

CWA 401 Water Quality Certification Request

version 2.16

(Submission #: HQK-9MM8-NXHVZ, version 1)

Digitally signed by:
dec.alaska.gov
Date: 2026.02.23 16:10:14 -09:00
Reason: Submission Data
Location: State of Alaska

Details

Site: Doyon Oil Field Services Tract 8 Gravel Pad

Submission ID HQK-9MM8-NXHVZ

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)

Agent

Contact

Prefix

NONE PROVIDED

First Name Last Name

Erica Betts

Title

Senior Environmental Specialist

Organization Name

R&M Consultants, Inc

Phone Type Number Extension

Business 907-458-4303

Email

ebetts@rmconsult.com

Mailing Address

212 Front Street, #150

Fairbanks, AK 99701

[NO COUNTRY SPECIFIED]

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)

Applicant

Contact

Prefix

NONE PROVIDED

First Name Last Name

Tanya Kaquatosh

Title

Senior Vice President

Organization Name

Doyon Oil Field Services

Phone Type Number Extension

Business 907-459-2004

Email

kaquatosht@doyon.com

Mailing Address

1 Doyon Place

Fairbanks, AK 99701

United States

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)

Billing Contact

Contact

Prefix

NONE PROVIDED

First Name Last Name

Levi Frampton

Title

President

Organization Name

Doyon Energy Services

Phone Type Number Extension

Business 907-374-9130

Email

framptonl@doyon.com

Mailing Address

615 Bidwell Avenue, Suite 100

FAIRBANKS, AK 99701

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#####)

pending

Project Name or Title

Doyon Oil Field Services Tract 8 Gravel Pad

Primary Receiving Waterbody Name

Saganavirtok River

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
03/01/2026	05/31/2027

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Gravel Fill	03/01/2026	04/30/2026

Project Description (Nature of Activity, include all features)

The proposed project includes installation of a typical North Slope gravel pad on tundra, comprising approximately 6.9 acres of Alaska State Land Survey (ASLS) 76-227 Plat 77-3 Tract 8. This parcel is an undeveloped portion of an existing lease which would allow space for additional support operations for Doyon on their North Slope leases. Approximately 77,900 cubic yards of gravel is required to build a typical five to seven foot deep pad. Two access lanes from the Spine Road would be constructed. These access lanes would be constructed to a minimum depth of five feet with dimensions of 36 feet by approximately 60 feet each and would include culverts to maintain existing drainage. Each lane would require approximately 575 cy of gravel fill for a total of 1,150 cy. The project location is a high traffic area with developed pads on both sides.

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

Installation of a gravel pad on an undeveloped portion of an existing lease which would allow space for additional support operations for Doyon on their North Slope leases.

Is any portion of the work already complete?

No

Description of current activity site conditions

Site is a 6.9 acre parcel comprised of wetlands. Site is situated between two gravel pads located along the Spine Road in Deadhorse.

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

Tract 8
 Spine Road
 Deadhorse, AK 99734

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

[DSM - Lat/Long converter](#)

Project Location

70.226944,-148.407222

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
76-227 Plat 77-3 Tract 8	North Slope Borough	Umiat	8, 17	10N	15E

Directions to Site

Heading north on the Dalton Highway towards Deadhorse, turn right onto East Lake Colleen Drive. Then take second right onto Spine Road. Tract 8 is on the left approximately one mile past the turn.

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**
Andrew Kastning

Title
NONE PROVIDED

Organization Name
USACE

Phone Type **Number** **Extension**
Business 907-753-2554

Email
Andrew.C.Kastning@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
Oxbow Gravel Pit

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

Type	Cubic Yards
gravel	79.050

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

Surface Area	Units
6.9	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

Wetlands

Discharge Location

70.226944,-148.407222

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
27879	Crowley Tract 27	petroleum hydrocarbons	70.225800	-148.404200	Soil	Laura Jacobs
2959	M-I Drilling Fluids Inc	petroleum hydrocarbons	70.228333	-148.392222	Soil	Gaige Robinson

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

During an inspection in 2017, a sheen was identified along the western edge of the Crowley Tract 27 gravel pad. Site characterization work in August 2018 delineated an area of petroleum hydrocarbon impacted gravel pad soil that is the likely cause of sheening found in the surface water at the western edge of the pad. Additional removal work activities were conducted between September 27 and October 7, 2019, and consisted of three components: sampling of gravel pad overburden material that was stockpiled in the fall of 2018, additional delineation of unexcavated areas of the pad by field screening and laboratory analysis of soil samples collected from test pits, and the removal of gravel pad overburden based on test pit field screening results in preparation for winter removal and disposal of contaminated subsurface gravel pad and sub-pad native soil. Additional cleanup through the Method One cleanup standards has been requested. The M-I Drilling Fluids site is Cleanup Complete - Institutional Controls.

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

The project will discharge approximately 79,650 cy of gravel which could result in turbidity and sediment concerns to receiving waters.

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 footprint of the pad is limited by gravel pads on two adjacent sides (east and west) and the Spine Road to the south. Best management practices will be utilized to prevent sediment transport beyond project limits. Construction will likely occur during the winter when the ground is frozen which further reduces the potential for sediment transport provided that sediment control BMPs are utilized.

Avoidance Measures

The footprint of the pad is limited by gravel pads on two adjacent sides (east and west) and the Spine Road to the south.

Minimization Measures

Best management practices will be utilized to prevent sediment transport beyond project limits.

Mitigation Measures

Construction will likely occur during the winter when the ground is frozen which further reduces the potential for sediment transport provided that sediment control BMPs are utilized.

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

Describe Social and/or Economic Importance of the project

The project will allow Doyon to expand North Slope commercial activities by providing space for additional support operations.

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
North Slope Borough	Land Use Permit	NSB-26-104	09/26/2025	11/12/2025	NONE PROVIDED
North Slope Borough	Form 500 TLUI Clearance	NONE PROVIDED	09/26/2025	NONE PROVIDED	NONE PROVIDED
USACE	Section 404 Individual Permit	NONE PROVIDED	02/09/2026	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	
Tommy	Nageak	
Title	Cultural Resource Specialist	
Organization Name	North Slope Borough	
Phone Type	Number	Extension
Business	907-852-0320	
Email	tommy.nageak@north-slope.org	

Attachments

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

[IP_Application_Doyon_Tract_8_signed.pdf - 02/11/2026 10:38 AM](#)
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.

[Figure 3. Pad and Road Diagram Typical_updated.pdf - 02/11/2026 10:38 AM](#)
[Figure 1 Location Vicinity Map.pdf - 02/11/2026 10:38 AM](#)
[Figure 2 Site map updated.pdf - 02/11/2026 10:38 AM](#)
Comment
 NONE PROVIDED

Document Attachments

NONE PROVIDED
Comment
 NONE PROVIDED

Delegation of Authority for Submission of Application

[Summary.pdf - 02/11/2026 10:38 AM](#)
[delegation-of-authority-401-application.pdf - 02/11/2026 10:38 AM](#)
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;*
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**Signed
By**

ebetts@rmconsult.com ebetts@rmconsult.com on 02/11/2026 at 10:41 AM