

CWA 401 Water Quality Certification Request

version 2.15

(Submission #: HQC-8W65-CGGCF, version 1)

Digitally signed by:
dec.alaska.gov
Date: 2025.05.05 09:42:12 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: Wrangell Storage

Submission ID HQC-8W65-CGGCF

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

Consultant

Application Preparer

Contact

Prefix

NONE PROVIDED

First Name Last Name

Tyler Riberio

Title

Agent

Organization Name

Tydi Creek Environmental

Phone Type Number Extension

Business 9079574438

Email

tydicreekenvironmental@gmail.com

Mailing Address

PO Box 2105

Wrangell, AK 99929

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)

Applicant

Owner

Billing Contact

Contact

Prefix

NONE PROVIDED

First Name Last Name

Phillip Mach

Title

Owner

Organization Name

Wrangell Storage LLC.

Phone Type Number Extension

Business 9074207755

Email

phillip.mach@gmail.com

Mailing Address

PO Box 47

Wrangell, AK 99929

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-2025-00146

Project Name or Title
Wrangell Storage

Primary Receiving Waterbody Name
Zimovia Strait

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
06/01/2025	12/31/2025

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Driveway and building pad fill	06/01/2025	12/31/2025

Project Description (Nature of Activity, include all features)
The proposed project would discharge fill into wetlands and other Waters of the U.S. to construct a pad and commercial storage facility.

Project Purpose (Describe the reason(s) for discharge)
The purpose of the proposed project is to provide the community of Wrangell with commercial storage services.

Is any portion of the work already complete?
No

Description of current activity site conditions
The site is currently undeveloped.

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
1054 ZIMOVIA HWY
Wrangell, AK 99929

Visit the link below to help with conversion between DMS and Latitude/Longitude
[DSM - Lat/Long converter](#)

Project Location
56.462447597021125,-132.37596979141708

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
03-002-300	City & Borough of Wrangell	Copper River	30	062S	084E

Directions to Site

The site is located on Zimovia Highway in Wrangell, Alaska.

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**
Estrella Campellone

Title
NONE PROVIDED

Organization Name
USACE

Phone Type **Number** **Extension**
Business 907-753-2518

Email
Estrella.F.Campellone@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

BW Enterprises Material Site

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

Type	Cubic Yards
Shot Rock Fill	50,000

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

Surface Area	Units
1.95	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

Zimovia Strait

Discharge Location

56.462398695082506,-132.3758625030565

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
25529	Wrangell Power Plant	Petroleum	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED

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

Contaminant Soil (mg/kg) Depth (bgs)

DRO 19,600 5

1-methylnaphthalene 21.2 5

2-methylnaphthalene 23.1 5

Naphthalene 4.1 5

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

Respective concentrations are not known.

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

The proposed project will not discharge material into any discrete conveyance. As such, no mobilization of sediment or turbidity is expected.

Avoidance Measures

The proposed project will not discharge material into any discrete conveyance. As such, no mobilization of sediment or turbidity is expected.

Minimization Measures

Minimization measures include using non-erodible materials at 1.5:1 slopes to prevent sediment mobilization.

Mitigation Measures

No mitigation measures are proposed for this project.

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

NONE PROVIDED

Economic Importance Analysis

Commercial activities
Employment, job availability, and salary impacts

Describe Social and/or Economic Importance of the project

The proposed project will provide the community of Wrangell with much-needed commercial storage options.

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-2025-00146	03/14/2025	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	
Estrella	Campellone	
Title		
Project Manager		
Organization Name		
USACE		
Phone Type	Number	Extension
Business	907-753-2518	
Email		
Estrella.F.Campellone@usace.army.mil		

Attachments

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

POA-2025-00146_ZimoviaStraitPN.pdf - 05/01/2025 10:54 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.

POA-2025-00146_ZimoviaStraitPN (1).pdf - 05/01/2025 11:02 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 Phillip Mach on 05/05/2025 at 9:36 AM