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Reason: Submission Data
Location: State of Alaska

CWA 401 Water Quality Certification Request

version 2.17

(Submission #: HQS-N404-17EVE, version 1)

Details

Site: Kodiak Marine Way Boatyard Dock Repairs

Submission ID HQS-N404-17EVE

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
Owner
Billing Contact

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Tyler	Schmeil

Title
Owner

Organization Name
Marine Way Boatyard

Phone Type	Number	Extension
Business	480-292-1105	

Email
marinewayboatyard@gmail.com

Mailing Address

816 E Marine Way

Kodiak, AK 99615

[NO COUNTRY SPECIFIED]

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)
Application Preparer

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Elijah	Owens

Title
Engineering Tech

Organization Name
R&M Engineering Ketchikan

Phone Type	Number	Extension
Mobile	9074011495	

Email
ian@rmketchikan.com

Mailing Address

7180 Revilla Road, Suite 300

Ketchikan, AK 99901

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-1978-00210

Project Name or Title
Kodiak Marine Way Boatyard Dock Repairs

Primary Receiving Waterbody Name
Chiniak Bay

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
05/01/2027	10/31/2027

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
Armor rock fill placement to stabilize sheet pile wall	06/01/2027	06/15/2027

Project Description (Nature of Activity, include all features)
Repairs and maintenance to an existing commercial marine boatyard and vessel haul-out facility in Kodiak. Activities include in-kind replacement and repair of deteriorating dock pilings and structural decking, converting from wood to steel support beams to reduce the overall piling count across the dock by approximately 25% (net reduction of approximately 16 piles). Work also includes placing armor rock fill to stabilize an existing failing sheet pile wall and constructing an 18-foot by 31-foot connector/infill (supported by 6 piles) between the east side dock and the east side travel lift pier to establish a contiguous 33-foot by 80-foot safe working platform.

Project Purpose (Describe the reason(s) for discharge)
The discharge of rock fill is necessary to stabilize a failing sheet pile bulkhead wall on three sides of a former small boat lift basin and provide long-term erosion control. Placing armor rock directly shores up the failing structure significantly faster and with far less environmental impact (avoiding lengthy impact pile driving that affects marine mammals) than driven sheet pile replacement, while supporting essential working infrastructure at one of Alaska's primary commercial fishing ports.

Is any portion of the work already complete?
No

Description of current activity site conditions
The project site is an existing, active commercial vessel haul-out and marine boatyard facility in Kodiak that has operated for nearly 60 years. Current waterfront structures include a 33-foot by 84-foot west side dock, an 11-foot by 79-foot west travel lift pier, a 20-foot by 60-foot east side dock, and a former small boat lift basin. Many existing timber pilings, beams, and deck components are deteriorated and have reached the end of their design life. The former small boat lift pocket currently has failing steel sheet pile bulkheads on three sides, creating structural instability and an irregular, narrow working footprint near active vessel hoist operations. Site photographs, plan views, and tidal elevation references are on file under USACE Permit Application POA-1978-00210.

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
Marine Way
Kodiak, AK 99615

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

Project Location
57.7887,-152.4042

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	Kodiak Island Borough	Seward	31	27s	19w

Directions to Site
From downtown Kodiak, head south along Marine Way toward the waterfront. The project facility is located on the seaward side of Marine Way along Chiniak Bay at the Kodiak Boatyard haul-out facility.

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 Rebecca
Last Name Manbeck

Title
NONE PROVIDED

Organization Name
U.S. Army Corps of Engineers Alaska District

Phone Type	Number	Extension
Business	907-251-6716	

Email
Rebecca.S.Manbeck@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
Local commercial quarry source

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

Type	Cubic Yards
Local commercial quarry source (clean, non-polluting shot rock / riprap)	100

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

Surface Area	Units
0.013	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
Chiniak Bay

Discharge Location
57.7887,-152.4042

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
27197	USFWS Kodiak NWR Triplex	Petroleum / Subsurface	57.7914	-152.3986	Soil	Jenny Gates
3210	Kodiak Fish Tech Center UST	Petroleum (UST)	57.7878	-152.3922	Unknown	ADEC IC Unit
22945	Kodiak Island Borough Building	Petroleum	57.7928	-152.3976	Both	ADEC IC Unit
3202	Residence - 1117 Stellar Way HHOT	Heating Oil (HHOT)	57.7921	-152.3914	Unknown	ADEC IC Unit

Describe the identified contaminated site(s) or groundwater plume within 1,500 feet
Within the 1,500-foot project review radius, four ADEC-tracked contaminated sites are identified: the USFWS Kodiak NWR Triplex (Hazard ID 27197) is currently in Active status, while the Kodiak Fish Tech Center UST (Hazard ID 3210), Kodiak Island Borough Building (Hazard ID 22945), and Residence at 1117 Stellar Way HHOT (Hazard ID 3202) are designated as 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 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
Petroleum Hydrocarbons
Metals

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
Discharges associated with the proposed armor rock placement and sheet pile stabilization will be localized and temporary, restricted to the immediate intertidal footprint along Marine Way and Chiniak Bay. While historical petroleum hydrocarbons and metals are documented within the 1,500-foot regulatory buffer (including active site Hazard ID 27197 and institutional-control sites), construction will utilize clean, non-polluting rock fill and standard marine Best Management Practices (BMPs)—such as silt curtains, containment booms, and working in a largely dewatered or low-tide window where practicable—to prevent the mobilization of legacy contaminants or excess suspended sediments into receiving waters. Concentrations are expected to remain at or below background levels with zero long-term persistence or adverse water quality impacts.

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
Impacts are avoided and minimized by utilizing the existing 60-year-old boatyard footprint, replacing structures largely in-kind, transitioning from wood to steel beams to reduce total pile count by ~25% (16 fewer piles), and using clean armor rock fill instead of months of driving new sheet pile walls[cite: 1]. Standard marine Best Management Practices (BMPs), turbidity controls, and containment measures will be implemented during all in-water work.
Construction operations will be visually monitored daily by site supervisory personnel for equipment integrity, hydraulic fluid leaks, and turbidity control. In-water placement of armor rock will be executed rapidly (within a few days) to minimize duration, and turbidity/sediment generation will be managed via clean fill specifications and tidal work window coordination[cite: 1].

Avoidance Measures
There are no practical alternatives for avoidance due to the location and nature of the project[cite: 1]. This marine yard is the primary storage and repair of fishing vessels in Kodiak, which is one of the largest fishing ports in Alaska and a major sector of the economy[cite: 1]. It must be located in marine waters as the lift needs to extend into the water to pick vessels up and set on land for repairs or storage[cite: 1]. The facility has been in operation nearly 60 years and many of the components are at the end of their useful life[cite: 1]. The project takes advantage of prior fill on the site and the repairs represent just a fraction of the prior fill in waters of the US[cite: 1].

Minimization Measures
The project looks to replace most of those materials in kind with small modifications using rock fill to stabilize sheet pile walls and a very small dock infill[cite: 1]. We have proposed different construction methods using steel beams instead of wood beams which will reduce the number of piling by roughly 25% over the existing conditions[cite: 1]. By the time the dock is finished there will be approximately 16 less pilings than current conditions[cite: 1]. The small amount of fill required to shore up the sheet pile can be installed much faster and with much less impact to marine mammals than driving new sheet pile wall[cite: 1]. Fill can be placed in a few days while sheet pile replacement would likely take months of pile driving[cite: 1].

Mitigation Measures
No compensatory mitigation is proposed for this project due to the replacement in kind for most materials and the fact that the additional fill does not increase the footprint, just steepens the slopes and changes the rock to armor rock against the piling[cite: 1].

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
Public health or safety improvements

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

Describe Social and/or Economic Importance of the project
The Kodiak Boatyard is a critical piece of infrastructure within Kodiak's working waterfront, serving as the primary commercial storage and repair facility for the region's fishing fleet[cite: 1, 2]. Maintaining this facility directly supports local commercial fishing, maritime employment, and economic stability[cite: 1, 2]. The proposed structural repairs and safety improvements (such as eliminating failing bulkhead hazards and establishing secure working platforms) ensure the continued, safe operation of this essential maritime transportation and economic hub[cite: 1, 2].

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
U.S. Army Corps of Engineers (USACE)	Individual Permit / NWP 3 Evaluation	POA-1978-00210	07/28/2026	*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 Melissa **Last Name** Schmeil

Title
Owner / Manager

Organization Name
Kodiak Boatyard Corp

Phone Type	Number	Extension
Mobile	907-617-1441	

Email
marinewayboatyard@gmail.com

Attachments

Copy of Federal Application (USACE, EPA, or FERC, etc.)
Eng_Form_4345_2024Oct FINAL.pdf - 10/28/2026 10:19 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.
UPDATED DRAWINGS 8-19-26.pdf - 10/28/2026 10:19 AM
Comment
NONE PROVIDED

Document Attachments

NONE PROVIDED

Comment

NONE PROVIDED

Delegation of Authority for Submission of Application

SIGNED delegation-of-authority-401-application.pdf - 10/28/2026 10:19 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 ian@rmketchikan.com ian@rmketchikan.com on 10/28/2026 at 10:29 AM
YrDs+a6/TB4nOUbnhtOofxCUJ00lgpcXx+D4lpdCJ+Ew0/yaYUlwiWwCDqNVwY2dKSG8hP7Qm3AbQzl4XTKVWw==