

# CWA 401 Water Quality Certification Request

version 2.17

(Submission #: HQP-728D-TGQH8, version 1)

Digitally signed by:  
dec.alaska.gov  
Date: 2026.06.10 12:58:13 -08:00  
Reason: Submission Data  
Location: State of Alaska

## Details

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**Site:** Sagavanirktok River TAPS Material Site

**Submission ID** HQP-728D-TGQH8

## Form Input

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### Form Instructions

#### Form Instructions

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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

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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

Wesley              Willson

### Title

Pipeline Director

### Organization Name

Alyeska Pipeline Service Company

### Phone Type      Number              Extension

Business              9074504112

### Email

wes.willson@alyeska-pipeline.com

### Mailing Address

615 Bidwill Avenue

Fairbanks, AK 99701-7574

[NO COUNTRY SPECIFIED]

## Contact Information (2 of 3)

### Required Contacts

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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

Owner

Onsite Contact

Operator

Application Preparer

## Contact

### Prefix

NONE PROVIDED

### First Name Last Name

Marc Johnson

### Title

Water Quality Subject Matter Expert

### Organization Name

Alyeska Pipeline Service Company

### Phone Type Number Extension

Business 9077878806

### Email

marc.johnson@alyeska-pipeline.com

### Mailing Address

PO Box 196660

3700 Centerpoint Drive

Anchorage, AK 99519

United States

## Contact Information (3 of 3)

### Required Contacts

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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)

Onsite Contact

Application Preparer

Billing Contact

Operator

Owner

**Contact**

**Prefix**

NONE PROVIDED

**First Name      Last Name**

Shaylyn              Storms

**Title**

Environmental Analyst

**Organization Name**

Alyeska Pipeline Service Company

**Phone Type      Number              Extension**

Business              9077878568

**Email**

ShaylynYosty.Storms@alyeska-pipeline.com

**Mailing Address**

PO Box 196660  
3700 Centerpoint Drive  
Anchorage, AK 99519  
United States

**Project / Facility Site Info**

**Identify the applicable federal license or permit**

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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-2020-00293

**Project Name or Title**

Sagavanirktok River TAPS Material Site

**Primary Receiving Waterbody Name**

NONE PROVIDED

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

Project Estimated Start Date	Project Estimated End/Completion Date
08/01/2026	12/31/2026

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Runoff into river	08/01/2026	12/31/2026

**Project Description (Nature of Activity, include all features)**

Alyeska proposes selective aggregate mining on a gravel bar at a location on the active floodplain approximately three miles south of the Franklin Bluffs Pad at Dalton Highway Milepost (DHMP) 377, OMS 130-3.

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

Gravel stockpiles mined from this site in the fall of 2021 and 2022 have been depleted. The gravel was used for local routine maintenance and repair of damaged flood control structures including the 2025 breakup flood. The availability of a gravel stockpile in the area makes it possible to rapidly mitigate flood damaged structures and conduct routine maintenance of the ROW workpad on a timely basis during the short summer construction season.

**Is any portion of the work already complete?**

No

**Description of current activity site conditions**

See two attached documents:

1. Trans Alaska Pipeline System Gravel Mining in Active Floodplain, Sagavanirktok River, Permit Narrative, Alyeska Pipeline Service Company
2. Mining and Reclamation Plan, Operations Material Site 130-3, Alyeska Pipeline Service Company

**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**

Dalton Highway Milepost 374

Deadhorse, AK 99734

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

[DSM - Lat/Long converter](#)

**Project Location**

69.675,-148.649

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	Umia	22	4N	14E

**Directions to Site**

Access is at DHMP 374. Drive to the site from Alyeska access road 130-APL/AMS-5.

**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**

Tyler              Marye

**Title**

Project Manager

**Organization Name**

U.S. Army Corps of Engineers

**Phone Type**    **Number**            **Extension**

Business        9077535778

**Email**

Tyler.J.Marye@usace.army.mil

**Dredge Material to be Discharged**

**Is dredging involved?**

Yes

**How many acres?**

129

**How much volume? (Cubic Yards)**

150,000.00

**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?**

Yes

**Attach tier analysis and sample results**

[2020 - GL 45180 - TAPS MP 42 Sag R 401 cert application.pdf - 06/10/2026 09:02 AM](#)

**Comment**

This is the original application in 2020 to do the initial mining of the gravel bar located at PLMP 42.

## Fill Material to be Discharged

**Will Fill Material be Discharged?**

No

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

Surface Area	Units
0	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**

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**Discharge Location ID (001, 002, 003, - increment by one)**

001

**Location Description**

Sagavanirktok River

**Placement of Dredged/Fill material discharge**

Other: on the dry gravel bar

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**

Sagavanirktok River

**Discharge Location**

69.675,-148.649

**Other Pollutant Sources**

**Contaminated Site Information**

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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**

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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

Sediment is expected to remain on the dry gravel bar. Therefore, Alyeska anticipates minimal impacts to the receiving water.

## 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

See Avoidance Measures.

### Avoidance Measures

Alyeska plans to use a number of BMPs to protect water quality in the Sagavanirktok River as described below.

#### BMP ♦ SUSTAINABLE QUANTITY OF GRAVEL MINED

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will mine volumes of depositional gravel that can be recharged by the Sagavanirktok River within 2 to 4 years. See the references in the documents for Sagavanirktok River recharge rates (Toniolo et al, 2019).

#### BMP ♦ MINING ONLY DURING LOW WATER LEVELS IN THE SAGAVANIRK TOK RIVER

As described in the attached Permit Narrative, Alyeska plans to mine only during low water conditions using an excavator and bulldozer to excavate/scrape the top of the gravel bars above the water line. Mining will not be conducted in any flowing water. If water levels rise in the Sagavanirktok River Alyeska will cease mining and remove equipment from the site.

#### BMP ♦ LIMITED ACCESS TO THE GRAVEL BAR

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will route the temporary gravel (or snow) ramp to avoid any small isolated waters or very minor river braids. Gravel ramps will be installed if needed for equipment access from the end of existing access roads and then removed after mining is completed.

#### BMP ◆ MINING LESS THAN +/- 3 FEET BELOW SURFACE

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will only excavate above the elevation of the active water in the Sagavanirktok (water table), to an approximate depth of 3 feet. It is anticipated that most mining operations will be 1 foot to 3 feet below surface level. Material will be removed in shallow, smooth, even lifts.

#### BMP ◆ 50 FOOT SETBACK FROM THE RIVER BANK

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will not mine any closer than 50 feet from the existing bank of the Sagavanirktok River.

#### BMP ◆ 30 FOOT SETBACK FROM THE ACTIVE WATER LEVEL OF THE SAGAVANIRKTOK RIVER

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will not perform any mining activities closer than 30 feet from the active water level of the Sagavanirktok River.

#### BMP ◆ ISOLATION BERM

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will construct a 3-foot-high gravel isolation berm.

#### BMP ◆ RESTRICT HEAVY EQUIPMENT USE TO UNVEGETATED GRAVEL BAR

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will drive and operate bulldozers, excavators and other heavy equipment only on unvegetated gravel bars.

#### BMP ◆ REMOVAL OF ISOLATION BERM AND RE-GRADING AFTER MINING

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will grade the site level, contour the site to minimize water ponding, and slope it towards the downstream end at the end of the mining season.

#### BMP ◆ MINIMAL STOCKPILES

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will remove the gravel and take it off site instead of stockpiling. All temporary stockpiles will be removed less than 5 days after completion of active mining operations.

#### BMP ◆ NO PUMPING WATER FROM SITE

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will not need to do any dewatering since the gravel will be mined above the level of the water table. Any water (such as precipitation) will rapidly percolate into the permeable sandy gravel river bar material.

#### BMP ◆ SEDIMENTATION CONTROL MEASURES

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will install specific BMPs (as dictated by site conditions) to minimize sediment from leaving the site including silt fences and wattles.

#### BMP ◆ WATER DIVERSION

As described in both the attached Permit Narrative and the attached Operations Material Site OMS 130-3 Mining and Reclamation Plan, Alyeska will install specific BMPs (as dictated by site conditions) to route water around the site such as temporary culverts and low water crossings.

#### **Minimization Measures**

See Avoidance Measures.

#### **Mitigation Measures**

See Avoidance Measures.

## **Social / Economic Importance**

### **Social or Economic Importance**

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(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

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

The gravel is needed to maintain gravel structures which protect the Trans Alaska Pipeline.

**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	see attached 404 application	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** Willow  
**Last Name** Weimer  
**Title** Environmental Program Specialist 4  
**Organization Name** Alaska Department of Environmental Conservation  
**Phone Type** Business    **Number** 9072696096    **Extension**  
**Email** willow.weimer@alaska.gov

**Attachments**

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

[Corps Public Notice - 2026 MP 42 Sag R Mining.pdf - 06/10/2026 09:02 AM](#)  
[MP 42 Corps Application.pdf - 06/10/2026 09:02 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.**

[OMS130-3mrp26.pdf - 06/10/2026 09:02 AM](#)  
[Sag River Material Source\\_oms130-3\\_Narrative 2026may.pdf - 06/10/2026 09:02 AM](#)

**Comment**

NONE PROVIDED

## Document Attachments

NONE PROVIDED

### Comment

NONE PROVIDED

## Delegation of Authority for Submission of Application

MP 42 delegation-of-authority-401-application - signed.pdf - 06/10/2026 09:02 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)

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## Certification Statement

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** Wes Willson on 06/10/2026 at 11:24 AM  
fwZDZbszk6lmtNvjhHzam6eHHhOnhYffeY4fv7N+sphCmYGWt1nNbhLEcWsLX8Chi3MfDbZzfUMjxnJxWEt/Cg==