

CWA 401 Water Quality Certification Request

version 2.16

(Submission #: HQF-P134-Z8H6Z, version 1)

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Date: 2026.03.20 15:18:16 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: Yakutat Water Line Extension

Submission ID HQF-P134-Z8H6Z

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)

Application Preparer
Consultant

Contact

Prefix

NONE PROVIDED

First Name Last Name

Dana Fjare

Title

Environmental Scientist

Organization Name

Shannon & Wilson, Inc.

Phone Type Number Extension

Business 907-987-7174

Email

dana.fjare@shanwil.com

Mailing Address

2355 Hill Road

Fairbanks, AK 99709

[NO COUNTRY SPECIFIED]

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)

Applicant

Contact

Prefix

NONE PROVIDED

First Name Last Name

Jon Erikson

Title

Borough Manager

Organization Name

City and Borough of Yakutat

Phone Type Number Extension

Business 907-784-3324

Email

manager@yakutatak.us

Mailing Address

434 Max Italo Drive

Yakutat, AK 99689

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)

Billing Contact

Contact

Prefix

NONE PROVIDED

First Name Last Name

Karen Brady

Title

PE, Project Manager

Organization Name

RESPEC

Phone Type Number Extension

Business 907-452-1414

Email

karen.brady@respec.com

Mailing Address

2700 Gambell St
Suite 500
Anchorage, AK 99503
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-2025-00427

Project Name or Title

Yakutat Water Line Extension

Primary Receiving Waterbody Name

NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
04/01/2026	11/30/2027

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 project includes approximately 18,000 feet of 10-inch pipe and 2,250 feet of 6-inch pipe, installed at least five feet below grade using trenching and boring methods. Construction will occur mainly within existing road rights-of-way, with a 20-foot disturbance zone on either side. A 500,000-gallon water tank and 1,400-square-foot pumphouse will be built on three CBY-owned parcels totaling six acres near Coast Guard Road and Airport Road, with about 0.82 acres cleared for installation.

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

The detection of PFAS in drinking water wells near the Yakutat Airport has created a need for a long-term replacement water source for affected properties. The purpose of the proposed project is to provide a reliable drinking water supply for properties affected by PFAS contamination.

Is any portion of the work already complete?

No

Description of current activity site conditions

The site is currently vegetated shoulder of Airport Road. No project work has begun.

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.)

Yes

Linear Feet

20,250.0

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

59.526400,-139.693939

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	Yakutat Borough	Copper River	5	28S	34E

Directions to Site

The project area is an approximately 3.5-mile-long alignment in the right-of-way along the north side of Airport Road between the City of Yakutat and the airport. The northwest end of the alignment splits at Coast Guard Road to separately meet Mallott Avenue and Ophir Creek Road and the southeast end of the alignment leaves Airport Road to follow Endicott Way to Airport Access Road. In addition, the City and Borough of Yakutat (CBY) plans to plans to develop three parcels near the intersection of Coast Guard Road and Airport Road.

Federal Agency Contact (1 of 2)

Have you been working with anyone in the Federal Agency?

Yes

Federal Contact Role

EPA

Federal Agency Contact

First Name **Last Name**

Trish Winn

Title

Community Grants Program Coordinator

Organization Name

EPA

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

Business 800-424-4372

Email

winn.trish@epa.gov

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**

Gwen Jacobson

Title

NONE PROVIDED

Organization Name

USACE

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

Business 907-347-5802

Email

gwendolyn.a.jacobson@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 to 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

Either backfill meeting project soil specifications or approved gravel from a local Yakutat source

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

Type	Cubic Yards
Aggregate	1,063.0

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

Surface Area	Units
0.61	Acres

Discharge Location Information (1 of 2)

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

Wetland C

Discharge Location

59.526382,-139.693217

Discharge Location Information (2 of 2)

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

Wetland D

Discharge Location

59.522571,-139.685789

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?

Yes

Contaminated Sites

Hazard ID#	Contaminated Site Name	Contaminant Type	Latitude	Longitude	In soil or groundwater?	CS Staff Contact
26914	Yakutat AFB Hospital Loop Area AOC E3	Drum Dump Site	NONE PROVIDED	NONE PROVIDED	Soil	No longer assigned

Describe the identified contaminated site(s) or groundwater plume within 1,500 feet

The DEC contaminated site, Yakutat AFB Hospital Loop Area AOC E3, File Number: 1530.38.011, Hazard ID: 26914, status: cleanup complete, is located approximately 1,300 feet east of the proposed project discharge (Wetland D). Other contaminated sites are near the project area outside of the location of wetland impacts. One soil sample (B-23) collected during the December 2024 geotechnical investigation near the airport contained petroleum hydrocarbons and metals in exceedance of DEC migration-to-groundwater cleanup levels.

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

The Contractor will develop and implement a stormwater pollution prevention plan (SWPPP) with comprehensive temporary and permanent erosion, sediment, and pollutant control systems. These controls may include, but are not limited to, best management practices such as seeding, vegetative buffers, silt fences, and slope stabilization. In addition, contaminated soil was identified in a sample near the airport and will be managed during construction in accordance with a DEC-approved CMMP. The volume of permanent fill will be 1,063 cubic yards.

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

To minimize impacts to nearby waters, the project will implement a Storm Water Pollution Prevention Plan (SWPPP) in compliance with ADEC's Construction General Permit. The SWPPP will include site-specific best management practices (BMPs). A Hazardous Material Control Plan and Spill Prevention, Control, and Countermeasure Plan will also be submitted prior to construction. Monitoring will be conducted throughout the project.

Avoidance Measures

The water line will be installed using directional drilling where it passes under streams, where practical, to avoid impacts to anadromous streams.

Minimization Measures

Impacts to anadromous streams will be minimized by implementation of BMPs such as using silt fencing to isolate the work area. The areas with unavoidable stream impacts are previously human-altered ditch-streams, created due to construction of the Yakutat Airport Road. The water line will expand the road prism slightly into the ditch stream in places. The addition of gravel fill to build out the road prism will not substantially alter the ditch stream bank or bed characteristics as the current condition is vegetated gravel from the road construction. The project will secure an ADF&G Fish Habitat permit prior to beginning work; the project's Fish Habitat Permit was submitted to ADF&G February 26, 2026 and is currently in the agency's review. The Fish Habitat Permit will have additional details on minimization measures to be taken during water line installation.

Mitigation Measures

Fill placed in wetlands will be revegetated after construction and monitored in accordance with the SWPPP. The new road prism will have similar bank characteristics to the existing road prism.

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

Public health or safety improvements
Infrastructure improvements

Economic Importance Analysis

NONE PROVIDED

Describe Social and/or Economic Importance of the project

The proposed project would extend the municipal water system to the Yakutat Airport area, where drinking water wells have tested positive for PFAS contamination. By providing a safe and reliable drinking water source, the project directly improves public health and safety. It also strengthens local infrastructure by connecting affected properties to the city's water supply and offers long-term operational benefits, including the capacity for future service expansion.

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	POA-2025-00427	09/11/2025	NONE PROVIDED	NONE PROVIDED

Other Agency or Local Contacts (1 of 2)

Contact Role

OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name Last Name

Randal Vigil

Title

USACE Chief of SE Section

Organization Name

USACE

Phone Type Number Extension

Business 907-201-5022

Email

randal.p.vigil@usace.army.mil

Other Agency or Local Contacts (2 of 2)

Contact Role

OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name Last Name

Nicholas Jensen

Title

Habitat Biologist

Organization Name

Alaska Department of Fish and Game

Phone Type Number Extension

Business 907-465-6646

Email

nicholas.jensen@alaska.gov

Attachments

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

[1\) USACE Individual Permit App_Yakutat Water Line Extension.pdf - 09/17/2025 08:39 AM](#)

[AlternativesAnalysis_YakutatWaterlineExtension_final_L.pdf - 03/20/2026 08:40 AM](#)

[CompensatoryMitigationPlan_final_L.pdf - 03/20/2026 08:41 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.

[Yakutat Waterline Ext Anadromous Waters Figures_REV2_Optimized.pdf - 03/20/2026 08:29 AM](#)

[Yakutat Waterline Anadromous Waters Table_REV2.pdf - 03/20/2026 08:30 AM](#)

[Cross-section pg. C-401.pdf - 03/20/2026 08:30 AM](#)

[Photo Log_Optimized.pdf - 03/20/2026 08:34 AM](#)

Comment

Site map figures with anadromous streams, water line construction drawings from RESPEC, and photo log of anadromous streams within the project area

Document Attachments

NONE PROVIDED

Comment

NONE PROVIDED

Delegation of Authority for Submission of Application

[2\) DEC 401 Cert App.pdf - 09/17/2025 08:39 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)

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 dana.fjare@shanwil.com dana.fjare@shanwil.com on 03/20/2026 at 11:03 AM
By