



US Army Corps
Dredge Operation Plan View
of Engineers
Alaska District

Public Notice of Application for Permit

ANCHORAGE
Regulatory Division (1145)
CEPOA-RD
Post Office Box 6898
JBER, Alaska 99506-0898

PUBLIC NOTICE DATE:	March 4, 2022
EXPIRATION DATE:	April 3, 2022
REFERENCE NUMBER:	POA-2003-00053-M2
WATERWAY:	Norton Sound

Interested parties are hereby notified that a Department of the Army permit application has been received for work in waters of the United States as described below and shown on the enclosed project drawings.

All comments regarding this Public Notice should be sent to the address noted above. If you desire to submit your comments by email, you should send it to the Project Manager's email as listed below or to regpagemaster@usace.army.mil. All comments should include the Public Notice reference number listed above.

All comments should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact lesliewtose@me.com at (907) 753-5515, toll free from within Alaska at (800) 478-2712, by fax at (907) 753-5567, or by email at leslie.w.tose@usace.army.mil if further information is desired concerning this notice.

APPLICANT: Mr. Craig C. Coggins, P.O. Box 1435, Nome, Alaska 99762;
Phone 907 299-4292. Email: cogginsacak@gmail.com

LOCATION: The project site is located offshore from Nome, Alaska, within Alaska Department of Natural Resources' 2011 Lease Sale Tracts and Alaska Division of Lands parcels. A map and list of the parcels and tracts is on Sheet 1, attached.

PURPOSE: The applicant's stated purpose is to conduct offshore suction dredging for gold.

PROPOSED WORK: Conduct an offshore suction dredging operation, using a 20-inch diameter suction nozzle mounted on a 12-ton, 30-foot long by x 8 foot wide, underwater, custom-built track crawler. The crawler operation is supported by a 66 foot by 20 foot landing craft vessel, anchored offshore and working in 40 to 60-foot depth waters. The dozer moves seabed gravels and cobbles 11/16th inch-plus size into 2-to-3-foot-high rows of tailings. 11/16th-minus sized materials are sucked up by the dredge hose, pumped to the vessel, sluiced, and returned to the ocean floor through an 8 inch diameter hose, 20-to-30 feet below the surface. Up to 20 cubic yards per hour of material would be processed. All dredged materials are returned to the ocean floor in approximately the same location from which they were removed, with reclamation conducted concurrently. The support boat would be serviced from the Nome Boat Harbor. All work would be performed in accordance with the enclosed plan (sheets 1-3), dated March 3, 2022.

ADDITIONAL INFORMATION:

Alaska Department of Natural Resources Application for Permit to Mine in Alaska (APMA) number 9700, issued 2022- expires 2026

Alaska Department of Environmental Conservation, Alaska Pollutant Discharge Elimination System (APDES) AKG374002, issued August 2018 expires August 2023

APPLICANT PROPOSED MITIGATION: The applicant proposes the following mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States from activities involving discharges of dredged or fill material.

Avoidance:

- Boulder Ridge areas are left undisturbed as they are too difficult to dredge. They become islands of undisturbed bottom habitat in areas that are mined.
- The shortness of the season (approximately 70 days), rough weather and the size of our machinery limit our footprint to 15-acres or less per year.

Minimization:

- Our operation uses a tailings downspout (see attached drawing.) to minimize our turbidity plume. By lowering the elevation of the of the half inch tailings discharge, the area impacted by silt and turbidity is reduced.
- The average depth of the mineable seabed material is 6 inch to 24 inch, to the clay substrate below. The clay is left undisturbed. The mineable layer generates low tailing ridges 2 foot to 3 foot behind the crawler. The 11/16th-minus tailings from the boat are deposited along the edge of the crawler ridges. Storms soon level and redistribute the smaller tailings from the boat. Underwater video surveys show that 2 to 3 years after mining, the ridges of larger tailings have also been leveled and recolonization is well under way. Most of this data is from 40 foot.

Compensatory Mitigation:

Based on annual video surveys conducted between 2005 and 2021, showing recolonization by seaweed, grass, barnacles, anemones and so on. I believe that impacts should be considered temporary. The avoidance and minimization efforts we have been using, reduce environmental impacts to the point where they are so small as to be considered negligible. Video surveys of reclamation are available on request.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification, as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRs) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no cultural resources in the permit area or within the vicinity of the permit area. The permit area has been determined to be the actual 15-acre footprint of the project as located within the approximately 30,000-acre claim area. Consultation of the AHRs constitutes the extent of cultural resource investigations by the U.S. Army Corps of Engineers (Corps) at this time, and we are otherwise unaware of the presence of such resources. The Corps has made a No Potential to Cause Effects determination for the proposed project. Consultation with the State Historic Preservation Office (SHPO), federally recognized tribes, and other consulting parties is not required. However, any comments SHPO, federally recognized tribes, and other consulting parties may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

ENDANGERED SPECIES: The project area is within the known or historic range of the ringed seal (*Phoca (pusa) hispida*), bearded seal (*Erignathus barbatus*), Stellar sea lion (*Eumetopias jubatus*), fin whale (*Balaenoptera physalus*), humpback whale (*Megaptera novaeangliae*), north pacific right whale (*Eubalaena japonica*), polar bear (*Ursus maritimus*) Steller's eider (*Polysticta stelleri*), and the spectacled eider (*Somateria fischeri*).

Preliminarily, we have determined the described activity would have no effect on any of the listed or proposed threatened or endangered species and would have no effect on any designated or proposed critical habitat, under the Endangered Species Act of 1973 (87 Stat. 844). because of the limited time the activity would occur (June 1 through September 30), and the small impact area relative to the size of the lease area. Therefore, no consultation with the U.S. Fish and Wildlife Service or the National Marine Fisheries Service (NMFS) is required. However, any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH).

The project area is within the known range of all five species of Pacific salmon for immature and maturing adults and marine juveniles : Chinook salmon (*Oncorhynchus tshawytscha*), sockeye salmon (*Oncorhynchus nerka*), silver salmon (*Oncorhynchus kisutch*), chum salmon (*Oncorhynchus keta*) and pink salmon (*Oncorhynchus gorbuscha*); and for Alaska plaice (*Pleuronectes quadrituberculatus*), and red king crab (*Paralithodes camtschaticus*) . Preliminarily, we have determined the described activity would not adversely affect EFH in the project area because of the limited time the activity would occur (June 1 through September 30), and the small impact area relative to the size of the lease area. This Public Notice initiates EFH consultation with the NMFS. Any comments or recommendations they may have concerning EFH will be considered in our final assessment of the described work .

TRIBAL CONSULTATION: The Corps fully supports tribal self-governance and government-to-government relations between Federally recognized Tribes and the Federal government. Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Commander during the public comment period.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The outcome of the general balancing process would determine whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur. The decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Commander determines that it would be contrary to the public interest.

The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

AUTHORITY: This permit will be issued or denied under the following authorities:

(X) Perform work in or affecting navigable waters of the United States – Section 10 Rivers and Harbors Act 1899 (33 U.S.C. 403).

(X) Discharge dredged or fill material into waters of the United States – Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

Project drawings and a Notice of Application for State Water Quality Certification are enclosed with this Public Notice.

District Commander
U.S. Army, Corps

Enclosures



PUBLIC NOTICE

Alaska Department of Environmental Conservation (DEC)
Wastewater Discharge Authorization Program/401 Certification
555 Cordova Street, Anchorage AK 99501-2617
Phone: 907-269-6285 | Email: DEC-401Cert@alaska.gov

Notice of Application for State Water Quality Certification

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act (CWA) of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the CWA, the Alaska Water Quality Standards, and other applicable State laws.

Notice is hereby given that a request for a CWA §401 Water Quality Certification of a Department of the Army Permit application, Corps' Reference Number **POA-2003-00053-M2, Norton Sound** has been received for the discharge of dredged and/or fill materials into waters of the United States (WOUS), including wetlands, as described in the Corps public notice and project figures/drawings (18 AAC 15.180).

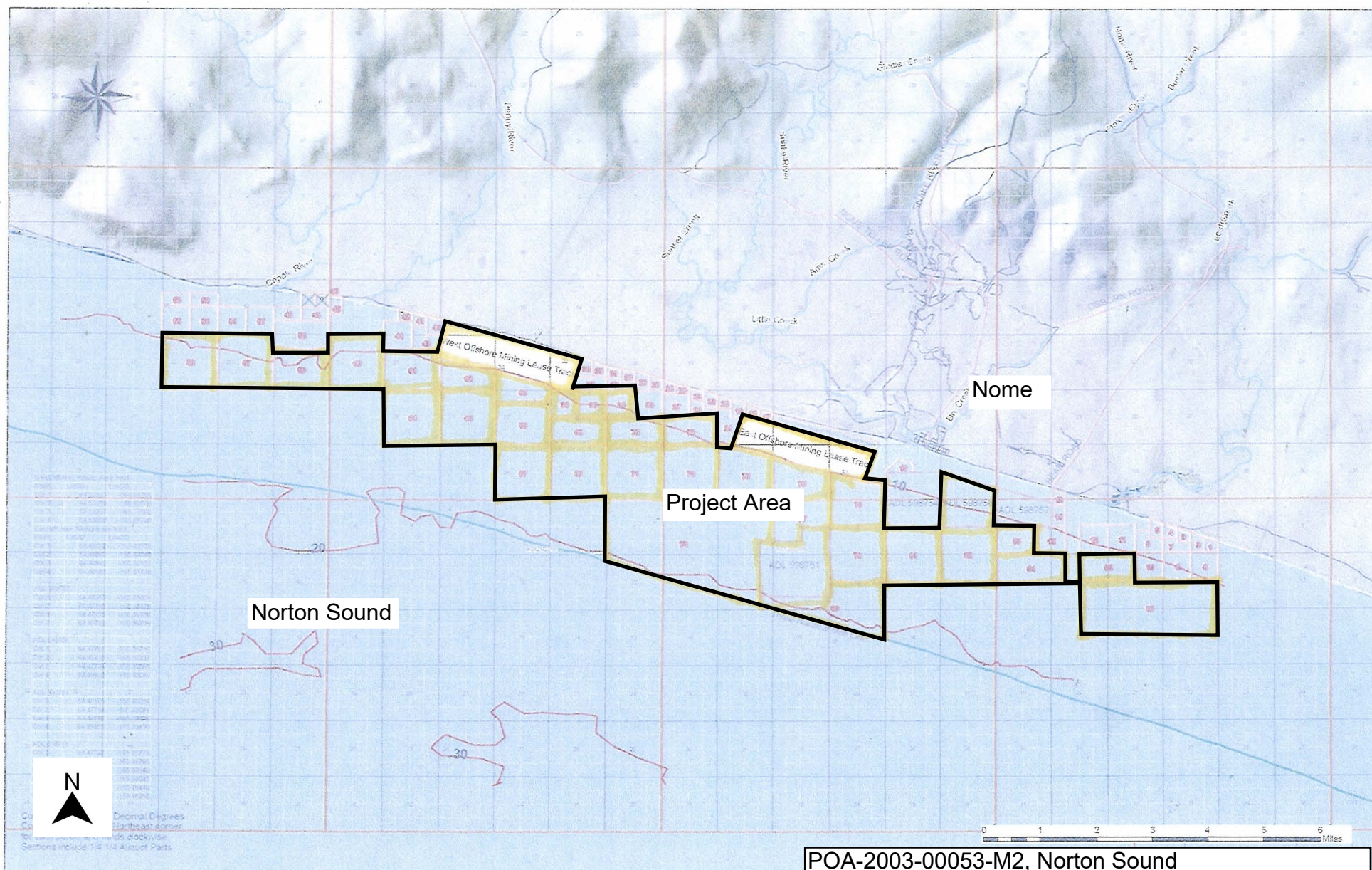
Any person desiring to comment on the project with respect to water quality, may submit comments electronically via email to DEC-401cert@alaska.gov by the expiration date of the Corps of Engineer's public notice. All comments need to include the Corps public notice reference number in the subject heading. Physically mailed comments must be postmarked on or before the expiration date of the public notice.

After reviewing the application, the Department may certify there is reasonable assurance the activity, and any discharge that might result, will comply with the CWA, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

The permit application and associated documents are available for review. For inquiries or to request copies of the documents, contact dec-401cert@alaska.gov, or call 907-269-6285.

Disability Reasonable Accommodation Notice

The State of Alaska, Department of Environmental Conservation complies with Title II of the Americans with Disabilities Act (ADA) of 1990. If you are a person with a disability who may need special accommodation in order to participate in this public process, please contact ADA Coordinator Brian Blessington at 907-269-6272 or TDD Relay Service 1-800-770-8973/TTY or dial 711 within 5 days of the expiration date of this public notice to ensure that any necessary accommodations can be provided.



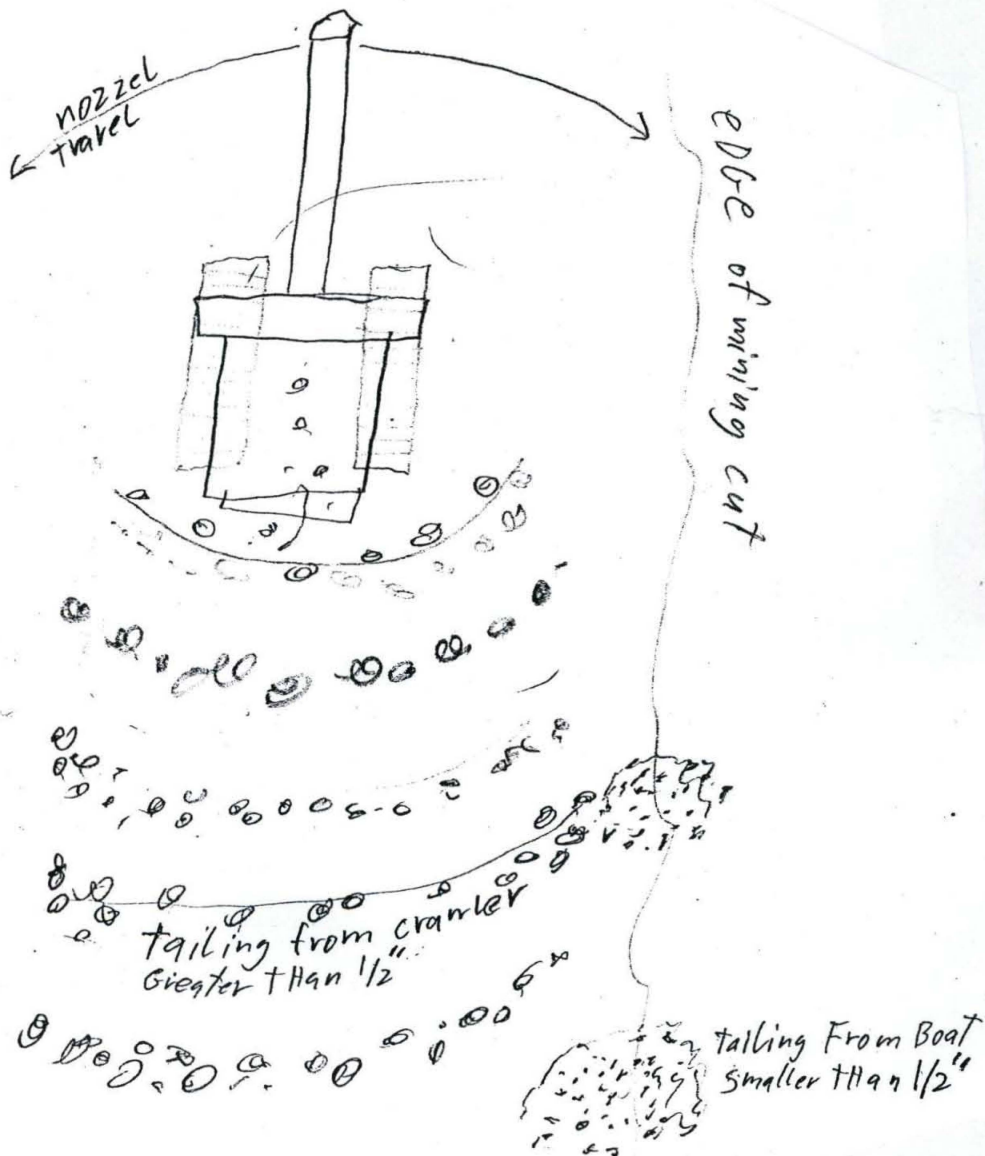
ADL Parcel numbers: 598756, 598751, 603933, 603886, 603891, 603819, 603921, 603923, 17867, 603906, 603907, 603909, 603910, 603911, 603912, 603913, 603914, 603916, 603917, 603918, 603920, 603922, 603924, 603925, 603926, 603927, 603928, 603929, 603930, 603931, 603932, 603934, 603935, 603936, 603890

POA-2003-00053-M2, Norton Sound
 Permittee: Mr. Craig Coggins
 Location: State of Alaska 2011 Offshore Lease Tracts
 & ADL parcels
 P 1 of 3
 VICINITY MAP

March 3, 2022

Tailings Deposition Pattern View from Above

50'



POA-2003-00053-M2, Norton Sound

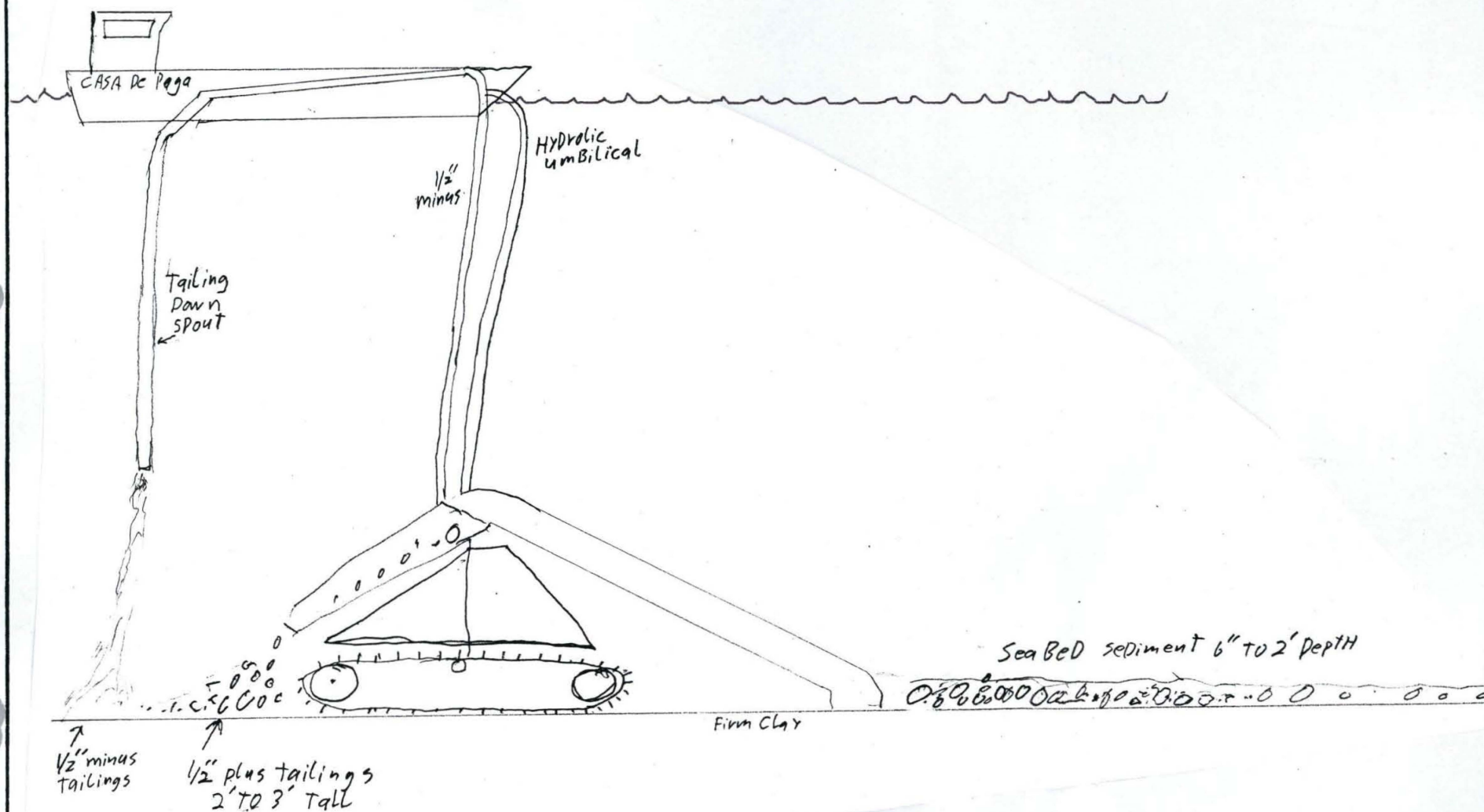
Permittee: Mr. Craig Coggins

Location: State of Alaska 2011 Offshore Lease Tracts & ADL parcels

Page 2 of 3

March 3, 2022

PLAN VIEW OF DREDGE OPERATIONS



POA-2003-53- M2 Norton Sound
Craig Coggins
Suction Dredge offshore from Nome
Dredge operation, side view
Sheet 3 of 3 March 3, 2022?

U.S. Army Corps of Engineers (USACE) APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT 33 CFR 325. The proponent agency is CECW-CO-R.		Form Approved - OMB No. 0710-0003 Expires: 02-28-2022	
The public reporting burden for this collection of information, OMB Control Number 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil . Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR APPLICATION TO THE ABOVE EMAIL.			
PRIVACY ACT STATEMENT			
Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: http://dpcl.dod.mil/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx			
(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)			
1. APPLICATION NO. POA-2003-00053-M2	2. FIELD OFFICE CODE CEPOA-RD-NS	3. DATE RECEIVED 01/23/2022	4. DATE APPLICATION COMPLETE 02/25/2022
(ITEMS BELOW TO BE FILLED BY APPLICANT)			
5. APPLICANT'S NAME First - Craig Middle - C Last - Coggins Company - Cape Nome Mining E-mail Address - CogginsACAK@gmail.com		8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - N/A Middle - Last - Company - E-mail Address -	
6. APPLICANT'S ADDRESS: Address- P.O. 1435 City - Nome State - AK Zip - 99762 Country - USA		9. AGENT'S ADDRESS: Address- N/A City - State - Zip - Country -	
7. APPLICANT'S PHONE NOS. w/AREA CODE a. Residence 907-299-4292 b. Business c. Fax		10. AGENTS PHONE NOS. w/AREA CODE a. Residence N/A b. Business c. Fax	
STATEMENT OF AUTHORIZATION			
11. I hereby authorize, <u>N/A</u> to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application. <div style="text-align: center; margin-top: 20px;"> SIGNATURE OF APPLICANT </div> <div style="text-align: center; margin-top: 10px;"> 1/23/2022 DATE </div>			
NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY			
12. PROJECT NAME OR TITLE (see instructions) Norton Sound 20"			
13. NAME OF WATERBODY, IF KNOWN (if applicable) Norton Sound		14. PROJECT STREET ADDRESS (if applicable) Address N/A City - State - Zip -	
15. LOCATION OF PROJECT Latitude: -N See enclosed sheets Longitude: -W		City - State - Zip -	
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) State Tax Parcel ID Municipality See enclosed sheets Section - Township - Range -			

17. DIRECTIONS TO THE SITE

OFF Shore of Nome, Norton Sound

18. Nature of Activity (Description of project, include all features)

Dredge for gold

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

Produce Gold

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Associated with sluicing for gold

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type Amount in Cubic Yards	Type Amount in Cubic Yards	Type Amount in Cubic Yards
Seq bed sediment, 250 cy/day		

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres
or
Linear Feet

up to 15 acres per year

23. Description of Avoidance, Minimization, and Compensation (see instructions)

See enclosed sheets

24. Is Any Portion of the Work Already Complete? ☒ Yes ☐ No IF YES, DESCRIBE THE COMPLETED WORK

Yes, continuing of on going project and Lease

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list)

a. Address-

see enclosed sheets

City -

State -

Zip -

b. Address-

City -

State -

Zip -

c. Address-

City -

State -

Zip -

d. Address-

City -

State -

Zip -

e. Address-

City -

State -

Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
<i>AK. Dept. Nat. Rec.</i>	<i>APMA</i>	<i>#9700,2491,2403</i>			
<i>ADEC</i>	<i>NPDES</i>	<i>AK-005331-7</i>			

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

Craig Loggins
SIGNATURE OF APPLICANT

1/23/2022
DATE

SIGNATURE OF AGENT

DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

Mine Plan Narrative

This mining operation is a continuation of mining from 2004-2021. This narrative is for a multiyear Army Corps 2022-2026 permit. Our mining method employs a 20" suction dredge mounted on an underwater track crawler. The gravel and cobble is classified to 11/16 on the crawler. The 11/16 plus material is returned to the sea floor. This generates 2'to3' tailings rows. Much of the sea life attached to the rocks survive this process and recolonized fairly quickly. We have documented this with before and after and annual recurrent video graphic of mined areas. We have established annual recurrent survey sites for 2005-2021. Annual video surveys of these sites show good recolonization in 3 years, by 5 years mining disturbance is difficult to discern. The 11/16 minus gravel is pumped to the boat, sluiced and returned to the sea floor. The 11/16 minus tailings leaving the sluice are directed downward through a 8" hose 20' to 30" below the vessel, This greatly reduces turbidity and turbidity plum area.

The volume of material processed is approximately 20 cubic yards per hour, with approximately 8 to 10 pumped to the vessel. The recovery is simple sluicing. No chemicals will be used.

The support vessel is a 66' x 20' LCM landing craft. It is anchored on a four way anchor system while operating. Site access is from the Nome Harbor.

Reclamation will be conducted concurrently with mining. All dredged materials will be discharged in approximately the same areas they were removed from. Because of the shallow nature of the sea sediment to clay bottom and the constant forward movement of the crawler and the vessel , large tailing piles are not generated. Tidal and storm wave action quickly level tailing piles.

Craig Loggins

1/23/2022

Mitigation Statement

AVOID:

Boulder Ridge areas are left undisturbed as they are too difficult to dredge. They become islands of undisturbed bottom habitat.

The shortness of the season (approximately 70 days), rough weather and the size of our machine limit our foot print to 15 acres or less per year.

MINIMIZE:

Our operation uses a tailings downspout (see attached drawing.) It has proven very effective at minimizing our turbidity plume. By lowering the discharge of the ½" tailings, it reduces the area impacted by silt and turbidity.

The average depth of the seabed material is 6" to 24" to the clay substrate. The clay is left undisturbed. This shallow material generates low tailing ridges 2' to 3' behind the crawler. The ½" minus tailing from the boat are deposited along the edge of the crawler ridges. Storms soon level and redistribute the ½" tailings from the boat. The video surveys that I have done since 2005 show that 2 to 3 years after mining the tailing ridges are leveled and recolonization is well under way. Most of this data is from 40'.

MITIGATE:

Based on my annual video graphic surveys showing recolonization of areas mined between 2005 and 2021, I believe that impacts should be considered temporary. The avoidance and minimization efforts we have been using, in my judgment reduce environmental impacts to the point where they are so small as to be considered negligible.

Location of Project
Norton Sound

ADL#

598756,598751,603933,603886,603891,603819,603921,603923,17867,603906,603907,603909
,603910,603911,603912,603913,603914,603916,603917,603918,603920,603922,603924,6039
25,603926,603927,603928,603929,603930,603931,603932,603934,603935,603936,603890

Mineral Property Owners

ADL#598756

Craig Coggins
P.O. Box 143
Nome, AK 99762
Home 907-442-2487
Cell 907-299-4292
Email: Nomeyurt@wildblue.net

ADL#598751

Mike Benchoff
P.O.Box 322
Nome, AK 99762
Email: underminer@gci.net
Cell: 907 304 2350

ADL# 603933,603886,603891,603919,603921,603923

Solomon Gold Inc.
11401 Olive Lane
Anchorage Ak. 99515
Email: sshimek@alaskaearthsciences.com
907-522-4664
907-349-3557

ADL# 17867

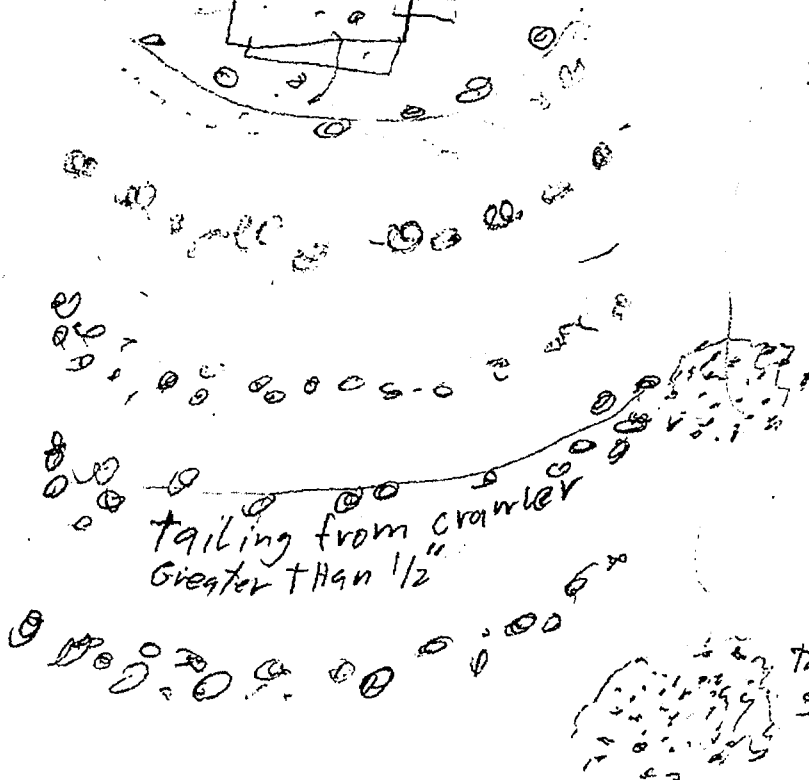
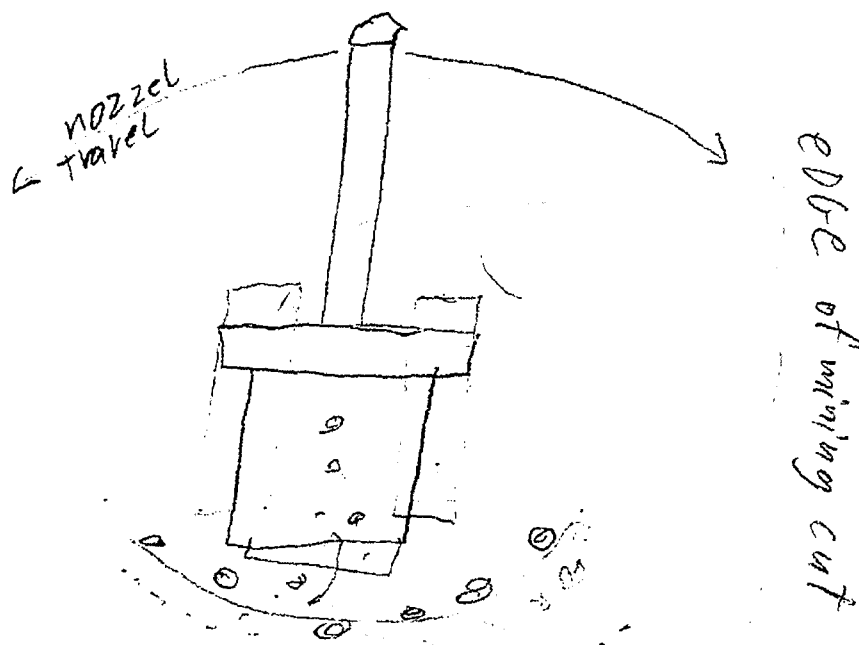
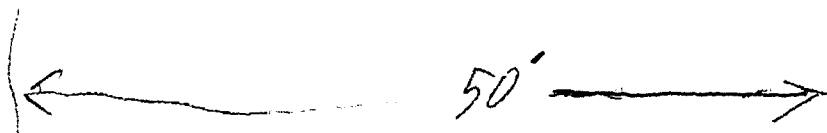
Pioneer Marine Mining	Bering Subsea Mining, LLC
449 Washington Road	P.O. box 1274
Sayreville, NJ. 08872-1939	Nome, AK. 99513
732-882-5810	

ADL#603906,603907,603909,603910,603911,603912,603913,603914,603916,603917,603918,
603920,603922,603924,603925,603926,603927,603928,603929,603930,603931,603932,
603934,603935,603936
Placer Marine Mining, LLC
6300S. Syracuse Way, Centennial, Colorado, 80111

ADL#603890

Craig Coggins	Shawn Pomrenke
P.O. 1435	P.O. 629
Nome, AK. 99762	Nome, AK. 99762

Tailings Deposition Pattern View from Above



Adjoining Property Owners

Placer Marine Mining,LLC
6300 S.Syracuse Way
Centennial ,Colorado 80111

Arron Gustafson
4069 S. Kendall
Flagstaff AZ. 86001

Pioneer Marine Mining
449 Washington Road
Sayreville,NJ. 08872-1939

Arctic Sea Mining,LLC
P.O. 5113
Eagle,CO. 81631

Bering Subsea Mining
P.O. 1274
Nome,AK.99762

Solomon Gold Inc.
11401 Olive Lane
Anchorage,AK.99515

Mike Benchoff
P.O. 322
Nome AK. 99762

Craig Coggins
P.O. 1435
Nome AK.99762

Shawn Pomrenke
P.O.629
Nome,AK. 99762

Douglas and Judy Martinson
P.O.52
Nome,AK.99762

David E. Peirce
Bluewater Gold
538 Woodland Circle
Lebanon,PA.17042

Derrick J. McLarty
10512 N.E. 22nd Place
Vancouver WA.98686

