

CWA 401 Water Quality Certification Request

version 2.17

(Submission #: HQQ-ZN4E-S2G9B, version 1)

Digitally signed by:
dec.alaska.gov
Date: 2026.08.21 09:34:11 -08:00
Reason: Submission Data
Location: State of Alaska

Details

Site: RUBY MINE

Submission ID HQQ-ZN4E-S2G9B

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 1)

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)

Operator

Applicant

Billing Contact

Contact

Prefix

NONE PROVIDED

First Name

Shane

Last Name

HOLMBERG

Title

operator

Organization Name

TINTINA GOLD COMPANY LLC

Phone Type

Mobile

Number

9072057353

Extension

Email

shaneh@tintinagoldco.com

Mailing Address

2341 nussbaumer st

TURN LEFT. 8 MILES IS CAMP AND MINE

Fairbanks, AK 99709

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-2026-00030

Project Name or Title

RUBY MINE

Primary Receiving Waterbody Name

NONE PROVIDED

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
06/01/2026	06/01/2036

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

Description	Discharge Estimated Start Date	Discharge Estimated End Date
PLACER MINING	06/01/2026	06/01/2036

Project Description (Nature of Activity, include all features)

10 YEAR PHASED PLACER MINING OPERATION IMPACTING APPROXIMATELY 35 ACRE AT ANY GIVEN TIME. THE WORK WOULD INVOLVE MECHANIZED CLEARING, STRIPPING OV OVERBURDEN, EXCAVATING PAY GRAVELS, AND THE GROGRESSIVE RECLAMATION OF MINED AREAS.

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

OPERATING A MECHANICAL PLACER MINE WITHIN AQUATIC RESOURCES OF GLENN GULCH AND FLINT CREEK TO EXTRACT GOLD

Is any portion of the work already complete?

Yes

Please describe the completed work

IN GLENN GULCH WE ARE CURRENTLY PROCESSING OLDER SPOOLS PILES WHERE PREVIOUS MINERS HAD STOCKPILED MATERIAL. OVERBURDEN IS BEING MOVED BACK ONTO OLD SETTLING PONDS AND ONCE FULLY MINED THE AREAS WILL BE CONTOURED BACK TO A MORE NATURAL DESIGN.

Description of current activity site conditions

OVERBURDEN IS BEING MOVED BACK ONTO OLD SETTLING PONDS AND ONCE FULLY MINED THE AREAS WILL BE CONTOURED BACK TO A MORE NATURAL DESIGN.

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

[2026 - CUT PHOTO.jpg - 08/21/2026 09:24 AM](#)

Comment

OLD SETTLING POND WE ARE MOVING SPOILS ONTO TO REESTABLISH A NATURAL CREEK VALLEY

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

No

Project Address

28 MILE POORMAN RD, RUBY AK
TURN LEFT. 8 MILES IS CAMP AND MINE
RUBY, AK 99768

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

[DSM - Lat/Long converter](#)

Project Location

64.41482123563466,-155.35168845623247

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
ADL 628161	Yukon-Koyukuk Census Area	Kateel River	12S	18E	30

Directions to Site

FROM RUBY, TAKE THE POORMAN RD 28 MILES. TURN LEFT ONTO MINE RD. GO 8 MILES TO CAMP. MINE IS 1/2 MILE BEYOND.

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**
ANDREW KASTNING

Title
NONE PROVIDED

Organization Name
ARMY CORP OF ENGINEERS

Phone Type **Number** **Extension**
Business 907-753-2554

Email
ANDREW.C.KASTNING@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

-

[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

OVERBURDEN THAT IS COVERING PAY GRAVEL

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

Type	Cubic Yards
OVERBURDEN	300.000

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

Surface Area	Units
1400	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)

002

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

64.41617524892749,-155.3468968718055

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 contaminated site data, impaired waters or other relevant water quality data, or other parameters of concern identified during the application process.

Parameter(s)

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

water is less sediment laden than the creek it is entering.

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  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

DIVERSION DITCHES ARE CREATED ON THE OPPOSITE SIDE OF CREEK VALLEY FROM MINING ACTIVITIES TO MINIMIZE MATERIALS FROM ENTERING ACTIVE CREEKS. SETTLING PONDS ARE A CLOSED SYSTEM. INSPECTION OF EMERGENCY OVERFLOW DITCHES ARE INSPECTED DAILY. FLOCULANT IS ADDED TO WATER TO IMPROVE WATER QUALITY PRIOR TO REUSE.

Avoidance Measures

OVERBURDEN IS MOVED TO AREAS WHICH HAVE BEEN PREVIOUSLY MINED TO MINIMIZE WATER EROSION OF OVERBURDEN.

Minimization Measures

SETTLING PONDS ARE CREATED FOR SEDIMENT LADEN WATER TO SLOW, ALLOWING SEDIMENT SETTLING. POND WATER IS REUSED FOR MINING ACTIVITIES.

Mitigation Measures

WATER GOES THROUGH 3 DIFFERENT OLD SETTLING POND AREAS. THIS GIVES THE WATER ADDITIONAL AREAS FOR ANY SEDIMENT SETTLING TO OCCUR.

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

NONE PROVIDED

Economic Importance Analysis

NONE PROVIDED

Describe Social and/or Economic Importance of the project

NONE. THE OPERATION IS 30 MILES FROM THE CLOSES VILLAGE. THE WATER FLOWS FROM FLINT CREEK INTO THE SOLATNA RIVER, WHICH FLOWS INTO THE NOWITNA RIVER, WHICH FLOWS INTO THE YUKON RIVER, 30 MILES UPSTREAM FROM RUBY.

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
DNR	MINING PERMIT	2920	01/15/2026	05/20/2026	NONE PROVIDED

Other Agency or Local Contacts (1 of 1)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name

Michelle

Last Name

CORRIGAN

Title

NATURAL RESOURCES SPECIALIST

Organization Name

DEPT OF NATURAL RESOURCES

Phone Type

Business

Number

907 458-6887

Extension

Email

michelle.corrigan@alaska.gov

Attachments

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

ARMY CORP - POA-2026-00030 Glenn Gulch PN.pdf - 08/21/2026 09:24 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.

2026 APMA - YEARLY MINE NARRATIVE W PHOTOS.pdf - 08/21/2026 09:24 AM

Comment

NONE PROVIDED

Document Attachments

NONE PROVIDED

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)

Certification Statement

As per 18 AAC 15.030 signing of applications, all permit or approval applications must be signed as follows:

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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 shaneh@tintinagoldco.com shaneh@tintinagoldco.com on 08/21/2026 at 9:30 AM
V0jlljkZ0Q/d8ak2meAS6dNgKoP7wbptT3UaRVoo/QM7tSuZpvTnHI9DOMnd+w2IDQ/+c3+Xv2Dvb9sSOKE0FQ==