PUBLIC NOTICE

Alaska Department of Environmental Conservation (DEC)
Wastewater Discharge Authorization Program/401 Certification
555 Cordova Street, Anchorage AK 99501-2617
Phone: 907-269-6285|Email: DEC-401Cert@alaska.gov

Notice of Application for State Water Quality Certification

Public Notice (PN) Date: June 25, 2021 **PN Reference Number: POA-1983-00359**
PN Expiration Date: July 25, 2021 **Waterway: Chukchi Sea**

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act (CWA) of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the CWA, the Alaska Water Quality Standards, and other applicable State laws.

Notice is hereby given that a request for a CWA §401 Water Quality Certification of a Department of the Army Permit application, Corps of Engineers' Reference Number POA-1983-00359, Chukchi Sea, has been received for the discharge of dredged and/or fill materials into waters of the United States (WOUS), including wetlands, as described below and shown on the enclosed project figures/drawings. The public notice and related project figures/drawings are also accessible from the DEC website at http://dec.alaska.gov/water/wastewater/.

Any person desiring to comment on the project with respect to water quality, may submit comments electronically via the DEC public notice site (**preferred method**) at https://water.alaskadec.commentinput.com/?id=ZA4SE

Alternatively, you may direction written comments or requests for public hearing via email or mail to the address or email listed above by the Public Notice expiration date. All comments submitted via mail or email should include the PN reference number listed above in the subject heading. Mailed comments must be postmarked on or before the expiration date of the public notice.

Applicant: Alaska Industrial Development and Export Authority, Jesse Peterson, Senior Manager Project Finance & Asset Management, 813 West Northern Lights, Anchorage, Alaska 99503, jpeterson@aidea.org, (907) 771-3015; Agent: Teck Alaska, Inc., William Napier, 2525 C Street, Anchorage, Alaska 99503; Robert.napier@tech.com, (907) 754-5145

Project Name: Delong Mountain Transportation System Port – Maintenance Dredging

Location: The proposed activity is located within Section 10, T. 25 N., R. 24 W.; Latitude 67.5576773° N., Longitude –165.058994° W.; near Kivalina, Alaska.

Purpose: The applicant's stated purpose is to complete annual maintenance dredging at the Delong Mountain Transportation System Port to support permitted and constructed facilities in the Chukchi Sea. The discharge material will supply sand for beach nourishment and shoreline protection int eh shallow water discharge area. Beach formulation and maintenance protects inland resources by maintaining a beach complex.

Project Description: The proposed project involves dredging up to 500,000 cubic yards (CY) of material from the subsurface on an 8.5 acre area of navigable marine waters and discharge it into 5.7 acres of

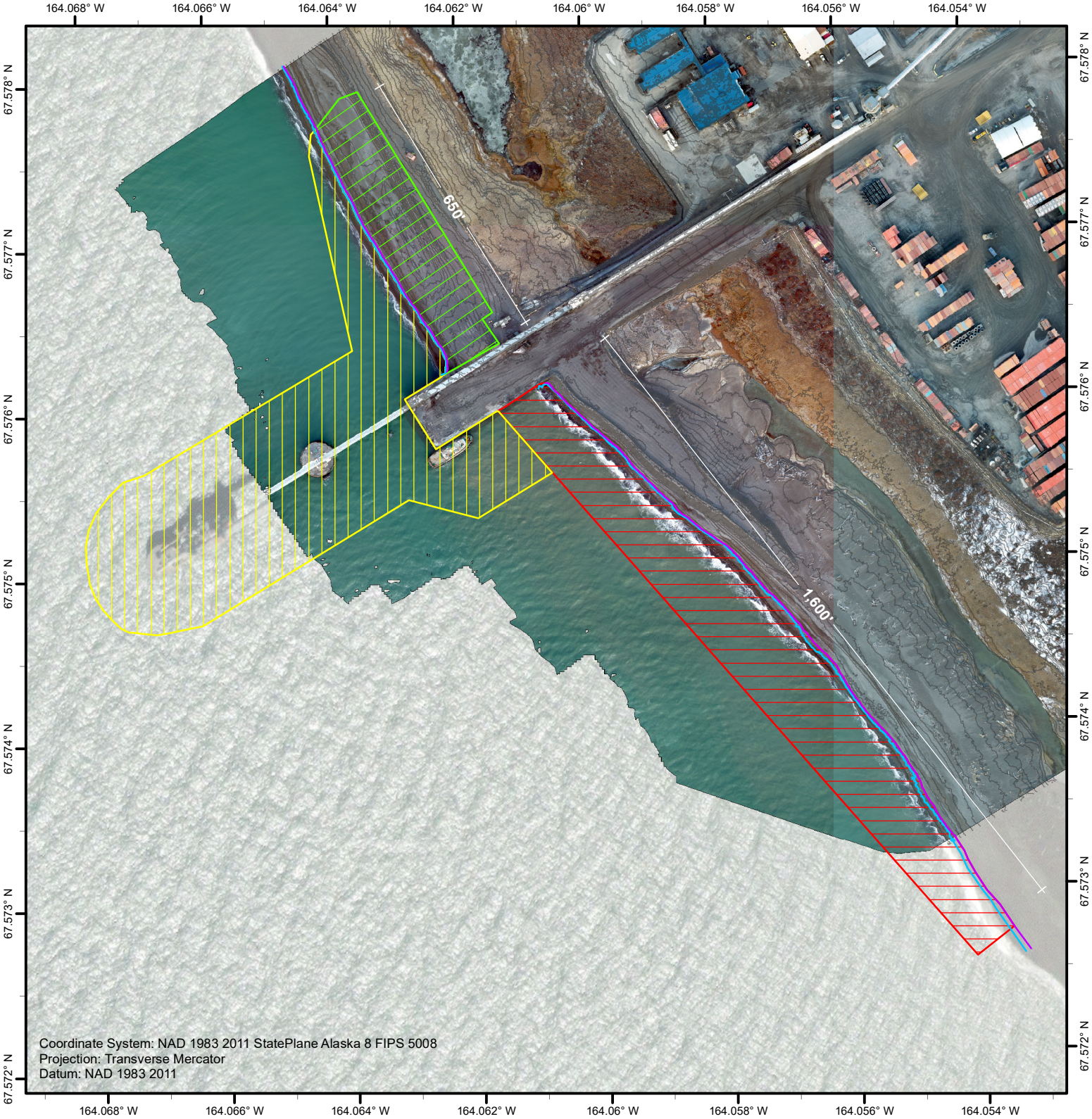
WOUS below the high tide line. An average of 50,000 CY of material would be dredged annual for 10 years. Dredging below the waterline in the port basin historically has been done with a clam shell on the dock crane and when required a dam shell on a barge. The plan is to continue using a clam shell for dredging. All dredged and excavated beach material will be discharged in the shallow water discharge area. Beach sand excavation may take place between NHW and HTL in up to 0.05 acres. Beach sand would be dozed into piles and hauled to the shallow water discharge area. Non-jurisdictional excavation of beach sand would take place above HTL. Material will be dredged from the maintenance area and discharged in the shallow water discharge area yearly.

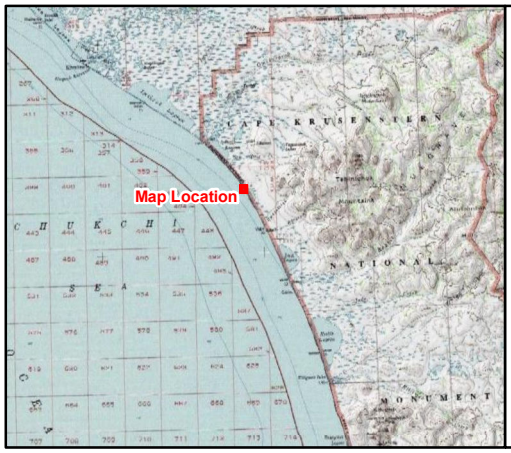
After reviewing the application, the Department may certify there is reasonable assurance the activity, and any discharge that might result, will comply with the CWA, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

The permit application and associated documents are available for review. For inquires or to request copies of the documents, contact dec-401cert@alaska.gov, or call 907-269-6285.

Disability Reasonable Accommodation Notice

The State of Alaska, Department of Environmental Conservation complies with Title II of the Americans with Disabilities Act (ADA) of 1990. If you are a person with a disability who may need special accommodation in order to participate in this public process, please contact ADA Coordinator Brian Blessington at 907-269-6272 or TDD Relay Service 1-800-770-8973/TTY or dial 711 within 5 days of the expiration date of this public notice to ensure that any necessary accommodations can be provided.





High Tide Line (6.3 ft)

Mean High Water (6.0 ft)

1' LiDAR-derived Contour

Project Work

Beach Sand Excavation Area

Maintenance Dredging Area

Shallow Water Discharge Area

0.02-meter aerial imagery and LiDAR elevation; date aquired: October 2020
Background imagery 0.5-meter ESRI World Imagery; date aquired: 06/25/2020

0 100 200 400 Feet

1 inch = 300 feet 1:3,600

N W E S

Applicant: Alaska Industrial Development and Export Authority	
File No.: POA-1983-359	
Waterway: Chukchi Sea	
Proposed Activity: Maintenance dredging and discharge	
Kateel Meridian | T25N, R24W, S10	
Lat.: 67.576773 N	Long.: 164.058994 W
Sheet: 1 of 1	April 2021

Request for CWA §401 Water Quality Certification

Alaska Department of Environmental Conservation
Division of Water – Wastewater Discharge Authorization Program
555 Cordova Street, Anchorage AK 99501
email: dec-401Cert@alaska.gov Phone: 907-269-6285

I. Identify the applicable federal license or permit*

Permit License Number: POA-1983-0359 Modification Federal Agency: ☑ USACE, ☐ FERC, or ☐ Other: _____

*A copy of the federal permit or license application is required to be submitted with the request for the water quality certification. (18 AAC 15.130, 18 AAC 15.180)

II. Project Proponent and Point of Contact

Applicant Information

First	Middle	Last
Jesse	H.	Peterson

Company: Alaska Industrial Development and Export Authority
Title: Senior Manager Project Finance & Asset Management

Mailing Address Street or PO Box	City	State	Zip
813 W Northern Lights Blvd.	Anchoarge	AK	99503

Email	Phone	Fax (optional)
jpeterson@aidea.org	(907) 771-3015	

Point of Contact or Agent Information

First	Middle	Last
William	R.	Napier

Company: Teck Alaska Incorporated - Red Dog, Operations
Title: Team Leader, Environmental

Mailing Address or PO Box	City	State	Zip
2525 C Street, Suite 310	Anchorage	AK	99503

Email	Phone	Fax (optional)
Robert.Napier@teck.com	907-754-5145	

Statement of Authorization

I hereby authorize _____ to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit/certification application.

SIGNATURE OF APPLICANT _____ DATE _____

III. Name, Location, and Description of Project or Activity

DeLong Mountain Transportation System Port - Dredging and Material Disposal
Project Name or Title

Project Street Address (if applicable)	City	State	Zip	Latitude (Decimal Degrees, 6 places)	Longitude (Decimal Degrees, 6 places)
Chukchi Sea		AK		67.576773	-164.058994

Other Location Descriptions if known:

State Tax Parcel ID	Municipality	Section	Township	Range	Estimated Start Date	Estimated End Date
	Northwest Arctic Borough	10	25 N	24 W, Kateel Meridian	06/01/2022	10/01/2032

Primary Industrial Activity (if applicable): First: 212231; Second 488310
NAICS Code

Directions to the site:

The DeLong Mountain Transportation System Port is located on the Chukchi Sea approximately 14 miles southeast of Kivalina, 52 road miles from the Red Dog Mine, and approximately 90 miles north of Kotzebue, Alaska. The port is not connected to the public road system in Alaska. It is served by sea and air.

Nature of Activity (Description of project, include all features)

Dredge up to 500,000 cubic yards (an average of 50,000 cubic yards annually for 10 years) of material from the subsurface of an 8.5-acre area of navigable marine waters of the United States, waterward of Mean High Water (MHW) and discharge up to 500,000 cubic yards (an average of 50,000 cubic yards annually for 10 years) of dredged material and/or excavated beach sand into 5.7 acres of waters of the United States, below the high tide line (HTL).
Dredging below waterline in the port basin historically has been done with a clam shell on the dock crane, and when required a clam shell on a barge. The plan is to continue using a clam shell for dredging. All dredged and excavated beach material will be discharged in the shallow water discharge area.
Beach sand excavation may take place between MHW and HTL in up to 0.05 acres. Beach sand would be dozed into piles and hauled to the shallow water discharge area. Non-jurisdictional excavation of beach sand would take place above HTL.
Material will be dredged from the maintenance area and discharged in the shallow water discharge area yearly starting June 1 or as soon as the port is ice free. The dredging and discharge areas are shown on the attached United States Army Corps of Engineers (USACE) permit application.

Project Purpose (Describe the reason(s) for discharge)

The project purpose is to complete annual maintenance dredging at the DeLong Mountain Transportation System Port to support permitted and constructed facilities in the Chukchi Sea. The discharged material will supply sand for beach nourishment and shoreline protection in the shallow water discharge area. Beach formulation and maintenance protects inland resources (including ponds, wetlands, historic resources) by maintaining a beach complex. The port basin will be dredged to -22 feet elevation (relative to 0 feet Mean Lower Low Water for the vessel traffic at the dock and caissons.
AIDEA is the owner of the DeLong Mountain Transportation System Port and Road. Teck Alaska Incorporated - Red Dog, Operations is the operator responsible for the maintenance dredging and shallow water material disposal at the DeLong Mountain Transportation System Port Facility.

For fill material, identify the material source: In-place sand and beach sand material

Types of material being discharged and the amount of each type in cubic yards:

Type	yd³	Type	yd³
In-place and beach sand	Average 50,000 per year		

Surface area in acres of wetlands or other waters filled: Acres: 5.7 Or, linear feet: _____

Is dredging involved? ☑ Yes, ☐ No; If yes, how much? 8.5 acres and volume Average 50,000 yd³.

a. Is the dredging considered a ☐new project, or is it ☑maintenance? If maintenance, how frequent? Yearly starting in June

b. Proposed Placement of dredged material: (provide center coordinates of placement area)

☐ Upland,		☑ In water,		☐ Other:	
Latitude	Longitude	67.574415 Latitude	-164.057454 Longitude	Latitude	Longitude

c. Has a Tier analysis been conducted of the dredged prism? ☑ Yes, ☐ No; If yes, attach tier analysis and sample results. Note, If marked no, this may later be required upon review of request.
(for example of Tier analysis, see EPA Inland Testing Manual or USACE Seattle District Civil Works DMMP User Manual)

Is any portion of the work already complete? ☑ Yes, ☐ No If yes, describe the completed work:

USACE permit POA-1983-359 has been in place since 1983 for the DeLong Mountain Transportation System - Port. Modification 39 of POA-1983-359 was issued December 14, 2012 and expired December 31, 2020. The USACE Federal permit application is to continue long term maintenance dredging and beach sand discharge and replenishment in the same locations.

IV. Identify the location and nature of any potential discharge that may result from the proposed project and the location of receiving waters;

Name and location of receiving waters, and geographical extent potentially affected by the proposed discharge:

Chukchi Sea, immediately south of the constructed DeLong Mountain Transportation System - Port facility along 1,600 feet of the beach.

Location of potential discharge (Decimal Degrees, 6 places), describe if necessary:

	Activity		Description	Receiving Waterbody Name	Latitude	Longitude
	Dredge	Fill				
a.	☐	☑	South of Port for 1,600 feet along beach	Chukchi Sea	67.574415	-164.057454
b.	☐	☐				
c.	☐	☐				
d.	☐	☐				
e.	☐	☐				

Is the project within 1,500 feet of a known contaminated site: ☑ Yes, ☐ No (see DEC Contaminated Sites Program website).

If yes, describe the identified contaminated site(s) or groundwater plume within 1,500 feet.

The entire Red Dog Mine Road a 52-mile corridor is listed as contaminated. The road begins at the port and terminates at the mine. The transport of concentrates ceases prior to entering the beach. Concentrates are placed into permanent concentrate storage buildings. Concentrates are transferred from storage by a covered conveyor to lightering barges. ADEC file number 475.38.010.

Parameter(s) of Concern: (check all that apply): ☑ Turbidity, ☑ Sediment, ☐ Petroleum Hydrocarbons, ☐ Metals, ☐ Other,

Identify the parameters of concern that may be present in your discharge. Consider if other parameters may be present from past activities in the area. Describe if known respective concentrations, persistence, and potential impacts to the receiving water and data on parameters that may alter the effects of the discharge to the receiving water.:

The port basin naturally fills with beach sand over time and excess material must be removed to maintain required depth. Turbidity will increase short term during dredging and discharge. Only the volume of material necessary for navigation will be dredged yearly from the port basin. The discharge places sediment below the HTL for shoreline protection. The beach sand is moved from the point of deposition south by natural longshore currents. Additional beach sand from the North beach will be excavated and moved to the south discharge area to increase sediment volume for deposition in the shallow water discharge area. The additional discharged beach sand is supplied for beach nourishment. An intact shoreline protects inland resources (including ponds, wetlands, and historic resources) by maintaining a natural beach complex south of the port. The beach is a natural barrier resisting storms and tidal surges. This application does not change historic dredged or discharge volumes. Ongoing marine monitoring under the Contaminated Sites Program indicates that over the past sixteen years, concentrations of lead, zinc and cadmium have remained generally stable across sampling locations, and in 2020 (the most recent sampling period) no metals exceeded sediment quality guidelines. Therefore, metals are not listed as a parameter of concern. See attached memorandums and documents.

Impaired Waters: Does a discharge of any parameter identified above occur to an impaired waterbody listed as a Category 4 [304(b)] or Category 5 [303(d)] in the current EPA approved Alaska's Integrated Water Quality Monitoring and Assessment Report? (See http://dec.alaska.gov/water/water-quality/impaired-waters.aspx for the most recently approved report and category listings.) ☐ Yes, ☑ No

If determined necessary and requested by the Department, submit sufficient and credible baseline water quality information for the receiving water which meets the requirements of 18 AAC 70.016(a)(6)(A-C).

Social or Economic Importance (18 AAC 70.016(c)(5): Provide information that demonstrates the accommodation of important social or economic development. The applicant shall complete either a social OR economic importance analysis (or both) for each affected community in the area where the receiving water for the proposed discharge is located. (if additional space is needed, attach separate sheet)

(A) **Social Importance Analysis**:
(select one or more areas, and describe below)

- ☐ community services provided;
- ☐ public health or safety improvements;
- ☑ infrastructure improvements;
- ☐ education and training;
- ☐ cultural amenities;
- ☐ recreational opportunities

(B) **Economic Importance Analysis**:
(select one or more areas, and describe below)

- ☑ employment, job availability, and salary impacts;
- ☑ tax base impacts;
- ☐ expanded leases and royalties;
- ☑ commercial activities;
- ☑ access to resources;
- ☑ access to a transportation network

Describe (checked items above or attach as separate document)

The on-going operations of the Red Dog Mine and Mill connected by the DeLong Mountain Transportation System provides positive economic impact for the Northwest Arctic Borough (NWAB) and the State. Teck, through its payment-in-lieu of taxes (PILT) agreement with the NWAB, provides more than 80% of NWAB's on-going operation funding. The PILT agreement, authorized in April 2017, will continue NWAB's relationship with Teck and fund community infrastructure projects, through a village infrastructure fund. The annual average number of jobs (includes on-site contractors) is 550. The average salary of a Red Dog employee is $99,000. Red Dog wage impact within the NWAB is $65 million. Red Dog annual payroll spending is $75 million. The spending on goods and services within the State of Alaska is $158 million (2015). NANA royalty payments are $860 million (since inception). NANA 7(i) payments to other Alaska Native Corporations from Red Dog are greater than $1.3 billion (since inception). Community investment and donations in the region is $2.8 million (2010-2015). Teck helps facilitate the purchase of lower cost heating oil for local villages and residents. Teck provides yearly contributions to local charities and other organizations. AIDEA receives yearly payments for the use of the DeLong Mountain Transportation System from Teck. Teck will continue making payments to AIDEA through 2040. Current estimates indicate AIDEA will recognize upside payments as net income in 2023-2024.

V. Include a description of any methods and means proposed to monitor the discharge and the equipment or measures planned to treat, control, or manage the discharge

(Example: Provide a brief explanation describing how impacts to waters of the United States are being avoided and minimized on the project site. Include best management practices (BMPs) for sediment and erosion controls that will be implemented to minimize the environmental impacts.)

The dredged material will be removed from an existing basin. This is from an operational permitted and constructed port. The material being dredged is natural beach sand and will be moved in the same direction as long shore (littoral) currents from north to south. Teck as the operator annually completes maintenance dredging at the DeLong Mountain Transportation System Port. No new structures will be built or added to the marine footprint. The excavated and discharged material will provide shoreline protection in the shallow water disposal area. No equipment will work in water placing dredged material. Dredged material and beach sand will be pushed by dozer from the stockpile area into the shallow water discharge area during low tides. The beach is a natural barrier resisting storms and tidal surges. There has been a historic regulatory requirement to transfer beach sand from the north side to the south side of the DeLong Mountain Transportation System dock. Historic dredging limits have varied from 30,000 cubic yards to 50,000 cubic yards of material yearly. In 2012 USACE specified a yearly discharge volume of 15,000 cubic yards on the south side of the dock. This application proposes to maintain historic dredge and discharge volumes. No wetlands will be filled or impacted by the action. Dredging cannot be avoided. The shallow water dock receives vessel traffic carrying supplies, fuel, and equipment during the summer and concentrates are shipped out. The operation of the DeLong Mountain Transportation System Port requires maintenance dredging to sustain a consistent navigational depth. The port basin naturally fills with sand over time and excess material must be removed. Only the amount of material necessary to maintain navigation will be dredged from the port basin. Additional sand from the North beach will be excavated and moved to the south to be discharged into the shallow water discharge area for beach protection yearly. For additional details see USACE permit application, figure, supplemental document, and memorandums.

VI. Include a list of all other federal, interstate, tribal, state, territorial, or local agency authorizations required for the proposed project, including all approvals or denials already received.

List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in this Application.

Agency	Type of Approval*	Identification Number	Date Applied	Date Approved	Date Denied
USACE	Section 10 RHA & Section 404 CWA	POA-1983-359 Modification	05/04/2021		
ADNR	ADL Tidelands Use to AIDEA	ADL 412501		04/18/1986	

* Would include but is not restricted to zoning, building, and flood plain permits.

Addresses of Adjoining Property Owners, Lessees, Etc. Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list)

	Name	Address	City	State	Zip
a.	NANA Corporation	909 W 9th Ave #202	Anchorage	AK	99501
b.					
c.					
d.					
e.					

VII. Attachments: Include documentation that a prefiling meeting request was submitted to the certifying authority at least 30 days prior to submitting the certification request; and include a copy of the federal license or permit application.

☑ Required: Prefiling meeting request documentation. (40 CFR 121.4)

☑ Required: Copy of the federal license or permit requiring certification under 33 U.S.C. 1341 (Clean Water Act, Section 401) to include all accompanying information, contemporaneous with the submission of the application to the federal licensing or permitting agency. (18 AAC 15.130, 18 AAC 15.180)

☑ Required: Figures and/or Drawings/Plan Sets

☑ Tier Analysis of dredged material

☑ Sampling Results

☐ Baseline Water Quality Information

☑ Other

The following additional documents are supplied to support the 401 Water Quality Certification.

01_2007 Exponent DMTS Volume I
01_2007 Exponent DMTS Volume II
02_2012 Risk Management Plan Annual Report
03_2014 Risk Management Plan Annual Report
04_2016 Risk Management Plan Annual Report
05_2018 Risk Management Plan Annual Report
06_2011 Dust Emission Reduction Plan
07_2014 Red Dog Fugitive Dust Risk Management Monitoring Plan
08_2016 Red Dog Port Best Management Practices Plan
09_2018 Marine Sediment Monitoring Report Draft 19feb2021
10_Red Dog Operations - Marine Sediment Memorandum to ADEC_5-13-2021
11_Red Dog Operations - Additional Marine Sediment Information Memorandum to ADEC_5-27-2021

VIII. Certification Statement:

As per 18 AAC 15.030 signing of applications, all permit or approval applications must be signed as follows:

1) in the case of corporations, by a principal executive officer of at least the level of vice president or his duly authorized representative, if the representative is responsible for the overall management of the project or operation;
2) in the case of a partnership, by a general partner;
3) in the case of a sole proprietorship, by the proprietor; and
4) in the case of a municipal, state, federal or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief. The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.

Company or Organization:	Name:	Title:
AIDEA	Jesse H. Peterson	Senior Manager Project Finance & Asset Management

Phone:	Fax (optional):	Email:
(907) 771-3015		jpeterson@aidea.org

Mailing Address:	Street (PO Box):		
☐ Check if same as Applicants Info	813 W Northern Lights Blvd.		
	City: Anchorage	State: AK	Zip: 99503

Signature

Date 6/7/2021

Submit the CWA §401 Certification Request to DEC-401Cert@alaska.gov.

Include in the subject line the following:

"CWA §401 Certification Request - *<Insert Federal Agency and permit number or license number>* - *<insert project title>*".

Instructions for Preparing a Request for CWA §401 Certification for an Individual Permit or License

I. Identify the applicable federal license or permit

Include the Federal Agency's permit license number and identify the corresponding agency for which you are applying for the Alaska DEC CWA §401 certification.

II. Project Proponent and Point of Contact

Enter the name, contact information to include the E-mail address of the responsible party or parties. If the responsible party is an agency, company, corporation, or other organization, indicate the name of the organization and responsible officer and title. If more than one party is associated with the application, please attach a sheet with the necessary information. Point of Contact or Agent Information to be completed if you choose to have an agent.

III. Name, Location, and Description of Project or Activity

Project Name: Please provide name identifying the proposed project, e.g., Landmark Plaza, Burned Hills Subdivision, or Edsall Commercial Center. Include location and description of the project or activity.

Estimate Start/End Dates: What are the anticipated start and end dates for project construction?

Location: Provide Latitude and Longitude in decimal degrees with six decimal places, example: 61.216883 N Latitude / -149.878756 W Longitude. Use www.latlong.net if needed for online tool for finding lat/long. Provide street address if applicable, and other location descriptions if known. If the facility or project lacks a street address, indicate the general location of the facility (e.g., intersection of x and y).

Primary Industrial Activity: Identify the Activity Code that best represents the products produced or services rendered for which your facility is primarily engaged. For the North American Industry Classification System (NAICS) see census.gov/eos/www/naics/.

Directions to the site: Provide directions to the site from a known location or landmark. Include highway and street numbers as well as names. Also provide distances from known locations and any other information that would assist in locating the site. You may also provide description of the proposed project location, such as lot numbers, tract numbers, or you may choose to locate the proposed project site from a known point (such as the right descending bank of Smith Creek, one mile downstream from the Highway 14 bridge). If a large river or stream, include the river mile of the proposed project site if known.

Nature of the Activity: Describe the overall activity or project. Give appropriate dimensions of structures such as wing walls, dikes (identify the materials to be used in construction, as well as the methods by which the work is to be done), or excavations (length, width, and height). Indicate whether discharge of dredged or fill material is involved. Also, identify any structure to be constructed on a fill, piles, or float-supported platforms. The written descriptions and illustrations are an important part of the application. Please describe, in detail, what you wish to do. If more space is needed, attach an extra sheet of paper.

Project Purpose: Describe the purpose and need for the proposed project. What will it be used for and why? Also include a brief description of any related activities to be developed as the result of the proposed project. Give the approximate dates you plan to both begin and complete all work.

Types of Material Being Discharged and the Amount of Each Type in Cubic Yards. Describe the material to be discharged and amount of each material to be discharged within Corps jurisdiction. Please be sure this description will agree with your illustrations. Discharge material includes rock, sand, clay, concrete, etc.

Surface Areas of Wetlands or Other Waters Filled. Describe the area to be filled at each location. Specifically identify the surface areas, or part thereof, to be filled. Also include the means by which the discharge is to be done (backhoe, dragline, etc.). If dredged material is to be discharged on an upland site, identify the site and the steps to be taken (if necessary) to prevent runoff from the dredged material back into a waterbody. If more space is needed, attach an extra sheet of paper.

Dredging: Identify if any dredging is involved. If so, quantify the acres and volume to be dredged. Provide an assessment of the dredge prism and sample results to support a Tier analysis. Consult the EPA Inland Testing Manual or the USACE Seattle District Civil Works DMMP User Manual for an example of a Tier analysis of the dredge prism. It is recommended to consult with DEC and Corps prior to conducting sampling during pre-application meetings to avoid delays.

Is any portion of the work already complete: Provide any background on any part of the proposed project already completed. Describe the area already developed, structures completed, any dredged or fill material already discharged, the type of material, volume in cubic yards, acres filled, if a wetland or other waterbody (in acres or square feet). If the work was done under an existing Corps or other federal/state permit, identity the authorization, if possible.

IV. Identify the location and nature of any potential discharge that may result from the proposed project and the location of receiving waters;

Name and Location of potential discharge. Provide latitude and longitude coordinates (Decimal Degrees, 5-digit places) of potential discharge. Describe the location if necessary. Include the geographic extent potentially affected by the proposed discharge.

Contaminated Sites: Identify any known contaminated sites within 1,500 feet of the proposed project discharge, to include those known by the applicant or known DEC identified contaminated site either in "Active" or "Cleanup Complete – Institutional Controls" status. For more information, see DEC Contaminated Sites website (dec.alaska.gov/spar/csp.aspx) for ability to search via map, database, and background summaries.

Parameters of Concern: Identify the parameters of concern that may be present in your discharge. Consider if other parameters may be present from past activities in the area. Describe if known respective concentrations, persistence, and potential impacts to the receiving water and data on parameters that may alter the effects of the discharge to the receiving water.

Impaired Waters: Does a discharge of any parameter identified may occur to an impaired waterbody listed as a Category 4 [304(b)] or Category 5 [303(d)] in the current EPA approved Alaska's Integrated Water Quality Monitoring and Assessment Report?

See http://dec.alaska.gov/water/water-quality/impaired-waters.aspx for the most recently approved report and category listings.

Social or Economic Importance Analysis: select as appropriate and provide a description per 18 AAC 70.016(c)(5).

V. Include a description of any methods and means proposed to monitor the discharge and the equipment or measures planned to treat, control, or manage the discharge

Nature of potential discharge and potential environmental impacts on the receiving water: Provide a brief explanation describing how impacts to waters of the United States are being avoided and minimized on the project site. Include best management practices (BMPs) for sediment and erosion controls that will be implemented to minimize the environmental impacts.

VI. List of all other federal, interstate, tribal, state, territorial, or local agency authorizations required for the proposed project, including all approvals or denials already received;

You may need the approval of other federal, state, or local agencies for your project. Identify any applications you have submitted and the status, if any (approved or denied) of each application. You need not have obtained all other permits before applying for the CWA §401 certification.

VII. Attachments: Include documentation that a prefiling meeting request was submitted to the certifying authority at least 30 days prior to submitting the certification request;

Required: Prefiling meeting request: Include documentation (copy of email) that a prefiling meeting request was submitted to DEC. Acceptable format is an email sent to the DEC 401 Certification email address, dec-401cert@alaska.gov requesting a prefiling meeting request. Include as much information as relevant to describe the nature of your proposed activity. The certifying authority (DEC) may or may not respond depending on the information you provide in the prefiling meeting request.

Required: Provide a copy of the federal license or permit application requiring certification under 33 U.S.C. 1341 (Clean Water Act, Section 401) to include all accompanying information, contemporaneous with the submission of the application to the federal licensing or permitting agency. This would include all site drawings and maps and illustrations.

VIII. Certification Statement

As per 18 AAC 15.030 Signing of applications, all permit or approval applications must be signed as follows:

5) in the case of corporations, by a principal executive officer of at least the level of vice president or his duly authorized representative, if the representative is responsible for the overall management of the project or operation;
6) in the case of a partnership, by a general partner;
7) in the case of a sole proprietorship, by the proprietor; and
8) in the case of a municipal, state, federal or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

For more information regarding CWA §401 Certifications, see the DEC website at http://dec.alaska.gov/water/wastewater/wetlands, or contact:

Alaska Department of Environmental Conservation
Division of Water – Wastewater Discharge Authorization Program
555 Cordova Street, Anchorage AK 99501
email: dec-401Cert@alaska.gov Phone: 907-269-6285

Submit the CWA §401 Certification Request to DEC-401Cert@alaska.gov. **Include in the subject line the following**:

"CWA §401 Certification Request - *<Insert Federal Agency and permit number or license number> - <insert project title>*".

U.S. Army Corps of Engineers (USACE)

APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT

33 CFR 325. The proponent agency is CECW-CO-R.

Form Approved - OMB No. 0710-0003 Expires: 02-28-2022

The public reporting burden for this collection of information, OMB Control Number 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR APPLICATION TO THE ABOVE EMAIL.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: http://dpcld.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME
First - Jesse Middle - H. Last - Peterson
Company - Alaska Industrial Development and Export Authority
E-mail Address - jpeterson@aidea.org

8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required)
First - Middle - Last -
Company -
E-mail Address -

6. APPLICANT'S ADDRESS:
Address- 813 W Northern Lights Blvd.
City - Anchorage State - AK Zip - 99503 Country - USA

9. AGENT'S ADDRESS:
Address-
City - State - Zip - Country -

7. APPLICANT'S PHONE NOs. w/AREA CODE
a. Residence b. Business (907) 771-3015 c. Fax

10. AGENTS PHONE NOs. w/AREA CODE
a. Residence b. Business c. Fax

STATEMENT OF AUTHORIZATION

11. I hereby authorize, _____ to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

SIGNATURE OF APPLICANT DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions)
DeLong Mountain Transportation System Port - Dredging and Material Disposal

13. NAME OF WATERBODY, IF KNOWN (if applicable)
Chukchi Sea

14. PROJECT STREET ADDRESS (if applicable)
Address
City - State- Zip-

15. LOCATION OF PROJECT
Latitude: °N 67.5766 Longitude: °W 164.0600

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions)
State Tax Parcel ID Municipality
Section - 10 Township - 25 N Range - 24 W, Kateel Meridian

17. DIRECTIONS TO THE SITE

The DeLong Mountain Transportation System Port is located on the Chukchi Sea approximately 14 miles southeast of Kivalina, 52 miles from the Red Dog Mine, and approximately 90 miles north of Kotzebue, Alaska. The port is not connected to the public road system in Alaska. It is served by sea and air.

18. Nature of Activity (Description of project, include all features)

Dredge up to 500,000 cubic yards (an average of 50,000 cubic yards annually for 10 years) of material from the subsurface of an 8.5 acre area of navigable marine waters of the United States, waterward of the mean high water mark and discharge up to 500,000 cubic yards (an average of 50,000 cubic yards annually for 10 years) of dredged material in 5.7 acres of waters of the United States, below the high tide line.

Dredging below waterline in the port basin historically has been done with a clam shell on the dock crane, and when required a clam shell on a barge. The plan is to continue with clam shell dredging. All dredged and excavated beach material will be discharged in the shallow water discharge area.

Beach sand excavation may take place between MHW and HTL in up to 0.05 acres. Beach sand would be dozed into piles and hauled to the shallow water discharge area. Non-jurisdictional excavation of beach sand would take place above HTL.

Material will be dredged from the maintenance area and discharged in the shallow water discharge area yearly starting June 1 or as soon as the port is ice free. The dredging and discharge areas are shown on the attached plans.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The project purpose is to complete annual maintenance dredging at the DeLong Mountain Transportation System Port to support permitted and constructed facilities in the Chukchi Sea. The discharged material will supply sand for beach nourishment and shoreline protection in the shallow water discharge area. Beach formulation and maintenance protects inland resources (including ponds, wetlands, historic resources) by maintaining a beach complex. The port basin will be dredged to -22 feet elevation (relative to 0 feet MLLW) for the vessel traffic at the dock and caissons.

AIDEA is the owner of the DeLong Mountain Transportation System Port and Road. Teck Alaska Incorporated - Red Dog, Operations is the operator responsible for the maintenance dredging and shallow water material disposal at the DeLong Mountain Transportation System Port.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Maintenance dredging is required for the continued operation of the DeLong Mountain Transportation System Shallow Water Port. Yearly dredging is required to remove sediment that interferes with navigation. The disposal of dredged material and beach sand in the prescribed location maintains natural sand migration. Dredging and disposal are part of ongoing port operations.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type Amount in Cubic Yards	Type Amount in Cubic Yards	Type Amount in Cubic Yards
500,000 total or an average of 50,000 yearly		

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 5.7 acres below HTL

or

Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

See supplemental document.

24. Is Any Portion of the Work Already Complete? ☐ Yes ☒ No IF YES, DESCRIBE THE COMPLETED WORK

A permit has been in place since 1983 for the DeLong Mountain Transportation System. USACE permit POA-1983-359-M39 was issued on December 14, 2012 and expired December 31, 2020. This permit application is to maintain long term maintenance dredging and beach sand discharge and replenishment.

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- NANA Corporation, 909 W 9th Ave #202

City - Anchorage State - AK Zip - 99501

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED

* Would include but is not restricted to zoning, building, and flood plain permits

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

SIGNATURE OF APPLICANT	DATE	SIGNATURE OF AGENT	DATE
	5/4/2021		

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than $10,000 or imprisoned not more than five years or both.