

CWA 401 Water Quality Certification Request

version 2.17

(Submission #: HQR-DYBP-3D5VR, version 1)

Digitally signed by:
dec.alaska.gov
Date: 2026.09.24 13:36:14 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: Alsop Canal

Submission ID HQR-DYBP-3D5VR

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)

Applicant

Owner

Contact

Prefix

NONE PROVIDED

First Name Last Name

Jeff Dyson

Title

Owner/Applicant

Organization Name

Owner/Applicant

Phone Type Number Extension

Mobile 907-250-9983

Email

jeffdyson34@gmail.com

Mailing Address

20083 Alsop Rd

Wasilla, AK 99623

[NO COUNTRY SPECIFIED]

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)

Agent

Consultant

Billing Contact

Application Preparer

Contact

Prefix

NONE PROVIDED

First Name Last Name

Owen Means

Title

Sr. Environmental Specialist

Organization Name

HDL Engineering Consultants, LLC

Phone Type Number Extension

Business 907-564-2143

Email

omeans@hdlalaska.com

Mailing Address

3335 Arctic Blvd

Suite 100

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-2025-00475

Project Name or Title

Alsop Canal

Primary Receiving Waterbody Name

NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
10/01/2026	10/31/2027

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 proposed project would construct an approximately 700-foot-long by 20-foot-wide channel floatplane channel and adjacent driveways. The channel and driveways would be constructed within wetlands and connect an existing gravel airfield to an unnamed lake. The channel would be constructed by placing approximately 20,000 cubic yards (cy) of fill material to construct two parallel driveway embankments, and then excavating approximately 4,000 cubic yards of wetland soils. Equipment would be operated from the driveway embankments. Wetlands impacts are anticipated to be 0.33 acres of dredge and 0.71 acres of fill.

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

The proposed project would develop a private floatplane facility serving aviation users in the southern portion of the Matanuska-Susitna Borough (MSB). According to the 2017 MSB Regional Aviation System Plan (RASP), there is currently an unmet demand for floatplane facilities in the southern portion of the MSB. The RASP identified several location of public-use facilities. The proposed project was not included in the list of potential public-use facilities, but would provide similar services to other existing private facilities such as Wolf Lake.

Is any portion of the work already complete?

Yes

Please describe the completed work

The applicant has completed some fill activity prior to receiving authorization and has been advised of the need to obtain a USACE wetland permit. Completed work includes approximately 0.3 acres of fill material placed for the purpose of parallel driveway construction. The completed work has been discussed during a USACE pre-application meeting held 10/27/25.

Description of current activity site conditions

The project area consists of palustrine scrub-shrub wetlands along the margin of an unnamed lake. Photos of the existing wetland and fill activity completed prior to USACE authorization is attached. See USACE permit application drawings for a map of prior completed fill areas.

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

[wetlands at edge of fill looking south.jpg - 09/08/2026 01:48 PM](#)

[fill looking north.jpg - 09/08/2026 01:48 PM](#)

[fill looking east.jpg - 09/08/2026 01:48 PM](#)

Comment

NONE PROVIDED

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

No

Project Address

20083 Alsop Rd
Wasilla, AK 99623

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

Project Location

61.35754647098435,-149.95023241043089

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	Matanuska-Susitna Borough	Seward	26	15N	24W

Directions to Site

NONE PROVIDED

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	
Olivia	Ortiz	
Title		
NONE PROVIDED		
Organization Name		
USACE		
Phone Type	Number	Extension
Business	907-753-2586	
Email		
Olivia.K.Ortiz@usace.army.mil		

Dredge Material to be Discharged

Is dredging involved?
Yes

How many acres?
0.33

How much volume? (Cubic Yards)
4,000.00

Is the dredging considered a new project, or maintenance?
New Project

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](#)

Has a Tier analysis been conducted of the dredged prism?

No

Note, if marked NO; A Tier analysis may be required later upon review of the request.

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

Applicant's property, approximately 600 feet northeast of the proposed project area at 61.359194, -149.947750

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

Type	Cubic Yards
Gravel borrow	20,000

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

Surface Area	Units
0.71	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

Location Description

01

Placement of Dredged/Fill material discharge

Wetland

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

unnamed wetland

Discharge Location

61.35775732444445,-149.9504899024963

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

No data is available.

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

Stormwater BMPs such as straw wattles, silt fence, and/or silt curtain would be used to reduce the discharge of sediment laden stormwater into the adjacent wetlands and lake. Dredged material would be disposed of in an upland location at the applicant's property on the north side of Alsop Road or provided to neighboring property owners as landscaping soils.

Avoidance Measures

The applicant attempted to secure floatplane access via uplands on the neighboring property to the east. However, access was not granted by the property owner.

Minimization Measures

Minimization includes limiting the length and width of the proposed driveways to the minimum need to safely operate machinery and equipment to conduct initial and ongoing maintenance dredging of the channel.

Mitigation Measures

The application proposes to purchase credits from an approved wetland mitigation bank in the local service area to compensate for unavoidable permanent wetland loss to satisfy compensatory mitigation requirements of the Section 404 permit.

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
Access to a transportation network

Describe Social and/or Economic Importance of the project

The proposed project would develop a private floatplane facility serving aviation users in the southern portion of the Matanuska-Susitna Borough (MSB). According to the 2017 MSB Regional Aviation System Plan (RASP), there is currently an unmet demand for floatplane facilities in the southern portion of the MSB. The RASP identified several location of public-use facilities. The proposed project was not included in the list of potential public-use facilities, but would provide similar services to other existing private facilities such as Wolf Lake.

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	Standard/Individual Permit	POA-2025-00475	03/10/2026	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	
Olivia	Ortiz	
Title		
Regulatory Specialist		
Organization Name		
USACE		
Phone Type	Number	Extension
Business	907-753-2586	
Email		
Olivia.K.Ortiz@usace.army.mil		

Attachments

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

USACE App RRS Docs.pdf - 09/08/2026 01:48 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.

USACE Permit Drawings.pdf - 09/08/2026 01:48 PM

Comment

NONE PROVIDED

Document Attachments

NONE PROVIDED

Comment

NONE PROVIDED

Delegation of Authority for Submission of Application

delegation-of-authority-401-application-signed.pdf - 09/08/2026 01:48 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 JEFFREY DYSON on 09/24/2026 at 9:55 AM
3P4y0wUiDJpRkg7Dnn8/PXOGqh6x8KT/KwiPedxnfyr180aKq/5B8z0VYrQCFVhwaCL3heVn8f9Zc2rUrHqgSw==