

CWA 401 Water Quality Certification Request

version 2.15

(Submission #: HQD-XNPN-X2D74, version 1)

Digitally signed by:
dec.alaska.gov
Date: 2025.07.08 09:16:14 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: Mechanical Placer Mining Activities within the State of Alaska

Submission ID HQD-XNPN-X2D74

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

Billing Contact

Contact

Prefix

NONE PROVIDED

First Name Last Name

Tyler Marye

Title

Project Manager

Organization Name

USACE

Phone Type Number Extension

Business 907-753-5778

Email

tyler.j.marye@usace.army.mil

Mailing Address

P.O. Box 6898

JBER, Alaska 99506-0898

[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)

Applicant

Billing Contact

Contact

Prefix

NONE PROVIDED

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

Mailing Address

P.O. Box 6898

JBER, AK 99506-0898

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-2014-00055

Project Name or Title

Mechanical Placer Mining Activities within the State of Alaska

Primary Receiving Waterbody Name

NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
10/01/2025	10/31/2031

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
NONE PROVIDED	10/01/2025	10/31/2031

Project Description (Nature of Activity, include all features)

Mechanical Placer Mining Activities

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

Mechanical Placer Mining Activities

Is any portion of the work already complete?

No

Description of current activity site conditions

Placer mining currently takes place in a variety of locations throughout the State of Alaska. The reason for this prefilng meeting request is to obtain a water quality certification for the reissuance of USACE's regional general permit (RGP) 8 for Mechanical Placer Mining Activities within the State of Alaska.

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]

[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

65.56117151034795,-151.97215667294753

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	Fairbanks North Star Borough	Fairbanks	32	9N	21W

Directions to Site

NONE PROVIDED

Federal Agency Contact (1 of 2)

Have you been working with anyone in the Federal Agency?

Yes

Federal Contact Role

USACE

Federal Agency Contact

First Name	Last Name	
Tyler	Marye	
Title		
Project Manager		
Organization Name		
USACE		
Phone Type	Number	Extension
Business	907-753-5778	
Email		
tyler.j.marye@usace.army.mil		

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	
Olivia	Ortiz	
Title		
Regulatory Specialist		
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?

660,000.0

How much volume? (Cubic Yards)

1,000,000.00

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
Mine tailings

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

Type	Cubic Yards
Mine tailings	1,000,000.0

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

Surface Area	Units
660000	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
Wetlands, other waters of the U.S., uplands, etc.

Placement of Dredged/Fill material discharge
Other: Wetlands, other waters of the U.S., uplands, etc.

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
All non-navigable waters of the State of Alaska

Discharge Location
64.85650677644941,-152.03000506395423

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
Petroleum Hydrocarbons
Sediment
Metals
Other: Anything associated with mining operations

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

N/A

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 Permittee is responsible to provide mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States from activities involving discharges of dredged or fill material. Mitigation requirements will be decided on a case-by-case basis.

Avoidance Measures

The Permittee is responsible to provide mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States from activities involving discharges of dredged or fill material. Mitigation requirements will be decided on a case-by-case basis.

Minimization Measures

The Permittee is responsible to provide mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States from activities involving discharges of dredged or fill material. Mitigation requirements will be decided on a case-by-case basis.

Mitigation Measures

The Permittee is responsible to provide mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States from activities involving discharges of dredged or fill material. Mitigation requirements will be decided on a case-by-case basis.

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

NONE PROVIDED

Describe Social and/or Economic Importance of the project

Placer mining provides jobs and can boost the local economy.

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	Permit	POA-2014-00055	NONE PROVIDED	10/30/2020	NONE PROVIDED

Other Agency or Local Contacts (1 of 2)

Contact Role

OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name

Tyler

Last Name

Marye

Title

Project Manager

Organization Name

USACE

Phone Type

Business

Number

907-753-5778

Extension

Email

tyler.j.marye@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	
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.)**[RGP 08 - Mechanical Placer Mining Activities.pdf - 07/07/2025 03:32 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.[RGP 08 - Mechanical Placer Mining Activities.pdf - 07/07/2025 03:33 PM](#)**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 tyler.j.marye@usace.army.mil tyler.j.marye@usace.army.mil on 07/07/2025 at 3:34 PM