

CWA 401 Water Quality Certification Request

version 2.15

(Submission #: HQA-9ZCT-YXXSM, version 1)

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Date: 2025.04.18 13:16:14 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: POA-2020-00112

Submission ID HQA-9ZCT-YXXSM

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

Billing Contact

Contact

Prefix

NONE PROVIDED

First Name Last Name

Chris Piburn

Title

Principal Surveyor

Organization Name

RM Ketchikan

Phone Type Number Extension

Business 9074010155

Email

chrispiburn@rmketchikan.com

Mailing Address

7180 Revilla Rd, Suite 300

Ketchikan, AK 99901

[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)

Application Preparer

Agent

Contact

Prefix

NONE PROVIDED

First Name Last Name

Elijah Owens

Title

Engineering Tech

Organization Name

R&M Engineering Ketchikan

Phone Type Number Extension

Business 9074011495

Email

ian@rmketchikan.com

Mailing Address

7180 Revilla Road, Suite 300

Ketchikan, AK 99901

[NO COUNTRY SPECIFIED]

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-2020-00112

Project Name or Title

POA-2020-00112

Primary Receiving Waterbody Name

NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
06/02/2025	07/03/2026

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
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Project Description (Nature of Activity, include all features)

Purchased tidelands filled to allow Marine industrial type structure to be built to support the growing mariculture activity in the area. Additional housing will also be constructed on second floor of proposed structure. Under the previous corps permit I have installed a pier, ramp, and floating dock. In this proposed project I will fill the tidelands and dredge material will allow me better access to the dock and use of the land for its intended purpose.

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

In order to realize the full potential of this property and for me to do the best job in making this world a better place. I need to fill these lands to allow me to build the infrastructure needed to support the growing mariculture activity in the area.

Is any portion of the work already complete?

No

Description of current activity site conditions

My original Corps permit was for a pile supported structure to maintain the natural beach. After installing the piling to secure the dock as part of that project it was discovered that the layer of what appeared to be beach rocks was in fact just an erosion control measure employed during the original construction of the harbor. I believe the material underneath to be old dredge material, deposited during its construction. With this discovery a redesign of the foundation was discussed with my engineer and it was determined that the best course of action would be to fill instead of attempting to add the additional large quantity of piling that would be necessary to support my project. So here I am.

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

521 W Hamilton Dr

CRAIG, AK 99921

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

[DSM - Lat/Long converter](#)

Project Location

55.474678020941575,-133.14195487741392

Visit the following link if you need to convert the lat/long to get the **PLSS information**

PLSS Location (Public Land Survey System)

State Tax Parcel ID	Borough/Municipality	Meridian	Section	Township	Range
NONE PROVIDED	Prince of Wales-Hyder Census Area	Copper River	8	74s	81e

Directions to Site

From the city owned and sea float plane dock head south on 8th street until you reach Water St. (aka. Craig-Klawock Hwy), then travel east one block and take a left on West Hamilton drive. Travel south on Hamilton drive for .25 miles, just past the coat guard channel marker, and the project will be on your right.

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 Leah
Last Name Barret

Title
Regulatory Specialist

Organization Name
South Section

Phone Type Business
Number 907-753-2760
Extension

Email
Leah.Barrett@usace.army.mil

Dredge Material to be Discharged

Is dredging involved?

Yes

How many acres?

0.0140977443609023

How much volume? (Cubic Yards)

500.00

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

Local hard rock quarry, located at 4.5 Mile Port St. Nicholas Rd. Material is screen through a trammel screen to remove all fines below 2"

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

Type	Cubic Yards
Clean screened quarry rock	4,500

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

Surface Area	Units
0.0939849624060150	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

South Cover harbor

Placement of Dredged/Fill material discharge

In Water

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

Bucareli Bay

Discharge Location

55.47490081171088,-133.14239113290193

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
2719	Craig Ranger District Heating Tank	DRO and GRO	55.4752	-133.1444	Unknown	No Longer Assigned

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

DRO and GRO contamination at the Craig Ranger District Office. Site closure approved on 12//29/1998.

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

Short term impact includes possible situation and increased turbidity during construction that will be controlled by implementing a storm water prevention plan (as required).

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

We will deploy a silt boom to contain turbidity near shore during all filling and dredging activities. All activity will happen during the lowest tidal series in the months of July and August. By using screened clean shot rock we will remove the largest source of contaminants that this project should experience.

Avoidance Measures

We will deploy a silt boom to contain turbidity near shore during all filling and dredging activities. All activity will happen during the lowest tidal series in the months of July and August. By using screened clean shot rock we will remove the largest source of contaminants that this project should experience.

Minimization Measures

We will deploy a silt boom to contain turbidity near shore during all filling and dredging activities. All activity will happen during the lowest tidal series in the months of July and August. By using screened clean shot rock we will remove the largest source of contaminants that this project should experience.

Mitigation Measures

We will deploy a silt boom to contain turbidity near shore during all filling and dredging activities. All activity will happen during the lowest tidal series in the months of July and August. By using screened clean shot rock we will remove the largest source of contaminants that this project should experience.

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

Recreational opportunities
Infrastructure improvements

Economic Importance Analysis

Employment, job availability, and salary impacts
Tax base impacts
Expanded leases and royalties
Commercial activities
Access to a transportation network

Describe Social and/or Economic Importance of the project

This project will add much needed enhancement to the current water based industries in the waters around Craig Alaska. At the start of this project I traded uplands to the city of craig to widen their existing road to allow for the installation of a sidewalk. In exchange i did receive the opportunity to purchase tidelands from the city for this current project. This property as most others in the last few years has ridden the housing inflation bubble and I certainly am paying more in taxes, this project will only increase my contribution to the community. I currently run an engineering company from the uplands portion of the property and a portion of the lot will still be dedicated to that activity. As mentioned before I have previously installed a dock that allows easy access to the water and provides transportation for mostly my workers to remote property locations to complete field land surveys.

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
NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	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**
Brian Templin

Title
City Administrator

Organization Name
Municipality

Phone Type **Number** **Extension**
Business 907-826-3275

Email
administrator@craigak.com

Attachments

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

- [PIBURN Dock Design revised with fill-4.pdf - 02/10/2025 08:49 AM](#)
- [PIBURN Dock Design revised with fill-2.pdf - 02/10/2025 08:49 AM](#)
- [PIBURN Dock Design revised with fill-3 revised 03-05-2024.pdf - 02/10/2025 08:49 AM](#)
- [PIBURN Dock Design revised with fill-3.pdf - 02/10/2025 08:49 AM](#)
- [Eng_Form_4345 Signed.pdf - 02/10/2025 08:49 AM](#)
- [PIBURN Dock Design revised with fill-1.pdf - 02/10/2025 08:49 AM](#)
- [Piburn Proposed Mitigation Statements REv1.pdf - 04/18/2025 01:11 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.

- [Piburn Project Location.pdf - 02/10/2025 08:49 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 CHRIS PIBURN on 04/18/2025 at 1:12 PM
By