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Reason: Submission Data
Location: State of Alaska

CWA 401 Water Quality Certification Request

version 2.17

(Submission #: HQS-FMCH-T4MF1, version 1)

Details

Site: Campbell Lake: Gates-Waterfront Rehabilitation & Dock Replacement

Submission ID HQS-FMCH-T4MF1

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)
Owner
Applicant

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Mary	Gates

Title
Property Owner

Organization Name
N/A

Phone Type	Number	Extension
Home	907-764-7351	

Email
jillgates2142@gmail.com

Mailing Address

3637 W 100th Ave

Anchorage, AK 99515

United States

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)
Agent
Operator
Billing Contact
Onsite Contact

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Jason	Kersten

Title
Managing Agent Owner

Organization Name
Arctic Terra, LLC

Phone Type	Number	Extension
Business	907-222-7599	

Email
jason.kersten@arcticterra.com

Mailing Address

PO Box 240243

Anchorage, AK 99524

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)
Agent
Application Preparer

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Mona	Widger

Title
Project Coordinator

Organization Name
Arctic Terra, LLC

Phone Type	Number	Extension
Business	907-222-7599	

Email
monaw@arcticterra.com

Mailing Address

PO Box 240243

Anchorage, AK 99524

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-2026-00395

Project Name or Title
Campbell Lake: Gates-Waterfront Rehabilitation & Dock Replacement

Primary Receiving Waterbody Name
NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
10/15/2026	05/31/2027

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Shoreline armor boulder wall placement and toe fill	10/15/2026	11/15/2026

Project Description (Nature of Activity, include all features)
Rehabilitation of 62 linear feet of shoreline along Campbell Lake. Work includes selective bucket excavation of loose organic muck along the bank toe (hauled directly offsite), construction of a single-row retaining wall using 15–20 cubic yards of clean 2.5–3.5 ft fractured armor boulders placed against the bank drop without geotextile fabric, and placement of 1.5 cubic yards of clean angular crushed rock for a private boat launch ramp. Secondary work includes replacing an existing floating dock with a low-profile aluminum dock riding on 100% encapsulated half-depth HDPE float shells, composite decking with 1/2-inch gaps, and in-kind replacement of six (6) steel spud piles driven through winter lake ice.

Project Purpose (Describe the reason(s) for discharge)
To stabilize an eroding vertical shore bank, eliminate active organic sludge and sediment loading into Campbell Lake, and replace an unsafe, deteriorating floating dock structure to maintain safe private recreational water access.

Is any portion of the work already complete?
No

Description of current activity site conditions
The site currently consists of an un-stabilized 3-foot vertical bank drop with sloughing organic muck at the waterline, causing ongoing shoreline erosion and localized turbidity. The existing floating dock is deteriorating and structurally compromised.

Relevant Site Data, Photographs that Represent Current Site Conditions, or other Relevant Documentation
Existing dock Pics.docx - 10/21/2026 10:43 AM
MOA Prop Map.pdf - 10/21/2026 10:43 AM
Comment
NONE PROVIDED

Is this a linear project? (i.e., utility line, road, etc.)
No

Project Address
3637 W 100th Ave
Anchorage, AK 99515

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

Project Location
61.130764889496014,-149.9482382588368

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
012-421-38-000	Municipality of Anchorage	Seward	14	12N	04W

Directions to Site
From Minnesota Drive in Anchorage, head west on W 100th Avenue past Jewel Lake Road toward Campbell Lake. The property is located at 3637 W 100th Avenue on the north side of the road, fronting the southern shoreline of Campbell Lake.

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
Leah	Barrett

Title
Regulatory Specialist

Organization Name
USACE

Phone Type	Number	Extension
Business	907-388-9081	

Email
Leah.Barrett@usace.army.mil

Dredge Material to be Discharged

Is dredging involved?
Yes

How many acres?
0.01

How much volume? (Cubic Yards)
10.00

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 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

Has a Tier analysis been conducted of the dredged prism?
No

Note, if marked NO; A Tier analysis may be required later upon review of the request.

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
Commercial rock quarry (clean, washed, fractured armor rock; no unwashed fill/dirt)

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

Type	Cubic Yards
TypeCubic YardsClean Fractured Armor Boulders (2.5&#65533;3.5 ft)	20
Clean Washed Angular Crushed Rock (Boat Launch)	1.5

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

Surface Area	Units
62	Linear Feet

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

Location Description
Shoreline armor boulder wall placement, toe fill, and crushed rock boat launch ramp below OHW

Placement of Dredged/Fill material discharge
In Water

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
Campbell Lake

Discharge Location
61.130765,-149.948238

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 contamianted 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
Minor, localized turbidity and suspended sediment will be temporarily generated during Phase 1 shoreline bucket excavation and armor boulder placement. Total suspended solids (TSS) concentrations will be entirely contained within the deployed full-depth floating turbidity curtain perimeter. Persistence is short-term (estimated 7 to 14 days), and the curtain will remain deployed until suspended sediments completely settle out prior to removal, resulting in no long-term or adverse water quality impacts to Campbell Lake.

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
A full-depth floating turbidity curtain will be deployed around the 62-LF shoreline work perimeter prior to any bucket excavation, boulder placement, or crushed rock boat launch installation. A fish catch-and-release rescue will be performed within the isolated enclosure prior to substrate disturbance. Visual water clarity monitoring will occur daily during Phase 1 operations. Suspended sediments will be allowed to completely settle inside the containment zone before the turbidity curtain is removed (approx. 7–14 days total duration). Heavy equipment will operate strictly from the upland bank during Phase 1 and from frozen lake ice during Phase 2.

Avoidance Measures
Avoided open-water marine equipment and barges by scheduling all spud pile driving during Phase 2 to operate from frozen lake ice. Avoided synthetic material degradation by eliminating geotextile filter fabric from the boulder wall design. Avoided instream heavy equipment operation by working exclusively from the upland bank edge.

Minimization Measures
Minimized turbidity by deploying a full-depth floating turbidity curtain around the entire shoreline perimeter. Used clean, washed 2.5–3.5 ft fractured armor boulders and 1.5 CY of clean angular crushed rock for the boat launch, containing zero fine silts or organic dirt. Incorporated 1/2-inch spacing gaps in dock composite decking for light penetration, and used 100% encapsulated HDPE half-depth float shells to minimize draft footprint and aquatic displacement.

Mitigation Measures
Compensatory mitigation is not proposed. Discharge is strictly minimized to 15–20 CY of clean armor rock and 1.5 CY of crushed rock for a non-motorized boat launch across 62 linear feet. Replacing the eroding, un-stabilized bank with clean rock materials and removing loose organic muck stops active sediment loading into Campbell Lake, providing a net benefit to water quality without loss of aquatic function.

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
Public health or safety improvements
Infrastructure improvements
Recreational opportunities

Economic Importance Analysis
Employment, job availability, and salary impacts
Commercial activities

Describe Social and/or Economic Importance of the project
The project accommodates important local social and economic benefit within the Municipality of Anchorage pursuant to 18 AAC 70.016(c)(5):

Social Importance: Stabilizing the rapidly eroding shore bank eliminates continuous sediment loading and localized turbidity into Campbell Lake, protecting water quality for community benefit. Replacing the structurally compromised dock and constructing a formal crushed rock boat launch ramp eliminates an active physical safety hazard while maintaining safe, non-motorized recreational water access.

Economic Importance: The project directly supports the local Anchorage economy through contract labor, heavy equipment operations, and material procurement—including local purchases of clean fractured armor boulders, clean crushed rock, steel spud piles, and specialized dock framing. Maintaining shoreline stability prevents ongoing property loss and protects local real property value and municipal tax bases.

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 / Section 10 Permit	POA-2026-00395	08/15/2026	*NONE PROVIDED*	*NONE PROVIDED*
ADF&G	Fish Habitat Permit	FH26-II-0120	07/20/2026	09/16/2026	*NONE PROVIDED*
MOA	Floodplain / Land Use Determination	Confirmed by MOA-No permit required	08/19/2026	*NONE PROVIDED*	*NONE PROVIDED*

Other Agency or Local Contacts (1 of 3)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name Beth
Last Name Evers
Title
Habitat Biologist
Organization Name
ADF&G Habitat Section, Anchorage Office
Phone Type Business
Number 907-267-2143
Extension
Email
beth.evers@alaska.gov

Other Agency or Local Contacts (2 of 3)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name	Last Name
Richard	Dienes-Oehm

Title
Permit Management Supervisor

Organization Name
MOA

Phone Type	Number	Extension
Business	9073438320	

Email
richard.dienes-oehm@anchorageak.gov

Other Agency or Local Contacts (3 of 3)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name	Last Name
Mike	Walters

Title
Senior Plan Reviewer

Organization Name
MOA

Phone Type	Number	Extension
Business	907-343-8226	

Email
michael.walters@anchorageak.gov

Attachments

Copy of Federal Application (USACE, EPA, or FERC, etc.)
Correspondence with USACE.pdf - 10/21/2026 10:43 AM
Comment
The PDF of the USACE application will not load. I will have to try another method. Possibly email?

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-2026-00395_Cross_Section.pdf - 10/21/2026 10:43 AM
MOA Prop Map.pdf - 10/21/2026 10:43 AM
Campbell_Lake_Site_Plan_Corrected.pdf - 10/21/2026 10:43 AM
Comment
NONE PROVIDED

Document Attachments
FH26-II-0120_Dock_Campbell Lake_Mary Gates ASF&G Permit.pdf - 10/21/2026 10:43 AM
Project_Execution_Plan_and_Addendum.pdf - 10/21/2026 10:43 AM
GatesCampbell Dock Plans.pdf - 10/21/2026 10:43 AM
Comment
NONE PROVIDED

Delegation of Authority for Submission of Application
ADEC Delegation of Signature Authority.pdf - 10/21/2026 11:00 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)

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 Jason Kersten on 10/21/2026 at 11:06 AM

Qk7soMfa7TjsJysG0gf0jC9GA3pFQ1xNLsgIBMLyHFO4ZNkszHncsiFWjPBBbtybOccoO9WEtNKUOpb/MuRjtQ==