

Great Pacific Cable, LLC

July 8, 2009

State of Alaska
Department of Natural Resources, Division of Coastal and Ocean Management
Southcentral Regional Office
550 W 7th Avenue, Suite 705
Anchorage, Alaska 99501

Attn:

Margie Goatley, Project Review Coordinator

SUBJECT:

Northern Fiber Optic Link

Dear Ms. Goatley:

Find enclosed revised Coastal Project Questionnaire for the Northern Fiber Optic Link cable system and supplemental information including a project description, site map, plans and profiles, and civil works drawings.

Thank you for your review of this project and please do not hesitate to contact me with questions or comments.

Sincerely

Ik Icard

Great Pacific Cable, LLC

P.O. Box 1411

Kingston, Washington 98346

enclosures

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/PRCregcont.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 <u>Juneau Project Review</u> at (907) 465-2142, or the <u>Anchorage Project Review</u> 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/pcpq.html

■ APPLICANT INFORMATION

1. Kodiak Kenai Cable Company LLC		2. Great Pacific Cable	ELLC		
Name of Applicant Agent (or responsible party if other than applic		rty if other than applicant)			
2702 Denali Street, Suite 10)0	P.O. BOX 1411			
Address		Address			
Anchorage, AK 99503		Kingston, WA 983	346		
City/State/Zip		City/State/Zip			
907 278-6100		360 981-1704			
Daytime Phone		Daytime Phone			
907 222-2760		ikicard@icardllc.c	om		
Fax Number E-mail Address		Fax Number E-mail	Address		
				Yes	No
■ PROJECT INFORMATION		1141 4		1 68	No
1. This activity is a: new project					
2. If this is a modification or an additi			rovais for this activity?	Ш	Ш
NOTE: Approval means any form of			Familian Data		
Approval Type	Approval #	Issuance Date	Expiration Date		1
					1
					1
3. If this is a modification, was this or					
Program? Previous ACMP I.D. Number:				Ш	
Previous Project Name:					
r revious r roject rvaine.	Fievious	STOJECT 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 CPQ Revised 8/15/2008

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: 3/1/2009 Proposed ending date for project: 12/31/2011 ■ 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 see attached Table 1 Range _____ Section ___ _____ Meridian Latitude/Longitude _____/ ____(specify Decimal Degrees or Degrees, Minutes, Seconds) USGS Quad Map ___ 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. \times 6. Is the project within or associated with the Trans Alaska Pipeline corridor? **■ COASTAL DISTRICT** Yes No 7. Is the project located in a <u>coastal district</u>? If yes, identify the applicable coastal district(s) North Slope Borough, Northwest Arctic Borough, City of Nome, Bering Straits CRSA, Ceñaliulriit CRSA, City of Bethel, Aleutians East, Aleutians West CRSA, Bristol Bay Borough, Bristol Bay CRSA, Lake and Peninsula Borough, Kodiak Island Borough 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.) \boxtimes 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: Cynthia Zuelow-Osborne, 2/2/09 b) Is an application required for the proposed activity? \boxtimes 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? M a) Location of excavation site if different than the project site: Township _____ Range ____ Section ____ Meridian _____ 4. At any one site (regardless of land ownership), do you plan any of the following? \bowtie 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? \boxtimes a) Location of fill or material disposal site if different than the project site:

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Township Range Section Meridian		
 6. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>Division of Mining</u>, <u>Land and Water</u> regional office for information. a) Name/date of Contact: <u>N/A</u> 	_	
b) Is an application required for the proposed activity?	Ц	
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?	Ħ	\boxtimes
9. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>Division of Mining</u> , <u>Land and Water</u> regional office for information.	_	_
a) Name/date of Contact: N/A		
b) Is an application required for the proposed activity?	Ш	Ш
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.)		\boxtimes
☐ Public Water system (name):		
b) Intended use(s) of water:		
c) Amount (maximum daily, not average, in gallons per day):		
d) Is the point of water withdrawal on property you own?		\boxtimes
11. Do you plan to build or alter a dam (regardless of land ownership)?		\boxtimes
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: N/A		
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		\square
commercial timber harvest operation.	Ш	\boxtimes
14. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>Division of Forestry</u> regional office for information.		
a) Name/date of Contact: N/A		
b) Is an application required for the proposed activity?		
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isn't required. Explanation:			
		• •	
DNR DIVISION OF OIL & GAS		Yes	No
15. a) Will you be exploring for or producing oil and/or gas?		H	\boxtimes
b) Will you conduct surface use activities on/within an oil and gas lease or unit If yes, please specify:	L?	Ш	
16. Do you plan to drill a geothermal well (regardless of land ownership)?			\boxtimes
17. If you answered yes to any question above, indicate the person you contacted a		Ш	
office for information.	at the appropriate <u>Division of On & Gas</u>		
a) Name/date of Contact: N/A			
b) Is an application required for the proposed activity?			П
c) If "YES" then submit a signed copy of the completed application to the DC			
isn't required. Explanation:			
Visit the <u>Division of Oil & 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 paleontol	• • • • •		
old) on State-owned land?		\boxtimes	
19. If you answered yes to the question above, indicate the person you contacted a	t the State Historic Preservation Office		
for information.			
a) Name/date of Contact: T/B/D			
DND DIVISION OF CEOLOCICAL & CEODUVSICAL SUDVEYS		Yes	No
<u>DNR DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS</u> 20. Is the proposed project located within a natural hazard area designated by a coastal district in the approved district			140
plan? (Refer to the <u>district plan</u> or contact the <u>coastal district office</u> .)			\boxtimes
a) If "yes", describe the measures you will take in the siting, design, construction		ш	
to protect public safety, services, and the environment from potential damag			
hazard(s) in the Natural Hazards portion of the attached Coastal Consistency			
21. If you have contacted someone, please indicate the person you contacted at the			
information. The Division of Geological & Geophysical Survey may have add			
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 includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Alaska State Park System includes the control of the Control of the Alaska State Park System includes the control of			
submerged lands to three miles offshore?			\boxtimes
23. If you answered yes to any question above, indicate the person you contacted a	at the appropriate DNK Division of Parks		
& Recreation office for information.			
a) Name/date of Contact: t/b/d			
b) Is an application required for the proposed activity?			Ш
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:			
ish croquited. 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		
Submerged Lands Easement	3/19/09		
·			
	1		

■ DEPARTMENT OF FISH AND GAME (DFG) APPROVALS

Yes No

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State of Alaska, Department of Natural Resources, Division of Coastal & Ocean Management 1. Is your project located in a designated State Game Refuge, Critical Habitat Area or State Game Sanctuary? 2. Does your project include construction/operation of a salmon hatchery? 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.) \boxtimes a) If yes, name of waterbody: Kuskokwim River 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 <u>Commercial Fisheries</u>. Other projects should contact the <u>Division of Habitat</u>.) a) Name/date of Contact: t/b/d 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 to provide comments through DCOM CPQ review process **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 ■ 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: Nondomestic 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.) \boxtimes 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 <u>DEC-Division of Water</u> for information. a) Name/date of Contact: N/A 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: CPQ Revised 8/15/2008 Page 5 of 19

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? (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.) b) Will your project result in treatment of solid waste at the site? (Examples of treatment methods include, but are not		\boxtimes
limited to: incineration, open burning, baling, and composting.)		\boxtimes
c) Will your project result in storage or transfer of solid waste at the site?	H	\boxtimes
e) Will any sewage solids or biosolids be disposed of or land-applied to the site? (NOTE: Sewage solids include wastes	щ	
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.)	П	\boxtimes
5. Will your project require application of oil, pesticides, and/or any other broadcast chemicals?	H	
6. Does your project qualify for a general permit for solid waste?		\boxtimes
7. If you answered yes to any question above, indicate the person you contacted at the <u>DEC-Division of Environmental</u>		
Health for information.		
a) Name/date of Contact: N/A b) Is an application required for the proposed activity?	\Box	П
c) If "YES" then submit a signed copy of the completed application to the DCOM. If "No", explain why an application	Ц	Ш
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?		\boxtimes
b) Will you have a thermal remediation unit with a rated capacity of at least five tons per hours of untreated material?		
c) Will you have a rock crusher with a rated capacity of at least five tons per hour?		\boxtimes
d) Will you have one or more incinerators with a cumulative rated capacity of 1,000 pounds or more per hour?	닏	
e) Will you have a coal preparation plant?	H	M
f) Will you have a Port of Anchorage stationary source?	H	
h) Will you have a facility with the potential to emit no less than 10 tons per year of any hazardous air contaminant or	ш	
25 tons per year of all hazardous air contaminants?		\boxtimes
i) Will you be constructing a new stationary source with a potential to emit greater than:		\boxtimes
15 tons per year (tpy) of PM-10		
40 tpy of nitrogen oxides		
☐ 40 tpy of sulfur dioxide ☐ 0.6 tpy of lead; or		
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? (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)	Ц	\boxtimes
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?	П	\boxtimes
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:		\boxtimes
☐ 10 tpy of PM-10 ☐ 10 tpy of sulfur dioxide		
10 tpy of sultur dioxide 10 tpy of nitrogen oxides; or		
100 tpy of CO within 10 km of a nonattainment area; or		
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actual emissions and a net emissions increase greater than:		
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?		\boxtimes
n) Will you be commencing construction or making a major modification of a nonattainment area major stationary	_	_
source under 18 AAC 50.311?		\boxtimes
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		\square
http://www.epa.gov/ttn/oarpg/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	Ш	\boxtimes
information.		
a) Name/date of Contact: N/A		
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	Ш	Ш
isn't required. Explanation:		
<u>DEC DIVISION OF SPILL PREVENTION AND RESPONSE</u> 10 a) Will your project involve the operation of waterborne tank vessels or oil barges that carry crude or non crude oil as	Yes	No
bulk cargo, or the transfer of oil or other petroleum products to or from such a vessel or a pipeline system?		\boxtimes
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?		\boxtimes
c) Will you operate facilities on land or water for exploration or production of hydrocarbons?		\boxtimes
11. If you answered yes to any questions above, indicate the person you contacted at the <u>DEC-Division of Spill Prevention</u>		
and Response office for information.		
a) Name/date of Contact: N/A	_	_
b) Is a plan required for the proposed activity?	Ш	Ш
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		
■ 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		
1000 1 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ш	
1899 requires that a Department of the Army permit be obtained for structures or work in or affecting navigable waters	Ц	×
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,	Ц	×
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	Ш	M
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,		

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3. If you answered yes to the question above, indicate the person you contacted at the <u>US Army Corps of Engineers</u> for information.		
a) Name/date of Contact: Mary Laykom, 6/4/09 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: t/b/d - ACOE Nationwide Permit 12		
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?		\boxtimes
 If you answered yes to the question above, indicate the person you contacted at the <u>Bureau of Land Management</u> for information. 		
a) Name/date of Contact:	_	
b) Is an application required for the proposed activity?	П	Ш
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?		\boxtimes
b) Does your project involve building an access to an island?		\boxtimes
c) Do you plan to site, construct, or operate a deepwater port?		\boxtimes
7. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>US Coast Guard</u> office for information.		
a) Name/date of Contact: N/A		
b) Is an application required for the proposed activity?	Ц	Ш
U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)	Yes	No
8 a) Will the proposed project have a discharge to any waters?	П	\boxtimes
b) Will you dispose of sewage sludge?		$\overline{\boxtimes}$
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.)	Ш	\boxtimes
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	П	\boxtimes
9. If you answered yes to any question above, indicate the person you contacted at the <u>US Environmental Protection</u>	Ш	
Agency for information.		
a) Name/date of Contact: N/A		_
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)	Yes	No
10 a) Is your project located within five miles of any public airport?	\boxtimes	
b) Will you have a waste discharge that is likely to decay within 5,000 feet of any public airport?		\boxtimes
11. If you answered yes to the question above, indicate the person you contacted at the <u>Federal Aviation Administration</u> for information.		
a) Name/date of Contact: N/A		

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FEDERAL ENERGY REGULATORY COMMISSION (FERC) 12 a) Does the project include any of the following: 1) a non-federal hydroelectric project on any navigable body of water	Yes	No
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)?		\square
c) Does the project include construction and operation of natural gas or liquefied natural gas importation or	Ш	\boxtimes
exportation facilities under section 3 of the NGA?		\boxtimes
202 (b) of the FPA?		\boxtimes
13. If you answered yes to any question above, indicate the person you contacted at the appropriate <u>Federal Energy</u>		
Regulatory Commission office for information. a) Name/date of Contact: N/A		
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. FOREST SERVICE (USFS)	Yes	No
14 a) Does the proposed project involve construction on USFS land?		\boxtimes
b) Does the proposed project involve the crossing of USFS land with a water line?		\boxtimes
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 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?		\boxtimes
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: N/A		
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. FISH AND WILDLIFE SERVICE (USFWS)	Yes	No
16 a) Is your proposed project on land managed by the USFWS?		\boxtimes
b) Does your project require a Right of Way from the USFWS under 50 C.F.R. 29 and 50 C.F.R 36?		\boxtimes
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: N/A	_	
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:		
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 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?		\boxtimes
b) If yes, which federal authorizations?		_

9. Have you applied for any of Agency	ther federal permits or authorizations? Approval Type	Date Submitted
	·	
	uestionnaire (CPQ) identifies state and federal po	
-	other agencies or the affected city and borough equested under the Project Description.	government to proceed with your activity.
	ACMP Consistency Evaluation & Certif	ication 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 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? The project is both economically and physically dependent on a coastal location because it is not feasible to extend fiber optic facilities to the affected communities through any other means.
- (b) Evaluation of development priority.
- (1) How is the proposed project water-dependent? Marine crossing is the only feasible means of connecting communities.
- (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.

(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?

t/b/d – Nationwide Permit 12 provides for the construction of utility lines in the waters of the U.S. provided there is no change in preconstruction contours.

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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? The fiber optic cable system is designed and engineered to avoid to the extent possible marine hazards and obstructions. Near shore, the cable will be buried and protected to minimize the threat of ice scouring and high energy disturbances due to waves and tidal currents. Route engineering will include a detailed bathymetric survey to identify risks and determine best cable placement.
- (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? See Evaluation (b) above.

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. The project will not affect public access to, from and along coastal waters.

11 AAC 112.230. Energy facilities.

Standard:

- (a) The siting and approval of <u>major energy facilities</u> by districts and state agencies must be based, to the <u>extent practicable</u>, 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;

- (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, p	lease describe in detail how the	proposed project is desig	ned to meet each
applicable section of this standard:			
(1) <u>N/A</u>			
(2)			
(3)			
(4)			
(5)			
(6)			
(7)			
(8)			
(9)			
(10)			
(11)			
(12)			
(13)			
(14)			

(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.

11 AAC 112.240. Utility routes and facilities.

Standard:

(15)_{_}(16)

- (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.

- (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.

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(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 exits.
 The project is water dependent because it is not feasible or practical to extend fiber optic facilities to the affected communities by any overland means.

 (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; Marine cable landing locations have been selected in

(2) disruption in known or reasonably foreseeable wildlife transit; Other than during the limited period of installation activities, there will be no long term disruption of wildlife transit and no change in preconstruction contours and conditions.

(3) blockage of existing or traditional access.

All facilities sited adjacent to beaches or shorelines will be underground so as not to affect existing or traditional access. Underground splice vaults will be placed in the uplands above the MHW.

order to avoid surface and ground water features and drainage patterns so that they will not be altered.

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 No No No If yes, please explain how your proposed project meets the standards of the State Forest Resources and Practices Act.

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 <u>coastal waters</u>, 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

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

- (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.
- (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 X If yes, please describe how the proposed project is designed to "avoid or minimize impacts to subsistence uses of coasta
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. unknown
(e) No response required.
11 AAC 112.280. Transportation routes and facilities. Standard:
<u>Transportation routes and facilities</u> 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; N/A
(2) disruption in known or reasonably foreseeable wildlife transit; and N/A
(3) blockage of existing or traditional access. N/A

Standard:

- (a) Habitats in the coastal area that are subject to the program are
- (1) offshore areas;
- (2) estuaries;
- (3) wetlands;
- (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;
- (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.

Offshore areas, estuaries, tideflats, important habitat.

- (b) Describe how the proposed project avoids, minimizes, or mitigates impacts to each of the identified habitat(s) in section (a) above. The project entails laying marine cable with an approximate diameter of one inch along the described route segments. Portions of the cable segments may be buried during installation; the remainder will be surface laid. In the latter case, experience demonstrates that the cable is usually buried fairly rapidly through natural sediment transport processes along the seafloor. The very limited cable footprint and burial as noted above serve to minimize any impacts to negligible in duration and area disturbed.
- (c) No response required.

11 AAC 112.310. Air, land and water quality

Standard:

Not withstanding 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 16.000.

Evaluation:

(a) of the	Have you contacted the State Historic Preservation Office (SHPO) to see if your project is in a designated area coastal zone that is important to the study, understanding, or illustration of national, state, or local history or		
prehistory, including natural processes?			
No			
(b)	If your project is within an area designated under (a) of this section, how will you comply with the applicable		
requir	ements in the statutes and regulations listed in (b)?		
t/b/d			

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) Coastal Districts listed in "Coastal Districts" question 7 above.	
Enforceable Policy: <u>t/b/d</u> Evaluation:	
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.

Signature of Applicant of Agent

7/U/09

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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.

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.
The proposed Northern Fiber Optic Link will be a marine-based, long haul fiber optic telecommunications
cable and associated terminal facilities linking principal communities of southern, western, and northern
Alaska. The system will include landing points at or near Narrow Cape on Kodiak Island, King Cove,
Unalaska/Dutch Harbor, Naknek/King Salmon, Dillingham, Platinum, Bethel, Nome, Kotzebue, Barrow, and
Prudhoe Bay. The route will be engineered to minimize environmental threats and to avoid to the extent
possible shipping lanes and high impact bottom fishing activities. Conventional cable installation, including
ship-based surface lay and burial methods where appropriate, will be used in the marine environment. Cable
landing sites will be prepared by track hoe and temporary sidecast and backfill methods. Any disturbances
will be localized and temporary in nature, and work sites will be restored to pre-existing contours and
condition upon completion of work. See attached description for additional details.

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: See attached permit application supplemental document.
Nearest Waterbody: Western Gulf of Alaska, North Pacific Ocean, Bering & Chukchi Seas
Legal Survey Description: t/b/d