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Location: State of Alaska

# CWA 401 Water Quality Certification Request

version 2.13

**(Submission #: HQ7-N9TD-SYSEN, version 1)**

## Details

**Site:** False Island South Access and Development

**Submission ID** HQ7-N9TD-SYSEN

## 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)**
Applicant
Billing Contact

**Contact**

**Prefix**
*NONE PROVIDED*

| First Name | Last Name |
|---|---|
| Edward | Douville |

**Title**
General Manager

**Organization Name**
Shaan-Seet Inc

| Phone Type | Number | Extension |
|---|---|---|
| Business | 907-826-3251 | |

**Email**
eddouville@shaanseet.com

**Mailing Address**

501 Main Street

Craig, AK 99921

## 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)**
Agent
Application Preparer

**Contact**

**Prefix**
*NONE PROVIDED*

| First Name | Last Name |
|---|---|
| Trevor | Sande |

**Title**
Principal Engineer

**Organization Name**
R&M Engineering-Ketchikan, Inc

| Phone Type | Number | Extension |
|---|---|---|
| Business | 907 225-7917 | |

**Email**
trevorsande@rmketchikan.com

**Mailing Address**

7180 Revilla Road, Suite 300

Ketchikan, AK 99901

## 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)**
Application Preparer

**Contact**

**Prefix**
*NONE PROVIDED*

| First Name | Last Name |
|---|---|
| Elijah | Owens |

**Title**
Engineering Technician

**Organization Name**
R&M Engineering Ketchikan

| Phone Type | Number | Extension |
|---|---|---|
| Mobile | 9074011495 | |

**Email**
ian@rmketchikan.com

**Mailing Address**

7180 Revilla Road, Suite 300

Ketchikan, AK 99901

## 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-2024-00576

**Project Name or Title**
False Island South Access and Development

**Primary Receiving Waterbody Name**
Crab Bay

**Estimated Project Dates (+/- 30 days)**

| Project Estimated Start Date | Project Estimated End/Completion Date |
|---|---|
| 11/04/2024 | 11/28/2025 |

**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 consists of constructing 186 lineal feet of 24' wide gravel roadway, a 20' x 80' steel bridge supported with concrete abutments on each and and two (2) 16" diameter piling at mid-span. The concrete also consists of placing shot rock fill between the mean high water line and the high tide line in wetlands to develop and multi-use mariculture and marine related service sector industrial park. A 430 lineal foot stacked rock wall will be constructed on the west side of the island to retain the fill and provide erosion protection. Total project consists of 4.9 acres of filled area with 3.86 acres located in wetlands that are primarily inter tidal.

The project also includes construction of a pile supported concrete dock measuring 80' x 100' with a 20'x270' concrete pier, a 6'x70' gangway and a 25'x120' wood mooring float. The dock and pier will be supported with 64 total - 12" diameter steel piling. The float will be anchored with seven 12" diameter steel piling.

**Project Purpose (Describe the reason(s) for discharge)**
The purpose of this project is develop a seafood based industrial park adjacent to the existing Silver Bay Seafoods plan where some services can be shared between tenants and there is access to City of Craig utilities and access to deep water for mooring and loading/unloading of vessels. Access to the park is currently limited through the Silver Bay plant property so a new access road is required. A bridge is proposed to lessen the total footprint of wetlands filled and also provide continuous flow of water between the islands

**Is any portion of the work already complete?**
No

**Description of current activity site conditions**
Site is undeveloped and wooded with alder and small spruce trees.

**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**
186

**Project Address**
*[NO STREET ADDRESS SPECIFIED]*
Craig, AK 99921

Visit the link below to help with conversion between DMS and Latitude/Longitude
DSM - Lat/Long converter

**Project Location**
55.4872875920708,-133.14096773358676

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* | Prince of Wales-Hyder Census Area | Copper River | S5 | 74S | R81E |

**Directions to Site**
From Klawock Airport
Head northeast toward State Hwy 929, 0.6 mi, Turn right onto State Hwy 929, 2.1 mi
Turn right onto State Hwy 924/Klawock Hollis Hwy, Continue to follow Klawock Hollis Hwy into Craig. Turn onto JT Brown Street.

## 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 |
|---|---|
| Hayley | Farrer |

**Title**
*NONE PROVIDED*

**Organization Name**
U.S. Army Corps of Engineers Regulatory Division

| Phone Type | Number | Extension |
|---|---|---|
| Other | 907 753-2778 | |

**Email**
Hayley.M.Farrer@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 accepte 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**
Locally Sourced

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

| Type | Cubic Yards |
|---|---|
| Shot rock | 40,800 |

| Type | Cubic Yards |
|---|---|
| Rip-rap | 1,159 |
| D-1 surfacing | 3,100 |

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

| Surface Area | Units |
|---|---|
| 3.386 | 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**
Klawock Inlet

**Discharge Location**
55.48682290228035,-133.13984736126008

## 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 contamianted site data, impaired waters or other relevant water quality data, or other parameters of concern identified during the application process.

**Parameter(s)**
Turbidity

**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 removal of dredged material may cause increases in turbidity but because the site does not contain any significant runon water containment should be straight forward. The location of any potential turbidity discharge would be Klawock Inlet.

**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**
The impacts of potential runoff will be mitigated by construction best management practices developed from an engineered prepared erosion and sediment control plan and implemented by the general contractor chosen for the work. The management will include straw waddles, silt fencing, rocks check dams and any other stabilization needed to contain sediment from leaving the project site.

**Avoidance Measures**
This is a water dependent project for a marine facility, so avoidance is not practical.

**Minimization Measures**
A minimum amount of fill will be used to limit the impact of construction on affected waters.

**Mitigation Measures**
N/A

## 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**

Employment, job availability, and salary impacts
Access to recourses
Commercial activities

**Describe Social and/or Economic Importance of the project**

The purpose of this project is to develop a seafood based industrial park adjacent to the existing Silver Bay Seafoods plan where some services can be shared between tenants and there is access to City of Craig utilities and access to deep water for mooring and loading/unloading of vessels.

**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** Oliver **Last Name** Lewis

**Title**

Public Works Director

**Organization Name**

City of Craig

| Phone Type | Number | Extension |
|---|---|---|
| Business | 907-826-3405 | |

**Email**

publicworks@craigak.com

## Attachments

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

False Island South Access ACOE Permit signed.pdf - 10/25/2024 04:39 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.**

FALSE ISLAND SOUTH ACCESS CORP PERMIT DRAWINGS.pdf - 10/25/2024 04:39 PM

**Comment**

*NONE PROVIDED*

**Document Attachments**

Alternatives Analysis for False Island South Access and Development rev1.pdf - 10/25/2024 04:42 PM

**Comment**

*NONE PROVIDED*

**Delegation of Authority for Submission of Application**

Signed 401 Deligation of Auth.pdf - 10/25/2024 04:41 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.