

CWA 401 Water Quality Certification Request

version 2.15

(Submission #: HQF-6HYR-0Q7CS, version 1)

Digitally signed by:
dec.alaska.gov
Date: 2025.08.28 18:20:13 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: OLI002 - Oliktok Road Repair

Submission ID HQF-6HYR-0Q7CS

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

Contact

Prefix

NONE PROVIDED

First Name Last Name
Michaela McGee

Title

Senior Scientist

Organization Name

3-Tier Alaska

Phone Type Number Extension
Business 907-455-7225

Email

mmcgee@3tieralaska.com

Mailing Address

326 Driveway Street
Fairbanks, AK 99701
United States

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
Jones Tanner

Title

Lt Colonel

Organization Name

Pacific Air Forces Regional Support Center PRSC

Phone Type Number Extension
Business 907-552-5517

Email

PRSC.PACAF.Permits@us.af.mil

Mailing Address

10471 20th Street Suite 302
JBER, AK 99506
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-2025-00116

Project Name or Title
OLI002 - Oliktok Road Repair

Primary Receiving Waterbody Name
Simpson Lagoon

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
10/01/2025	04/06/2028

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Native Soil/Gravel	NONE PROVIDED	NONE PROVIDED

Project Description (Nature of Activity, include all features)
The PRSC proposed to implement the following actions at the Oliktok LRRS, Ak (1) construct approximately one mile-long road from an inland portion of the existing road system to the Oliktok LRRS, providing year-round, impeded access to the facility; (2) installation of an overhead power line parallel to and east of the proposed new road.

Project Purpose (Describe the reason(s) for discharge)
The purpose of placing approximately 57,483 cubic yards of fill into wetlands (as portrayed by National Wetland Inventory) is for the construction of a new road and powerline to the Oliktok LRRS. The amount of fill is needed in order to drive different vehicle types to and from the installation. Driving over wetlands in summer is not possible due to the soggy, muddy substrates that are not capable of sustaining heavy weights of trucks, construction equipment and other vehicles that need to access the site to perform activities in support of peacetime air surveillance missions. See attached map and drawings for further depiction of the proposed project and intersection with NWI mapped wetlands.

Is any portion of the work already complete?
No

Description of current activity site conditions
No current activity at the site. Mobilization is scheduled to start soon.

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
5,280.0

Project Address
[NO STREET ADDRESS SPECIFIED]
Oliktok, AK 99510

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

Project Location
70.481302,-149.866109

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	North Slope Borough	Umiat	17 & 8	13	9E

Directions to Site

Access to the site is via air travel to Deadhorse Airport. Note that travel requires traversing along restricted access roads. From Deadhorse Airport travel north on Airport Way along the west side of Lake Colleen to Spine Road, continue 25 miles and onto Kuparuk Road (or Oliktok Road) for another 13 miles until reaching the ENI Petroleum Nikaitchuq Operations Center. Turn left (DS-3Q Access Road) and the beginning of project is located 1/2 mile down the road on the north side and extends to the north to Oliktok LRRS.

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	
Drake	Kuebler	
Title		
Program Manager		
Organization Name		
Missile Defense Section USACE Alaska District		
Phone Type	Number	Extension
Mobile	910-583-5333	
Email		
drake.m.kuebler@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

North Slope Gravel Pit

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

Type	Cubic Yards
Native Soil/Gravel	57,483.0

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

Surface Area	Units
7	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

Unnamed Wetlands

Discharge Location

70.481302,-149.866109

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

Unknown

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 road will be installed primarily during frozen conditions using bulldozers, graders, loaders, rollers, and 30 ton haul trucks as well as other necessary support equipment. Hauling of material to the site will be done using existing roads, the road as established, and ice roads. Construction of the powerline will involve the installation of power poles during frozen conditions using skid steer, loaders, tracked drill rig, trencher, boom truck, 30 ton haul truck, and other necessary support equipment. Each pole will be drilled from atop of ice road access along the alignment of the overhead power. Disturbance to wetlands will include the drilled shaft, the backfilled crown of the power pole at grade, and the installation of guy wires and grounding wire.

Avoidance Measures

Impacts to wetlands for the construction of the project are unavoidable as the project is located within an extensive wetland area with no uplands within the vicinity. Impacts to wetlands have been minimized during the design process by avoiding open water (PUBH) wetlands.

Minimization Measures

Impacts to wetlands will be minimized through the following methods:

- ❖ Fills in wetlands will be placed during frozen conditions, ice roads will be utilized to prevent disturbance to wetlands. Construction will begin in January 2026.
- ❖ The road will be constructed on the undisturbed tundra. Snow and ice greater than 4 inches thick will be removed prior to placing fill for the road.
- ❖ Re-working of roadway fills in summer will be done from the established roadway fill footprint only and will not further disturb wetlands.

Mitigation Measures

The USACE has decided to purchase North Slope Wetland Mitigation Credits to off-set 7 acres of wetland impacts.

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

Access to a transportation network

Describe Social and/or Economic Importance of the project

The existing access road and underground utilities to the Oliktok LRRS follows the coast from Oliktok Point to the LARRS facility and is subject to seasonal damage from storm and wave action from the Beufort Sea. Extensive reconstruction efforts have been made annually to repair both the road and the underground lines to maintain consistent access and power to the LRRS. This project would elevate this and allow for access and power consistently.

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
AK SHPO	Sect 106	2024-01013	10/03/2024	11/22/2024	NONE PROVIDED
AK DNR	Land Use Permit	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED

Agency	Type of Approval*	Identification Number	Date Applied	Date Approved	Date Denied
USFWS	Letter of Authorization	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
USACE	404 Permitting	POA-2025-00116	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED

Other Agency or Local Contacts (1 of 4)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name

Josh

Last Name

Hunsaker

Title

Programmer

Organization Name

611 CES/CENPD

Phone Type

Business

Number

907-552-1580

Extension

Email

joshua.hunsaker.1@us.af.mil

Other Agency or Local Contacts (2 of 4)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name

Josh

Last Name

Hunsaker

Title

Programmer

Organization Name

611 CES/CENPD

Phone Type

Business

Number

907-552-1580

Extension

Email

joshua.hunsaker.1@us.af.mil

Other Agency or Local Contacts (3 of 4)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name

Jacob

Last Name

Craig

Title

Project Manager

Organization Name

ASRC Earthworks

Phone Type

Business

Number

907-310-2909

Extension

Email

jcraig@asrcconstruction.com

Other Agency or Local Contacts (4 of 4)

Contact Role

OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name	Last Name		
Russell	Butler		
Title			
Project Manager			
Organization Name			
ASRC Earthworks			
Phone Type	Number	Extension	
Business	907-310-2909		
Email			
rubutler@asrcconstruction.com			

Attachments

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

Tab 1 401 Prefiling Meeting Request-Oliktok Road.pdf - 08/28/2025 04:04 PM
Tab 1 Cover Letter.pdf - 08/28/2025 04:04 PM
Tab 2 - 404 Wetland Application with USACE.pdf - 08/28/2025 04:04 PM
Tab 3 Application Attachment.pdf - 08/28/2025 04:04 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.

Tab 4 OLI002_AWARD Drawings - Copy.pdf - 08/28/2025 04:04 PM
Comment
NONE PROVIDED

Document Attachments

NONE PROVIDED
Comment
NONE PROVIDED

Delegation of Authority for Submission of Application

Tab 2 Delegation of Auth 401 App - Oliktok.pdf - 08/28/2025 04:04 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)

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Signed
By mmcgee@3tieralaska.com mmcgee@3tieralaska.com on 08/28/2025 at 4:27 PM