

CWA 401 Water Quality Certification Request

version 2.17

(Submission #: HQQ-7FE7-D2KWS, version 2)

Digitally signed by:
dec.alaska.gov
Date: 2026.08.18 13:00:15 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: NC Machinery - New Anchorage Facility

Submission ID HQQ-7FE7-D2KWS

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 4)

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)

Consultant

Contact

Prefix

NONE PROVIDED

First Name Last Name
John Storm

Title

Project Consultant

Organization Name

Harnish Group, Inc

Phone Type Number Extension
Business 253.307.1730

Email

jstorm@ncmachinery.com

Mailing Address

17035 West Valley Highway
Tukwila, WA 98188
United States

Contact Information (2 of 4)

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
Adam Morrill

Title

Environmental Specialist

Organization Name

DOWL

Phone Type Number Extension
Business 907.865.1215

Email

amorrill@dowl.com

Mailing Address

5015 Business Park Blvd, Suite 4000
Anchorage, AK 99503
United States

Contact Information (3 of 4)

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

Brian Heeb

Title

VP/CFO

Organization Name

NC Machinery

Phone Type Number Extension

Business 425.251.9823

Email

jnichols@harnishfrp.com

Mailing Address

17025 West Valley Highway

Tukwila, WA 98188

United States

Contact Information (4 of 4)

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

Jagoda "Jagi" Nichols

Title

Executive Assistant to VP & CFO

Organization Name

NC Machinery

Phone Type Number Extension

Business 425.251.9823

Email

jnichols@harnishfrp.com

Mailing Address

17025 West Valley Highway

Tukwila, AK 98188

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-2026-00541

Project Name or Title

NC Machinery - New Anchorage Facility

Primary Receiving Waterbody Name

Knik Arm

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
08/15/2026	08/15/2028

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Wetland fill began in summer 2022	NONE PROVIDED	08/31/2026

Project Description (Nature of Activity, include all features)

The applicant proposes to place 214,000 cubic yards of sand and gravel mix into 19.94 acres of palustrine wetlands to develop a 24.82-acre lot for commercial use. Earthwork activity would consist of excavation and import of soil to prepare the site, including excavation of 8 feet of organic (peat) material down to mineral soil directly below the proposed main building footprint and fill with imported classified sand and gravel fill material to achieve finished grade. Project would include the construction of the main and support buildings, loading docks, parking lots, laydown and equipment yard, driveway, four (4) 36 feet long by 24-inch diameter culverts, plain cement concrete sidewalks, chain-link fence, three (3) swing gates, landscape areas, snow storage area, storm water retention basins, and drainage swales. All work would be performed in accordance with the enclosed plan (sheets C001, C101-C102, C106-C109, C201-C205, and C302-C303, dated April 24, 2026, and Figure 1 dated June 2026).

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

The purpose of the discharge is to provide a stable base for the proposed project to construct the facilities described above.

Is any portion of the work already complete?

Yes

Please describe the completed work

The majority of wetlands have been filled with two to three feet of sand and gravel mix.

Description of current activity site conditions

The property is approximately 24.82 acres in size and nearly 19 acres of wetlands have fill material placed on them. The proposed project is to fill the remaining wetlands to provide a stable pad for parking facilities and access roads. Under the main building approximately 8 feet of peat will be removed to native mineral soils.

Relevant Site Data, Photographs that Represent Current Site Conditions, or other Relevant Documentation

[Preliminary Wetland Impacts_2026_0617.pdf - 07/21/2026 02:58 PM](#)

Comment

Preliminary Wetland Impacts show the proposed development and the extent of wetland fill to date.

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

No

Project Address

C Street 100th Avenue (Southwest corner)

Anchorage, AK 99515

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

[DSM - Lat/Long converter](#)

Project Location

61.129484828263266,-149.88905658721944

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
01604240000	Municipality of Anchorage	Seward	18	12 North	3 West

Directions to Site

From 555 Cordova Street take Cordova Street south to 9th Avenue and turn right (west). Take 9th Avenue for approximately 0.3 miles to C Street and turn left (south). Take C Street approximately 6.2 miles to 100th Avenue and turn right (west). The property is located at the southwest corner of the intersection.

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

NONE PROVIDED

Organization Name

USACE AK RD

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

Business 907.753.2518

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 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

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[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

Clean gravel fill, locally sourced

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

Type	Cubic Yards
Clean gravel fill	214,000

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

Surface Area	Units
19.94	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

Wetland adjacent to Klatt Bogg

Discharge Location

61.12879676070892,-149.8894214678225

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
4162	Norcon Inc. King Street and 100th Avenue	Petroleum	61.129801	- 149.881241	Soil	Gaige Robinson
28032	151 West 100th Avenue	Petroleum and perfluorooctanesulfonic Acid (PFOS)	61.131381	- 149.882539	Soil	Livia Bracker
4075	Contech Construction Products, Inc.	Hydraulic fluid and Petroleum	61.131300	- 149.879800	Soil	Bill O'Connell

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

4162: Petroleum stained soil area in the southeast corner of the 40-acre parcel, April 2005 analytics reported 15,300 mg/kg gasoline range organics and 119,000 mg/kg residual range organics. Status is cleanup complete with institutional controls.

28032: Petroleum contamination encountered during demolition of a building. Analytic testing identified PFOS contamination from an unknown source. Reports are there may have been a limousine fire but no records for the date of the fire or if AFFF was used. Status is active.

4075: Machinery leaking hydraulic fluid. Soil analytics reported 644 mg/kg diesel range organics and Chromium 46.8 mg/kg. Status is active.

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)

Sediment

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

Not known. Storm water pollution prevention plan to implement best management practices to limit or reduce sedimentation and turbidity in adjacent wetlands.

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 project has developed a storm water pollution prevention plan (SWPPP) to minimize sedimentation, and turbidity increases off-site in adjoining wetlands. The site will be stabilized prior to removal of best management practices being removed as identified in the SWPPP.

Avoidance Measures

The wetlands on the property could not be avoided and are proposed to be filled.

Minimization Measures

The project will minimize impacts to wetlands by creating retention basins on the west of the property. These basins will have a similar elevation as the pre-project wetland elevation of 84 feet. The retention basins total 0.55 acres in size. These basins will be graded but returned to a similar elevation as the wetland.

Mitigation Measures

The Harnish Group Inc. proposes no mitigation as compensatory mitigation has been completed for the fill of 19.94 acres of wetlands through POA-2013-00541 acquisition of 15.149 credits. Acquisition of credits was completed in 2022 as documented below

- ❖ Purchase of 4.13 credits on May 1, 2014 from the Harmany Ranch Wetland Mitigation Bank
- ❖ Purchase of 7.88 credits on July 15, 2014 from Great Land Trust
- ❖ Purchase of 0.336 credits on January 21, 2022 from Great Land Trust
- ❖ Preservation of 6.963 acres to generate 2.803 credits through permittee responsible mitigation by placing a conservation easement (December 21, 2021) and long-term management plan (November 2021)

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

Infrastructure improvements

Economic Importance Analysis

Employment, job availability, and salary impacts
Tax base impacts
Commercial activities

Describe Social and/or Economic Importance of the project

The project will develop a vacant lot into a commercial development providing an increase in tax base to the Municipality of Anchorage. The project will provide employment to minimum of 151 employees and a maximum of 200 employees.

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	Permit	POA-2026-00541	06/04/2026	NONE PROVIDED	NONE PROVIDED
MOA	Permit	C26-1361	05/18/2026	07/14/2026	NONE PROVIDED

Other Agency or Local Contacts (1 of 1)

Contact Role

OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name Richard
Last Name Dienes-Oehm

Title
Permitting Manager

Organization Name
Municipality of Anchorage

Phone Type Business
Number 907.343.8320
Extension

Email
Dienes-OehmRE@muni.org

Attachments

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

[NC ANC Eng Form 4345-2022 Sep 06042026.pdf - 07/21/2026 02:58 PM](#)

[POA-2013-00541\(KrikArm\)PN.pdf - 07/21/2026 02:58 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.

[POA-2013-00541_20260604_Plans.pdf - 07/21/2026 02:58 PM](#)

[Preliminary Wetland Impacts_2026_0617.pdf - 07/21/2026 02:58 PM](#)

Comment

NONE PROVIDED

Document Attachments

NONE PROVIDED

Comment

NONE PROVIDED

Delegation of Authority for Submission of Application

[Delegation of Authority - USACE 07212026.pdf - 07/21/2026 02:58 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.

Revisions

Revision	Revision Date	Revision By
Revision 1	7/21/2026 2:58 PM	amorrell@dowl.com amorrell@dowl.com
Revision 2	8/18/2026 9:33 AM	amorrell@dowl.com amorrell@dowl.com

Agreements and Signature(s)

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 bheeb@hamishgrp.com on 08/18/2026 at 12:58 PM
N3+4KGbcYS5T1giL1loKdmcp3jWMPsLVxHKP0hE0VbIgoUAON1FT6pfDGMwyc1dTn3wSDFFIWJk3C/HImcNXUQ==