

CWA 401 Water Quality Certification Request

version 2.16

(Submission #: HQN-W2AD-K3JEG, version 1)

Digitally signed by:
dec.alaska.gov
Date: 2026.05.29 11:06:12 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: Antonia Subdivision

Submission ID HQN-W2AD-K3JEG

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)

Application Preparer
Consultant

Contact

Prefix

NONE PROVIDED

First Name Last Name

Kari Mejorado

Title

Consultant

Organization Name

Horsetail Consulting

Phone Type Number Extension

Mobile 970-729-2676

Email

horsetailconsulting@gmail.com

Mailing Address

P.O. Box 149

Stebbins, AK 99671

United States

Contact Information (2 of 2)

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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

Contact

Prefix

NONE PROVIDED

First Name Last Name

Doreen Tom

Title

Housing Director

Organization Name

Stebbins Community Association

Phone Type Number Extension

Business 907-934-2482

Email

sca.housingdepartment@gmail.com

Mailing Address

P.O. Box 149

Stebbins, AK 99671

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#####)

POA-00044

Project Name or Title

Antonia Subdivision

Primary Receiving Waterbody Name

NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
06/15/2026	10/15/2026

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
NONE PROVIDED	NONE PROVIDED	NONE PROVIDED

Project Description (Nature of Activity, include all features)

The Antonia Subdivision project is a planned single family housing subdivision located in the village of Stebbins, Alaska. The homes would be sold to low-to-moderate, NAHASDA eligible community members with priority to families who were affected by the Typhoon Merbok flood. The site is already served by an access road from the main townsite. This project will involve constructing a subdivision road to access the lots off of the access road; creating 10 compacted gravel pads for this project and future projects; constructing 4 new 3-bedroom homes; and installing 2 cabins which are to be moved to the community from Bethel. This project will be located adjacent to existing housing.

Stebbins does not have community water or sewer, but the homes will be plumbed for any future installations of community systems. All units will be connected to the community power grid. Running utility power lines to the lots is part of the scope of this project.

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

Based upon the Needs Data provided by HUD, it has been determined that 110 American Indian/ Alaska Native (AIAN) households in Stebbins are a community with a population of only 595 AIAN persons are under 80% of Area Median Income. The estimated housing shortage in the village is 95 units. Many more units of single family housing are needed to alleviate problems of crowding because of extended family members with limited incomes living together. In addition to the chronic shortage of housing in the village, Stebbins was impacted by Typhoon Merbok in 2022.

The primary goal of this construction project is to offer immediate shelter and long-term stability to community members whose homes were destroyed or damaged by the Typhoon Merbok Flood. By situating the cabins on elevated ground and on the hillside, we ensure safety from future flooding. The cabins will be designed to blend functionality, affordability, and environmental sensitivity, aligning with the vision of creating a supportive and cohesive community for those in need.

Is any portion of the work already complete?

No

Description of current activity site conditions

The proposed subdivision is located a short distance from the main townsite of Stebbins in an area that is on higher elevation and safe from future flooding dangers. There are several single family units already existing in a development adjacent to the proposed new subdivision. The new sites will be located on previously undeveloped land.

Relevant Site Data, Photographs that Represent Current Site Conditions, or other Relevant Documentation

- [20250926_132533.jpg - 05/27/2026 09:08 AM](#)
- [20250926_132458.jpg - 05/27/2026 09:08 AM](#)
- [20250926_132554.jpg - 05/27/2026 09:08 AM](#)
- [20250926_132600.jpg - 05/27/2026 09:08 AM](#)

Comment

NONE PROVIDED

Is this a linear project? (i.e., utility line, road, etc.)

No

Project Address

[NO STREET ADDRESS SPECIFIED]

[NO CITY SPECIFIED], AK [NO ZIP CODE SPECIFIED]

Visit the link below to help with conversion between DMS and Latitude/Longitude

[DSM - Lat/Long converter](#)

Project Location

63.52481613806069,-162.28505204240682

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	Nome Census Area	Kateel River	S2 T23S R19W	T23S R19W	023.0S - 019.0W

Directions to Site

Tract F, Lots 1-3, 5, 7-9; Tract G, Lots 1, 2, 8

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 Quinn
Last Name Germann

Title
NONE PROVIDED

Organization Name
USACE

Phone Type Business
Number 907-753-2773
Extension

Email
quinn.h.germann@usace.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 accepted 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?

Yes

For fill material, identify the material source

local pit run

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

Type	Cubic Yards
local pit run	6.150

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

Surface Area	Units
6.05	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

Other

Discharge Location

63.52430308168213,-162.28429727363425

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 contaminated 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

Sediment may wash out of the fill material, but it is not likely to have impacts on any waterbodies.

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](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

See below for Avoidance and Minimization measures that will be implemented as part of this project.

Avoidance Measures

The selected site is located adjacent to existing housing within the village footprint, and is partially served by an established access road, minimizing the need for additional roads through undisturbed areas. Alternative locations were considered; however, the chosen site represents the least environmentally damaging practicable alternative due to its proximity to existing infrastructure and previously disturbed areas. The project design further limits impacts by confining construction to a defined footprint, including a subdivision road, ten compacted gravel pads, and associated residential structures. By siting improvements within or near previously impacted areas, the project avoids direct impacts to aquatic resources to the maximum extent practicable while still meeting the purpose of providing housing for low-to-moderate income, NAHASDA-eligible residents.

Minimization Measures

Minimization Statement

For those impacts to waters of the United States that could not be practicably avoided, the applicant has incorporated the following measures to minimize adverse effects on the aquatic environment:

- (1) Limit the construction footprint to only what is necessary for roads, pads, and structures, with clearly flagged boundaries to prevent encroachment into adjacent aquatic resources or wetlands.
- (2) Design the subdivision road and gravel pads to maintain natural drainage patterns, including the use of culverts or low-impact drainage features to prevent hydrologic disruption.
- (3) Utilize clean, properly sourced fill material and avoid sidecasting into wetlands or other waters.
- (4) Implement spill prevention and control measures for fuels and equipment to protect water quality.

Mitigation Measures

Same as Minimization Measures.

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
Community services provided

Economic Importance Analysis

NONE PROVIDED

Describe Social and/or Economic Importance of the project

Stebbins is a severely overcrowded and historically disadvantaged community populated mostly by Alaska Native tribal members. Stebbins has been hit by a series of environmental disasters, including two typhoons, that has degraded the already insufficient housing supply. Increasing the supply of safe, sanitary and affordable housing is absolutely necessary to the continued survival of the community.

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
Office of History and Archeology	Letter of Concurrence	3130-1R HUD / 2025-01200	12/10/2026	01/12/2026	NONE PROVIDED
USACE	Permit	POA-2026-0004	04/01/2026	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**
Doreen Tom

Title
Housing Director

Organization Name
Stebbins Community Association

Phone Type **Number** **Extension**
Business 907-934-2482

Email
sca.housingdepartment@gmail.com

Attachments

Copy of Federal Application (USACE, EPA, or FERC, etc.)

[Wetlands Permit Updated.pdf - 05/27/2026 09:08 AM](#)
[POA-2026-00044_BeringSeaPN.pdf - 05/27/2026 09:08 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.

[Stebbins Project Area.png - 05/27/2026 09:08 AM](#)
[McClintok Survey Plans.pdf - 05/27/2026 09:08 AM](#)
[Crowther 035016 Arrsauyaq Subdivisioin 2022 Streets.pdf - 05/27/2026 09:08 AM](#)
[antonia subdivision 92625.jpeg - 05/27/2026 09:08 AM](#)
Comment
NONE PROVIDED

Document Attachments

NONE PROVIDED
Comment
NONE PROVIDED

Delegation of Authority for Submission of Application

[04162026_Statement of Authorization.pdf - 05/27/2026 09:08 AM](#)
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)

Certification Statement

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Signed By kari.mejorado@unkira.org kari.mejorado@unkira.org on 05/27/2026 at 12:55 PM
mwBQnqZKfGrp9+VF9uHglBZkOwym57ilA9VbPWhYh9o8cxfbAJeVGgGtudZgscWXsBZvbXBPVH/AarpwnmCBg==