:patricia.berkhahn@alaska.gov)

Sincerely,

Cora Campbell, Commissioner



By: Ginny Litchfield  
Kenai Peninsula Area Manager  
ADF&G, Division of Habitat

cc: KRC File

By email only:

AWT Homer  
ADF&G Homer, Anch.

COE – KFO





REPLY TO  
ATTENTION OF:

DEPARTMENT OF THE ARMY  
U.S. ARMY ENGINEER DISTRICT, ALASKA  
REGULATORY DIVISION  
P.O. BOX 6898  
JBER, ALASKA 99506-0898

RECEIVED

MAR 13 2012

PORT & HARBOR

MAR 12 2012

Regulatory Division  
POA-2012-97

City of Homer Port and Harbor  
Attention: Mr. Bryan Hawkins  
4350 Homer Spit Road  
Homer, Alaska 99603

Dear Mr. Hawkins:

We have received your January 29, 2012, Department of the Army (DA) permit application for a beach landing ramp, 8 pilings, and a stern anchor with mooring buoy. The proposed project is located within Section 35, T. 6 S., R. 13 W., Seward Meridian; USGS Quad Map Seldovia C-4; Latitude 59.6087° N., Longitude 151.4343° W.; The Fishin Hole Subdivision Number 2, Lot TR 1-A; 3854 Homer Spit Road, in Homer, Alaska. It has been assigned number POA-2012-97, Kachemak Bay, which should be referred to in all correspondence with us.

Based on our review of the information you provided and available to our office, we have determined that your proposed project would involve work in and placement of dredged material into waters of the United States (U.S.) under our regulatory jurisdiction.

This approved jurisdictional determination is valid for a period of five (5) years from the date of this letter, unless new information supporting a revision is provided to us before the expiration date. Enclosed is a Notification of Administrative Appeals Options and Process and Request for Appeal form regarding this approved jurisdictional determination. A copy of the Approved Jurisdictional Determination form is available at [www.poa.usace.army.mil/reg/ApprovedJDs.htm](http://www.poa.usace.army.mil/reg/ApprovedJDs.htm) under the above file number.

If you would like us to begin evaluation of your proposal, more information is essential for the application to be considered complete. Please provide the following:

- a. Your plan view drawing that was provided must show the high tide line and mean high water.
- b. A side view drawing of the structures to be placed in the water, also showing the high tide line and mean high water levels.
- c. A description of how and when the piles would be installed, such as using a vibratory hammer or some other method. Would they be installed during low tide or high tide events?

d. Provide information on the source of the gravel for the ramp. Your application states that dredged gravel would be used, but that no dredging is proposed for this project.

e. What portion of the beach landing ramp would be below the high tide line? On the plan view drawing you provided, the beach landing ramp appears to end at the same elevation as the deadman bollards that are stated to be above the high tide line.

f. A statement describing how impacts to aquatic resources were avoided and minimized. Please see the attached Applicant Proposed Mitigation Statement and the paragraph below for further information.

Also, in accordance with 33 CFR Part 325.1(d)(7), "For activities involving discharges of dredged or fill material into waters of the U.S., the application must include a statement describing how impacts to waters of the United States are to be avoided and minimized. The application must also include either a statement describing how impacts to waters of the United States are to be compensated for or a statement explaining why compensatory mitigation should not be required for the proposed impacts." Therefore, you are required to provide information regarding your proposed avoidance, minimization, and compensatory mitigation, which will be included in the Corps public notice of your project. Additional information can be obtained from the Alaska District's *Final Mitigation Rule Public Notice*, Number POA-2008-834, which is available for viewing on our website at: [www.poa.usace.army.mil/reg/SPNNNew.htm](http://www.poa.usace.army.mil/reg/SPNNNew.htm). The enclosure titled, "*Applicant Proposed Mitigation*" can be used to assist you in this requirement.

To ensure completeness before resubmittal, you should refer to the sample drawings on our website at [www.poa.usace.army.mil/reg/PermitApp.htm](http://www.poa.usace.army.mil/reg/PermitApp.htm). The importance of clear drawings cannot be overemphasized.

Upon receipt of the requested information we will begin evaluating your application. If we do not receive the information within 30 days of the date of this letter, we will close your file. Closure of the file at such time will not preclude you from reopening the file at a later date.

A preliminary review for compliance with the Environmental Protection Agency's 404 (b)(1) guidelines indicates that the proposed discharge of dredged or fill material may not contain all appropriate and practicable steps to minimize potential impacts of the discharge on the aquatic ecosystem, nor does it appear to represent the least environmentally damaging practicable alternative. You must provide us information on the alternatives you considered for your proposed project. This information should include the availability of other sites and the use of other project designs which would avoid or minimize project impacts on the aquatic ecosystem. See the enclosed "Practicable Alternatives Information Sheet" for a detailed description of the alternatives information. This information must be provided by the public notice expiration date, once we've determined your application is complete, and have issued a public notice.

Section 401(a)(1) of the Clean Water Act requires that you obtain a Certificate of Reasonable Assurance or waiver of certification. This is the

responsibility of the Alaska Department of Environmental Conservation (ADEC). Once we determine your application to be complete, we will forward a copy of your application to the ADEC, which they will accept as an application for a Certificate of Reasonable Assurance. A fee is charged by the ADEC for the 401 certificate. Fee information can be found online at [www.state.ak.us/dec/water/wwdp/online\\_permitting/individual\\_permit\\_fees.htm](http://www.state.ak.us/dec/water/wwdp/online_permitting/individual_permit_fees.htm) or by contacting the ADEC at WQM/401 Certification, 555 Cordova Street, Anchorage, Alaska 99501-2617, or by telephone at (907) 269-7564.

Please contact me via email at [heather.l.boyer@usace.army.mil](mailto:heather.l.boyer@usace.army.mil), by mail at the address above, by phone at (907) 753-2877, or toll free from within Alaska at (800) 478-2712, if you have questions or to request a paper copy of the jurisdictional determination.

Sincerely,



Heather Boyer  
Project Manager

Enclosures



# Multi-Agency Permit Application



# RIVER CENTER

Please answer all questions completely.

### Applicant Information:

Name: City of Homer Port & Harbor  
Owner?  Yes  No

Mailing Address: (permits will be mailed to this address)  
4350 Homer Spit Road  
Homer, AK 99603

Phone (Home/Work): 907-235-3160  
Cell Phone: 907-399-6003  
Fax: 907-235-3152

E-Mail: bhawkins@ci.homer.ak.us

### Agent Information:

Name: Bryan Hawkins

Mailing Address: Same

Phone (Home/Work): 907-235-3160  
Cell Phone: 907-399-6003  
Fax: 907-235-3152

E-Mail: bhawkins@ci.homer.ak.us

### Project Location:

Please complete all information including the legal description of the property or site location. This information can be found on your tax bill or by visiting the KPB Assessing Department website at [www.borough.kenai.ak.us/assessingdept/default.htm](http://www.borough.kenai.ak.us/assessingdept/default.htm).

Waterbody Name: Kachemak Bay

River Mile: n/a  Right or  Left bank (looking downstream)

Subdivision: The Fishin Hole Sub No. 2 Lot: TR 1-A Block: \_\_\_\_\_

Township: 6S Range: 13W Section: 35

KPB Parcel Number: 181-031-17 Physical Address: 3854 Homer Spit Road

Directions to the site: Located in Homer on the Spit near mile 178. Turn left at Pier 1 Theatre.

The proposed project is behind this building near the campground/beach area.

### Please Complete the Following:

- 1) This activity is a:  new project  modification, addition, repair, or replacement to an existing project
- 2) What is the purpose of this project? #1: Create a safe moorage facility for barges on the NE side of the Homer Spit. #2: Create an access point to the Bay for large vessel/barge haul out.

## Multi-Agency Permit Application – Page 2

3) Provide a detailed description of your entire project and all related activities. Attach additional pages if needed.  
Please be sure that your description contains all of the following:

- A  The location and dimensions of all existing and proposed development, including buildings, roads/driveways, pathways, building pads, accessory structures, and fill, as well as the location of any water bodies.
- B  The type(s) and amount(s) of fill material to be used for the project. Include the location/source of the fill material.
- C  The measurements of all new development, including platforms, walkways, structures, and bank restoration techniques. Please include measurements from water bodies and lot lines.
- D  The area and volume of material to be dredged and the location of the disposal site.
- E  A description of the waterbody, including wetlands to be filled. Include the types and volumes of each type of fill material.
- F  A description of construction methods and types of equipment to be used.
- G  If you are withdrawing water from a waterbody, a description of water use including location, methods of withdrawal, rate of withdrawal, and the total quantity of water required.
- H  If fuel storage is required for your project, indicate the location, quantities, and types of fuel.
- I  If vegetation or trees must be cleared as a result of your project, indicate the location, amount, and type of vegetation to be cleared.
- J  The type(s) and amount(s) of material that will be excavated for the project. Include the location the excavated material will be placed.

A: This project will be constructed on the beach landing site located west of the Homer Harbor.

See attached overview for dimensions and locations.

B: Approximately 300 cubic yards of dredged materials will be used for the construction of the gravel ramp.

C: Three deadman bollards located above the high tideline spaced 50 ft apart, a row of pilings perpendicular to the beach beginning at the 0 tide extending 200 ft into the Bay, stern anchor mooring buoy system set out 250 ft from 0 tide.

D: There will be no dredging necessary for this improvement (additional pages attached)

4) Proposed project start date: 9/15/2012 Proposed project end date: 10/15/2012

Estimated number of actual construction days: 30

5) If this project is within the limits of an incorporated city, please indicate city: Homer, Alaska

6) Is the project located within 50 feet of ordinary high water (OHW) or mean high water (MHW) of a stream or waterbody?  Yes  No  Not sure where OHW or MHW line is



**Multi-Agency Permit Application – Page 3**

7) Does any portion of the project cantilever or extend **over** the OHW or MHW of the stream or waterbody?  
 Yes    No    Not sure where OHW or MHW line is

8a) Does any portion of the project extend **below** the OHW or MHW of the stream or waterbody?  
 Yes    No    Not sure where OHW or MHW line is

8b) Will a structure (e.g., culvert, bridge support, dike) be placed below OHW, MHW, or High Tide Line (HTL) of the waterbody?  
 Yes    No

9) Will material be extracted or dredged from

- Floodplain of a river, lake, or ocean
- Tidal or non-tidal waters

If you checked one of the above boxes, what type of material? n/a  
What amount of material? n/a  
Where will the material be deposited? n/a

10) Will material (including spoils, debris or overburden) be deposited in a

- Mapped floodplain or velocity zone of a river, lake or ocean
- Tidal or non-tidal waters

If you checked one of the above boxes, is the fill temporary  or permanent ?  
If temporary, how long will it be in place? n/a

What type of material is it? dredged materials   Amount? approx. 300 cubic yards

Identify the location(s) of any deposited material on the attached top-view site plan drawing.

11) What is the surface area (in acres) that would be filled, excavated, or dredged of any waters, including areas below the HTL or MHW of tidal waters, below the OHW of non-tidal waters and/or wetlands adjacent to tidal or non-tidal waters? 0.22956 acres

12a) List all motorized equipment to be used in this project, including access route to site and any stream or waterbody crossings:

Dozer, loader, and crane will gain access from campground area. Crane barge will gain access from the Bay.

12b) How long will motorized equipment be used **below** OHW, MHW, or the HTL? approx. 7 days

13) Are there any threatened or endangered species that may be affected by the proposed work or that utilize the designated critical habitat that may be affected by the proposed work?  Yes    No   If yes, list all species:  
n/a

**Multi-Agency Permit Application – Page 4**

14) Are there any historic properties that may be affected by the proposed work?  Yes  No If yes, state which property or properties may be affected and/or attach a vicinity map including the location of the historic property or properties.  
n/a


15) Is any portion of the work already complete?  Yes  No If yes, describe the completed work:  
n/a

16) Will utility systems, including water, electric, gas, etc. be developed?  Yes  No If yes, describe:  
n/a

**Application Checklist**

- Are pages 1 through 4 completely filled out? If a question does not pertain to your activity, write 'N/A'
- Did you include a detailed project description?
- Did you complete the Top View & Elevation/Side View drawings? Be sure to review the instructions for site plans and make sure all relevant information is included.
- Did you include your permit fee (if applicable)? If your project is within State Park Boundaries or cantilevers over a State Park (which includes the Kenai River) a \$50 fee is required at the time of application. Make checks payable to 'State of Alaska.' If you are not certain if a fee is required, contact State Parks at the River Center at (907) 714-2470.
- Did you sign your application? If you have designated an agent to work the agencies on your behalf, they must also sign the application.

Application is hereby made for a permit or permits to authorize the work described in this application form. I certify the information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

X   
Signature of Applicant

1-20, 2012  
Date

If you designated an agent, both the applicant and agent must sign this application.

X \_\_\_\_\_  
Signature of Agent

\_\_\_\_\_  
Date


**Kenai River Center  
Multi-Agency Permit Application**

**#3 Project Questionnaire Continued**

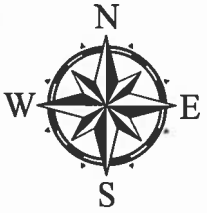
- E: This is a tidelands project. In the past, this location has been used as a beach landing/loading site for barges. No wetlands will be filled. The beach itself will be graduated for the ramp to allow easier access.
- F: A crane will be floated in over the site and pilings driven according to the engineer's design. The stern anchor system will also be set out from the barge using the same crane. Deadman bollards will be driven into place using a land-based crane with a pile driving attachment. An access ramp will be formed using a dozer and front-end loader.
- G: No water will be withdrawn from the Bay.
- H: No fuel storage will be required.
- I: Currently there is beach grass in the area of the proposed beach access ramp. This grass will be relocated (transplanted) either side of the ramp location to aid with beach stabilization.
- J: No material will be excavated during this project.

# Barge Moorage Facility

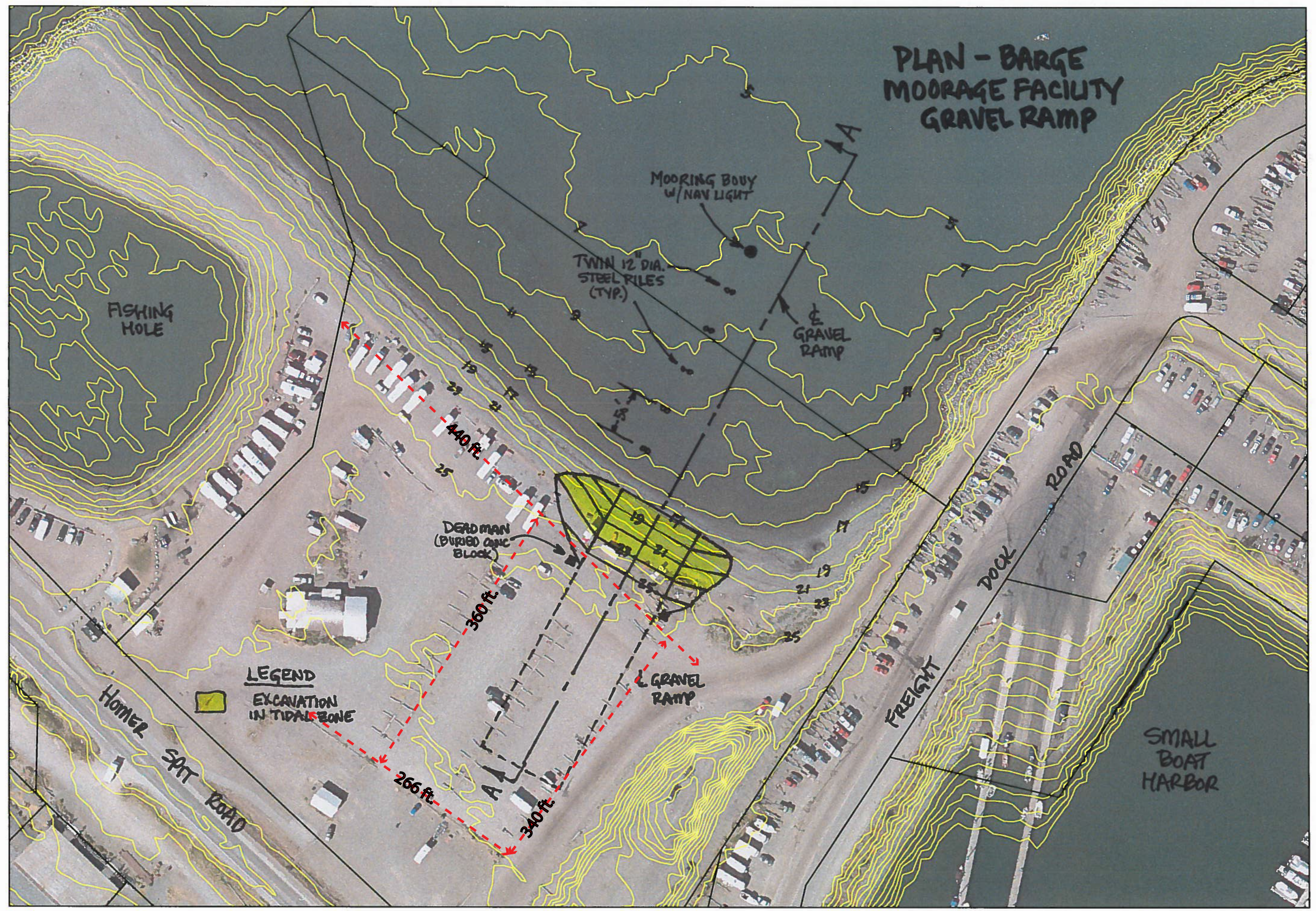
## Conceptual Design for Proposal

- ⊙ Deadman Bollards
- Pilings—spaced approximately 25 feet apart, 200 feet overall
- ⊙ Stern Anchor & Mooring Buoy
-  Beach Access Ramp—100 foot wide gravel ramp. Barges can access uplands for maintenance and repairs.





# PLAN - BARGE MOORAGE FACILITY GRAVEL RAMP



1 inch = 100 feet