

CWA 401 Water Quality Certification Request

version 2.17

(Submission #: HQP-X77D-44N4H, version 1)

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Date: 2026.08.11 09:48:16 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: Stebbins First Service Project

Submission ID HQP-X77D-44N4H

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 3)

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

Contact

Prefix

NONE PROVIDED

First Name Last Name
John Nashoanak

Title
Mayor

Organization Name
City of Stebbins

Phone Type Number Extension
Business 907-934-3451

Email
stebbinscity@yahoo.com

Mailing Address
PO Box 71022
Stebbins, AK 99671
United States

Contact Information (2 of 3)

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
Billing Contact

Contact

Prefix

NONE PROVIDED

First Name Last Name
Cooper Arend

Title
Environmental Specialist

Organization Name
ANTHC

Phone Type Number Extension
Mobile 9072440702

Email
charend@anthc.org

Mailing Address
4500 Diplomacy Dr Suite 454
Anchorage, AK 99508
United States

Contact Information (3 of 3)

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

Contact

Prefix

NONE PROVIDED

First Name Last Name

Karen Brown

Title

Environmental Manager

Organization Name

ANTHC

Phone Type Number Extension

Mobile 907-350-0453

Email

kmbrown@anthc.org

Mailing Address

4500 Diplomacy Dr Suite 454

Anchorage, AK 99508

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-2026-00097

Project Name or Title

Stebbins First Service Project

Primary Receiving Waterbody Name

Norton Sound

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
08/01/2026	12/31/2031

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
NONE PROVIDED	08/01/2026	12/31/2031

Project Description (Nature of Activity, include all features)

The City of Stebbins proposes to construct and operate new water and wastewater systems to address sanitation deficiencies in the community. The project will include the construction of new water supply facilities, wastewater disposal facilities, and water and sewer distribution mains.

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

The purpose of the project is to provide the community of Stebbins with year-round access to potable water and sanitary wastewater disposal. After future phases 2, 3, and 4 are complete, the project will provide the community with piped water and wastewater disposal with bathroom and kitchen facilities constructed in each home and community building. The project is needed to address sanitation deficiencies. Residents currently haul drinking water from the temporary washeteria watering point. However, it is not permitted by ADEC to provide drinking water. Residents used the school for bathroom facilities until it was destroyed by fire in 2024. Wastewater disposal is via honeybuckets. Wastewater is disposed of in an over-capacity, failing honeybucket disposal site near the landfill. The existing septic tank serving the clinic, clinic housing and temporary washeteria discharges to four seepage pits and is failing. RWTL from Clear Lake to the WTP freezes every winter and does not thaw until late spring. The RWTL is above-grade arctic pipe with no glycol or heat trace. Water is treated during the summer.

Upgrades to the Clear Lake intake, repairs to the existing RWTL, new sections of the RWTL, and the new wastewater treatment and disposal system are needed to alleviate potential health hazards by providing a safe, reliable source of potable water and sanitary sewage disposal

Is any portion of the work already complete?

No

Description of current activity site conditions

Current site conditions vary. For the water supply portion of this project, most of this area is already in use, as the project will be constructing a new water intake at the same location as the current one and using the existing access road to get there. The existing raw water treatment line will also be used for a majority of the alignment, except where it breaks off to the new raw water reservoir. The new raw water reservoir will be constructed in an existing material pit.

For the wastewater portion of the project, most of this area is not already in use. The project will construct a new sewage lagoon in an area that is currently wetlands. An access road will also be extended through these wetlands to provide access to the new lagoon.

For the distribution pipe portion of this project, most of this area is already in use as the majority of the pipes will be buried under existing gravel roads throughout the community.

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

[NO STREET ADDRESS SPECIFIED]

Stebbins, AK 99671

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

[DSM - Lat/Long converter](#)

Project Location

63.51389675851807,-162.28233584718964

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	12	23S	19W

Directions to Site

From Stebbins Airport head west on Terminal Street for approximately 400 feet before turning left and heading south on the existing access trail along the beach. Follow the trail south for approximately 700 feet. Then follow access trail east for approximately 1,750 feet until sewage lagoon project area is reached.

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 **Last Name**

Stephen Moore

Title

Project Manager

Organization Name

USACE

Phone Type **Number** **Extension**

Business 907-753-5713

Email

stephen.a.moore2@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 material pit

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

Type	Cubic Yards
Class 1 Rip Rap	2,865
Embankment Fill	96.416
Surface Course	1,200

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

Surface Area	Units
7.17	Acres

Discharge Location Information (1 of 4)

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

Clear Lake

Discharge Location

63.4968,-162.2311

Discharge Location Information (2 of 4)

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)

002

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
63.5216,-162.2847

Discharge Location Information (3 of 4)

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)
003

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
Wetlands

Discharge Location
63.5132,-162.2872

Discharge Location Information (4 of 4)

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)
004

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
Wetlands

Discharge Location
63.5139,-162.2775

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)

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

Fill material is clean material.

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

Impacts to waters of the United States will be avoided and minimized through careful site planning and implementation of best management practices (BMPs) during construction. Natural buffer areas will be maintained as possible to protect adjacent water resources and reduce the potential for sediment transport. During construction, soil disturbance will be minimized by limiting the amount of exposed soil at any given time and implementing phased construction practices so that only necessary areas are disturbed. Retaining topsoil near the site will allow for quicker stabilization and revegetation of disturbed areas. Erosion and sediment control BMPs, including the installation of silt fencing around disturbed areas, will be implemented to capture sediment and reduce runoff impacts.

Avoidance Measures

Wetlands cannot be avoided. The project area and land surrounding the community is comprised almost entirely of wetlands. The project was designed to avoid wetland impacts to the extent practicable by choosing the shortest distance and best terrain and still provide adequate separation distance from the community to the proposed sewage lagoon system.

The existing RWTL is aboveground and will be rehabilitated to provide continuing service. Additional sections of RWTL will be installed aboveground to avoid filling wetlands. The raw water impoundment will be located within an abandoned gravel pit with existing access to avoid wetland impacts.

Minimization Measures

The project boundaries will be surveyed and flagged prior to construction to avoid inadvertent encroachment on wetlands. Natural drainage patterns will be maintained along the access road using 24-inch culverts. The sewage lagoon system size was minimized to the extent practicable to provide adequate sewage disposal for the population for the next 20+ years. The existing sewage lagoon access road and existing sewer force main will be upgraded and extended to minimize wetland impacts. Overburden and excess fill material will be placed on plastic sheeting to minimize impacts to wetlands. The areas will be seeded with locally appropriate seed mix once the plastic sheeting is removed following completion of construction.

The width of the causeway across the Unnamed Pond is minimized to the extent practicable to provide a stable platform for the RWTL and future Phase 5 supply and return water mains necessary to provide service to the Hillside portion of the village. Existing roads will be used to access the project area. All excess construction material will be removed from the construction site and disposed of at the permitted Stebbins Landfill. All petroleum products will be managed in accordance with state and federal regulations. Spill control equipment will be available at the staging areas and stored in all construction vehicles in case of an accidental spill or leak.

Mitigation Measures

No compensatory mitigation is proposed. The project area and community are surrounded by numerous high-quality, well-preserved wetlands. The new sewage lagoon will be fenced and gated to prevent accidental access. Construction of the sewer force main extension, access road, sewage lagoon and outfall is needed to reduce the environmental and health risks associated with the current over-capacity, failing honeybucket disposal site and seepage pits. The new raw water reservoir and extension to the RWTL are required to provide a year-round supply of potable water to the community.

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

Community services provided
Public health or safety improvements
Infrastructure improvements

Economic Importance Analysis

Employment, job availability, and salary impacts

Describe Social and/or Economic Importance of the project

Improve the overall health conditions of the Stebbins residents by providing a reliable and safe source of potable water to accommodate the needs of the households. Provide wastewater treatment and disposal to avoid undesirable environmental and health impacts. Beneficial impact would occur to the environment and subsistence resources from the sanitary disposal of sewage.

Construction would create minor, short-term beneficial impacts to the community through local employment and business revenue opportunities. Local workers would be hired during the construction phase. Housing, goods and services would be procured during construction.

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
ADEC	APDES Discharge Permit	AKG573046	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
ADFG	Fish Habitat	FH23-III-0247	NONE PROVIDED	03/04/2026	NONE PROVIDED
ADEC	ATC Water	PWSID 340492	NONE PROVIDED	05/14/2026	NONE PROVIDED
ADEC	ATC Wastewater	PA-000776	NONE PROVIDED	05/05/2026	NONE PROVIDED
SOA	Fire Marshall	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
ADEC	CGP	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
ADOT	Boundary Crossing Permit	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
ADOT	Utility Permit	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
USACE	404	POA-2026-00097	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
FAA	Obstruction Evaluation	2024-AAL-1423	NONE PROVIDED	08/14/2024	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
Daisy Katcheak
Title
City Administrator
Organization Name
City of Stebbins
Phone Type Number Extension
Business 907-934-3451
Email
admin@cityofstebbins.org

Attachments

Copy of Federal Application (USACE, EPA, or FERC, etc.)
[Stebbins First Service USACE 404 App Additional Information.pdf - 07/08/2026 01:42 PM](#)
[Stebbins First Service USACE 404 App signed.pdf - 07/08/2026 01:42 PM](#)
[Stebbins First Service USACE 404 App Drawings.pdf - 07/08/2026 01:42 PM](#)
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 First Service USACE 404 App Drawings.pdf - 07/08/2026 02:06 PM](#)

Comment

See drawings attached with USACE application.

Document Attachments

NONE PROVIDED

Comment

NONE PROVIDED

Delegation of Authority for Submission of Application

[Stebbins ADEC 401 Application Delegation of Authority \(signed\).pdf - 07/08/2026 01:42 PM](#)

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

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 Karen Brown on 07/08/2026 at 2:25 PM
rYCItTk6kRF/5NOB/McCjgalt1zc18Ifxp5TCF4xMls5yDYb+kp4/dt86BqE5jChJayZxpNesfBbKu1DTHJYMg==