CWA 401 Water Quality Certification Request

version 2.15

(Submission #: HQH-2X5S-AZ3MT, version 1)

Details

Site: Boathouse staging inland

Submission ID HQH-2X5S-AZ3MT

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 1)

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)
Applicant
Billing Contact
Owner

Contact

Prefix
Ms.

First Name **Last Name**
Patricia Smart

Title
Owner

Organization Name
William and Patricia Smart

Phone Type	Number	Extension
Mobile	907-617-5808	

Email
smartconstruction@kpunet.net

Mailing Address

PO Box 8200

USS3840 Block 2 Lot 33

Ketchikan, AK 99901

[NO COUNTRY SPECIFIED]

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#######)
POA-2025-00433

Project Name or Title
Boathouse staging inland

Primary Receiving Waterbody Name
NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
01/01/2026	05/31/2026

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Stage boathouse	01/01/2026	01/31/2026

Project Description (Nature of Activity, include all features)
Stage existing 40 x 80' concrete and steel boathouse in position. Fill around boathouse with clean shot rock from elevation +13 to +22 with clean shot rock and armor rock on face.

Project Purpose (Describe the reason(s) for discharge)
To permanently place 40 x 80' boathouse in current barge storage grid.

Is any portion of the work already complete?
No

Description of current activity site conditions
The current activity site contains a 80' long x 10' high cement block wall with backfill of shot rock. It has a 10" pipe outfall. This specific area had originally been dredged of approximately 500 cy of material to build the barge storage grid. Note: This was permitted under ACOE permit no M-900836, Tongass Narrows 479 in the very distant past.

Relevant Site Data, Photographs that Represent Current Site Conditions, or other Relevant Documentation
Arial of Smart Gravina Is Properties.jpg - 11/13/2025 10:18 AM
Comment
NONE PROVIDED

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

Project Address
USS3840 Block 2 Lot 33
Ketchikan, AK 99901

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

Project Location
55.3834,-131.760

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
305420003000	Ketchikan Gateway Borough	Copper River	12	755	89E

Directions to Site
Site is located on Gravina Island, across from Ketchikan. From Ketchikan International Airport, travel approximately 2.5 miles North on Gravina Highway to arrive at site.

Federal Agency Contact (1 of 1)

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

Federal Contact Role
USACE

Federal Agency Contact

First Name Leah **Last Name** Barrett

Title
Owner

Organization Name
US Army Corps of Engineers - Alaska District

Phone Type	Number	Extension
Business	9077532760	

Email
Leah.Barrett@usac.army.mil

Dredge Material to be Discharged

Is dredging involved?
No

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

Fill Material to be Discharged

Will Fill Material be Discharged?
No

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

Surface Area	Units
.25	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

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
Tongass Narrows

Discharge Location
55.3834,-131.760

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)
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
The 1600 cubic yards of shot rock and 200 cubic yards of armor rock is clean material. There is no dirt/debris in any of this fill. Do not foresee any potential impacts to the receiving waters of Tongass Narrows at the site.

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
It is to be noted; the placement of all rock fill has to be done at elevation +13 tide and above when the area is dry thus allowing operation of heavy equipment at site. This would include placement of armor rock. Therefore, no rock material will be placed directly into water.

Avoidance Measures
As stated, placement of rock fill can only begin at +13 tide and above. The heavy equipment used is inspected and serviced indicating no leakage of contaminants, etc. We have at our disposal safety measures (boom/absorbent). As the tide begins to come in, all equipment is removed from site so as not to be exposed to water.

Minimization Measures
Working with the tide, only placing fill on dry/exposed ground. The rock has been screened/sorted prior to use. There is no contaminant in any of the rock material.

Mitigation Measures
Again, only working on rock fill placement when "the tide" is out to create a dry exposed area to run heavy equipment to place and spread fill. The area and equipment used will be monitored constantly for exposure to any adverse materials.

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

Economic Importance Analysis
NONE PROVIDED

Describe Social and/or Economic Importance of the project
Permanently placing the boathouse on land will prevent further wear and tear to the structure that has happened because of heavy marine vessel wake activity and extreme wind that comes through this area.

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
NONE PROVIDED	*NONE PROVIDED*	*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
Leah	Barrett

Title
Regulatory Specialist

Organization Name
US Army Corps of Engineers - Alaska District

Phone Type	Number	Extension
Business	9077532760	

Email
Leah.Barrett@usac.army.mil

Attachments

Copy of Federal Application (USACE, EPA, or FERC, etc.)
Corp Permit App USS3840 Block 2 Lot 33.pdf - 11/13/2025 11:09 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.
Site Drawings.pdf - 11/13/2025 11:13 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.

Agreements and Signature(s)

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 Patricia Smart on 11/13/2025 at 11:45 AM