CWA 401 Water Quality Certification Request

version 2.15

(Submission #: HQC-6M2P-DRP3Y, version 1)

Details

Site: Excel Street Connection

Submission ID HQC-6M2P-DRP3Y

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
Billing Contact

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Philip	Hofstetter

Title
Administrator/CEO

Organization Name
Petersburg Medical Center

Phone Type	Number	Extension
Business	907-772-5723	

Email
phofstetter@PMC-HEALTH.ORG

Mailing Address

103 Fram St

Petersburg, Alaska 99833

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)
Agent

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Josh	Grabel

Title
Environmental Specialist

Organization Name
DOWL

Phone Type	Number	Extension
Business	907-562-2000	

Email
jgrabel@dowl.com

Mailing Address

5015 Business Park Blvd #4000

Anchorage, AK 99503

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-2023-00172

Project Name or Title
Excel Street Connection

Primary Receiving Waterbody Name
NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
07/01/2025	10/01/2026

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Fill Placement	07/01/2025	10/01/2026

Project Description (Nature of Activity, include all features)
The proposed Project would extend the access road from Haugen Drive to Excel Street. A water line would be buried in the fill material to loop for better utility service. The Excel Street Connection would be a two lane access road with a pedestrian sidewalk on the west side of the access road. Peat would be removed from the Project footprint and replaced with structural fill.

See Supplemental Information for the alternatives analysis and site existing conditions.

Project Purpose (Describe the reason(s) for discharge)
The project purpose is to extend the road to connect Haugen Drive to Excel Street, for routing of emergency vehicles and hospital visitors from downtown and north Petersburg. The water line connection would provide loop to improve pressure and limit users effected by repairs or emergency shutoff of the water system.

Is any portion of the work already complete?
Yes

Please describe the completed work
The new Petersburg Medical Center fill pad and access from Haugen Drive has been placed. The new Petersburg Medical Center is currently under construction and was permitted under a USACE Regional General Permit 07 for rural development up to 5 acres. This project would add 0.32 acres of wetland impacts over the 5 acre threshold and be permitted under an individual permit for the entire project.

Description of current activity site conditions
Fill has been placed for the medical center pad and access road from Haugen Drive. Please see supplemental information for photos of the current conditions.

Relevant Site Data, Photographs that Represent Current Site Conditions, or other Relevant Documentation
4_Supplemental Information.pdf - 04/28/2025 02:04 PM
Comment
NONE PROVIDED

Is this a linear project? (i.e., utility line, road, etc.)
Yes

Linear Feet
253

Project Address
[NO STREET ADDRESS SPECIFIED]
Petersburg, AK 99833

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

Project Location
56.812634360899466,-132.94331421579793

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
01006317	Petersburg Borough	Copper River	27	58 South	79 East

Directions to Site
From the Petersburg Airport, turn left to head north on Haugen Drive. Turn right 0.6 mile onto S 8th Street. Turn right 0.2 mile onto Excel Street. The project will be located on the right 0.1 mile.

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**
Estrella Campellone

Title
Project Manager

Organization Name
USACE

Phone Type	Number	Extension
Business	907-687-1153	

Email
Estrella.F.Campellone@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
Existing material site in Petersburg

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

Type	Cubic Yards
Clean gravel fill	6,267

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

Surface Area	Units
0.32	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
56.812501539549054,-132.94360911427833

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
3988	Omni Building Spill	Fuel Oil	56.8111	-132.9428	Both	IC Unit
3124	AHFC Properties - Vista View Apts.	Diesel contamination	56.8104	-132.9531	Both	No Longer Assigned

Describe the identified contaminated site(s) or groundwater plume within 1,500 feet
Omni Building Spill (Hazard ID 3988) Cleanup Complete with Institutional Controls.
Site Summary: Heating oil spill reported in 2003, estimated between 200 and 900 gallons; source presumed to be at a faulty fuel pump located beneath the building. Petroleum impacted soil has been removed to the extent possible from beneath the building piling foundation and along the migration route through rock fill material and peat soil to a stream adjacent to the property. A low flow air pump system is used to remove residual soil gas from beneath the building. Long-term stream water and sediment sampling is on-going. Petersburg Airport Addition Block 300, Lot 21, 22 and 23. A seep has been located at the stream edge where the heating oil entered the
stream. Moderate short term and minor long-term impacts to freshwater quality are indicated by laboratory testing of monitoring samples from stream water and sediment. September 2004 sampling event results indicate residual petroleum impacts to the stream have stabilized below DEC and EPA cleanup criteria. 200 cubic yards of contaminated material was excavated from the site and transported Washington State for landfill treatment.
AHFC Properties (Hazard ID 3124) Cleanup complete: No longer assigned at ADEC.
Site Summary: Possible diesel contamination in the ground (Heating Oil Tank). According to the report no cleanup was conducted at the site. Contamination was discovered on January 13, 1999. Two 700 UST heating oil tanks removed. Smith Bayliss performed tank closure at AHFC direction as if they were regulated, but in fact they were not.

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
Petroleum Hydrocarbons
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
See supplemental information.

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
Temporary and permanent impacts to water quality are anticipated as a result of the proposed project. BMPs will be used to minimize construction impacts and to ensure compliance with both the Clean Water Act and the National Pollutant Discharge Elimination System. BMPs will be outlined in a Storm Water Pollution and Prevention Plan implemented by the Contractor.

Avoidance Measures
Avoidance: It is not practicable to build the proposed project in uplands as the new hospital fill pad and access from Haugen Drive are surrounded by a large wetland complex with no availability for high traffic through-ways from other side streets adjacent the hospital.

Minimization Measures
Minimization: The Excel Street Connection would be the minimum width necessary to meet two way traffic, pedestrian, and safety design standards. BMPs would be used during construction to limit sedimentation to nearby wetlands.

Mitigation Measures
Compensation: Credits would be purchased from a mitigation bank or in-lieu fee provider for the functions lost to wetlands from the project.

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
Community services provided
Infrastructure improvements
Recreational opportunities

Economic Importance Analysis
Employment, job availability, and salary impacts
Access to a transportation network

Describe Social and/or Economic Importance of the project
The proposed project would provide access to medical services at the new hospital facility. This Project would provide access for emergency vehicles and hospital visitors to the newly constructed hospital facilities, complete the connection between Excel Street and Haugen Drive, and extend the water service line to Excel Street to provide a loop for better service.
Additional construction services would be needed to construct the Excel Street Connection.

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
USACE	Section 404	POA-2023-00172	03/25/2025	*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 Estrella **Last Name** Campellone

Title
Project Manager

Organization Name
USACE

Phone Type	Number	Extension
Business	907-687-1153	

Email
Estrella.F.Campellone@usace.army.mil

Attachments

Copy of Federal Application (USACE, EPA, or FERC, etc.)
POA-2023-00172, Hammer Slough NWP.pdf - 04/28/2025 02:04 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.
Attach2 Figures-v1.pdf - 04/28/2025 02:04 PM
Comment
NONE PROVIDED

Document Attachments
Supplemental Information.pdf - 04/28/2025 02:04 PM
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;
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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 jgrabel@dowl.com jgrabel@dowl.com on 04/28/2025 at 2:07 PM