

**Agency: Commerce, Community and Economic Development**  
**Grants to Unincorporated Communities (AS 37.05.317)**

**Grant Recipient: Pedro Bay**

**Federal Tax ID: 92-0074409**

**Project Title:**

**Project Type: New Construction and Land Acquisition**

# Pedro Bay - Construction of Road and Bridge for Landfill Access

**State Funding Requested: \$104,611**  
 One-Time Need

**House District: 36 / R**

## Brief Project Description:

Construct an approximate one (1) mile access road to Pedro Bay's new landfill site, including construction of a bridge crossing of Rushing Creek.

## Funding Plan:

Total Project Cost:	\$3,844,611
Funding Already Secured:	(\$0)
FY2012 State Funding Request:	(\$104,611)
Project Deficit:	\$3,740,000

### Funding Details:

*In FY 2010, \$240,000 Federal Funds were secured.*

*For FY 2011, \$2,500,000 Federal Funds were requested.*

*For FY 2011, \$1,000,000 Denali Commission Funds were requested.*

## Detailed Project Description and Justification:

The project is essentially "shovel-ready". The road and bridge are at 100% design, and all environmental and ROW work are complete. Pedro Bay has secured "finding of no significant impact" (FONSIs) from both the Bureau of Indian Affairs and the Indian Health Service. The project consists of an approximate 0.7 mile segment of road on the west side of Rushing Creek, the bridge crossing, and then an additional 0.3 miles of road (and the landfill site) on the east side of Rushing Creek.

### Project Justification:

Pedro Bay's existing landfill site is well beyond its capacity, and located within one-mile of the local airport. Pedro Bay has constructed a solid waste transfer facility at the existing dump site (100% complete to-date) to be operated in coordination with the new landfill site.

Road and bridge design reached 100% level in the fall of 2009, and estimates have been engineer-certified. Approximately \$600,000 has been expended to complete all design, environmental, and permitting work. Early stage construction (clear, grub, and preparation) is expected to commence in Spring 2011, once a "notice to proceed" is received from the Bureau of Indian Affairs (\$240,000). Phase 1 of road construction will commence in Summer of 2011 contingent on receipt of funding (2,000,000). Phase II of road and bridge construction to be completed during the 2012 work season (\$1,604,611).

**Project Timeline:**

Phase I of road construction to begin in the Summer of 2011, contingent on funding. Phase II of road and bridge construction to be completed during the 2012 work season, contingent on funding.

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

Pedro Bay Village Council

**Grant Recipient Contact Information:**

Name: John Baalke  
Title: Administrator  
Address: Pedro Bay Village Council, PO Box 47020  
Pedro Bay, Alaska 99647  
Phone Number: (907)850-2225  
Email: j.baalke@pedrobay.com

Has this project been through a public review process at the local level and is it a community priority?  Yes  No



FH# \_\_\_\_\_  
(Office Use Only)

GENERAL WATERWAY/WATERBODY APPLICATION  
ALASKA DEPARTMENT OF FISH AND GAME  
Division of Habitat  
Office Locations

**A. APPLICANT**

- Name: Pedro Bay Village Council
- Address (Mailing): Po Box 47020, Pedro Bay, AK 99647  
 Email Address: \_\_\_\_\_  
 Telephone: (907) 850-2225 Fax: \_\_\_\_\_
- Project Coordinator/Contractor:  
 Name: RODNEY P. KINNEY ASSOCIATES, INC.  
 Address: 16515 Centerfield Dr., Suite 101, Eagle River, AK 99577  
 Email Address: colinn@rpk.net  
 Telephone: 694-2332 Fax: 694-1807

**B. TYPE AND PURPOSE OF PROJECT:** New access road approx. 4,000 linear feet in length. Road alignment will require one crossing over Russian Creek. A 15 foot radius arch culvert will be used for the crossing.

**C. LOCATION OF PROJECT SITE**

- Name of River, Stream, or Lake: Russian Creek  
 or Anadromous Stream No: \_\_\_\_\_
- Legal Description: Township 5S Range 28W  
 Meridian Seward Section 5 USGS Quad Map Iliamna D-3
- Plans, Specifications, and Aerial Photograph. See specific instructions

D. **TIME FRAME FOR PROJECT:** May 1, 2010 TO Oct. 1, 2013 (mm/dd/yy)

E. **CONSTRUCTION METHODS:**

1. Will the stream be diverted?  Yes  No

How will the stream be diverted? \_\_\_\_\_

How long? \_\_\_\_\_

2. Will stream channelization occur?  Yes  No

3. Will the banks of the stream be altered or modified?  Yes  No

Describe: Concrete abutments and Rip Rap

4. List all tracked or wheeled equipment (type and size) that will be used in the stream (in the water, on ice, or in the floodplain): Excavator, Dozer, Compactor

How long will equipment be in the stream? \_\_\_\_\_

5. a. Will material be removed from the floodplain, bed, stream, or lake?  Yes  No

Type: Surface Organics

Amount: 2,625 ft<sup>2</sup>

b. Will material be removed from below the water table?  Yes  No

If so, to what depth? \_\_\_\_\_

Is a pumping operation planned?  Yes  No

6. Will material (including spoils, debris, or overburden) be deposited in the floodplain, stream, or lake?  Yes  No

If so, what type? Select Borrow/Shot Rock in Flood Plain

Amount: 4,600 Cubic Yards

Disposal site location(s): Existing Landfill and project site as feasible.

7. Will blasting be performed?  Yes  No

Weight of charges: \_\_\_\_\_

Type of substrate: \_\_\_\_\_

8. Will temporary fills in the stream or lake be required during construction (e.g., for construction traffic around construction site)?  Yes  No

9. Will ice bridges be required?  Yes  No

F. **SITE REHABILITATION/RESTORATION PLAN:** On a separate sheet present a site rehabilitation/restoration plan. See specific instructions

G. **WATERBODY CHARACTERISTICS:**

Width of stream: 15' - 20' Depth of stream or lake: 12" - 24"

Type of stream or lake bottom (e.g., sand, gravel, mud): Rock and gravel

Stream gradient: 2% at crossing

H. **HYDRAULIC EVALUATION:**

1. Will a structure (e.g., culvert, bridge support, dike) be placed below ordinary high water of the stream?  Yes  No

If yes, attach engineering drawings or a field sketch, as described in Step B.

For culverts, attach stream discharge data for a mean annual flood (Q=2.3), if available.

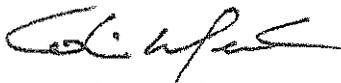
If applicable, describe potential for channel changes and/or increased bank erosion:

Rip rap will placed around abutments

2. Will more than 25,000 cubic yards of material be removed?  Yes  No

If yes, attach a written hydraulic evaluation including, at a minimum, the following: potential for channel changes, assessment of increased aufeis (glaciering) potential, assessment of potential for increased bank erosion.

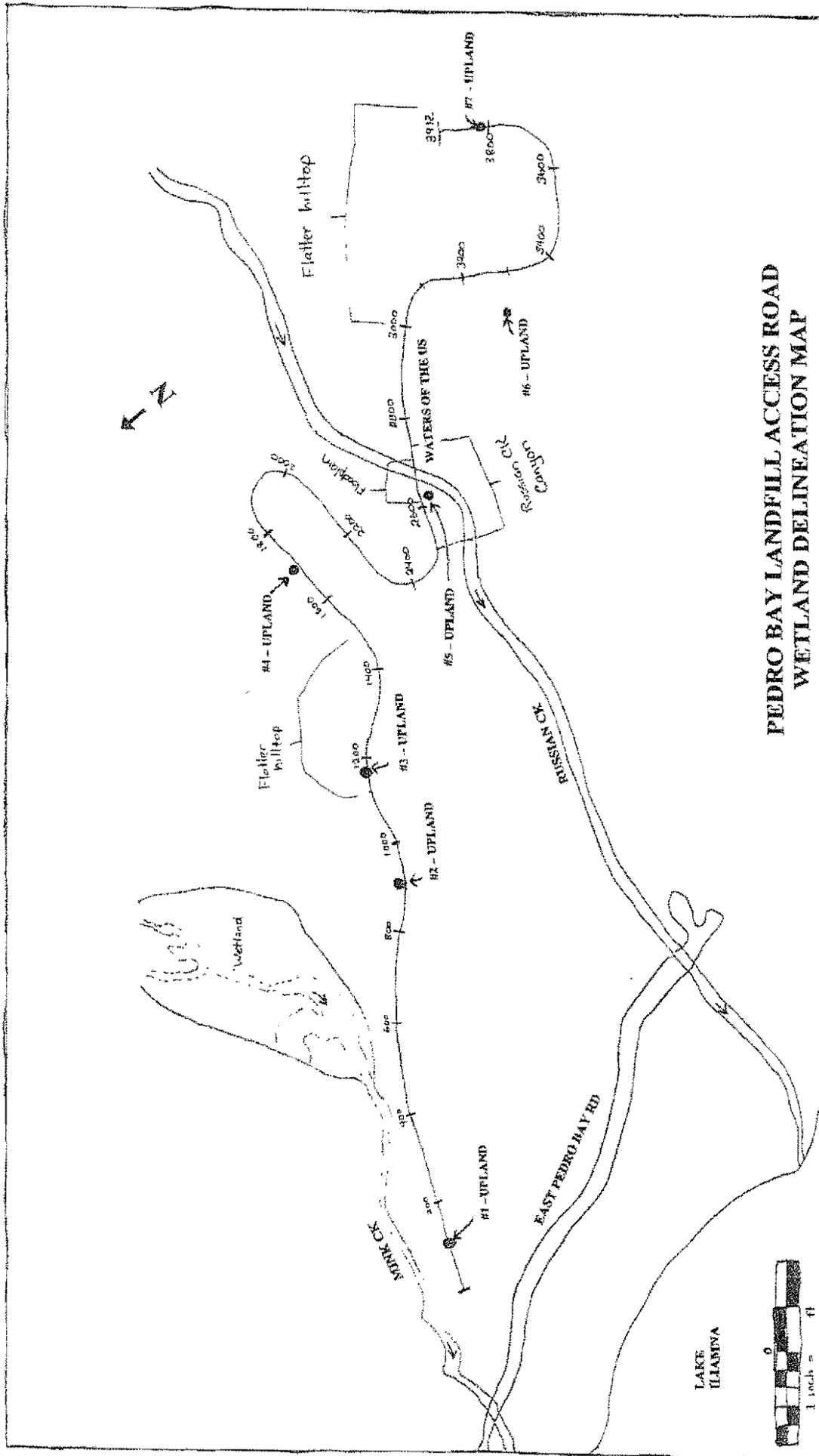
**I HEREBY CERTIFY THAT ALL INFORMATION PROVIDED ON OR IN CONNECTION WITH THIS APPLICATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.**



Signature of Applicant

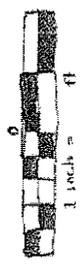
10/2/09

Date



**PEDRO BAY LANDFILL ACCESS ROAD  
WETLAND DELINEATION MAP**

LAKE  
ELIASINA



## Coastal Project Questionnaire and Certification Statement

The Coastal Project Questionnaire (CPQ) is a diagnostic tool that will identify the state and federal permit requirements for your project that are subject to a consistency review. You must answer all questions. If you answer "Yes" to any of the questions, please call that specific department for further instructions to avoid delay in processing your application. You can find an agency contact list online at <http://alaskacoast.state.ak.us/Contacts/PRCrecont.html>.

A complete project packet includes accurate maps and plan drawings at scales large enough to show details, copies of your state and federal permit applications, your answers to this questionnaire, and a complete consistency evaluation. DCOM will notify you within 21 days of receipt if the packet is incomplete and what information is still required.

For additional information or assistance, you may call or email the Juneau Project Review at (907) 465-2142, or the Anchorage Project Review at (907) 269-7478. This CPQ document contains numerous hyperlinks (underlined text that has a connection to an internet web page) and is best viewed on-line. Additional instructions are available at <http://www.alaskacoast.state.ak.us/Projects/pepq.html>

### ■ APPLICANT INFORMATION

1. Pedro Bay Village Council	2. Rodney P. Kinney Associates, Inc.
Name of Applicant	Agent (or responsible party if other than applicant)
P.O. Box 47020	16515 Centerfield Drive
Address	Address
Pedro Bay, Alaska 99647	Eagle River, Alaska 99577
City/State/Zip	City/State/Zip
(907) 850-2225	(907) 694-2332
Daytime Phone	Daytime Phone
850-2221	694-1807    colinm@rpka.net
Fax Number    E-mail Address	Fax Number    E-mail Address

### ■ PROJECT INFORMATION

1. This activity is a:  new project  modification or addition to an existing project Yes    No
2. If this is a modification or an addition, do you currently have any State, federal or local approvals for this activity?

*NOTE: Approval means any form of authorization. If "yes," please list below:*

Approval Type	Approval #	Issuance Date	Expiration Date

3. If this is a modification, was this original project reviewed for consistency with the Alaska Coastal Management Program?
- Previous ACMP I.D. Number: \_\_\_\_\_ (example: AK 0706-05AA or JD2004-0505JJ)
- Previous Project Name: \_\_\_\_\_ Previous Project Applicant: \_\_\_\_\_

### ■ PROJECT DESCRIPTION

**Attach** a complete and detailed narrative description of your new project or of your modification/addition including ALL associated facilities and changes to the current land or water use (if not already attached as part of an agency application). Clearly delineate the project boundaries and all property owners, including owners of adjacent land, on the site plan. The scale of the maps and plan drawings must be large enough to show pertinent details. Identify your proposed footprint or

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disturbed area. If this project is a modification to an approved project, identify existing facilities and proposed changes on the site plan.

Proposed starting date for project: 2010 Proposed ending date for project: 2013

**PROJECT LOCATION and LAND OWNERSHIP**

Yes No

4. Describe/identify the project location on a map (Including nearest community, the name of the nearest land feature or body of water, and other legal description such as a survey or lot number.)

Township 4S Range 28W Section 5 Meridian Seward

Latitude/Longitude 59 46 44 N / 154 05 16W (specify Decimal Degrees or Degrees, Minutes, Seconds)

USGS Quad Map liamna D-1

5. The project is located on:  State land or water\*  Federal land  Private land  Municipal land  
(Check all that apply)  Mental Health Trust land  University of Alaska land

Contact the applicable landowner(s) to obtain necessary authorization. State land ownership can be verified using Alaska Mapper. \*State land can be uplands, tidelands or submerged lands to 3 miles offshore.

6. Is the project within or associated with the Trans Alaska Pipeline corridor?  Yes  No

**COASTAL DISTRICT**

Yes No

7. Is the project located in a coastal district?  Yes  No

If yes, identify the applicable coastal district(s) Lake and Peninsula and contact them to ensure your project conforms with district policies and zoning requirements. Coastal districts are a municipality or borough, home rule or first class city, second class municipality with planning powers, or coastal resource service area. A coastal district is a participant in the State's consistency review process. Early interaction with the district can benefit you significantly; please contact the district representative listed on the contact list at <http://www.alaskacoast.state.ak.us/Contacts/PRCregcont.html>

**DEPARTMENT OF NATURAL RESOURCES (DNR) APPROVALS**

**DNR DIVISION OF MINING, LAND & WATER- LAND SECTION**

Yes No

1. Is the proposed project on State-owned land or water or will you need to cross State-owned land for access? (NOTE: State land includes the land below the ordinary high water line of navigable streams, rivers and lakes, and in marine waters, below the mean high tide line seaward for three miles. State land does not include Alaska Mental Health Trust Land or University of Alaska Land.)  Yes  No

2. If you answered yes to the question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity?  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- MATERIALS SECTION**

Yes No

3. Do you plan to dredge or otherwise excavate or remove materials such as rock, sand, gravel, peat, or overburden from any land regardless of ownership?  Yes  No

a) Location of excavation site if different than the project site: Borrow Source

Township 4S Range 28W Section 5 Meridian Sewa

4. At any one site (regardless of land ownership), do you plan any of the following?  Yes  No

Excavate five or more acres over a year's time

Excavate 50,000 cubic yards or more of materials (rock, sand, gravel, soil, peat, overburden, etc.) over a year's time

Have a cumulative, un-reclaimed, excavated area of five or more acres

5. Do you plan to place fill or excavated material on State-owned land?  Yes  No

a) Location of fill or material disposal site if different than the project site: \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Meridian \_\_\_\_\_

6. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining,

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Land and Water regional office for information.

- a) Name/date of Contact: Christina Nahorney, 9/18/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: Reclamation plan not required for pits established prior to 1991.

**DNR DIVISION OF MINING, LAND & WATER- MINING SECTION**

Yes No

7. Do you plan to mine for locatable minerals such as silver, gold, or copper? .....
8. Do you plan to explore for or extract coal? .....
9. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- WATER SECTION**

Yes No

10. Will this project or development divert, impound, withdraw, or use any fresh water (regardless of land ownership)?  
*(NOTE: If you know of other water users who withdraw from the same source or any potential conflicts affecting this use of water, contact the Water Section. If you are obtaining water exclusively from either an existing Public Water Supply or from a rainwater catchment system, you are not required to contact the DNR Water Section regional office.)* .....
- a) Check all points-of-withdrawal or water sources that apply:
- Public Water system (name): \_\_\_\_\_
  - Stream or Lake (name): Lake Iliamna
  - Well
  - Rain catchment system
  - Other: \_\_\_\_\_
- b) Intended use(s) of water: Compaction, Dust Control
- c) Amount (maximum daily, not average, in gallons per day): 2000
- d) Is the point of water withdrawal on property you own? .....
11. Do you plan to build or alter a dam (regardless of land ownership)? .....
12. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.
- a) Name/date of Contact: Mike Walton, 9/18/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF FORESTRY**

Yes No

13. Does your operation meet **both** of the following criteria on any land, regardless of ownership?
- a) The project will commercially harvest timber on 10 or more acres, or commercially harvest timber that intersects, encompasses, or borders on surface waters, **and**
- b) The project involves one or more of the following: site preparation, thinning, slash treatment, construction and maintenance of roads associated with a commercial timber harvest, or any other activity leading to or connected to a commercial timber harvest operation.....
14. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Forestry regional office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

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**DNR DIVISION OF OIL & GAS**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
|  | Yes                      | No                                  |
| 15. a) Will you be exploring for or producing oil and/or gas? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will you conduct surface use activities on/within an oil and gas lease or unit? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| If yes, please specify: _____  |                          |                                     |
| 16. Do you plan to drill a geothermal well (regardless of land ownership)? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>Division of Oil &amp; Gas</u> office for information. |                          |                                     |
| a) Name/date of Contact: _____   |                          |                                     |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____       |                          |                                     |
| Visit the <u>Division of Oil &amp; Gas website</u> for application forms and additional information.   |                          |                                     |

**DNR OFFICE OF HISTORY & ARCHAEOLOGY**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 18. Will you investigate, remove, or impact historical, archaeological or paleontological resources (anything over 50 years old) on State-owned land? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 19. If you answered yes to the question above, indicate the person you contacted at the <u>State Historic Preservation Office</u> for information.          |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |

**DNR DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 20. Is the proposed project located within a natural hazard area designated by a coastal district in the approved district plan? (Refer to the <u>district plan</u> or contact the <u>coastal district office</u> .) .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| a) If "yes", describe the measures you will take in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by the designated natural hazard(s) in the Natural Hazards portion of the attached Coastal Consistency Evaluation (11 AAC 112.210). |                          |                                     |
| 21. If you have contacted someone, please indicate the person you contacted at the <u>Coastal District</u> or the <u>State</u> for information. The <u>Division of Geological &amp; Geophysical Survey</u> may have additional information on hazards for the area.   |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |

**DNR DIVISION OF PARKS & OUTDOOR RECREATION**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 22. Is the proposed project located in a unit of the Alaska State Park System including navigable waters, tidelands or submerged lands to three miles offshore? .....     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 23. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>DNR Division of Parks &amp; Recreation</u> office for information. |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |
| b) Is an application required for the proposed activity? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____                    |                          |                                     |

**DNR APPROVALS**

List the Department of Natural Resources permits or authorizations required for your project below:

Types of project approvals or permits needed.	Date application submitted
Temporary Use of Water	10/5/2009

**■ DEPARTMENT OF FISH AND GAME (DFG) APPROVALS**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
|  | Yes                      | No                                  |
| 1. Is your project located in a designated State Game Refuge, Critical Habitat Area or State Game Sanctuary? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Does your project include construction/operation of a salmon hatchery? .....                                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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3. Does your project affect, or is it related to, a previously permitted salmon hatchery? .....
4. Does your project include construction of an aquatic farm? .....
5. Will you work in, remove water or material from, or place anything in, a stream, river or lake? (NOTE: This includes work or activities below the ordinary high water mark or on ice, in the active flood plain, on islands, in or on the face of the banks, or, for streams entering or flowing through tidelands, above the level of mean lower low tide. If the proposed project is located within a special flood hazard area, a municipal floodplain development permit may be required. Contact the affected city or borough planning department for additional information and a floodplain determination.) .....
- a) If yes, name of waterbody: Russian Creek
6. If you answered yes to any questions above, indicate the person you contacted at the appropriate Department of Fish and Game office for information. (For projects involving Hatcheries or Aquatic Farms, please contact the Division of Commercial Fisheries. Other projects should contact the Division of Habitat.)
- a) Name/date of Contact: Mike Daigneault, 9/17/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DFG APPROVALS**

List the Department of Fish and Game permits or authorizations required for your project below:

Types of project approvals or permits needed.	Date application submitted
Fish Habitat	10/02/2009

**■ DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) APPROVALS**

**DEC DIVISION OF WATER**

Yes No

- 1 a) Will a discharge of non-domestic wastewater to lands, waters, or the subsurface of the state occur? (NOTE: Non-domestic wastewater includes wastewater from commercial or industrial facilities, excavation projects, wastewater from man-made containers or containment areas, or any other non-domestic wastewater disposal activities see 18 AAC 72.990 for definitions.) .....
- b) Will a discharge of domestic wastewater or septage to lands, waters or the subsurface of the state occur? (see 18 AAC 72.990 for definitions.) .....
- c) Will the wastewater disposal activity require a mixing zone or zone of deposit to meet Water Quality Standards (WQS)? (Many disposal activities require a mixing zone to meet WQS, contact DEC if unsure.) .....
- d) Will the project include a stormwater collection/discharge system? .....
- e) Will the project include placing fill in wetlands? .....
- f) Is the surrounding area inundated with water at any time of the year? .....
- g) Do you intend to construct, install, modify or use any part of a domestic or non-domestic wastewater treatment or disposal system? .....
2. Does your project qualify for a general permit for wastewater? .....
3. If you answered yes to any questions above, indicate the person you contacted at the DEC-Division of Water for information.
- a) Name/date of Contact: Sean Palmer, 9/17/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

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**DEC DIVISION OF ENVIRONMENTAL HEALTH**

- |  | Yes                      | No                                  |
|--|--------------------------|-------------------------------------|
| 4 a) Will your project result in construction, modification, or operation of a facility for solid waste disposal? <i>(NOTE: Solid waste means drilling wastes, household garbage, refuse, sludge, construction or demolition wastes, industrial solid waste, asbestos, and other discarded, abandoned, or unwanted solid or semi-solid material, whether or not subject to decomposition, originating from any source. Disposal means placement of solid waste on land.)</i> ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will your project result in treatment of solid waste at the site? <i>(Examples of treatment methods include, but are not limited to: incineration, open burning, baling, and composting.)</i> .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Will your project result in storage or transfer of solid waste at the site? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Will the project result in storage of more than 50 tons of materials for reuse, recycling, or resource recovery? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Will any sewage solids or biosolids be disposed of or land-applied to the site? <i>(NOTE: Sewage solids include wastes that have been removed from a wastewater treatment plant system, such as a septic tank lagoon dredge, or wastewater treatment sludge that contain no free liquids. Biosolids are the solid, semi- solid or liquid residues produced during the treatment of domestic septage in a treatment works which are land applied for beneficial use.)</i> ..     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Will your project require application of oil, pesticides, and/or any other broadcast chemicals? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Does your project qualify for a general permit for solid waste? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. If you answered yes to any question above, indicate the person you contacted at the <u>DEC- Division of Environmental Health</u> for information.   |                          |                                     |
| a) Name/date of Contact: _____   |                          |                                     |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____   |                          |                                     |

**DEC DIVISION OF AIR QUALITY**

- |   | Yes                                 | No                                  |
|---|-------------------------------------|-------------------------------------|
| 8 a) Will you have an asphalt plant designed to process no less than five tons per hour of product? .....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Will you have a thermal remediation unit with a rated capacity of at least five tons per hours of untreated material? ..   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) Will you have a rock crusher with a rated capacity of at least five tons per hour? .....   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) Will you have one or more incinerators with a cumulative rated capacity of 1,000 pounds or more per hour? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| e) Will you have a coal preparation plant? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) Will you have a Port of Anchorage stationary source? .....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| g) Will you have a facility with the potential to emit no less than 100 tons per year of any regulated air contaminant?.....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| h) Will you have a facility with the potential to emit no less than 10 tons per year of any hazardous air contaminant or 25 tons per year of all hazardous air contaminants?.....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| i) Will you be constructing a new stationary source with a potential to emit greater than: .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> 15 tons per year (tpy) of PM-10  |                                     |                                     |
| <input type="checkbox"/> 40 tpy of nitrogen oxides  |                                     |                                     |
| <input type="checkbox"/> 40 tpy of sulfur dioxide   |                                     |                                     |
| <input type="checkbox"/> 0.6 tpy of lead; or  |                                     |                                     |
| <input type="checkbox"/> 100 tpy of CO within 10 km of a nonattainment area   |                                     |                                     |
| j) Will you be commencing construction, or <i>(if not already authorized under 18 AAC 50)</i> relocating a portable oil and gas operation? <i>(answer "yes" unless you will comply with an existing operating permit developed for the portable oil and gas operation at the permitted location; or you will operate as allowed under AS 46.14.275 without an operating permit)</i> ..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| k) Will you be commencing construction or <i>(if not already authorized under 18 AAC 50)</i> relocating an emission unit with a rated capacity of 10 million Btu or more per hour in a sulfur dioxide special protection area established under 18 AAC 50.025? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| l) Will you be commencing a physical change to or a change in the method of construction of an existing stationary source with a potential to emit an air pollutant greater than an amount listed in g) that will cause for that pollutant an emission increase (calculated at your discretion) as either an increase in potential to emit that is greater than:                          | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> 10 tpy of PM-10  |                                     |                                     |
| <input type="checkbox"/> 10 tpy of sulfur dioxide   |                                     |                                     |
| <input type="checkbox"/> 10 tpy of nitrogen oxides; or  |                                     |                                     |
| <input type="checkbox"/> 100 tpy of CO within 10 km of a nonattainment area; or   |                                     |                                     |
| actual emissions and a net emissions increase greater than:   |                                     |                                     |

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- 10 tpy of PM-10
- 10 tpy of sulfur dioxide
- 10 tpy of nitrogen oxides; or
- 100 tpy of CO within 10 km of a nonattainment area

- m) Will you be commencing construction or making a major modification of a Prevention of Significant Deterioration stationary source under 18 AAC 50.306? .....
- n) Will you be commencing construction or making a major modification of a nonattainment area major stationary source under 18 AAC 50.311? .....
- o) Will you be commencing construction or reconstructing a major stationary source under 18 AAC 50.316, for hazardous air pollutants? Definition of Regulated Air Pollutants can be found at <http://www.epa.gov/ttn/oarqa/t5/memoranda/rapdef.pdf> .....
9. If you answered yes to any questions above, indicate the person you contacted at the DEC- Division of Air Quality for information.
- a) Name/date of Contact: Sally Ryan, 9/20/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DEC DIVISION OF SPILL PREVENTION AND RESPONSE**

- 10 a) Will your project involve the operation of waterborne tank vessels or oil barges that carry crude or non crude oil as bulk cargo, or the transfer of oil or other petroleum products to or from such a vessel or a pipeline system? .....
- b) Will your project require or include onshore or offshore oil facilities with an effective aggregate storage capacity of greater than 5,000 barrels of crude oil or greater than 10,000 barrels of non-crude oil? .....
- c) Will you operate facilities on land or water for exploration or production of hydrocarbons? .....
11. If you answered yes to any questions above, indicate the person you contacted at the DEC-Division of Spill Prevention and Response office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is a plan required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed Oil Discharge Prevention & Contingency Plan to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DEC APPROVALS**

List the Department of Environmental Conservation permits or authorizations required for your project below:

Types of plan approvals or permits needed	Date application submitted
Stationary Source Identification Form	10/5/2009

**■ FEDERAL APPROVALS**

**U.S. ARMY CORPS OF ENGINEERS (USACE)**

1. Will you discharge dredged and/or fill material or perform dredging activities in waters of the U.S? Section 404 of the Clean Water Act requires that a Department of the Army permit be obtained for the placement or discharge of dredged and/or fill material into waters of the U.S., including wetlands (33 U.S.C. 1344). (Your application to the USACE would also serve as application for DEC Water Quality Certification.) .....
2. Will you place fill or structures or perform work in waters of the U.S? Section 10 of the Rivers and Harbors Act of 1899 requires that a Department of the Army permit be obtained for structures or work in or affecting navigable waters of the U.S. (33 U.S.C. 403) (Waters of the U.S. include marine waters subject to the ebb and flow of the tide, rivers, streams, lakes tributaries, and wetlands. If you are not certain whether your proposed project is located within a wetland, contact the USACE Regulatory Division to request a wetlands determination. For additional information about the Regulatory Program, visit [www.poa.usace.army.mil/reg](http://www.poa.usace.army.mil/reg)) .....

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3. If you answered yes to the question above, indicate the person you contacted at the US Army Corps of Engineers for information.

a) Name/date of Contact: Leslie Towes, 9/25/09

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**BUREAU OF LAND MANAGEMENT (BLM)**

Yes No

4. Is the proposed project located on BLM land, or will you need to cross BLM land for access? .....  Yes  No

5. If you answered yes to the question above, indicate the person you contacted at the Bureau of Land Management for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. COAST GUARD (USCG)**

Yes No

6 a) Do you plan to construct a bridge or causeway over tidal (ocean) waters, or navigable rivers, streams or lakes? .....  Yes  No

b) Does your project involve building an access to an island? .....  Yes  No

c) Do you plan to site, construct, or operate a deepwater port? .....  Yes  No

7. If you answered yes to any question above, indicate the person you contacted at the appropriate US Coast Guard office for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)**

Yes No

8 a) Will the proposed project have a discharge to any waters? .....  Yes  No

b) Will you dispose of sewage sludge? .....  Yes  No

c) Will construction of your project expose 1 or more acres of soil? (NOTE: This applies to the total amount of land disturbed, even if disturbance is distributed over more than one season, and also applies to areas that are part of a larger common plan of development or sale.) .....  Yes  No

d) Is your project an industrial facility that will have stormwater discharge directly related to manufacturing, processing, or raw materials storage areas at an industrial plant? If you answered yes to c) or d), your project may require an NPDES Stormwater permit .....  Yes  No

9. If you answered yes to any question above, indicate the person you contacted at the US Environmental Protection Agency for information.

a) Name/date of Contact: Grec Drziewieki, 9/18/09

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**FEDERAL AVIATION ADMINISTRATION (FAA)**

Yes No

10 a) Is your project located within five miles of any public airport? .....  Yes  No

b) Will you have a waste discharge that is likely to decay within 5,000 feet of any public airport? .....  Yes  No

11. If you answered yes to the question above, indicate the person you contacted at the Federal Aviation Administration for information.

a) Name/date of Contact: Robert Van Haastert, 9/17/09

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**FEDERAL ENERGY REGULATORY COMMISSION (FERC)**

Yes No

- 12 a) Does the project include any of the following: .....  Yes  No
- 1) a non-federal hydroelectric project on any navigable body of water
  - 2) locating a hydro project on federal land (including transmission lines)
  - 3) using surplus water from any federal government dam for a hydro project
- b) Does the project include construction and operation, or abandonment of interstate natural gas pipeline facilities under sections 7 (b) and (c) of the Natural Gas Act (NGA)? .....  Yes  No
- c) Does the project include construction and operation of natural gas or liquefied natural gas importation or exportation facilities under section 3 of the NGA? .....  Yes  No
- d) Does the project include construction for physical interconnection of electric transmission facilities under section 202 (b) of the FPA? .....  Yes  No
13. If you answered yes to any question above, indicate the person you contacted at the appropriate Federal Energy Regulatory Commission office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....  Yes  No
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. FOREST SERVICE (USFS)**

Yes No

- 14 a) Does the proposed project involve construction on USFS land? .....  Yes  No
- b) Does the proposed project involve the crossing of USFS land with a water line? .....  Yes  No
- c) The current list of Forest Service permits that require ACMP consistency review are online at [http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11\\_AAC\\_110.pdf](http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf) in Article 4, 11 AAC 110.400, pages 28-30. Does your proposed project include any of Forest Service authorizations found on pages 28-30 of the ACMP Handbook? .....  Yes  No
15. If you answered yes to any question above, indicate the person you contacted at United States Forest Service for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....  Yes  No
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. FISH AND WILDLIFE SERVICE (USFWS)**

Yes No

- 16 a) Is your proposed project on land managed by the USFWS? .....  Yes  No
- b) Does your project require a Right of Way from the USFWS under 50 C.F.R. 29 and 50 C.F.R 36? .....  Yes  No
17. If you answered yes to any question above, indicate the person you contacted at the US Fish and Wildlife Service for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....  Yes  No
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**OTHER FEDERAL AGENCY APPROVALS**

Yes No

- 18 a) Other Federal agencies with authorizations reviewable under the Alaska Coastal Management Program are posted online at [http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11\\_AAC\\_110.pdf](http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf) in Article 4, 11 AAC 110.400, pages 28-30. Does your proposed project include any of the Federal agency authorizations found on pages 28-30 of the ACMP Handbook? .....  Yes  No
- b) If yes, which federal authorizations? \_\_\_\_\_

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19. Have you applied for any other federal permits or authorizations? .....

Agency	Approval Type	Date Submitted

Note: The Coastal Project Questionnaire (CPQ) identifies state and federal permits subject to a consistency review. You may need additional permits from other agencies or the affected city and borough government to proceed with your activity. Attach the documentation requested under the Project Description.

**ACMP Consistency Evaluation & Certification Statement**

Pursuant to 11 AAC 110.215 (a)(1)(c), the applicant shall submit an evaluation of how the proposed project is consistent with the statewide standards at 11 AAC 112.200 - 11 AAC 112.990 and with the applicable district enforceable policies, sufficient to support the consistency certification. Evaluate your project against each section of the state standards and applicable district enforceable policies using the template below or by submitting a narrative description in letter or report form. District enforceable policies are available on the ACMP website at <http://www.alaskacoast.state.ak.us>. Definitions of key terms can be found at: 11 AAC 110.990, 11 AAC 112.990 and 11 AAC 114.990.

If you need more space for an adequate explanation of any of the applicable standards, please attach additional pages to the end of this document. Be sure to include references to the specific sections and subsections that you are evaluating.

**STATEWIDE STANDARDS**

**11 AAC 112.200. Coastal Development**

**Standard:**

- (a) In planning for and approving development in or adjacent to coastal waters, districts and state agencies shall manage coastal land and water uses in such a manner that those uses that are economically or physically dependent on a coastal location are given higher priority when compared to uses that do not economically or physically require a coastal location.
- (b) Districts and state agencies shall give, in the following order, priority to
  - (1) water-dependent uses and activities;
  - (2) water-related uses and activities; and
  - (3) uses and activities that are neither water-dependent nor water-related for which there is no practicable inland alternative to meet the public need for the use or activity.
- (c) The placement of structures and the discharge of dredged or fill material into coastal water must, at a minimum, comply with the standards contained in 33 CFR Parts 320 - 323, revised as of July 1, 2005.

**Evaluation:**

(a) How is your project economically or physically dependent on a coastal location? Why are you proposing to place the project at the selected location?  
Pedro Bay is located on the coast of Lake Iliamna and there is no feasible inland location to place this project.

(b) Evaluation of development priority.

- (1) How is the proposed project water-dependent? Explain.
- (2) How is the proposed project water-related? Explain.
- (3) If the proposed project is neither water-dependent nor water-related, please explain why there is not a practicable inland alternative that meets the public need for the use or activity. Explain.  
The project will require an arch culvert to cross Russian Creek.

(c) DCOM defers to the United States Corps of Engineers (USACE) to interpret compliance with the referenced standards. If you plan to discharge or fill waters of the US, have you applied to the Corps of Engineers for the appropriate authorization?

404 Permit has been submitted for wetland fill activities.

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**11 AAC 112.210. Natural hazard areas.**

**Standard:**

(a) In addition to those identified in 11 AAC 112.990, the department, or a district in a district plan, may designate other natural processes or adverse conditions that present a threat to life or property in the coastal area as natural hazards. Such designations must provide the scientific basis for designating the natural process or adverse condition as a natural hazard in the coastal area, along with supporting scientific evidence for the designation.

(b) Areas likely to be affected by the occurrence of a natural hazard may be designated as natural hazard areas by a state agency or, under 11 AAC 114.250(b), by a district.

(c) Development in a natural hazard area may not be found consistent unless the applicant has taken appropriate measures in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by known natural hazards.

(d) For purposes of (c) of this section, "appropriate measures in the siting, design, construction, and operation of the proposed activity" means those measures that, in the judgment of the coordinating agency, in consultation with the department's division of geological and geophysical surveys, the Department of Community and Economic Development as state coordinating agency for the National Flood Insurance Program under 44 C.F.R. 60.25, and other local and state agencies with expertise,

(1) satisfy relevant codes and safety standards; or

(2) in the absence of such codes and standards;

(A) the project plans are approved by an engineer who is registered in the state and has engineering experience concerning the specific natural hazard; or

(B) the level of risk presented by the design of the project is low and appropriately addressed by the project plans.

**Evaluation:**

(a) Describe the natural hazards designated in the district plan as they affect this site.

(b) Describe how the proposed project is designed to accommodate the designated hazards. How will you use site design and operate the proposed activity to protect public safety, services and the environment from potential damaged caused by known natural hazards?

Not located in a natural hazard area.

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(d)(1) Describe the measures you will take to meet relevant codes and safety standards in the siting, design, construction and operation of the proposed activity.

(d)(2)(A) If your project is located in an area without codes and safety standards, how is your project engineered for the specific natural hazard? Give the name of the appropriately qualified registered engineer who will approve the plans for protecting public safety, services, and the environment from damage caused by hazards OR

(d)(2)(B) If the level of risk presented by the design of the project is low, how do the project plans and project design address the potential natural hazard?

Project will designed using Federal Highway, State of Alaska and AASHTO standards.

Brian Pedersen, P.E. will certify the plans.

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**11 AAC 112.220. Coastal access.**

**Standard:**

Districts and state agencies shall ensure that projects maintain and, where appropriate, increase public access to, from, and along coastal water.

**Evaluation:**

Please explain how the proposed project will maintain and, where appropriate, increase public access to, from and along coastal water.

Road is being designed for land access. This project will not alter any current water access routes.

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**11 AAC 112.230. Energy facilities.**

**Standard:**

(a) The siting and approval of major energy facilities by districts and state agencies must be based, to the extent practicable, on the following standards:

(1) site facilities so as to minimize adverse environmental and social effects while satisfying industrial requirements;

(2) site facilities so as to be compatible with existing and subsequent adjacent uses and projected community needs;

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- (3) consolidate facilities;
  - (4) consider the concurrent use of facilities for public or economic reasons;
  - (5) cooperate with landowners, developers, and federal agencies in the development of facilities;
  - (6) select sites with sufficient acreage to allow for reasonable expansion of facilities;
  - (7) site facilities where existing infrastructure, including roads, docks, and airstrips, is capable of satisfying industrial requirements;
  - (8) select harbors and shipping routes with least exposure to reefs, shoals, drift ice, and other obstructions;
  - (9) encourage the use of vessel traffic control and collision avoidance systems;
  - (10) select sites where development will require minimal site clearing, dredging, and construction;
  - (11) site facilities so as to minimize the probability, along shipping routes, of spills or other forms of contamination that would affect fishing grounds, spawning grounds, and other biologically productive or vulnerable habitats, including marine mammal rookeries and hauling out grounds and waterfowl nesting areas;
  - (12) site facilities so that design and construction of those facilities and support infrastructures in coastal areas will allow for the free passage and movement of fish and wildlife with due consideration for historic migratory patterns;
  - (13) site facilities so that areas of particular scenic, recreational, environmental, or cultural value, identified in district plans, will be protected;
  - (14) site facilities in areas of least biological productivity, diversity, and vulnerability and where effluents and spills can be controlled or contained;
  - (15) site facilities where winds and air currents disperse airborne emissions that cannot be captured before escape into the atmosphere;
  - (16) site facilities so that associated vessel operations or activities will not result in overcrowded harbors or interfere with fishing operations and equipment.
- (b) The uses authorized by the issuance of state and federal leases, easements, contracts, rights-of-way, or permits for mineral and petroleum resource extraction are uses of state concern.

**Evaluation:**

(a) If this standard applies to your project, please describe in detail how the proposed project is designed to meet each applicable section of this standard:

- (1) Not Applicable
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_
- (6) \_\_\_\_\_
- (7) \_\_\_\_\_
- (8) \_\_\_\_\_
- (9) \_\_\_\_\_
- (10) \_\_\_\_\_
- (11) \_\_\_\_\_
- (12) \_\_\_\_\_
- (13) \_\_\_\_\_
- (14) \_\_\_\_\_
- (15) \_\_\_\_\_
- (16) \_\_\_\_\_

(b) List the authorizations for state and federal leases, easements, contracts, rights-of-way, water rights, or permits for mineral and petroleum resource extraction you have applied for or received.

Not Applicable

**11 AAC 112.240. Utility routes and facilities.**

**Standard:**

- (a) Utility routes and facilities must be sited inland from beaches and shorelines unless
  - (1) the route or facility is water-dependent or water related; or
  - (2) no practicable inland alternative exists to meet the public need for the route or facility.

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- (b) Utility routes and facilities along the coast must avoid, minimize, or mitigate
- (1) alterations in surface and ground water drainage patterns;
  - (2) disruption in known or reasonably foreseeable wildlife transit;
  - (3) blockage of existing or traditional access.

**Evaluation:**

(a) If the proposed utility route or facility is sited adjacent to beaches or shorelines, explain how the route or facility is water dependent water related or why no practical inland alternative exists.

N/A

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(b) If the proposed utility route or facility is sited along the coast, explain how you will avoid, minimize or mitigate:

- (1) alterations in surface and ground water drainage patterns;

N/A

---

- (2) disruption in known or reasonably foreseeable wildlife transit;

N/A

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- (3) blockage of existing or traditional access.

N/A

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**11 AAC 112.250. Timber harvest and processing.**

**Standard:**

AS 41.17 (Forest Resources and Practices Act) and the regulations adopted under that chapter with respect to the harvest and processing of timber are incorporated into the program and constitute the components of the program with respect to those purposes.

**Evaluation:**

Does your activity involve harvesting or processing of timber? Yes  No

If yes, please explain how your proposed project meets the standards of the State Forest Resources and Practices Act.

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**11 AAC 112.260. Sand and gravel extraction.**

**Standard:**

Sand and gravel may be extracted from coastal waters, intertidal areas, barrier islands, and spits if there is no practicable alternative to coastal extraction that will meet the public need for the sand or gravel.

**Evaluation:**

If your proposed project includes extracting sand or gravel from coastal waters, intertidal areas, barrier islands or spits, please explain why there is no practicable alternative to coastal extraction that meets the public need for sand or gravel.

N/A

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**11 AAC 112.270. Subsistence.**

**Standard:**

- (a) A project within a subsistence use area designated by the department or under 11 AAC 114.250(g) must avoid or minimize impacts to subsistence uses of coastal resources.
- (b) For a project within a subsistence use area designated under 11 AAC 114.250(g), the applicant shall submit an analysis or evaluation of reasonably foreseeable adverse impacts of the project on subsistence use as part of
  - (1) a consistency review packet submitted under 11 AAC 110.215; and
  - (2) a consistency evaluation under 15 C.F.R. 930.39, 15 C.F.R. 930.58, or 15 C.F.R. 930.76.
- (c) Repealed 10/29//2004, Register 172.

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(d) Except in nonsubsistence areas identified under AS 16.05.258, the department may, after consultation with the appropriate district, federally recognized Indian tribes, Native corporations, and other appropriate persons or groups, designate areas in which a subsistence use is an important use of coastal resources as demonstrated by local usage.

(e) For purposes of this section, "federally recognized Indian tribe," "local usage", and "Native corporation" have the meanings given in 11 AAC 114.990.

**Evaluation:**

(a) Is your proposed project located within a subsistence use area designated by a coastal district?

Yes \_\_\_\_\_ No

If yes, please describe how the proposed project is designed to "avoid or minimize impacts to subsistence uses of coastal resources:"

(b) If your project is located in a subsistence use area designated by the coastal district, provide an analysis or evaluation of its reasonably foreseeable adverse impacts to the subsistence uses.

(c) No response required.

(d) If your project is not located in a designated subsistence use area, please describe any subsistence uses of coastal resources within the project area. Please be advised that subsistence use areas may be designated by the department during a review.

Project is located on private property. There are no subsistence activities currently in the area.

(e) No response required.

**11 AAC 112.280. Transportation routes and facilities.**

**Standard:**

Transportation routes and facilities must avoid, minimize, or mitigate

- (1) alterations in surface and ground water drainage patterns;
- (2) disruption in known or reasonably foreseeable wildlife transit; and
- (3) blockage of existing or traditional access.

**Evaluation:**

If your proposed project includes transportation routes or facilities, describe how it avoids, minimizes, or mitigates

(1) alterations in surface and ground water drainage patterns;

An arch culvert will be used at the Russian Creek crossing. The arch culvert will not alter the current creek path. All other existing drainage patterns will remain.

(2) disruption in known or reasonably foreseeable wildlife transit; and

N/A

(3) blockage of existing or traditional access.

N/A

**11 AAC 112.300. Habitats.**

**Standard:**

(a) Habitats in the coastal area that are subject to the program are

- (1) offshore areas;
- (2) estuaries;
- (3) wetlands;

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- (4) tideflats;
  - (5) rocky islands and sea cliffs;
  - (6) barrier islands and lagoons;
  - (7) exposed high-energy coasts;
  - (8) rivers, streams, and lakes and the active floodplains and riparian management areas of those rivers, streams, and lakes; and
  - (9) important habitat.
- (b) The following standards apply to the management of the habitats identified in (a) of this section:
- (1) offshore areas must be managed to avoid, minimize, or mitigate significant adverse impacts to competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;
  - (2) estuaries must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) adequate water flow and natural water circulation patterns; and
    - (B) competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;
  - (3) wetlands must be managed to avoid, minimize, or mitigate significant adverse impacts to water flow and natural drainage patterns;
  - (4) tideflats must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) water flow and natural drainage patterns; and
    - (B) competing uses such as commercial, recreational, or subsistence uses, to the extent that those uses are determined to be in competition with the proposed use;
  - (5) rocky islands and sea cliffs must be managed to
    - (A) avoid, minimize, or mitigate significant adverse impacts to habitat used by coastal species; and
    - (B) avoid the introduction of competing or destructive species and predators;
  - (6) barrier islands and lagoons must be managed to avoid, minimize, or mitigate significant adverse impacts (A) to flows of sediments and water;
    - (B) from the alteration or redirection of wave energy or marine currents that would lead to the filling in of lagoons or the erosion of barrier islands; and
    - (C) from activities that would decrease the use of barrier islands by coastal species, including polar bears and nesting birds;
  - (7) exposed high-energy coasts must be managed to avoid, minimize, or mitigate significant adverse impacts
    - (A) to the mix and transport of sediments; and
    - (B) from redirection of transport processes and wave energy;
  - (8) rivers, streams, and lakes must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) natural water flow;
    - (B) active floodplains; and
    - (C) natural vegetation within riparian management areas; and
  - (9) important habitat
    - (A) designated under 11 AAC 114.250(h) must be managed for the special productivity of the habitat in accordance with district enforceable policies adopted under 11 AAC 114.270(g); or
    - (B) identified under (c)(1)(B) or
    - (C) of this section must be managed to avoid, minimize, or mitigate significant adverse impacts to the special productivity of the habitat.
- (c) For purposes of this section,
- (1) "important habitat" means habitats listed in (a)(1) – (8) of this section and other habitats in the coastal area that are
    - (A) designated under 11 AAC 114.250(h);
    - (B) identified by the department as a habitat
      - (i) the use of which has a direct and significant impact on coastal water; and
      - (ii) that is shown by written scientific evidence to be biologically and significantly productive; or
    - (C) identified as state game refuges, state game sanctuaries, state range areas, or fish and game critical habitat areas under AS 16.20;
  - (2) "riparian management area" means the area along or around a waterbody within the following distances, measured from the outermost extent of the ordinary high water mark of the waterbody:
    - (A) for the braided portions of a river or stream, 500 feet on either side of the waterbody;
    - (B) for split channel portions of a river or stream, 200 feet on either side of the waterbody;

State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management

(C) for single channel portions of a river or stream, 100 feet on either side of the waterbody;

(D) for a lake, 100 feet of the waterbody.

**Evaluation:**

(a) List the habitats from (a) above that are within your proposed project area or that could be affected by your proposed project.

Wetlands

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(b) Describe how the proposed project avoids, minimizes, or mitigates impacts to each of the identified habitat(s) in section (a) above.

Wetland fill will be placed only where necessary for new road construction.

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(c) No response required.

**11 AAC 112.310. Air, land and water quality**

**Standard:**

Notwithstanding any other provision of this chapter, the statutes and regulations of the Department of Environmental Conservation with respect to the protection of air, land, and water quality identified in AS 46.40.040(b) are incorporated into the program and, as administered by that department, constitute the exclusive components of the program with respect to those purposes.

**Evaluation:** No response required.

**11 AAC 112.320. Historic, prehistoric, and archeological resources.**

**Standard:**

(a) The department will designate areas of the coastal zone that are important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes.

(b) A project within an area designated under (a) of this section shall comply with the applicable requirements of AS 41.35.010 – 41.35.240 and 11 AAC 16.010 – 11 AAC 16.900.

**Evaluation:**

(a) Have you contacted the State Historic Preservation Office (SHPO) to see if your project is in a designated area of the coastal zone that is important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes?

There are no known sites according to the SHPO office near the project site.

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(b) If your project is within an area designated under (a) of this section, how will you comply with the applicable requirements in the statutes and regulations listed in (b)?

N/A

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State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management

**Affected Coastal District Enforceable Policies**

Evaluate each applicable district enforceable policy using a format similar to the one you completed above for the State Standards. District enforceable policies are available at <http://alaskacoast.state.ak.us/>. If you need more space for an adequate explanation of any of the applicable district enforceable policies, please attach additional pages to the end of this document.

Applicable District Plan(s) None

Enforceable Policy: \_\_\_\_\_

Evaluation: \_\_\_\_\_

Enforceable Policy: \_\_\_\_\_

Evaluation: \_\_\_\_\_

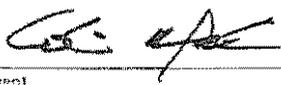
Enforceable Policy: \_\_\_\_\_

Evaluation: \_\_\_\_\_

**Certification Statement**

The information contained herein is true and complete to the best of my knowledge. I certify that the proposed activity complies with, and will be conducted in a manner consistent with, the Alaska Coastal Management Program.

Colin Meehan, P.E.  
Signature of Applicant or Agent



10/2/09  
Date

*Note:* Federal agencies conducting an activity that will affect the coastal zone are required to submit a federal consistency determination, per 15 CFR 930, Subpart C, rather than this certification statement. ACMP has developed a guide to assist federal agencies with this requirement. Contact ACMP to obtain a copy.

This certification statement will not be complete until all required State and federal authorization requests have been submitted to the appropriate agencies.

State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management

**Project Description:** Please provide or attach a brief description of your project including the planned work, any effects to coastal uses and resources and how your project is being designed to avoid, minimize and mitigate those effects.

New access road approximately 4,000 linear feet in length. Road alignment will require one crossing over Russian Creek. A 15 foot radius arch culvert will be used for the crossing. Construction will include clearing and grubbing of the proposed alignment; Placing fill material for road base; and installing arch culvert.

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**Project Area:** Please provide or attach a map of your project location and your proposed work. (Including nearest community, the name of the nearest land feature or body of water, and other legal description such as a survey or lot number.)

Nearest Community: Pedro Bay

Nearest Waterbody: Lake Iliamna

Legal Survey Description: Russian Creek Subd., Addn. No. 1, Lot 2

DIVISION OF MINING, LAND AND WATER  
 WATER RESOURCES SECTION

[www.dnr.state.ak.us/mlw/water/index.htm](http://www.dnr.state.ak.us/mlw/water/index.htm)



Anchorage Office 550 West 7 <sup>th</sup> Avenue, Suite 1020 Anchorage, AK 99501-3562 (907) 269-8600 Fax: (907) 269-8947	Juneau Office PO Box 111020 400 Willoughby Avenue Juneau, AK 99811-1020 (907) 465-3400 Fax: (907) 586-2954	Fairbanks Office 3700 Airport Way Fairbanks, AK 99709-4699 (907) 451-2790 Fax: (907) 451-2703	<i>For ADNR Use Only</i> <i>Date/Time Stamp</i>
<i>For ADNR Use Only</i> <i>TWUP #</i>	<i>For ADNR Use Only</i> <i>CID #</i>	<i>For ADNR Use Only</i> <i>Receipt Type</i> <i>WR</i>	

**APPLICATION FOR TEMPORARY USE OF WATER**

<b>INSTRUCTIONS</b>
<ol style="list-style-type: none"> <li>1. Complete one application for each project including up to five water sources (incomplete applications will not be accepted).</li> <li>2. Attach legible map that includes meridian, township, range, and section lines such as a USGS topographical quadrangle or subdivision plat. Indicate water withdrawal point(s), location(s) of water use, and point(s) of return flow or discharge (if applicable).</li> <li>3. Attach sketch, photos, plans of water system, or project description (if applicable).</li> <li>4. Attach driller's well log for drilled wells (if available).</li> <li>5. Attach copy of ADNR fish habitat permit (if applicable).</li> <li>6. Attach completed Coastal Project Questionnaire (if applicable - see page 4).</li> <li>7. Submit non-refundable fee (see page 4).</li> </ol>

<b>APPLICANT INFORMATION</b>			
Pedro bay Landfill Access Road			
Project Name			
Pedro Bay Village Council		Rodney P. Kinney Associates, Inc	
Organization Name (if applicable)		Agent or Consultant Name (if applicable)	
Individual Name (if applicable)		Individual Co-applicant Name (if applicable)	
16515 Centerfield Dr	Eagle River	AK	99577
Mailing Address	City	State	Zip Code
(907) 694-2332			
Daytime Phone Number		Alternate Phone Number (optional)	
(907) 694-1807		colinm@rpka.net	
Fax Number (if available)		E-Mail Address (optional)	

**PROPERTY DESCRIPTIONS**

**Location of Water Use**

Project Area (e.g. milepost range, place name, survey number)	Meridian	Township	Range	Section	Quarter Sections	
VILLAGE OF PEDRO BAY	SEWARD	5S	28W	5	¼	¼
					¼	¼

**Location of Water Source**

Geographic Name of Water Body or Well Depth	Meridian	Township	Range	Section	Quarter Sections	
LAKE ILIAMNA, SMOKEHOUSE BAY	SEWARD	5S	28W	5	¼	¼
					¼	¼
					¼	¼
					¼	¼
					¼	¼

**Location of Water Return Flow or Discharge (if applicable)**

Geographic Name of Water Body or Well Depth	Meridian	Township	Range	Section	Quarter Sections	
					¼	¼
					¼	¼

**METHOD OF TAKING WATER**

<b>Pump</b>	Pump Intake <u>UNKNOWN</u> Inches	Hours Working _____ Hours/Day
	Pump Output _____ GPM	Length of Pipe _____ Feet (from pump to point of use)
<b>Gravity</b>	Pipe Diameter _____ Inches	Length of Pipe _____ Feet (take point to point of use)
	Head _____ Feet	
<b>Ditch</b>	L _____ H _____ W _____ Feet	Diversion Rate _____ <input type="checkbox"/> GPM or <input type="checkbox"/> CFS
<b>Reservoir</b>	L _____ H _____ W _____ Feet	Water Storage _____ Acre-feet
<b>Dam</b>	L _____ H _____ W _____ Feet	Water Storage _____ Acre-feet

**AMOUNT OF WATER**

Purpose of Water Use	Quantity of Water			Season of Use	
	Maximum Withdrawal Rate	Total Daily Amount	Total Seasonal Amount	Date Work Will Start	Date Work Will be Completed
COMPACTION/DUST CONTROL	2000 GAL/WEEK	2000 GAL	24,000 GAL	JUNE 1, 2010	OCTOBER 31, 2011
Project Totals		2000 GAL/WEEK	24,000 GAL	Total years needed: 1 1/2 years	

**PROJECT DESCRIPTION**

What alternative water sources are available to your project should a portion of your requested diversion be excluded because of water shortage or public interest concerns?

NONE

Are there any surface water bodies or water wells at or near your site(s) that could be affected by the proposed activity? If yes, list any ground water monitoring programs going on at or near the sites, any water shortages or water quality problems in the area, and any information about the water table, if known.

NONE

Briefly describe the type and size of equipment used to withdraw and transport water, including the amount of water the equipment uses or holds.

PUMP WILL BE USED TO FILL TRUCKS TO DISPERSE WATER ALONG ACCESS ROAD DURING CONSTRUCTION FOR COMPACTION AND DUST CONTROL.

Briefly describe what changes at the project site and surrounding area will occur or are likely to occur because of construction or operation of your project (e.g. public access, streambed alteration, trenching, grading, excavation).

PUBLIC ACCESS WILL BE AVAILABLE TO NEW PROPOSED LANDFILL. EXCAVATION AND FILL WILL BE NEEDED BENEATH NEW ROAD ARCH CULVERT WILL BE PLACED FOR CROSSING RUSSIAN CREEK. EXISTING DRAINAGE WILL BE MAINTAINED THROUGHOUT SITE.

Briefly describe land use around the water take, use, and return flow points (e.g. national park, recreational site, residential).

REMOTE VILLAGE IS LOCATED NEAR PROJECT SITE. WATER WILL BE USED FOR COMPACTION AND DUST CONTROL. EXCESS WATER WILL INFILTRATE INTO VEGETATED AREAS SURROUNDING PROJECTS.

Will project be worked in phases? State reason for completion date.

CONSTRUCTION WILL BE DURING SUMMER AND ADDITIONAL TIME MAY BE USED IF WEATHER CONDITIONS ALLOW. EARTHWORK MAY NOT BE COMPLETED DURING FREEZING TEMPERATURES.

Briefly describe your entire project:

PROJECT INCLUDES AN ACCESS ROAD AND ARCH CULVERT TO PROPOSED LANDFILL SITE.

NEW ROAD AND ARCH CULVERT ARE DESIGNED TO FHWA, STATE OF ALASKA, AND AASHTO STANDARDS. THE ACCESS

ROAD IS APPROXIMATELY 0.74 MILES.

(Attach extra page if needed.)

11 AAC 93.220 sets out the required information on the application and authorizes the department to consider any other information needed to process an application for a temporary use of water. This information is made a part of the state public water records and becomes public information under AS 40.25.110 and 40.25.120. 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.

<b>SIGNATURE</b>	
The information presented in this application is true and correct to the best of my knowledge. I understand that no water right or priority is established per 11 AAC 93.210-220, that the water used remains subject to appropriation by others, and that a temporary water use authorization may be revoked if necessary to protect the water rights of other persons or the public interest.	
 <hr/> Signature COLIN MEEHAN <hr/> Name (please print)	10/2/09 <hr/> Date Project Engineer <hr/> Title (if applicable)

<b>REFERENCES</b>																														
<b>Measurement Units</b> GPD = gallons per day CFS = cubic feet per second GPM = gallons per minute AF = acre-feet AFY = acre-feet per year (325,851 gallons/year) AFD = acre-feet per day (325,851 gallons/day) MGD = million gallons per day																														
<b>Conversion Table</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><u>5,000 GPD=</u></td> <td style="text-align: center;"><u>30,000 GPD=</u></td> <td style="text-align: center;"><u>100,000 GPD=</u></td> <td style="text-align: center;"><u>500,000 GPD=</u></td> <td style="text-align: center;"><u>1,000,000 GPD=</u></td> </tr> <tr> <td>0.01 CFS</td> <td>0.05 CFS</td> <td>0.2 CFS</td> <td>0.8 CFS</td> <td>1.5 CFS</td> </tr> <tr> <td>3.47 GPM</td> <td>20.83 GPM</td> <td>69.4 GPM</td> <td>347.2 GPM</td> <td>694.4 GPM</td> </tr> <tr> <td>5.60 AFY</td> <td>33.60 AFY</td> <td>112.0 AFY</td> <td>560.1 AFY</td> <td>1120.1 AFY</td> </tr> <tr> <td>0.2 AFD</td> <td>0.09 AFD</td> <td>0.3 AFD</td> <td>1.5 AFD</td> <td>3.1 AFD</td> </tr> <tr> <td>0.01 MGD</td> <td>0.03 MGD</td> <td>0.1 MGD</td> <td>0.5 MGD</td> <td>1.0 MGD</td> </tr> </table>	<u>5,000 GPD=</u>	<u>30,000 GPD=</u>	<u>100,000 GPD=</u>	<u>500,000 GPD=</u>	<u>1,000,000 GPD=</u>	0.01 CFS	0.05 CFS	0.2 CFS	0.8 CFS	1.5 CFS	3.47 GPM	20.83 GPM	69.4 GPM	347.2 GPM	694.4 GPM	5.60 AFY	33.60 AFY	112.0 AFY	560.1 AFY	1120.1 AFY	0.2 AFD	0.09 AFD	0.3 AFD	1.5 AFD	3.1 AFD	0.01 MGD	0.03 MGD	0.1 MGD	0.5 MGD	1.0 MGD
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<b>Fee required by regulation 11 AAC 05.010(a)(8)</b> <ul style="list-style-type: none"> <li>• \$350 for all uses of water from up to five water sources</li> </ul> Make checks payable to "Department of Natural Resources".																														
<b>Coastal Zone</b> If this appropriation is within the Coastal Zone, and you are planning to use more than 1,000 GPD from a surface water source or 5,000 GPD from a subsurface water source, you need to submit a completed Coastal Project Questionnaire with this application. For more information on the Coastal Zone, contact the Office of Project Management and Permitting; Anchorage 269-7470, Juneau 465-3562, <a href="http://www.dnr.state.ak.us/acmp/">www.dnr.state.ak.us/acmp/</a> .																														

**U.S. Army Corps of Engineers, Alaska District**  
**PRECONSTRUCTION NOTIFICATION FORM**

May be used instead of Form ENG 4345 to request authorization under a Nationwide Permit (NWP)

<b>Applicant:</b> Pedro Bay Village Council	Phone: (907) 850-2225
<b>Address:</b> PO Box 47020	Fax:
<b>City, State, Zip:</b> Pedro Bay, Alaska 99647	Cell/Direct Line:
<b>Point of Contact:</b> John Baalke	e-mail: jbmosaic@hotmail.com

<b>Agent:</b> Rodney P. Kinney Associates, inc.	Phone: (907) 694-2332
<b>Address:</b> 16515 Centerfield Drive, Suite 101	Fax: (907) 694-1807
<b>City, State, Zip:</b> Eagle River, Alaska 99577	Cell/Direct Line:
<b>Point of Contact:</b> Colin Meehan, P.E.	e-mail: colinm@rpka.net

**Location of the Proposed Project Site:**

<b>Nearest Waterway:</b> Russian Creek	
<b>Section, Township, Range, and Meridian:</b> Seward Meridian, T5S, R28W, Sec. 5	
<b>Latitude and Longitude (Decimal Degrees, NAD-83):</b> 59.7803, -154.0857	
<b>Nearest City:</b> Pedro Bay	<b>Subdivision:</b> Russian Creek Subd.
<b>Borough:</b> Lake and Peninsula	<b>USGS Quad(s):</b> Iliamna D-3
<b>Driving Directions to Site:</b> One mile south of town on Pedro Bay Road	

**Project Description:**

<p>To ensure your project meets the requirements for a NWP, read all of the NWP General Conditions and Regional Conditions, which can be found on our website at <a href="http://www.poa.usace.army.mil/reg/NWPs.htm">http://www.poa.usace.army.mil/reg/NWPs.htm</a>.</p>
<p>Description of the proposed project, including the area of impacts and the volume of fill material to be used (If there is a NWP that you think would apply to your proposed project, please include that in this section):</p> <p>New access road approximately 4,000 linear feet in length. Road alignment will require one crossing over Russian Creek. A 15 foot radius arch culvert will be used for the crossing. Construction will include clearing and grubbing of the proposed alignment; placing fill material for the road base; and installing an arch culvert. Approximately 15 feet of fill will be placed over the arch culvert to the finish elevation of the access road. Russian Creek will not be diverted during or after construction of the culvert. Creek banks in the area of the culvert will be constructed using rip rap around culvert foundations.</p> <p>The wetland determination POA-1998-691, Russian Creek, states there are no wetlands within the project limits.</p>
<p><b>Project purpose:</b></p> <p>The new road and arch culvert will provide access to a future village landfill site.</p>
<p><b>Describe any direct and/or indirect adverse environmental effects that may result from the proposed project:</b></p> <p>Clearing and grubbing of all organic material will be completed under the road section. The area of clearing varies depending on the depth of fill from existing grades.</p>

Do you intend to use any other authorizations for any part of the proposed project or any related activity, for example, a NWP, General Permit (GP), or Individual Permit (IP)?

NO

If YES, specify what permit type (NWP, GP, IP) and for what aspect of the project:

Will your proposed project result in the loss of greater than 1/10 of an acre of wetlands?

NO

If YES, describe how you will satisfy the mitigation requirement in Nationwide Permit General Condition 20 (attached). If additional space is needed, please attach sheets.

Are there any threatened or endangered species that may be affected by the proposed work or utilize the designated critical habitat that may be affected by the proposed work? Contact USFWS or NMFS...

NO

If YES, list all species:

Are there any historic properties that may be affected by the proposed work? Contact SHPO...

NO

If YES, state which property or properties may be affected and/or attach a vicinity map indicating the location of the historic property or properties.

Will the proposed work involve ground disturbing activities?

YES

If YES, attach a short narrative describing the topsoil or organic materials (including seed) that you intend to use for rehabilitation. If you intend to use other locally-obtained native materials, identify the source.

Attach the following in addition to the above applicable items:

- Drawings of the site and project plans (For more information on acceptable drawings and plans, please visit our website at <http://www.poa.usace.army.mil/reg/permitapp.htm> and click on "Guide to Drawings")
- Delineation of special aquatic sites including wetlands, riffle and pool complexes, sanctuaries and refuges, mudflats, vegetated shallows, and/or coral reefs. You may request a delineation from the Corps. Please visit our website for the Request Jurisdictional Determination from the Corps Form at <http://www.poa.usace.army.mil/reg/JD%20Request%20Form%20Web.pdf>.

Note: If you request a Corps delineation, you may be delayed in receiving authorization for your proposed project.

Application is hereby made for a permit or permits to authorize the work described in this preconstruction notification form. I certify the information in this preconstruction notification form 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.

\_\_\_\_\_  
SIGNATURE OF APPLICANT

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF AGENT

\_\_\_\_\_  
DATE

## NATIONWIDE PERMIT GENERAL CONDITION 20: MITIGATION

The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that adverse effects on the aquatic environment are minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating) will be required to the extent necessary to ensure that the adverse effects to the aquatic environment are minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10 acre and require pre-construction notification, unless the district engineer determines in writing that some other form of mitigation would be more environmentally appropriate and provides a project-specific waiver of this requirement. For wetland losses of 1/10 acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in minimal adverse effects on the aquatic environment. Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, wetland restoration should be the first compensatory mitigation option considered.

(d) For losses of streams or other open waters that require pre-construction notification, the district engineer may require compensatory mitigation, such as stream restoration, to ensure that the activity results in minimal adverse effects on the aquatic environment.

(e) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWP. For example, if an NWP has an acreage limit of 1/2 acre, it cannot be used to authorize any project resulting in the loss of greater than 1/2 acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that a project already meeting the established acreage limits also satisfies the minimal impact requirement associated with the NWP.

(f) Compensatory mitigation plans for projects in or near streams or other open waters will normally include a requirement for the establishment, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, riparian areas may be the only compensatory mitigation required. Riparian areas should consist of native species. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(g) Permittees may propose the use of mitigation banks, in-lieu fee arrangements or separate activity-specific compensatory mitigation. In all cases, the mitigation provisions will specify the party responsible for accomplishing and/or complying with the mitigation plan.

(h) Where certain functions and services of waters of the United States are permanently adversely affected, such as the conversion of a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse effects of the project to the minimal level.

Alaska Department of Environmental Conservation  
Air Quality Minor Permit Application

ADEC USE ONLY

Receiving Date:  
ADEC Control Number  
AQ MSS :



STATIONARY SOURCE IDENTIFICATION FORM

Section 1 Stationary Source Information

Stationary Source Name: Pedro Bay Landfill Access Road			SIC:		
Project Name (if different):		Stationary Source Contact: John Baalke			
Source Physical Address:		City: Pedro Bay	State: AK	Zip: 99647	
		Telephone #: (907) 850-225			
		E-Mail Address: jbmosaic@hotmail.com			
UTM Coordinates (m) or Latitude/Longitude:		Northing:	Easting:	Zone:	
		Latitude: 59.7803	Longitude: -154.0857		

Section 2 Legal Owner

Name: Pedro Bay Village Council		
Mailing Address: PO Box 47020		
City: Pedro Bay	State: AK	Zip: 99647
Telephone #: (907) 850-2225		
E-Mail Address: jbmosaic@hotmail.com		

Section 3 Operator (if different from owner)

Name:		
Mailing Address:		
City:	State:	Zip:
Telephone #:		
E-Mail Address:		

Section 4 Designated Agent (for service of process)

Name: Colin Meehan, Rodney P. Kinney Associates, Inc.		
Mailing Address: 16515 Centerfield Drive, Suite 101		
City: Eagle River	State: AK	Zip: 99577
Physical Address: Same		
City:	State:	Zip:
Telephone #: (907) 694-2332		
E-Mail Address: colinm@rpka.net		

Section 5 Billing Contact Person (if different from owner)

Name:		
Mailing Address:		
City:	State:	Zip:
Telephone #:		
E-Mail Address:		

Section 6 Application Contact

Name: Colin Meehan		
Mailing Address: 16515 Centerfield Drive, Suite 101		
City: Eagle River	State: AK	Zip: 99577
Telephone #: (907) 694-2332		
E-Mail Address: colinm@rpka.net		

Section 7 Desired Process Method (Check only one -- see 18 AAC 50.542(a) for process descriptions and restrictions)

Fast Track [18 AAC 50.542(b)]  Public Comment [18 AAC 50.542(d)]

**STATIONARY SOURCE IDENTIFICATION FORM**

**Section 8 Project Description**

Provide/attach a short narrative describing the project. Discuss the purpose for conducting this project, what emission units/activities will be added/modified under this project (i.e., project scope), and the project timeline. If the project is a modification to an existing stationary source, describe how this project will affect the existing process. Include any other discussion that may assist the Department in understanding your project or processing your application. Include a schedule of construction and the desired date for permit issuance.

If this application includes an Owner Requested Limit or a request to revise an existing permit term or condition, describe the intent of the limit, and provide sample language for the limit, and for monitoring, record keeping, and reporting for showing compliance with the limit.

*Add additional pages if necessary.*

A new access road is to be constructed providing access to a future landfill site. The road will require structural backfill material to be placed as road foundation. The local borrow source for the village is located near the airport and is used for all construction project throughout the village. It is anticipated a rock crusher will be used to process the needed fill material for the road. It will be the responsibility of the contractor to mobilize and operate the rock crusher for this project. It is not known at this time who the contractor will be, or what type of crusher will be used. It is estimated the rock crusher will have the capability of producing a minimum of five tons per hour. Construction is anticipated to begin in the summer of 2010 and be complete the summer of 2013.

## STATIONARY SOURCE IDENTIFICATION FORM

### Section 9 Source Classification(s) (Check all that apply)

[18 AAC 50.502(b)]

- Asphalt Plant [ $\geq 5$  ton per hour]  
 Thermal Soil Remediation Unit [ $\geq 5$  ton per hour]  
 Rock Crusher [ $\geq 5$  ton per hour]  
 Incinerator(s) [total rated capacity  $\geq 1000$  lb/hour]  
 Coal preparation plant  
 Port of Anchorage Facility

If you checked any of the above, is (are) the emission unit(s)  new,  relocated\*, or  existing?

[18 AAC 50.502(c)(1)]

New or relocated\* stationary source with potential emissions greater than:

- 40 tons per year (TPY) NO<sub>x</sub>  
 40 tons per year SO<sub>2</sub>  
 15 tons per year PM-10  
 0.6 tons per year lead  
 100 tons per year CO in a nonattainment area

[18 AAC 50.502(c)(2)]

Construction or relocation\* of a:

- Portable oil and gas operation  
 10 MMBtu/hr fuel burning equipment in a SO<sub>2</sub> special protection area

\*Relocation does NOT include moving equipment from one place to another within your current stationary source boundary.

### Section 10 Modification Classification(s) (Check all that apply)

[18 AAC 50.502(c)(3)]

- NO<sub>x</sub> Increase > 10 TPY [and existing PTE > 40 tons per year]  
 SO<sub>2</sub> Increase > 10 TPY [and existing PTE > 40 tons per year]  
 PM-10 Increase > 10 TPY [and existing PTE > 15 tons per year]  
 CO Increase > 100 TPY [and existing PTE > 100 tons per year in a nonattainment area]

Basis for calculating modification:

- Projected actual emissions - baseline actual emissions  
 New potential emissions - existing potential emissions

### Section 11 Permit Action Request (Check all that apply)

[18 AAC 50.508]

- Clean Unit designation (vacated by Court)  
 Pollution Control Project designation (vacated by Court)  
 Establish Plantwide Applicability Limitation  
 Establish emission reductions to offset nonattainment pollutant  
 Owner Requested Limit\*  
 Revise or Rescind Title I Permit Conditions\*

Permit Number:      Date:      Condition #:

\*Which to use? See <http://www.dec.state.ak.us/air/ap/docs/orlrtc.pdf>

### Section 12 Existing Permits and Limits

For an existing stationary source, do you have an existing: (Check any that apply)

- Air quality permit      Number(s)\*:  
 Owner Requested Limit      Number(s):  
 Pre Approved (Emission) Limit      Number(s)\*\*:

\* All valid construction, Title V, and minor permit numbers.

\*\*Optional. Please provide this number if possible.

See <http://www.state.ak.us/dec/air/ap/pals.htm>

### Section 13 Other Application Material

The information listed below must be included in your air quality control minor permit application. Note: These must be attached in order for your application to be complete.

If required to submit an analysis of ambient air quality under 18 AAC 50.540(c)(2), or if otherwise requested by the department:

- Attached are maps, plans, and/or aerial photographs as necessary to show the locations and distances of
- emissions units, buildings, emitting activities and boundaries of the associated with the stationary source, and
  - nearby or adjacent residences, roads, other occupied structures and general topography within 15 kilometers.
- (Indicate compass direction and scale on each.)

- Attached is a document (eg., spreadsheet) showing coordinates and elevations of each modeled unit, along with parameters necessary to characterize each unit for dispersion modeling.

- Attached is an electronic copy of all modeling files.

If located within an approved coastal district:

- Attached is a completed Coastal Project Questionnaire (CPQ) for the stationary source

**STATIONARY SOURCE IDENTIFICATION FORM**

**Section 14 Certification**

This certification applies to the Air Quality Control Minor Permit Application for the Pedro Bay Landfill Access Road submitted to the department on: \_\_\_\_\_ (Stationary Source Name)

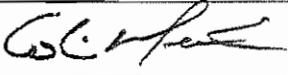
**Type of Application**

- Initial Application
- Change to Initial Application

The application is **NOT** complete unless the certification of truth, accuracy, and completeness on this form bears the **signature of a responsible official** of the firm making the application. (18 AAC 50.205)

**CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS**

“Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.”

Signature: 	Date: 10/2/09
Printed Name: Colin Meehan, P.E.	Title: Project Engineer

**Section 15 Attachments**

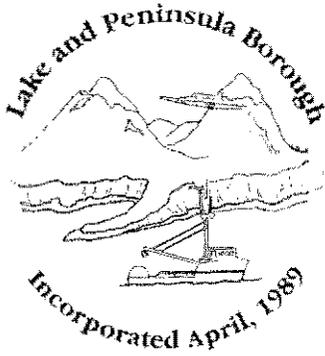
Attachments Included. List attachments: Material Site Figure  
Wetland Delineation Map  
CPO

**Section 16 Mailing Address**

Submit the minor permit application to the Construction Permit Supervisor in the department's Juneau office. Submitting to a different office will delay processing. The mailing address and phone number for the Juneau office is:

ADEC, Air Permits Program  
410 Willoughby Ave., Suite 303  
P.O. Box 111800  
Juneau, AK 99811-1800

(907) 465-5100



**Lake and Peninsula Borough**

P.O. Box 495  
King Salmon, Alaska 99613

Telephone: (907) 246-3421  
Fax: (907) 246-6602



**Development Permit Request**

**Required Applicant Information:**

1. **Property Owner/Applicant:** Pedro Bay Village Council  
Mailing Address: Po Box 47020, Pedro Bay, AK 99647  
Phone: (907) 850-2225 FAX \_\_\_\_\_

2. **Legal Description:** Subdivision Name/USS Survey #: Russian Creek  
Subdivision, Addition No. 1  
Lot # 2 Block # \_\_\_\_\_  
Nearest Community Property is located to: Pedro Bay  
Street Address or Road Name, Property is located on: Pedro Bay Road

3. **Description of Proposed Project:** New access road approximately  
4,000 linear feet in length. Road alignment will  
require one crossing over Russian Creek. A 15 foot  
radius arch culvert will be used for the crossing.  
Construction will include clearing and grubbing of  
the proposed alignment; placing fill material for  
the road base; and installing an arch culvert.

4. Provide drawings of proposed actions i.e. proposed road to be built, proposed dock, proposed building site, or proposed runway improvement, or proposed construction site of building, etc. Drawings may be hand drawn but must be legible.

5. Provide a copy of the approved Plat or US Survey as attachment or aerial photography using borough community profile mapping available at: [www.lakeandpen.com](http://www.lakeandpen.com)
6. Approximate square footage to be excavated or disturbance of topsoil: 270,500 ft<sup>2</sup>
7. Approximate yards of fill: Subbase = 8500 yd<sup>3</sup> Type fill Subbase, Grading B; Surface Course Surface Course  
Surface Course = 890 yd<sup>3</sup> Grade E  
 Purpose of fill: Road Subbase and Surface Course
8. Is project (check appropriate blocks) Archeological Survey  Commercial Use   
 Industrial Use  Resource Extraction  Private Home  Other
9. Is project within 100 feet of an anadromous stream? Yes  No
10. Is project below mean high water or will it cross a stream or wetlands? Yes  No   
 Please Explain: Russian Creek arch culvert will be placed over a stream and fill will placed in wetland adjacent to Russian Creek
11. Reclamation Plans Attached: Yes  No  Not required
12. All other Permits Approved: Yes  No  Explain: (attach other permits)  
All other permits have been submitted but not yet approved as of 10/2/09

I affirm that the above information and all attachments are true to the best of my knowledge.

 10/2/09  
 Signature of Property Owner or Authorized Agent Date

 10/4/09  
 Received By Date

Application fee is \$100 to be paid at time application submitted. Please make check payable to Lake and Peninsula Borough, PO Box 495, King Salmon, AK 99613. (Note: Cities and Village/Tribal Councils are not charged this application fee).

Paid By: Check \_\_\_\_\_ Number \_\_\_\_\_

Approved By \_\_\_\_\_ Date \_\_\_\_\_



FH# \_\_\_\_\_  
(Office Use Only)

GENERAL WATERWAY/WATERBODY APPLICATION  
ALASKA DEPARTMENT OF FISH AND GAME  
Division of Habitat  
Office Locations

**A. APPLICANT**

1. Name: Pedro Bay Village Council
2. Address (Mailing): Po Box 47020, Pedro Bay, AK 99647  
 Email Address: \_\_\_\_\_  
 Telephone: (907) 850-2225 Fax: \_\_\_\_\_
3. Project Coordinator/Contractor:  
 Name: RODNEY P. KINNEY ASSOCIATES, INC.  
 Address: 16515 Centerfield Dr., Suite 101, Eagle River, AK 99577  
 Email Address: colinn@rpk.net  
 Telephone: 694-2332 Fax: 694-1807

**B. TYPE AND PURPOSE OF PROJECT:** New access road approx. 4,000 linear feet in length. Road alignment will require one crossing over Russian Creek. A 15 foot radius arch culvert will be used for the crossing.

**C. LOCATION OF PROJECT SITE**

1. Name of River, Stream, or Lake: Russian Creek  
 or Anadromous Stream No: \_\_\_\_\_
2. Legal Description: Township 5S Range 28W  
 Meridian Seward Section 5 USGS Quad Map Iliamna D-3
3. Plans, Specifications, and Aerial Photograph. See specific instructions

D. **TIME FRAME FOR PROJECT:** May 1, Summer 2010 TO Oct. 1, Summer 2013 (mm/dd/yy)

E. **CONSTRUCTION METHODS:**

1. Will the stream be diverted?  Yes  No

How will the stream be diverted? \_\_\_\_\_

How long? \_\_\_\_\_

2. Will stream channelization occur?  Yes  No

3. Will the banks of the stream be altered or modified?  Yes  No

Describe: Concrete abutments and Rip Rap

4. List all tracked or wheeled equipment (type and size) that will be used in the stream (in the water, on ice, or in the floodplain): Excavator, Dozer, Compactor

How long will equipment be in the stream? \_\_\_\_\_

5. a. Will material be removed from the floodplain, bed, stream, or lake?  Yes  No

Type: Surface Organics

Amount: 2,625 ft<sup>2</sup>

b. Will material be removed from below the water table?  Yes  No

If so, to what depth? \_\_\_\_\_

Is a pumping operation planned?  Yes  No

6. Will material (including spoils, debris, or overburden) be deposited in the floodplain, stream, or lake?  Yes  No

If so, what type? Select Borrow/Shot Rock in Flood Plain

Amount: 4,600 Cubic Yards

Disposal site location(s): Existing Landfill and project site as feasible.

7. Will blasting be performed?  Yes  No

Weight of charges: \_\_\_\_\_

Type of substrate: \_\_\_\_\_

8. Will temporary fills in the stream or lake be required during construction (e.g., for construction traffic around construction site)?  Yes  No

9. Will ice bridges be required?  Yes  No

F. **SITE REHABILITATION/RESTORATION PLAN:** On a separate sheet present a site rehabilitation/restoration plan. See specific instructions

G. **WATERBODY CHARACTERISTICS:**

Width of stream: 15' - 20' Depth of stream or lake: 12" - 24"

Type of stream or lake bottom (e.g., sand, gravel, mud): Rock and gravel

Stream gradient: 2% at crossing

H. **HYDRAULIC EVALUATION:**

1. Will a structure (e.g., culvert, bridge support, dike) be placed below ordinary high water of the stream?  Yes  No

If yes, attach engineering drawings or a field sketch, as described in Step B.

For culverts, attach stream discharge data for a mean annual flood (Q=2.3), if available.

If applicable, describe potential for channel changes and/or increased bank erosion:

Rip rap will placed around abutments

2. Will more than 25,000 cubic yards of material be removed?  Yes  No

If yes, attach a written hydraulic evaluation including, at a minimum, the following: potential for channel changes, assessment of increased aufeis (glaciating) potential, assessment of potential for increased bank erosion.

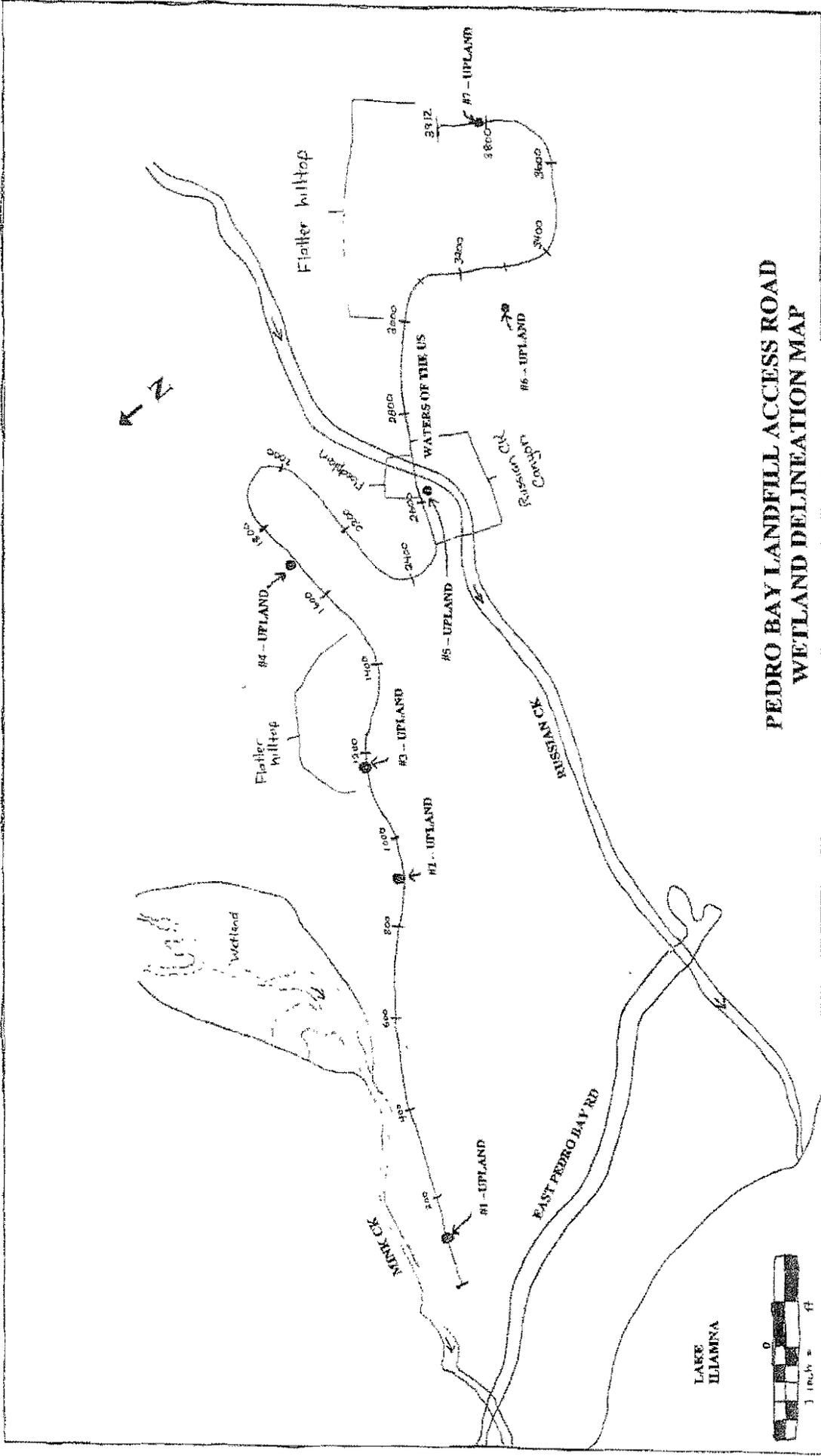
**I HEREBY CERTIFY THAT ALL INFORMATION PROVIDED ON OR IN CONNECTION WITH THIS APPLICATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.**



Signature of Applicant

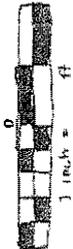
10/2/09

Date



**PEDRO BAY LANDFILL ACCESS ROAD  
WETLAND DELINEATION MAP**

LAKE  
ELAMINA



## Coastal Project Questionnaire and Certification Statement

The Coastal Project Questionnaire (CPQ) is a diagnostic tool that will identify the state and federal permit requirements for your project that are subject to a consistency review. You must answer all questions. If you answer "Yes" to any of the questions, please call that specific department for further instructions to avoid delay in processing your application. You can find an agency contact list online at <http://alaskacoast.state.ak.us/Contacts/PRCreqcont.html>.

A complete project packet includes accurate maps and plan drawings at scales large enough to show details, copies of your state and federal permit applications, your answers to this questionnaire, and a complete consistency evaluation. DCOM will notify you within 21 days of receipt if the packet is incomplete and what information is still required.

For additional information or assistance, you may call or email the Juneau Project Review at (907) 465-2142, or the Anchorage Project Review at (907) 269-7478. This CPQ document contains numerous hyperlinks (underlined text that has a connection to an internet web page) and is best viewed on-line. Additional instructions are available at <http://www.alaskacoast.state.ak.us/Projects/pepq.html>

### ■ APPLICANT INFORMATION

1. <u>Pedro Bay Village Council</u> <small>Name of Applicant</small>	2. <u>Rodney P. Kinney Associates, Inc.</u> <small>Agent (or responsible party if other than applicant)</small>
<u>P.O. Box 47020</u> <small>Address</small>	<u>16515 Centerfield Drive</u> <small>Address</small>
<u>Pedro Bay, Alaska 99647</u> <small>City/State/Zip</small>	<u>Eagle River, Alaska 99577</u> <small>City/State/Zip</small>
<u>(907) 850-2225</u> <small>Daytime Phone</small>	<u>(907) 694-2332</u> <small>Daytime Phone</small>
<u>850-2221</u> <small>Fax Number</small>	<u>694-1807</u> <u>colinm@rpka.net</u> <small>Fax Number    E-mail Address</small>
_____ <small>E-mail Address</small>	_____ <small>E-mail Address</small>

### ■ PROJECT INFORMATION

Yes    No

1. This activity is a:     new project     modification or addition to an existing project
2. If this is a modification or an addition, do you currently have any State, federal or local approvals for this activity?
- NOTE: Approval means any form of authorization. If "yes," please list below:*

Approval Type	Approval #	Issuance Date	Expiration Date

3. If this is a modification, was this original project reviewed for consistency with the Alaska Coastal Management Program?
- Previous ACMP I.D. Number: \_\_\_\_\_ (example: AK 0706-05AA or ID2004-050511)
- Previous Project Name: \_\_\_\_\_ Previous Project Applicant: \_\_\_\_\_

### ■ PROJECT DESCRIPTION

**Attach** a complete and detailed narrative description of your new project or of your modification/addition including ALL associated facilities and changes to the current land or water use (if not already attached as part of an agency application). Clearly delineate the project boundaries and all property owners, including owners of adjacent land, on the site plan. The scale of the maps and plan drawings must be large enough to show pertinent details. Identify your proposed footprint or

State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management

disturbed area. If this project is a modification to an approved project, identify existing facilities and proposed changes on the site plan.

Proposed starting date for project: 2010 Proposed ending date for project: 2013

**PROJECT LOCATION and LAND OWNERSHIP**

Yes No

4. Describe/identify the project location on a map (including nearest community, the name of the nearest land feature or body of water, and other legal description such as a survey or lot number).

Township 4S Range 28W Section 5 Meridian Seward

Latitude/Longitude 59 46 44 N / 54 05 16W (specify Decimal Degrees or Degrees, Minutes, Seconds)

USGS Quad Map Iliamna D-

5. The project is located on:  State land or water\*  Federal land  Private land  Municipal land  
(Check all that apply)  Mental Health Trust land  University of Alaska land

Contact the applicable landowner(s) to obtain necessary authorization. State land ownership can be verified using Alaska Mapper. \*State land can be uplands, tidelands or submerged lands to 3 miles offshore.

6. Is the project within or associated with the Trans Alaska Pipeline corridor?  Yes  No

**COASTAL DISTRICT**

Yes No

7. Is the project located in a coastal district?  Yes  No

If yes, identify the applicable coastal district(s) Lake and Peninsula and contact them to ensure your project conforms with district policies and zoning requirements. Coastal districts are a municipality or borough, home rule or first class city, second class municipality with planning powers, or coastal resource service area. A coastal district is a participant in the State's consistency review process. Early interaction with the district can benefit you significantly; please contact the district representative listed on the contact list at <http://www.alaskacoast.state.ak.us/Contacts/PRCregcont.html>

**DEPARTMENT OF NATURAL RESOURCES (DNR) APPROVALS**

**DNR DIVISION OF MINING, LAND & WATER- LAND SECTION**

Yes No

1. Is the proposed project on State-owned land or water or will you need to cross State-owned land for access? (NOTE: State land includes the land below the ordinary high water line of navigable streams, rivers and lakes, and in marine waters, below the mean high tide line seaward for three miles. State land does not include Alaska Mental Health Trust Land or University of Alaska Land.)  Yes  No

2. If you answered yes to the question above, indicate the person you contacted at the appropriate Division of Mining, Land and Water regional office for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity?  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- MATERIALS SECTION**

Yes No

3. Do you plan to dredge or otherwise excavate or remove materials such as rock, sand, gravel, peat, or overburden from any land regardless of ownership?  Yes  No

a) Location of excavation site if different than the project site: Borrow Source

Township 4S Range 28W Section 5 Meridian Sewe

4. At any one site (regardless of land ownership), do you plan any of the following?  Yes  No

Excavate five or more acres over a year's time

Excavate 50,000 cubic yards or more of materials (rock, sand, gravel, soil, peat, overburden, etc.) over a year's time

Have a cumulative, un-reclaimed, excavated area of five or more acres

5. Do you plan to place fill or excavated material on State-owned land?  Yes  No

a) Location of fill or material disposal site if different than the project site: \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Meridian \_\_\_\_\_

6. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining,

State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management

Land and Water regional office for information.

a) Name/date of Contact: Christina Nahorney, 9/18/09

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: Reclamation plan not required for pits established prior to 1991.

**DNR DIVISION OF MINING, LAND & WATER- MINING SECTION**

Yes No

7. Do you plan to mine for locatable minerals such as silver, gold, or copper? .....  Yes  No

8. Do you plan to explore for or extract coal? .....  Yes  No

9. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining,

Land and Water regional office for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF MINING, LAND & WATER- WATER SECTION**

Yes No

10. Will this project or development divert, impound, withdraw, or use any fresh water (regardless of land ownership)?

*(NOTE: If you know of other water users who withdraw from the same source or any potential conflicts affecting this use of water, contact the Water Section. If you are obtaining water exclusively from either an existing Public Water Supply or from a rainwater catchment system, you are not required to contact the DNR Water Section regional office.)* .....  Yes  No

a) Check all points-of-withdrawal or water sources that apply:

- Public Water system (name): \_\_\_\_\_
- Stream or Lake (name): Lake Ilamna
- Well
- Rain catchment system
- Other: \_\_\_\_\_

b) Intended use(s) of water: Compaction, Dust Control

c) Amount (maximum daily, not average, in gallons per day): 2000

d) Is the point of water withdrawal on property you own? .....  Yes  No

11. Do you plan to build or alter a dam (regardless of land ownership)? .....  Yes  No

12. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Mining,

Land and Water regional office for information.

a) Name/date of Contact: Mike Walton, 9/18/09

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DNR DIVISION OF FORESTRY**

Yes No

13. Does your operation meet **both** of the following criteria on any land, regardless of ownership?

- a) The project will commercially harvest timber on 10 or more acres, or commercially harvest timber that intersects, encompasses, or borders on surface waters, **and**
- b) The project involves one or more of the following: site preparation, thinning, slash treatment, construction and maintenance of roads associated with a commercial timber harvest, or any other activity leading to or connected to a commercial timber harvest operation. ....  Yes  No

14. If you answered yes to any question above, indicate the person you contacted at the appropriate Division of Forestry regional office for information.

a) Name/date of Contact: \_\_\_\_\_

b) Is an application required for the proposed activity? .....  Yes  No

c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management

**DNR DIVISION OF OIL & GAS**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
|  | Yes                      | No                                  |
| 15. a) Will you be exploring for or producing oil and/or gas? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will you conduct surface use activities on/within an oil and gas lease or unit? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| If yes, please specify: _____  |                          |                                     |
| 16. Do you plan to drill a geothermal well (regardless of land ownership)? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>Division of Oil &amp; Gas</u> office for information. |                          |                                     |
| a) Name/date of Contact: _____   |                          |                                     |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____       |                          |                                     |
| Visit the <u>Division of Oil &amp; Gas website</u> for application forms and additional information.   |                          |                                     |

**DNR OFFICE OF HISTORY & ARCHAEOLOGY**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 18. Will you investigate, remove, or impact historical, archaeological or paleontological resources (anything over 50 years old) on State-owned land? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 19. If you answered yes to the question above, indicate the person you contacted at the <u>State Historic Preservation Office</u> for information.          |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |

**DNR DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 20. Is the proposed project located within a natural hazard area designated by a coastal district in the approved district plan? (Refer to the <u>district plan</u> or contact the <u>coastal district office</u> .) .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| a) If "yes", describe the measures you will take in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by the designated natural hazard(s) in the Natural Hazards portion of the attached Coastal Consistency Evaluation (11 AAC 112.210). |                          |                                     |
| 21. If you have contacted someone, please indicate the person you contacted at the <u>Coastal District</u> or the <u>State</u> for information. The <u>Division of Geological &amp; Geophysical Survey</u> may have additional information on hazards for the area.   |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |

**DNR DIVISION OF PARKS & OUTDOOR RECREATION**

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
|   | Yes                      | No                                  |
| 22. Is the proposed project located in a unit of the Alaska State Park System including navigable waters, tidelands or submerged lands to three miles offshore? .....     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 23. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>DNR Division of Parks &amp; Recreation</u> office for information. |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |
| b) Is an application required for the proposed activity? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____                    |                          |                                     |

**DNR APPROVALS**

List the Department of Natural Resources permits or authorizations required for your project below:

Types of project approvals or permits needed.	Date application submitted
Temporary Use of Water	10/5/2009

**■ DEPARTMENT OF FISH AND GAME (DFG) APPROVALS**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
|  | Yes                      | No                                  |
| 1. Is your project located in a designated State Game Refuge, Critical Habitat Area or State Game Sanctuary? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Does your project include construction/operation of a salmon hatchery? .....                                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management**

3. Does your project affect, or is it related to, a previously permitted salmon hatchery? .....
4. Does your project include construction of an aquatic farm? .....
5. Will you work in, remove water or material from, or place anything in, a stream, river or lake? (NOTE: This includes work or activities below the ordinary high water mark or on ice, in the active flood plain, on islands, in or on the face of the banks, or, for streams entering or flowing through tidelands, above the level of mean lower low tide. If the proposed project is located within a special flood hazard area, a municipal floodplain development permit may be required. Contact the affected city or borough planning department for additional information and a floodplain determination.) .....
- a) If yes, name of waterbody: Russian Creek
6. If you answered yes to any questions above, indicate the person you contacted at the appropriate Department of Fish and Game office for information. (For projects involving Hatcheries or Aquatic Farms, please contact the Division of Commercial Fisheries. Other projects should contact the Division of Habitat.)
- a) Name/date of Contact: Mike Daigneault, 9/17/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DFG APPROVALS**

List the Department of Fish and Game permits or authorizations required for your project below:

Types of project approvals or permits needed.	Date application submitted
Fish Habitat	10/02/2009

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) APPROVALS**

**DEC DIVISION OF WATER**

Yes No

- 1 a) Will a discharge of non-domestic wastewater to lands, waters, or the subsurface of the state occur? (NOTE: Non-domestic wastewater includes wastewater from commercial or industrial facilities, excavation projects, wastewater from man-made containers or containment areas, or any other non-domestic wastewater disposal activities see 18 AAC 72.990 for definitions.) .....
- b) Will a discharge of domestic wastewater or septage to lands, waters or the subsurface of the state occur? (see 18 AAC 72.990 for definitions.) .....
- c) Will the wastewater disposal activity require a mixing zone or zone of deposit to meet Water Quality Standards (WQS)? (Many disposal activities require a mixing zone to meet WQS, contact DEC if unsure.) .....
- d) Will the project include a stormwater collection/discharge system? .....
- e) Will the project include placing fill in wetlands? .....
- f) Is the surrounding area inundated with water at any time of the year? .....
- g) Do you intend to construct, install, modify or use any part of a domestic or non-domestic wastewater treatment or disposal system? .....
2. Does your project qualify for a general permit for wastewater? .....
3. If you answered yes to any questions above, indicate the person you contacted at the DEC-Division of Water for information.
- a) Name/date of Contact: Sean Palmer, 9/17/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

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**DEC DIVISION OF ENVIRONMENTAL HEALTH**

- |  | Yes                      | No                                  |
|--|--------------------------|-------------------------------------|
| 4 a) Will your project result in construction, modification, or operation of a facility for solid waste disposal? <i>(NOTE: Solid waste means drilling wastes, household garbage, refuse, sludge, construction or demolition wastes, industrial solid waste, asbestos, and other discarded, abandoned, or unwanted solid or semi-solid material, whether or not subject to decomposition, originating from any source. Disposal means placement of solid waste on land.)</i> ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will your project result in treatment of solid waste at the site? <i>(Examples of treatment methods include, but are not limited to: incineration, open burning, baling, and composting.)</i> .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Will your project result in storage or transfer of solid waste at the site? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Will the project result in storage of more than 50 tons of materials for reuse, recycling, or resource recovery? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Will any sewage solids or biosolids be disposed of or land-applied to the site? <i>(NOTE: Sewage solids include wastes that have been removed from a wastewater treatment plant system, such as a septic tank lagoon dredge, or wastewater treatment sludge that contain no free liquids. Biosolids are the solid, semi-solid or liquid residues produced during the treatment of domestic septage in a treatment works which are land applied for beneficial use.)</i> ..      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Will your project require application of oil, pesticides, and/or any other broadcast chemicals? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Does your project qualify for a general permit for solid waste? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. If you answered yes to any question above, indicate the person you contacted at the <u>DEC- Division of Environmental Health</u> for information.   |                          |                                     |
| a) Name/date of Contact: _____   |                          |                                     |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____   |                          |                                     |

**DEC DIVISION OF AIR QUALITY**

- |  | Yes                                 | No                                  |
|--|-------------------------------------|-------------------------------------|
| 8 a) Will you have an asphalt plant designed to process no less than five tons per hour of product? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Will you have a thermal remediation unit with a rated capacity of at least five tons per hours of untreated material? ..  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) Will you have a rock crusher with a rated capacity of at least five tons per hour? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) Will you have one or more incinerators with a cumulative rated capacity of 1,000 pounds or more per hour? .....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| e) Will you have a coal preparation plant? .....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) Will you have a Port of Anchorage stationary source? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| g) Will you have a facility with the potential to emit no less than 100 tons per year of any regulated air contaminant?.....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| h) Will you have a facility with the potential to emit no less than 10 tons per year of any hazardous air contaminant or 25 tons per year of all hazardous air contaminants?.....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| i) Will you be constructing a new stationary source with a potential to emit greater than: .....   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> 15 tons per year (tpy) of PM-10   |                                     |                                     |
| <input type="checkbox"/> 40 tpy of nitrogen oxides   |                                     |                                     |
| <input type="checkbox"/> 40 tpy of sulfur dioxide  |                                     |                                     |
| <input type="checkbox"/> 0.6 tpy of lead; or   |                                     |                                     |
| <input type="checkbox"/> 100 tpy of CO within 10 km of a nonattainment area  |                                     |                                     |
| j) Will you be commencing construction, or (if not already authorized under 18 AAC 50) relocating a portable oil and gas operation? <i>(answer "yes" unless you will comply with an existing operating permit developed for the portable oil and gas operation at the permitted location; or you will operate as allowed under AS 46.14.275 without an operating permit)</i> ..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| k) Will you be commencing construction or (if not already authorized under 18 AAC 50) relocating an emission unit with a rated capacity of 10 million Btu or more per hour in a sulfur dioxide special protection area established under 18 AAC 50.025? .....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| l) Will you be commencing a physical change to or a change in the method of construction of an existing stationary source with a potential to emit an air pollutant greater than an amount listed in g) that will cause for that pollutant an emission increase (calculated at your discretion) as either an increase in potential to emit that is greater than:                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> 10 tpy of PM-10   |                                     |                                     |
| <input type="checkbox"/> 10 tpy of sulfur dioxide  |                                     |                                     |
| <input type="checkbox"/> 10 tpy of nitrogen oxides; or   |                                     |                                     |
| <input type="checkbox"/> 100 tpy of CO within 10 km of a nonattainment area; or  |                                     |                                     |
| actual emissions and a net emissions increase greater than:  |                                     |                                     |

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- 10 tpy of PM-10
- 10 tpy of sulfur dioxide
- 10 tpy of nitrogen oxides; or
- 100 tpy of CO within 10 km of a nonattainment area

- m) Will you be commencing construction or making a major modification of a Prevention of Significant Deterioration stationary source under 18 AAC 50.306?
- n) Will you be commencing construction or making a major modification of a nonattainment area major stationary source under 18 AAC 50.311?
- o) Will you be commencing construction or reconstructing a major stationary source under 18 AAC 50.316, for hazardous air pollutants? Definition of Regulated Air Pollutants can be found at <http://www.epa.gov/ttn/oamp/t5/memoranda/rapdef.pdf>
9. If you answered yes to any questions above, indicate the person you contacted at the DEC- Division of Air Quality for information.
- a) Name/date of Contact: Sally Ryan, 9/20/09
- b) Is an application required for the proposed activity?
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DEC DIVISION OF SPILL PREVENTION AND RESPONSE**

- |  |     |    |
|--|-----|----|
|  | Yes | No |
|--|-----|----|
- 10 a) Will your project involve the operation of waterborne tank vessels or oil barges that carry crude or non crude oil as bulk cargo, or the transfer of oil or other petroleum products to or from such a vessel or a pipeline system?
- b) Will your project require or include onshore or offshore oil facilities with an effective aggregate storage capacity of greater than 5,000 barrels of crude oil or greater than 10,000 barrels of non-crude oil?
- c) Will you operate facilities on land or water for exploration or production of hydrocarbons?
11. If you answered yes to any questions above, indicate the person you contacted at the DEC-Division of Spill Prevention and Response office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is a plan required for the proposed activity?
- c) If "YES" then submit a signed copy of the completed Oil Discharge Prevention & Contingency Plan to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**DEC APPROVALS**

List the Department of Environmental Conservation permits or authorizations required for your project below:

Types of plan approvals or permits needed	Date application submitted
Stationary Source Identification Form	10/5/2009

**FEDERAL APPROVALS**

**U.S. ARMY CORPS OF ENGINEERS (USACE)**

- |  |     |    |
|--|-----|----|
|  | Yes | No |
|--|-----|----|
1. Will you discharge dredged and/or fill material or perform dredging activities in waters of the U.S? Section 404 of the Clean Water Act requires that a Department of the Army permit be obtained for the placement or discharge of dredged and/or fill material into waters of the U.S., including wetlands (33 U.S.C. 1344). *(Your application to the USACE would also serve as application for DEC Water Quality Certification.)*
2. Will you place fill or structures or perform work in waters of the U.S? Section 10 of the Rivers and Harbors Act of 1899 requires that a Department of the Army permit be obtained for structures or work in or affecting navigable waters of the U.S. (33 U.S.C. 403) *(Waters of the U.S. include marine waters subject to the ebb and flow of the tide, rivers, streams, lakes tributaries, and wetlands. If you are not certain whether your proposed project is located within a wetland, contact the USACE Regulatory Division to request a wetlands determination. For additional information about the Regulatory Program, visit [www.poa.usace.army.mil/reg](http://www.poa.usace.army.mil/reg))*

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3. If you answered yes to the question above, indicate the person you contacted at the US Army Corps of Engineers for information.
- a) Name/date of Contact: Leslie Towes, 9/25/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**BUREAU OF LAND MANAGEMENT (BLM)**

4. Is the proposed project located on BLM land, or will you need to cross BLM land for access? .....   Yes No
5. If you answered yes to the question above, indicate the person you contacted at the Bureau of Land Management for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. COAST GUARD (USCG)**

- 6 a) Do you plan to construct a bridge or causeway over tidal (ocean) waters, or navigable rivers, streams or lakes? .....   Yes No
- b) Does your project involve building an access to an island? .....
- c) Do you plan to site, construct, or operate a deepwater port? .....
7. If you answered yes to any question above, indicate the person you contacted at the appropriate US Coast Guard office for information.
- a) Name/date of Contact: \_\_\_\_\_
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)**

- 8 a) Will the proposed project have a discharge to any waters? .....   Yes No
- b) Will you dispose of sewage sludge? .....
- c) Will construction of your project expose 1 or more acres of soil? (*NOTE: This applies to the total amount of land disturbed, even if disturbance is distributed over more than one season, and also applies to areas that are part of a larger common plan of development or site.*) .....
- d) Is your project an industrial facility that will have stormwater discharge directly related to manufacturing, processing, or raw materials storage areas at an industrial plant? If you answered yes to c) or d), your project may require an NPDES Stormwater permit .....
9. If you answered yes to any question above, indicate the person you contacted at the US Environmental Protection Agency for information.
- a) Name/date of Contact: Greg Drzewieki, 9/18/09
- b) Is an application required for the proposed activity? .....
- c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: \_\_\_\_\_

**FEDERAL AVIATION ADMINISTRATION (FAA)**

- 10 a) Is your project located within five miles of any public airport? .....   Yes No
- b) Will you have a waste discharge that is likely to decay within 5,000 feet of any public airport? .....
11. If you answered yes to the question above, indicate the person you contacted at the Federal Aviation Administration for information.
- a) Name/date of Contact: Robert Van Haastert, 9/17/09

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**FEDERAL ENERGY REGULATORY COMMISSION (FERC)**

- |   | Yes                      | No                                  |
|---|--------------------------|-------------------------------------|
| 12 a) Does the project include any of the following: .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 1) a non-federal hydroelectric project on any navigable body of water   |                          |                                     |
| 2) locating a hydro project on federal land (including transmission lines)  |                          |                                     |
| 3) using surplus water from any federal government dam for a hydro project  |                          |                                     |
| b) Does the project include construction and operation, or abandonment of interstate natural gas pipeline facilities under sections 7 (b) and (c) of the Natural Gas Act (NGA)? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Does the project include construction and operation of natural gas or liquefied natural gas importation or exportation facilities under section 3 of the NGA? .....                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Does the project include construction for physical interconnection of electric transmission facilities under section 202 (b) of the FPA? .....                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 13. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>Federal Energy Regulatory Commission</u> office for information.               |                          |                                     |
| a) Name/date of Contact: _____  |                          |                                     |
| b) Is an application required for the proposed activity? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____                                |                          |                                     |

**U.S. FOREST SERVICE (USFS)**

- |  | Yes                      | No                                  |
|--|--------------------------|-------------------------------------|
| 14 a) Does the proposed project involve construction on USFS land? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Does the proposed project involve the crossing of USFS land with a water line? .....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) The current list of Forest Service permits that require ACMP consistency review are online at <a href="http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf">http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf</a> in Article 4, 11 AAC 110.400, pages 28-30. Does your proposed project include any of Forest Service authorizations found on pages 28-30 of the ACMP Handbook? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15. If you answered yes to any question above, indicate the person you contacted at <u>United States Forest Service</u> for information.   |                          |                                     |
| a) Name/date of Contact: _____   |                          |                                     |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____   |                          |                                     |

**U.S. FISH AND WILDLIFE SERVICE (USFWS)**

- |  | Yes                      | No                                  |
|--|--------------------------|-------------------------------------|
| 16 a) Is your proposed project on land managed by the USFWS? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Does your project require a Right of Way from the USFWS under 50 C.F.R. 29 and 50 C.F.R 36? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17. If you answered yes to any question above, indicate the person you contacted at the <u>US Fish and Wildlife Service</u> for information.           |                          |                                     |
| a) Name/date of Contact: _____   |                          |                                     |
| b) Is an application required for the proposed activity? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application isn't required. Explanation: _____ |                          |                                     |

**OTHER FEDERAL AGENCY APPROVALS**

- |  | Yes                      | No                                  |
|--|--------------------------|-------------------------------------|
| 18 a) Other Federal agencies with authorizations reviewable under the Alaska Coastal Management Program are posted online at <a href="http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf">http://alaskacoast.state.ak.us/Clawhome/handbook/pdf/11_AAC_110.pdf</a> in Article 4, 11 AAC 110.400, pages 28-30. Does your proposed project include any of the Federal agency authorizations found on pages 28-30 of the ACMP Handbook? ..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) If yes, which federal authorizations? _____   |                          |                                     |

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19. Have you applied for any other federal permits or authorizations? .....

Agency	Approval Type	Date Submitted

Note: The Coastal Project Questionnaire (CPQ) identifies state and federal permits subject to a consistency review. You may need additional permits from other agencies or the affected city and borough government to proceed with your activity. Attach the documentation requested under the Project Description.

**ACMP Consistency Evaluation & Certification Statement**

Pursuant to 11 AAC 110.215 (a)(1)(c), the applicant shall submit an evaluation of how the proposed project is consistent with the statewide standards at 11 AAC 112.200 - 11 AAC 112.990 and with the applicable district enforceable policies, sufficient to support the consistency certification. Evaluate your project against each section of the state standards and applicable district enforceable policies using the template below or by submitting a narrative description in letter or report form. District enforceable policies are available on the ACMP website at <http://www.alaskacoast.state.ak.us>. Definitions of key terms can be found at: 11 AAC 110.990, 11 AAC 112.990 and 11 AAC 114.990.

If you need more space for an adequate explanation of any of the applicable standards, please attach additional pages to the end of this document. Be sure to include references to the specific sections and subsections that you are evaluating.

**STATEWIDE STANDARDS**

**11 AAC 112.200. Coastal Development**

**Standard:**

- (a) In planning for and approving development in or adjacent to coastal waters, districts and state agencies shall manage coastal land and water uses in such a manner that those uses that are economically or physically dependent on a coastal location are given higher priority when compared to uses that do not economically or physically require a coastal location.
- (b) Districts and state agencies shall give, in the following order, priority to
  - (1) water-dependent uses and activities;
  - (2) water-related uses and activities; and
  - (3) uses and activities that are neither water-dependent nor water-related for which there is no practicable inland alternative to meet the public need for the use or activity.
- (c) The placement of structures and the discharge of dredged or fill material into coastal water must, at a minimum, comply with the standards contained in 33 CFR Parts 320 - 323, revised as of July 1, 2003.

**Evaluation:**

(a) How is your project economically or physically dependent on a coastal location? Why are you proposing to place the project at the selected location?  
Pedro Bay is located on the coast of Lake Iliamna and there is no feasible inland location to place this project.

(b) Evaluation of development priority.

- (1) How is the proposed project water-dependent? Explain.
- (2) How is the proposed project water-related? Explain.
- (3) If the proposed project is neither water-dependent nor water-related, please explain why there is not a practicable inland alternative that meets the public need for the use or activity. Explain.  
The project will require an arch culvert to cross Russian Creek.

(c) *DCOM defers to the United States Corps of Engineers (USACE) to interpret compliance with the referenced standards.* If you plan to discharge or fill waters of the US, have you applied to the Corps of Engineers for the appropriate authorization?

404 Permit has been submitted for wetland fill activities.

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**11 AAC 112.210. Natural hazard areas.**

**Standard:**

- (a) In addition to those identified in 11 AAC 112.990, the department, or a district in a district plan, may designate other natural processes or adverse conditions that present a threat to life or property in the coastal area as natural hazards. Such designations must provide the scientific basis for designating the natural process or adverse condition as a natural hazard in the coastal area, along with supporting scientific evidence for the designation.
- (b) Areas likely to be affected by the occurrence of a natural hazard may be designated as natural hazard areas by a state agency or, under 11 AAC 114.250(b), by a district.
- (c) Development in a natural hazard area may not be found consistent unless the applicant has taken appropriate measures in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by known natural hazards.
- (d) For purposes of (c) of this section, "appropriate measures in the siting, design, construction, and operation of the proposed activity" means those measures that, in the judgment of the coordinating agency, in consultation with the department's division of geological and geophysical surveys, the Department of Community and Economic Development as state coordinating agency for the National Flood Insurance Program under 44 C.F.R. 60.25, and other local and state agencies with expertise,
- (1) satisfy relevant codes and safety standards; or
  - (2) in the absence of such codes and standards;
    - (A) the project plans are approved by an engineer who is registered in the state and has engineering experience concerning the specific natural hazard; or
    - (B) the level of risk presented by the design of the project is low and appropriately addressed by the project plans.

**Evaluation:**

- (a) Describe the natural hazards designated in the district plan as they affect this site.
- (b) Describe how the proposed project is designed to accommodate the designated hazards. How will you use site design and operate the proposed activity to protect public safety, services and the environment from potential damage caused by known natural hazards?

Not located in a natural hazard area.

(d)(1) Describe the measures you will take to meet relevant codes and safety standards in the siting, design, construction and operation of the proposed activity.

(d)(2)(A) If your project is located in an area without codes and safety standards, how is your project engineered for the specific natural hazard? Give the name of the appropriately qualified registered engineer who will approve the plans for protecting public safety, services, and the environment from damage caused by hazards OR

(d)(2)(B) If the level of risk presented by the design of the project is low, how do the project plans and project design address the potential natural hazard?

Project will designed using Federal Highway, State of Alaska and AASHTO standards.

Brian Pedersen, P.E. will certify the plans.

**11 AAC 112.220. Coastal access.**

**Standard:**

Districts and state agencies shall ensure that projects maintain and, where appropriate, increase public access to, from, and along coastal water.

**Evaluation:**

Please explain how the proposed project will maintain and, where appropriate, increase public access to, from and along coastal water.

Road is being designed for land access. This project will not alter any current water access routes.

**11 AAC 112.230. Energy facilities.**

**Standard:**

(a) The siting and approval of major energy facilities by districts and state agencies must be based, to the extent practicable, on the following standards:

- (1) site facilities so as to minimize adverse environmental and social effects while satisfying industrial requirements;
- (2) site facilities so as to be compatible with existing and subsequent adjacent uses and projected community needs;

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- (3) consolidate facilities;
  - (4) consider the concurrent use of facilities for public or economic reasons;
  - (5) cooperate with landowners, developers, and federal agencies in the development of facilities;
  - (6) select sites with sufficient acreage to allow for reasonable expansion of facilities;
  - (7) site facilities where existing infrastructure, including roads, docks, and airstrips, is capable of satisfying industrial requirements;
  - (8) select harbors and shipping routes with least exposure to reefs, shoals, drift ice, and other obstructions;
  - (9) encourage the use of vessel traffic control and collision avoidance systems;
  - (10) select sites where development will require minimal site clearing, dredging, and construction;
  - (11) site facilities so as to minimize the probability, along shipping routes, of spills or other forms of contamination that would affect fishing grounds, spawning grounds, and other biologically productive or vulnerable habitats, including marine mammal rookeries and hauling out grounds and waterfowl nesting areas;
  - (12) site facilities so that design and construction of those facilities and support infrastructures in coastal areas will allow for the free passage and movement of fish and wildlife with due consideration for historic migratory patterns;
  - (13) site facilities so that areas of particular scenic, recreational, environmental, or cultural value, identified in district plans, will be protected;
  - (14) site facilities in areas of least biological productivity, diversity, and vulnerability and where effluents and spills can be controlled or contained;
  - (15) site facilities where winds and air currents disperse airborne emissions that cannot be captured before escape into the atmosphere;
  - (16) site facilities so that associated vessel operations or activities will not result in overcrowded harbors or interfere with fishing operations and equipment.
- (b) The uses authorized by the issuance of state and federal leases, easements, contracts, rights-of-way, or permits for mineral and petroleum resource extraction are uses of state concern.

**Evaluation:**

(a) If this standard applies to your project, please describe in detail how the proposed project is designed to meet each applicable section of this standard:

- (1) Not Applicable
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_
- (6) \_\_\_\_\_
- (7) \_\_\_\_\_
- (8) \_\_\_\_\_
- (9) \_\_\_\_\_
- (10) \_\_\_\_\_
- (11) \_\_\_\_\_
- (12) \_\_\_\_\_
- (13) \_\_\_\_\_
- (14) \_\_\_\_\_
- (15) \_\_\_\_\_
- (16) \_\_\_\_\_

(b) List the authorizations for state and federal leases, easements, contracts, rights-of-way, water rights, or permits for mineral and petroleum resource extraction you have applied for or received.  
Not Applicable

**11 AAC 112.240. Utility routes and facilities.**

**Standard:**

- (a) Utility routes and facilities must be sited inland from beaches and shorelines unless
  - (1) the route or facility is water-dependent or water related; or
  - (2) no practicable inland alternative exists to meet the public need for the route or facility.

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- (b) Utility routes and facilities along the coast must avoid, minimize, or mitigate
- (1) alterations in surface and ground water drainage patterns;
  - (2) disruption in known or reasonably foreseeable wildlife transit;
  - (3) blockage of existing or traditional access.

**Evaluation:**

(a) If the proposed utility route or facility is sited adjacent to beaches or shorelines, explain how the route or facility is water dependent water related or why no practical inland alternative exists.

N/A

---

(b) If the proposed utility route or facility is sited along the coast, explain how you will avoid, minimize or mitigate:

(1) alterations in surface and ground water drainage patterns;

N/A

---

(2) disruption in known or reasonably foreseeable wildlife transit;

N/A

---

(3) blockage of existing or traditional access.

N/A

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**11 AAC 112.250. Timber harvest and processing.**

**Standard:**

AS 41.17 (Forest Resources and Practices Act) and the regulations adopted under that chapter with respect to the harvest and processing of timber are incorporated into the program and constitute the components of the program with respect to those purposes.

**Evaluation:**

Does your activity involve harvesting or processing of timber? Yes \_\_\_\_\_ No

If yes, please explain how your proposed project meets the standards of the State Forest Resources and Practices Act.

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**11 AAC 112.260. Sand and gravel extraction.**

**Standard:**

Sand and gravel may be extracted from coastal waters, intertidal areas, barrier islands, and spits if there is no practicable alternative to coastal extraction that will meet the public need for the sand or gravel.

**Evaluation:**

If your proposed project includes extracting sand or gravel from coastal waters, intertidal areas, barrier islands or spits, please explain why there is no practicable alternative to coastal extraction that meets the public need for sand or gravel.

N/A

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**11 AAC 112.270. Subsistence.**

**Standard:**

- (a) A project within a subsistence use area designated by the department or under 11 AAC 114.250(g) must avoid or minimize impacts to subsistence uses of coastal resources.
- (b) For a project within a subsistence use area designated under 11 AAC 114.250(g), the applicant shall submit an analysis or evaluation of reasonably foreseeable adverse impacts of the project on subsistence use as part of
  - (1) a consistency review packet submitted under 11 AAC 110.215; and
  - (2) a consistency evaluation under 15 C.F.R. 930.39, 15 C.F.R. 930.58, or 15 C.F.R. 930.76.
- (c) Repealed 10/29/2004, Register 172.

State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management

- (d) Except in nonsubsistence areas identified under AS 16.05.258, the department may, after consultation with the appropriate district, federally recognized Indian tribes, Native corporations, and other appropriate persons or groups, designate areas in which a subsistence use is an important use of coastal resources as demonstrated by local usage.
- (e) For purposes of this section, "federally recognized Indian tribe," "local usage", and "Native corporation" have the meanings given in 11 AAC 114.990.

**Evaluation:**

- (a) Is your proposed project located within a subsistence use area designated by a coastal district?

Yes \_\_\_\_\_ No

If yes, please describe how the proposed project is designed to "avoid or minimize impacts to subsistence uses of coastal resources:"

- 
- (b) If your project is located in a subsistence use area designated by the coastal district, provide an analysis or evaluation of its reasonably foreseeable adverse impacts to the subsistence uses.

- 
- (c) No response required.

- (d) If your project is not located in a designated subsistence use area, please describe any subsistence uses of coastal resources within the project area. Please be advised that subsistence use areas may be designated by the department during a review.

Project is located on private property. There are no subsistence activities currently in the area.

- 
- (e) No response required.

**11 AAC 112.280. Transportation routes and facilities.**

**Standard:**

Transportation routes and facilities must avoid, minimize, or mitigate

- (1) alterations in surface and ground water drainage patterns;
- (2) disruption in known or reasonably foreseeable wildlife transit; and
- (3) blockage of existing or traditional access.

**Evaluation:**

If your proposed project includes transportation routes or facilities, describe how it avoids, minimizes, or mitigates

- (1) alterations in surface and ground water drainage patterns;

An arch culvert will be used at the Russian Creek crossing. The arch culvert will not alter the current creek path. All other existing drainage patterns will remain.

- (2) disruption in known or reasonably foreseeable wildlife transit; and

N/A

- (3) blockage of existing or traditional access.

N/A

**11 AAC 112.300. Habitats.**

**Standard:**

- (a) Habitats in the coastal area that are subject to the program are

- (1) offshore areas;
- (2) estuaries;
- (3) wetlands;

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- (4) tideflats;
  - (5) rocky islands and sea cliffs;
  - (6) barrier islands and lagoons;
  - (7) exposed high-energy coasts;
  - (8) rivers, streams, and lakes and the active floodplains and riparian management areas of those rivers, streams, and lakes; and
  - (9) important habitat.
- (b) The following standards apply to the management of the habitats identified in (a) of this section:
- (1) offshore areas must be managed to avoid, minimize, or mitigate significant adverse impacts to competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;
  - (2) estuaries must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) adequate water flow and natural water circulation patterns; and
    - (B) competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;
  - (3) wetlands must be managed to avoid, minimize, or mitigate significant adverse impacts to water flow and natural drainage patterns;
  - (4) tideflats must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) water flow and natural drainage patterns; and
    - (B) competing uses such as commercial, recreational, or subsistence uses, to the extent that those uses are determined to be in competition with the proposed use;
  - (5) rocky islands and sea cliffs must be managed to
    - (A) avoid, minimize, or mitigate significant adverse impacts to habitat used by coastal species; and
    - (B) avoid the introduction of competing or destructive species and predators;
  - (6) barrier islands and lagoons must be managed to avoid, minimize, or mitigate significant adverse impacts (A) to flows of sediments and water;
    - (B) from the alteration or redirection of wave energy or marine currents that would lead to the filling in of lagoons or the erosion of barrier islands; and
    - (C) from activities that would decrease the use of barrier islands by coastal species, including polar bears and nesting birds;
  - (7) exposed high-energy coasts must be managed to avoid, minimize, or mitigate significant adverse impacts
    - (A) to the mix and transport of sediments; and
    - (B) from redirection of transport processes and wave energy;
  - (8) rivers, streams, and lakes must be managed to avoid, minimize, or mitigate significant adverse impacts to
    - (A) natural water flow;
    - (B) active floodplains; and
    - (C) natural vegetation within riparian management areas; and
  - (9) important habitat
    - (A) designated under 11 AAC 114.250(h) must be managed for the special productivity of the habitat in accordance with district enforceable policies adopted under 11 AAC 114.270(g); or
    - (B) identified under (c)(1)(B) or
    - (C) of this section must be managed to avoid, minimize, or mitigate significant adverse impacts to the special productivity of the habitat.
- (c) For purposes of this section,
- (1) "important habitat" means habitats listed in (a)(1) – (8) of this section and other habitats in the coastal area that are
    - (A) designated under 11 AAC 114.250(h);
    - (B) identified by the department as a habitat
      - (i) the use of which has a direct and significant impact on coastal water; and
      - (ii) that is shown by written scientific evidence to be biologically and significantly productive; or
    - (C) identified as state game refuges, state game sanctuaries, state range areas, or fish and game critical habitat areas under AS 16.20;
  - (2) "riparian management area" means the area along or around a waterbody within the following distances, measured from the outermost extent of the ordinary high water mark of the waterbody:
    - (A) for the braided portions of a river or stream, 500 feet on either side of the waterbody;
    - (B) for split channel portions of a river or stream, 200 feet on either side of the waterbody;

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(C) for single channel portions of a river or stream, 100 feet on either side of the waterbody;

(D) for a lake, 100 feet of the waterbody.

**Evaluation:**

(a) List the habitats from (a) above that are within your proposed project area or that could be affected by your proposed project.

Wetlands

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(b) Describe how the proposed project avoids, minimizes, or mitigates impacts to each of the identified habitat(s) in section (a) above.

Wetland fill will be placed only where necessary for new road construction.

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(c) No response required.

**11 AAC 112.310. Air, land and water quality**

**Standard:**

Notwithstanding any other provision of this chapter, the statutes and regulations of the Department of Environmental Conservation with respect to the protection of air, land, and water quality identified in AS 46.40.040(b) are incorporated into the program and, as administered by that department, constitute the exclusive components of the program with respect to those purposes.

**Evaluation:** No response required.

**11 AAC 112.320. Historic, prehistoric, and archeological resources.**

**Standard:**

(a) The department will designate areas of the coastal zone that are important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes.

(b) A project within an area designated under (a) of this section shall comply with the applicable requirements of AS 41.35.010 – 41.35.240 and 11 AAC 16.010 – 11 AAC 16.900.

**Evaluation:**

(a) Have you contacted the State Historic Preservation Office (SHPO) to see if your project is in a designated area of the coastal zone that is important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes?

There are no known sites according to the SHPO office near the project site.

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(b) If your project is within an area designated under (a) of this section, how will you comply with the applicable requirements in the statutes and regulations listed in (b)?

N/A

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State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management

**Affected Coastal District Enforceable Policies**

Evaluate each applicable district enforceable policy using a format similar to the one you completed above for the State Standards. District enforceable policies are available at <http://alaskacoast.state.ak.us/>. If you need more space for an adequate explanation of any of the applicable district enforceable policies, please attach additional pages to the end of this document.

Applicable District Plan(s) None

Enforceable Policy: \_\_\_\_\_

Evaluation: \_\_\_\_\_

Enforceable Policy: \_\_\_\_\_

Evaluation: \_\_\_\_\_

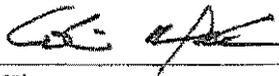
Enforceable Policy: \_\_\_\_\_

Evaluation: \_\_\_\_\_

**Certification Statement**

The information contained herein is true and complete to the best of my knowledge. I certify that the proposed activity complies with, and will be conducted in a manner consistent with, the Alaska Coastal Management Program.

Colin Meehan, P.E.  
Signature of Applicant or Agent



10/2/09  
Date

*Note:* Federal agencies conducting an activity that will affect the coastal zone are required to submit a federal consistency determination, per 15 CFR 930, Subpart C, rather than this certification statement. ACMP has developed a guide to assist federal agencies with this requirement. Contact ACMP to obtain a copy.

This certification statement will not be complete until all required State and federal authorization requests have been submitted to the appropriate agencies.

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**Project Description:** Please provide or attach a brief description of your project including the planned work, any effects to coastal uses and resources and how your project is being designed to avoid, minimize and mitigate those effects.

New access road approximately 4,000 linear feet in length. Road alignment will require one crossing over Russian Creek. A 15 foot radius arch culvert will be used for the crossing. Construction will include clearing and grubbing of the proposed alignment; Placing fill material for road base; and installing arch culvert.

**Project Area:** Please provide or attach a map of your project location and your proposed work. (Including nearest community, the name of the nearest land feature or body of water, and other legal description such as a survey or lot number.)

Nearest Community: Pedro Bay

Nearest Waterbody: Lake Iliamna

Legal Survey Description: Russian Creek Subd., Addn. No. 1, Lot 2

DIVISION OF MINING, LAND AND WATER  
**WATER RESOURCES SECTION**

[www.dnr.state.ak.us/mlw/water/index.htm](http://www.dnr.state.ak.us/mlw/water/index.htm)



Alaska Department of  
**NATURAL  
 RESOURCES**

Anchorage Office 550 West 7 <sup>th</sup> Avenue, Suite 1020 Anchorage, AK 99501-3562 (907) 269-8600 Fax: (907) 269-8947	Juneau Office PO Box 111020 400 Willoughby Avenue Juneau, AK 99811-1020 (907) 465-3400 Fax: (907) 586-2954	Fairbanks Office 3700 Airport Way Fairbanks, AK 99709-4699 (907) 451-2790 Fax: (907) 451-2703	<i>For ADNR Use Only Date/Time Stamp</i>
<i>For ADNR Use Only TWUP #</i>	<i>For ADNR Use Only CID #</i>	<i>For ADNR Use Only Receipt Type WR</i>	

**APPLICATION FOR TEMPORARY USE OF WATER**

**INSTRUCTIONS**

1. Complete one application for each project including up to five water sources (incomplete applications will not be accepted).
2. Attach legible map that includes meridian, township, range, and section lines such as a USGS topographical quadrangle or subdivision plat. Indicate water withdrawal point(s), location(s) of water use, and point(s) of return flow or discharge (if applicable).
3. Attach sketch, photos, plans of water system, or project description (if applicable).
4. Attach driller's well log for drilled wells (if available).
5. Attach copy of ADNR fish habitat permit (if applicable).
6. Attach completed Coastal Project Questionnaire (if applicable - see page 4).
7. Submit non-refundable fee (see page 4).

**APPLICANT INFORMATION**

Pedro bay Landfill Access Road

Project Name

Pedro Bay Village Council

Organization Name (if applicable)

Rodney P. Kinney Associates, Inc

Agent or Consultant Name (if applicable)

Individual Name (if applicable)

Individual Co-applicant Name (if applicable)

16515 Centerfield Dr

Eagle River

AK

99577

Mailing Address

City

State

Zip Code

(907) 694-2332

Daytime Phone Number

Alternate Phone Number (optional)

(907) 694-1807

colinm@rpka.net

Fax Number (if available)

E-Mail Address (optional)

**PROPERTY DESCRIPTIONS**

**Location of Water Use**

Project Area (e.g. milepost range, place name, survey number)	Meridian	Township	Range	Section	Quarter Sections	
VILLAGE OF PEDRO BAY	SEWARD	5S	28W	5	¼	¼
					¼	¼

**Location of Water Source**

Geographic Name of Water Body or Well Depth	Meridian	Township	Range	Section	Quarter Sections	
LAKE ILIAMNA, SMOKEHOUSE BAY	SEWARD	5S	28W	5	¼	¼
					¼	¼
					¼	¼
					¼	¼
					¼	¼

**Location of Water Return Flow or Discharge (if applicable)**

Geographic Name of Water Body or Well Depth	Meridian	Township	Range	Section	Quarter Sections	
					¼	¼
					¼	¼

**METHOD OF TAKING WATER**

<b>Pump</b>	Pump Intake <u>UNKNOWN</u> Inches	Hours Working _____ Hours/Day
	Pump Output _____ GPM	Length of Pipe _____ Feet (from pump to point of use)
<b>Gravity</b>	Pipe Diameter _____ Inches	Length of Pipe _____ Feet (take point to point of use)
	Head _____ Feet	
<b>Ditch</b>	L _____ H _____ W _____ Feet	Diversion Rate _____ <input type="checkbox"/> GPM or <input type="checkbox"/> CFS
<b>Reservoir</b>	L _____ H _____ W _____ Feet	Water Storage _____ Acre-feet
<b>Dam</b>	L _____ H _____ W _____ Feet	Water Storage _____ Acre-feet

**AMOUNT OF WATER**

Purpose of Water Use	Quantity of Water			Season of Use	
	Maximum Withdrawal Rate	Total Daily Amount	Total Seasonal Amount	Date Work Will Start	Date Work Will be Completed
COMPACTION/DUST CONTROL	2000 GAL/WEEK	2000 GAL	24,000 GAL	JUNE 1, 2010	OCTOBER 31, 2011
Project Totals		2000 GAL/WEEK	24,000 GAL	Total years needed: 1 1/2 years	

**PROJECT DESCRIPTION**

What alternative water sources are available to your project should a portion of your requested diversion be excluded because of water shortage or public interest concerns?

NONE

Are there any surface water bodies or water wells at or near your site(s) that could be affected by the proposed activity? If yes, list any ground water monitoring programs going on at or near the sites, any water shortages or water quality problems in the area, and any information about the water table, if known.

NONE

Briefly describe the type and size of equipment used to withdraw and transport water, including the amount of water the equipment uses or holds.

PUMP WILL BE USED TO FILL TRUCKS TO DISPERSE WATER ALONG ACCESS ROAD DURING CONSTRUCTION FOR COMPACTION AND DUST CONTROL.

Briefly describe what changes at the project site and surrounding area will occur or are likely to occur because of construction or operation of your project (e.g. public access, streambed alteration, trenching, grading, excavation).

PUBLIC ACCESS WILL BE AVAILABLE TO NEW PROPOSED LANDFILL. EXCAVATION AND FILL WILL BE NEEDED BENEATH NEW ROAD ARCH CULVERT WILL BE PLACED FOR CROSSING RUSSIAN CREEK. EXISTING DRAINAGE WILL BE MAINTAINED THROUGHOUT SITE.

Briefly describe land use around the water take, use, and return flow points (e.g. national park, recreational site, residential).

REMOTE VILLAGE IS LOCATED NEAR PROJECT SITE. WATER WILL BE USED FOR COMPACTION AND DUST CONTROL. EXCESS WATER WILL INFILTRATE INTO VEGETATED AREAS SURROUNDING PROJECTS.

Will project be worked in phases? State reason for completion date.

CONSTRUCTION WILL BE DURING SUMMER AND ADDITIONAL TIME MAY BE USED IF WEATHER CONDITIONS ALLOW. EARTHWORK MAY NOT BE COMPLETED DURING FREEZING TEMPERATURES.

Briefly describe your entire project:

PROJECT INCLUDES AN ACCESS ROAD AND ARCH CULVERT TO PROPOSED LANDFILL SITE.

NEW ROAD AND ARCH CULVERT ARE DESIGNED TO FHWA, STATE OF ALASKA, AND AASHTO STANDARDS. THE ACCESS

ROAD IS APPROXIMATELY 0.74 MILES.

(Attach extra page if needed.)

11 AAC 93.220 sets out the required information on the application and authorizes the department to consider any other information needed to process an application for a temporary use of water. This information is made a part of the state public water records and becomes public information under AS 40.25.110 and 40.25.120. 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.

<b>SIGNATURE</b>	
The information presented in this application is true and correct to the best of my knowledge. I understand that no water right or priority is established per 11 AAC 93.210-220, that the water used remains subject to appropriation by others, and that a temporary water use authorization may be revoked if necessary to protect the water rights of other persons or the public interest.	
 <hr/> Signature COLIN MEEHAN <hr/> Name (please print)	10/2/09 <hr/> Date Project Engineer <hr/> Title (if applicable)

<b>REFERENCES</b>																															
<b>Measurement Units</b> GPD = gallons per day CFS = cubic feet per second GPM = gallons per minute AF = acre-feet AFY = acre-feet per year (325,851 gallons/year) AFD = acre-feet per day (325,851 gallons/day) MGD = million gallons per day																															
<b>Conversion Table</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><u>5,000 GPD=</u></td> <td style="text-align: center;"><u>30,000 GPD=</u></td> <td style="text-align: center;"><u>100,000 GPD=</u></td> <td style="text-align: center;"><u>500,000 GPD=</u></td> <td style="text-align: center;"><u>1,000,000 GPD=</u></td> </tr> <tr> <td style="text-align: center;">0.01 CFS</td> <td style="text-align: center;">0.05 CFS</td> <td style="text-align: center;">0.2 CFS</td> <td style="text-align: center;">0.8 CFS</td> <td style="text-align: center;">1.5 CFS</td> </tr> <tr> <td style="text-align: center;">3.47 GPM</td> <td style="text-align: center;">20.83 GPM</td> <td style="text-align: center;">69.4 GPM</td> <td style="text-align: center;">347.2 GPM</td> <td style="text-align: center;">694.4 GPM</td> </tr> <tr> <td style="text-align: center;">5.60 AFY</td> <td style="text-align: center;">33.60 AFY</td> <td style="text-align: center;">112.0 AFY</td> <td style="text-align: center;">560.1 AFY</td> <td style="text-align: center;">1120.1 AFY</td> </tr> <tr> <td style="text-align: center;">0.2 AFD</td> <td style="text-align: center;">0.09 AFD</td> <td style="text-align: center;">0.3 AFD</td> <td style="text-align: center;">1.5 AFD</td> <td style="text-align: center;">3.1 AFD</td> </tr> <tr> <td style="text-align: center;">0.01 MGD</td> <td style="text-align: center;">0.03 MGD</td> <td style="text-align: center;">0.1 MGD</td> <td style="text-align: center;">0.5 MGD</td> <td style="text-align: center;">1.0 MGD</td> </tr> </table>		<u>5,000 GPD=</u>	<u>30,000 GPD=</u>	<u>100,000 GPD=</u>	<u>500,000 GPD=</u>	<u>1,000,000 GPD=</u>	0.01 CFS	0.05 CFS	0.2 CFS	0.8 CFS	1.5 CFS	3.47 GPM	20.83 GPM	69.4 GPM	347.2 GPM	694.4 GPM	5.60 AFY	33.60 AFY	112.0 AFY	560.1 AFY	1120.1 AFY	0.2 AFD	0.09 AFD	0.3 AFD	1.5 AFD	3.1 AFD	0.01 MGD	0.03 MGD	0.1 MGD	0.5 MGD	1.0 MGD
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<b>Fee required by regulation 11 AAC 05.010(a)(8)</b> <ul style="list-style-type: none"> <li>• \$350 for all uses of water from up to five water sources</li> </ul> Make checks payable to "Department of Natural Resources".																															
<b>Coastal Zone</b> If this appropriation is within the Coastal Zone, and you are planning to use more than 1,000 GPD from a surface water source or 5,000 GPD from a subsurface water source, you need to submit a completed Coastal Project Questionnaire with this application. For more information on the Coastal Zone, contact the Office of Project Management and Permitting; Anchorage 269-7470, Juneau 465-3562, <a href="http://www.dnr.state.ak.us/acmp/">www.dnr.state.ak.us/acmp/</a> .																															

**U.S. Army Corps of Engineers, Alaska District**  
**PRECONSTRUCTION NOTIFICATION FORM**

May be used instead of Form ENG 4345 to request authorization under a Nationwide Permit (NWP)

<b>Applicant:</b> Pedro Bay Village Council	Phone: (907) 850-2225
<b>Address:</b> PO Box 47020	Fax:
<b>City, State, Zip:</b> Pedro Bay, Alaska 99647	Cell/Direct Line:
<b>Point of Contact:</b> John Baalke	e-mail: jbmosaic@hotmail.com

<b>Agent:</b> Rodney P. Kinney Associates, Inc.	Phone: (907) 694-2332
<b>Address:</b> 16515 Centerfield Drive, Suite 101	Fax: (907) 694-1807
<b>City, State, Zip:</b> Eagle River, Alaska 99577	Cell/Direct Line:
<b>Point of Contact:</b> Colin Meehan, P.E.	e-mail: colinm@rpka.net

**Location of the Proposed Project Site:**

<b>Nearest Waterway:</b> Russian Creek	
<b>Section, Township, Range, and Meridian:</b> Seward Meridian, T5S, R28W, Sec. 5	
<b>Latitude and Longitude (Decimal Degrees, NAD-83):</b> 59.7803, -154.0857	
<b>Nearest City:</b> Pedro Bay	<b>Subdivision:</b> Russian Creek Subd.
<b>Borough:</b> Lake and Peninsula	<b>USGS Quad(s):</b> Iliamna D-3
<b>Driving Directions to Site:</b> One mile south of town on Pedro Bay Road	

**Project Description:**

<p>To ensure your project meets the requirements for a NWP, read all of the NWP General Conditions and Regional Conditions, which can be found on our website at <a href="http://www.poa.usace.army.mil/reg/NWPs.htm">http://www.poa.usace.army.mil/reg/NWPs.htm</a>.</p>
<p>Description of the proposed project, including the area of impacts and the volume of fill material to be used (If there is a NWP that you think would apply to your proposed project, please include that in this section):</p> <p>New access road approximately 4,000 linear feet in length. Road alignment will require one crossing over Russian Creek. A 15 foot radius arch culvert will be used for the crossing. Construction will include clearing and grubbing of the proposed alignment; placing fill material for the road base; and installing an arch culvert. Approximately 15 feet of fill will be placed over the arch culvert to the finish elevation of the access road. Russian Creek will not be diverted during or after construction of the culvert. Creek banks in the area of the culvert will be constructed using rip rap around culvert foundations.</p> <p>The wetland determination POA-1998-691, Russian Creek, states there are no wetlands within the project limits.</p>
<p><b>Project purpose:</b></p> <p>The new road and arch culvert will provide access to a future village landfill site.</p>
<p><b>Describe any direct and/or indirect adverse environmental effects that may result from the proposed project:</b></p> <p>Clearing and grubbing of all organic material will be completed under the road section. The area of clearing varies depending on the depth of fill from existing grades.</p>

Do you intend to use any other authorizations for any part of the proposed project or any related activity, for example, a NWP, General Permit (GP), or Individual Permit (IP)?

NO

If YES, specify what permit type (NWP, GP, IP) and for what aspect of the project:

Will your proposed project result in the loss of greater than 1/10 of an acre of wetlands?

NO

If YES, describe how you will satisfy the mitigation requirement in Nationwide Permit General Condition 20 (attached). If additional space is needed, please attach sheets.

Are there any threatened or endangered species that may be affected by the proposed work or utilize the designated critical habitat that may be affected by the proposed work? Contact USFWS or NMFS...

NO

If YES, list all species:

Are there any historic properties that may be affected by the proposed work? Contact SHPO...

NO

If YES, state which property or properties may be affected and/or attach a vicinity map indicating the location of the historic property or properties.

Will the proposed work involve ground disturbing activities?

YES

If YES, attach a short narrative describing the topsoil or organic materials (including seed) that you intend to use for rehabilitation. If you intend to use other locally-obtained native materials, identify the source.

Attach the following in addition to the above applicable items:

- Drawings of the site and project plans (For more information on acceptable drawings and plans, please visit our website at <http://www.poa.usace.army.mil/reg/permitapp.htm> and click on "Guide to Drawings")
- Delineation of special aquatic sites including wetlands, riffle and pool complexes, sanctuaries and refuges, mudflats, vegetated shallows, and/or coral reefs. You may request a delineation from the Corps. Please visit our website for the Request Jurisdictional Determination from the Corps Form at <http://www.poa.usace.army.mil/reg/JD%20Request%20Form%20Web.pdf>.  
Note: If you request a Corps delineation, you may be delayed in receiving authorization for your proposed project.

Application is hereby made for a permit or permits to authorize the work described in this preconstruction notification form. I certify the information in this preconstruction notification form 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.

\_\_\_\_\_  
SIGNATURE OF APPLICANT

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF AGENT

\_\_\_\_\_  
DATE

## NATIONWIDE PERMIT GENERAL CONDITION 20: MITIGATION

The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that adverse effects on the aquatic environment are minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating) will be required to the extent necessary to ensure that the adverse effects to the aquatic environment are minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10 acre and require pre-construction notification, unless the district engineer determines in writing that some other form of mitigation would be more environmentally appropriate and provides a project-specific waiver of this requirement. For wetland losses of 1/10 acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in minimal adverse effects on the aquatic environment. Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, wetland restoration should be the first compensatory mitigation option considered.

(d) For losses of streams or other open waters that require pre-construction notification, the district engineer may require compensatory mitigation, such as stream restoration, to ensure that the activity results in minimal adverse effects on the aquatic environment.

(e) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWP. For example, if an NWP has an acreage limit of 1/2 acre, it cannot be used to authorize any project resulting in the loss of greater than 1/2 acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that a project already meeting the established acreage limits also satisfies the minimal impact requirement associated with the NWP.

(f) Compensatory mitigation plans for projects in or near streams or other open waters will normally include a requirement for the establishment, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, riparian areas may be the only compensatory mitigation required. Riparian areas should consist of native species. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(g) Permittees may propose the use of mitigation banks, in-lieu fee arrangements or separate activity-specific compensatory mitigation. In all cases, the mitigation provisions will specify the party responsible for accomplishing and/or complying with the mitigation plan.

(h) Where certain functions and services of waters of the United States are permanently adversely affected, such as the conversion of a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse effects of the project to the minimal level.

Alaska Department of Environmental Conservation  
Air Quality Minor Permit Application

ADEC USE ONLY

Receiving Date:

ADEC Control Number

AQ      MSS      :



STATIONARY SOURCE IDENTIFICATION FORM

Section 1 Stationary Source Information

Stationary Source Name: Pedro Bay Landfill Access Road		SIC:	
Project Name (if different):	Stationary Source Contact: John Baalke		
Source Physical Address:	City: Pedro Bay	State: AK	Zip: 99647
	Telephone: (907) 850-225		
	E-Mail Address: jbmosaic@hotmail.com		
UTM Coordinates (m) or Latitude/Longitude:	Northing:	Easting:	Zone:
	Latitude: 59.7803	Longitude: -154.0857	

Section 2 Legal Owner

Name: Pedro Bay Village Council		
Mailing Address: PO Box 47020		
City: Pedro Bay	State: AK	Zip: 99647
Telephone #: (907) 850-2225		
E-Mail Address: jbmosaic@hotmail.com		

Section 3 Operator (if different from owner)

Name:		
Mailing Address:		
City:	State:	Zip:
Telephone #:		
E-Mail Address:		

Section 4 Designated Agent (for service of process)

Name: Colin Meehan, Rodney P. Kinney Associates, Inc.		
Mailing Address: 16515 Centerfield Drive, Suite 101		
City: Eagle River	State: AK	Zip: 99577
Physical Address: Same		
City:	State:	Zip:
Telephone #: (907) 694-2332		
E-Mail Address: colinm@rpka.net		

Section 5 Billing Contact Person (if different from owner)

Name:		
Mailing Address:		
City:	State:	Zip:
Telephone #:		
E-Mail Address:		

Section 6 Application Contact

Name: Colin Meehan			
Mailing Address: 16515 Centerfield Drive, Suite 101			
City: Eagle River	State: AK	Zip: 99577	
Telephone: (907) 694-2332			
E-Mail Address: colinm@rpka.net			

Section 7 Desired Process Method

(Check only one - see 18 AAC 50.542(a) for process descriptions and restrictions)

Fast Track [18 AAC 50.542(b)]

Public Comment [18 AAC 50.542(d)]

**STATIONARY SOURCE IDENTIFICATION FORM**

**Section 8 Project Description**

Provide/attach a short narrative describing the project. Discuss the purpose for conducting this project, what emission units/activities will be added/modified under this project (i.e., project scope), and the project timeline. If the project is a modification to an existing stationary source, describe how this project will affect the existing process. Include any other discussion that may assist the Department in understanding your project or processing your application. Include a schedule of construction and the desired date for permit issuance.

If this application includes an Owner Requested Limit or a request to revise an existing permit term or condition, describe the intent of the limit, and provide sample language for the limit, and for monitoring, record keeping, and reporting for showing compliance with the limit.

*Add additional pages if necessary.*

A new access road is to be constructed providing access to a future landfill site. The road will require structural backfill material to be placed as road foundation. The local borrow source for the village is located near the airport and is used for all construction project throughout the village. It is anticipated a rock crusher will be used to process the needed fill material for the road. It will be the responsibility of the contractor to mobilize and operate the rock crusher for this project. It is not known at this time who the contractor will be, or what type of crusher will be used. It is estimated the rock crusher will have the capability of producing a minimum of five tons per hour. Construction is anticipated to begin in the summer of 2010 and be complete the summer of 2013.

**STATIONARY SOURCE IDENTIFICATION FORM**

**Section 9 Source Classification(s)** (Check all that apply)

[18 AAC 50.502(b)]

- Asphalt Plant [≥ 5 ton per hour]
- Thermal Soil Remediation Unit [≥ 5 ton per hour]
- Rock Crusher [≥ 5 ton per hour]
- Incinerator(s) [total rated capacity ≥ 1000 lb/hour]
- Coal preparation plant
- Port of Anchorage Facility

If you checked any of the above, is (are) the emission unit(s)  new,  relocated\*, or  existing?

[18 AAC 50.502(c)(1)]

New or relocated\* stationary source with potential emissions greater than:

- 40 tons per year (TPY) NO<sub>x</sub>
- 40 tons per year SO<sub>2</sub>
- 15 tons per year PM-10
- 0.6 tons per year lead
- 100 tons per year CO in a nonattainment area

[18 AAC 50.502(c)(2)]

Construction or relocation\* of a:

- Portable oil and gas operation
- 10 MMBtu/hr fuel burning equipment in a SO<sub>2</sub> special protection area

\*Relocation does NOT include moving equipment from one place to another within your current stationary source boundary.

**Section 10 Modification Classification(s)** (Check all that apply)

[18 AAC 50.502(c)(3)]

- NO<sub>x</sub> Increase > 10 TPY [and existing PTE > 40 tons per year]
- SO<sub>2</sub> Increase > 10 TPY [and existing PTE > 40 tons per year]
- PM-10 Increase > 10 TPY [and existing PTE > 15 tons per year]
- CO Increase > 100 TPY [and existing PTE > 100 tons per year in a nonattainment area]

Basis for calculating modification:

- Projected actual emissions - baseline actual emissions
- New potential emissions - existing potential emissions

**Section 11 Permit Action Request** (Check all that apply)

[18 AAC 50.508]

- Clean Unit designation (vacated by Court)
- Pollution Control Project designation (vacated by Court)
- Establish Plantwide Applicability Limitation
- Establish emission reductions to offset nonattainment pollutant
- Owner Requested Limit\*
- Revise or Rescind Title I Permit Conditions\*

Permit Number:      Date:      Condition #:

\*Which to use? See <http://www.dec.state.ak.us/air/ap/docs/orlrc.pdf>

**Section 12 Existing Permits and Limits**

For an existing stationary source, do you have an existing: (Check any that apply)

- Air quality permit      Number(s)\*:
- Owner Requested Limit      Number(s):
- Pre Approved (Emission) Limit      Number(s)\*\*:

\* All valid construction, Title V, and minor permit numbers.

\*\*Optional. Please provide this number if possible.

See <http://www.state.ak.us/dec/air/ap/pals.htm>

**Section 13 Other Application Material**

The information listed below must be included in your air quality control minor permit application. Note: These must be attached in order for your application to be complete.

If required to submit an analysis of ambient air quality under 18 AAC 50.540(c)(2), or if otherwise requested by the department:

- Attached are maps, plans, and/or aerial photographs as necessary to show the locations and distances of
  - emissions units, buildings, emitting activities and boundaries of the associated with the stationary source, and
  - nearby or adjacent residences, roads, other occupied structures and general topography within 15 kilometers.(Indicate compass direction and scale on each.)

- Attached is a document (eg., spreadsheet) showing coordinates and elevations of each modeled unit, along with parameters necessary to characterize each unit for dispersion modeling.

- Attached is an electronic copy of all modeling files.

If located within an approved coastal district:

- Attached is a completed Coastal Project Questionnaire (CPQ) for the stationary source

**STATIONARY SOURCE IDENTIFICATION FORM**

**Section 14 Certification**

This certification applies to the Air Quality Control Minor Permit Application for the Pedro Bay Landfill Access Road submitted to the department on: \_\_\_\_\_ (Stationary Source Name)

**Type of Application**

- Initial Application
- Change to Initial Application

The application is **NOT** complete unless the certification of truth, accuracy, and completeness on this form bears the **signature of a responsible official** of the firm making the application. (18 AAC 50.205)

**CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS**

"Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete."

Signature: 	Date: 10/2/09
Printed Name: Colin Meehan, P.E.	Title: Project Engineer

**Section 15 Attachments**

Attachments Included. List attachments: Material Site Figure  
Wetland Delineation Map  
CPQ

**Section 16 Mailing Address**

Submit the minor permit application to the Construction Permit Supervisor in the department's Juneau office. Submitting to a different office will delay processing. The mailing address and phone number for the Juneau office is:

ADEC, Air Permits Program  
410 Willoughby Ave., Suite 303  
P.O. Box 111800  
Juneau, AK 99811-1800

(907) 465-5100