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Reason: Submission Data
Location: State of Alaska

CWA 401 Water Quality Certification Request

version 2.17

(Submission #: HQN-4GCH-A9E9W, version 2)

Details

Site: AMHS Auke Bay East Ferry Terminal Improvements ◆ Stage 1

Submission ID HQN-4GCH-A9E9W

Form Input

Form Instructions

Form Instructions

Instructions for filling out the 401 Prefiling Meeting Request Form are located on the Alaska DEC website at the link below.
401 Prefiling Meeting Request Form Instructions

Agents: For Delegation of Authority to act on behalf of the applicant in processing the application, use the following form, have signed, and upload with application.

- Delegation of Authority - 401 Application

Contact Information (1 of 2)

Required Contacts

The following **Contact Roles are *REQUIRED***. Please select the appropriate role(s) for each contact and complete the contact details. Multiple role(s) may be assigned to each unique individual.

- **Applicant** (Responsible Party)
- **Billing Contact**

Contact Role(s)
Agent
Application Preparer
Billing Contact
Applicant

Contact

Prefix
NONE PROVIDED

First Name	Last Name
christy.gentemann@alaska.gov	christy.gentemann@alaska.gov

Title
Regional Environmental Manager

Organization Name
Alaska Department of Transportation & Public Facilities

Phone Type	Number	Extension
Business	907-465-4524	

Email
christy.gentemann@alaska.gov

Mailing Address

6860 Glacier Hwy

Juneau, AK 99801

USA

Contact Information (2 of 2)

Required Contacts

The following **Contact Roles are *REQUIRED***. Please select the appropriate role(s) for each contact and complete the contact details. Multiple role(s) may be assigned to each unique individual.

- **Applicant** (Responsible Party)
- **Billing Contact**

Contact Role(s)
Consultant

Contact

Prefix
Mr.

First Name	Last Name
Matt	Holm

Title
Principal Engineer

Organization Name
PND Engineers, Inc.

Phone Type	Number	Extension
Business	907.586.2093	

Email
mholm@pndengineers.com

Mailing Address

9360 Glacier Hwy # 100

Juneau, AK 99801

United States

Project / Facility Site Info

Identify the applicable federal license or permit

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)

Federal Agency
Army Corps of Engineers (USACE)

Permit License Number (ex. USACE: POA-XXXX-XXXX; FERC: FERC-xxxx-xxxx; EPA: AK#######)
TBD

Project Name or Title
AMHS Auke Bay East Ferry Terminal Improvements – Stage 1

Primary Receiving Waterbody Name
NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
09/01/2027	12/31/2027

Approximate date(s) when any Discharge(s) may commence (+/- 30 days)

Description	Discharge Estimated Start Date	Discharge Estimated End Date
dredging	09/01/2026	12/31/2026

Project Description (Nature of Activity, include all features)
The project proposes the following:

– Installation of six new berthing dolphins using 30-inch
– Installation of six new catwalks and two new catwalk access platforms
– Installation of two new gangways
– Lighting upgrades along dolphins and catwalks
– Removal and replacement of electrical components as needed to perform dolphin replacement work
– Installation of cathodic protection anodes on all piles
– Dredge approximately 11,000 cubic yards (1.5 acres) to accommodate AMHS vessels at the West Berth during construction of the project at the East Berth
– Up to 5,000 cubic yards for dredge slope protection

Project Purpose (Describe the reason(s) for discharge)
Dredging at the West Berth terminal, adjacent to the East Berth, is needed to accommodate deeper draft vessels, allowing the East Berth facility to remain closed during construction while minimizing impacts on the AMHS fleet. Though sediment buildup is not evident, the shallow basin is insufficient for larger AMHS vessels.

Is any portion of the work already complete?
No

Description of current activity site conditions
The Alaska Marine Highway System (AMHS) Auke Bay Ferry Terminal is located approximately 14 miles northwest of downtown Juneau at the north end of Auke Bay. The terminal serves as the primary ferry connection for Juneau, supporting passenger and vehicle ferry service to communities throughout Southeast Alaska. Activities at the site include ferry arrivals and departures, passenger and vehicle loading and unloading, vehicle staging, and routine terminal operations associated with the AMHS schedule.

Relevant Site Data, Photographs that Represent Current Site Conditions, or other Relevant Documentation
NONE PROVIDED
Comment
NONE PROVIDED

Is this a linear project? (i.e., utility line, road, etc.)
No

Project Address
13485 Glacier Highway
Juneau, AK 99801

Visit the link below to help with conversion between DMS and Latitude/Longitude
DSM - Lat/Long converter

Project Location
58.381652797761454,-134.68643222639267

Visit the following link if you need to convert the lat/long to get the **PLSS information**
Converter for Section, Township, and Range

PLSS Location (Public Land Survey System)

State Tax Parcel ID	Borough/Municipality	Meridian	Section	Township	Range
NONE PROVIDED	City and Borough of Juneau	Copper River	21	40S	65E

Directions to Site
From Juneau International Airport, exit the airport and turn right onto Glacier Highway. Continue northwest on Glacier Highway for approximately 5 miles toward Auke Bay. The ferry terminal is on the right side of the highway, with clearly marked signage directing vehicles into the terminal entrance.

Federal Agency Contact (1 of 2)

Have you been working with anyone in the Federal Agency?
Yes

Federal Contact Role
USACE

Federal Agency Contact

First Name **Last Name**
Randal Vigil

Title
Chief, Southeast\North Central Section

Organization Name
Regulatory Division, Alaska District, USACE

Phone Type **Number** **Extension**
Business 907-201-5022

Email
Randal.P.Vigil@usace.army.mil

Federal Agency Contact (2 of 2)

Have you been working with anyone in the Federal Agency?
Yes

Federal Contact Role
USACE

Federal Agency Contact

First Name **Last Name**
Carolyn Farmer

Title
NONE PROVIDED

Organization Name
USACE

Phone Type **Number** **Extension**
Business 907-201-5022

Email
Carolyn.H.Farmer@usace.army.mil

Dredge Material to be Discharged

Is dredging involved?
Yes

How many acres?
1.5

How much volume? (Cubic Yards)
11,000.00

Is the dredging considered a new project, or maintenance?
New Project

Tier Analysis

A tier analysis is comprised of a layered approach to determine the need for testing the dredge material to aid in generating physical, chemical, toxicity and bioaccumulation information, but not more information than is necessary to make factual determinations.
The tier analysis is a series of tiers (I – IV) or levels of intensity (and cost) of investigation. It is necessary to proceed through the tiers only until information is sufficient to make factual determinations, no further testing is required.

- **Tier I - Site Evaluation and History**. The initial tier (Tier I) uses readily available, existing information (including all previous testing). For certain dredge materials with readily apparent potential for environmental impact (or lack thereof), information collected in Tier I may be sufficient for making factual determinations.
- **Tier II - Chemical Testing** is concerned solely with sediment and water chemistry.
- **Tier III - Biological Testing (bioassay and/or bioaccumulation testing)** is concerned with well-defined, nationally accepte toxicity and bioaccumulation testing procedures.
- **Tier IV - Special Studies** allows for case-specific laboratory and field testing, and is intended to for use in unusual circumstances.

For more information regarding a Tier analysis, see below references

- EPA Inland Testing Manual
- USACE Seattle District Civil Works DMMP User Manual

Has a Tier analysis been conducted of the dredged prism?
Yes

Attach tier analysis and sample results
PND Auke Bay Ferry Terminal Tier 1 Evaluation_012425_Final.pdf - 04/27/2026 09:33 AM
Comment
NONE PROVIDED

Fill Material to be Discharged

Will Fill Material be Discharged?
Yes

For fill material, identify the material source
Likely the Statter Quarry, but could be from somewhere else in Juneau.

Types of material being discharged and the amount of each type (cubic yards)

Type	Cubic Yards
Gradation	5.000

Surface area in (acres or linear feet) of wetlands or other waters filled

Surface Area	Units
1.5	Acres

Discharge Location Information (1 of 1)

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

Discharge Location ID (001, 002, 003, - increment by one)
001

Location Description
58.3742, -134.6613 58.3742, -134.6578 58.3719, -134.6591 58.3720, -134.6614

Placement of Dredged/Fill material discharge
In Water

NOTE: if you have a receiving water that is Wetlands, just enter the generic term "Wetlands". Do not enter "Wetlands of Tanana River", for example.

Please select 'Other' if your waterbody is not in the list below.
You can start typing the name of the waterbody to filter the list.

Receiving Waterbody / Wetlands Name
Auke Bay

Discharge Location
58.37633828149678,-134.6648523284583

Other Pollutant Sources

Contaminated Site Information

Determine if your project is **within 1,500 feet** of a known Alaska DEC Contaminated Site. See the *Alaska DEC Contaminated Web Map* below. This will help you to identify if any potential pollutants/parameters of concern may be present on your project site., see DEC's website:

- Contaminated Sites Web Map
- Contaminated Sites Database Search website

Is the project within 1,500 feet of a known contaminated site?
No

Parameters of Concern that may be present in discharge

Parameter(s) of Concern

Identify the parameters of concern that may be present in your discharge from the dredge and/or fill material.

Note, **TURBIDITY** and **SEDIMENT** are routine parameters associated with dredge and/or fill activities.

Consider if other parameters may be present from past activities in the area such as contamianted site data, impaired waters or other relevant water quality data, or other parameters of concern identified during the application process.

Parameter(s)
Turbidity
Sediment

If known, describe 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
Any rock fill material would be tested to avoid introducing some heavy metals or toxins into the water.

Impaired Waters

An ***impaired waterbody*** are those 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.*

For the most recently *Approved Integrated Water Quality Monitoring And Assessment Report (Integrated Report)*, see DEC's website:

- **Integrated Water Quality Monitoring And Assessment Report** https://dec.alaska.gov/water/water-quality/integrated-report

Does a discharge of any parameter identified above occur to an impaired waterbody?
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).

Avoidance & Minimization BMPs and Mitigation Measures

Describe how impacts 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 environmental impacts, and any methods and means proposed to monitor the discharge and the equipment or measures planned to treat, control, or manage the discharge.

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
The following Best Management Practices (BMPs) will be utilized during construction to further minimize impacts to the environment and WOTUS:
- The ferry terminal will be maintained in a manner that does not introduce any pollutants or debris into Auke Bay.
- All trash will be immediately placed in trash bins and bins will be properly secured with locked or secured lids that cannot blow open and disperse trash into the environment.
- Fuels, lubricants, and other hazardous substances used during construction will not be stored below the high tide line.

Avoidance Measures
As this project involves underwater dredging and removal, impacts to WOTUS could not be avoided.

Minimization Measures
The project is in an already disturbed area and all material disposal will take place at a site already used for that purpose. Straw wattle on the barge will help filter seawater and dredge material to minimize impacts to WOTUS.

ADF&G's Commercial Fisheries Division suggested the optimum time for dredging to
be done from September to December as the larger crabs move to deeper water and will less likely be around the project area. DOT&PF intends to conduct work during this time frame as a result.

In addition, ADF&G recommended the offshore disposal location because it is considered a low value habitat area and it would reduce impacts to Red King Crab.

Mitigation Measures
DREDGING/SCREEDING/UNDERWATER EXCAVATING ACTIVITIES
- All vessels involved in dredging, screeding, and underwater excavating operations, including survey vessels, will transit at velocities =10 knots.
- Dredging, screeding, and underwater excavating activities will shut down whenever a listed marine mammal enters or appears likely to enter the applicable shutdown zone.
- Following a lapse of dredging, screeding, and underwater excavating activities of more than30 minutes, the PSO will authorize resumption of the activity only after the PSO provides assurance that listed marine mammals have not been present within the shutdown zone for at least 30 minutes immediately prior to resumption of operations.
INTERTIDAL FILL/BANK STABILIZATION AND MAINTENANCE
- Fill material will consist of rock fill that is free of fine sediments to the extent practical, or will come from on-site dredged material.- Fill material will be obtained from local sources or will be free of non-native marine and terrestrial vegetation species.

Social / Economic Importance

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.

Social Importance Analysis
Infrastructure improvements
Recreational opportunities

Economic Importance Analysis
Access to a transportation network
Employment, job availability, and salary impacts
Commercial activities

Describe Social and/or Economic Importance of the project
The proposed dredging project is referred to as AMHS Auke Bay Ferry Terminal Improvements project. The purpose of this project is to dredge the West Berth marine terminal of the AMHS Auke Bay Facility. Work will include removal of approximately 11,000 cubic yards of material to increase the depth at the mooring face of the facility. The proposed improvements are needed to allow the larger vessels among the AMHS fleet to berth at the West Berth. Currently the only berth at the Auke Bay Facility to accommodate these vessels is the East Berth. Unfortunately, the East Berth is nearing the end of its
serviceable life, and an overhaul of the facility will be required soon which will require the East Berth to be closed for an extended period. By dredging the West Berth, the Auke Bay Facility will be able to maintain services to Juneau with larger vessels in the fleet, which is critical to AMHS operations because Juneau is the northern Southeast Alaska hub for the fleet. Further having two berths that can accommodate all vessels in the AMHS fleet will improve operations as it allows berths to be taken offline during maintenance operations or improve scheduling as two large vessels can be in port at the same time. For these reasons, dredging the West Berth will increase the operational capabilities of the facility
for the Alaska Marine Highway.

Description of Social or Economic Importance, if needed
NONE PROVIDED
Comment
NONE PROVIDED

List of Other Permits or Certificates

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

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.

Agency	Type of Approval*	Identification Number	Date Applied	Date Approved	Date Denied
USACE	Individual Permit	TBD	*NONE PROVIDED*	*NONE PROVIDED*	*NONE PROVIDED*
NMFS	IHA	*NONE PROVIDED*	*NONE PROVIDED*	10/01/2026	*NONE PROVIDED*
CBJ	Floodplain Development Permit	*NONE PROVIDED*	*NONE PROVIDED*	*NONE PROVIDED*	*NONE PROVIDED*

Other Agency or Local Contacts (1 of 1)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name **Last Name**
Randal Vigil

Title
Chief, Southeast\North Central Section

Organization Name
Regulatory Division, Alaska District, USACE

Phone Type **Number** **Extension**
Business 907-201-5022

Email
Randal.P.Vigil@usace.army.mil

Attachments

Copy of Federal Application (USACE, EPA, or FERC, etc.)
Sampling Site Plan 25.12.5.pdf - 04/27/2026 09:39 AM
SAMHS00419 Revised Figures.pdf - 08/27/2026 11:40 AM
Comment
NONE PROVIDED

Figures and/or Drawings/Plan Sets. To include a map or diagram of the proposed activity site, including the proposed activity boundaries in relation to local streets, roads, and highways.
AttachA_Site Plan.pdf - 04/27/2026 09:33 AM
Comment
NONE PROVIDED

Document Attachments
NONE PROVIDED
Comment
NONE PROVIDED

Delegation of Authority for Submission of Application
NONE PROVIDED
Comment
NONE PROVIDED

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.

Revisions

Revision	Revision Date	Revision By
Revision 1	4/27/2026 9:33 AM	christy.gentemann@alaska.gov christy.gentemann@alaska.gov
Revision 2	8/27/2026 10:21 AM	christy.gentemann@alaska.gov christy.gentemann@alaska.gov

Agreements and Signature(s)

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.

Signed By christy.gentemann@alaska.gov christy.gentemann@alaska.gov on 09/10/2026 at 9:18 AM
vDtXU46aX6CmcpFufG8FMMr4X926s773BRZx/qr/vfM7dN6lu93w9t0pH+uf07a5yhhpA3HrPK68YwqLeDTygg==