

STATE OF ALASKA
Application for Permits to Mine in Alaska (APMA)

Single Year Multi-year Start: Jan/1/2022 Finish: Dec/31/2026 APMA Number (A/F/J, Year, ****) 9520

What type activity are you planning to perform? *REQUIRED (1) <input type="checkbox"/> Exploration/Reclamation <input type="checkbox"/> Mining/Reclamation <input type="checkbox"/> Hardrock Exploration/Reclamat	Surface estate of mineral properties: *REQUIRED (2) <input checked="" type="checkbox"/> State (General) <input type="checkbox"/> Private (Patented) <input type="checkbox"/> Private (Native Corp.)
<input type="checkbox"/> Access Equipment <input checked="" type="checkbox"/> Suction Dredge <input type="checkbox"/> Reclamation	<input type="checkbox"/> State (Mental Health) <input type="checkbox"/> Federal <input type="checkbox"/> City or Borough

Check All That Apply: Mineral Property Owner Lessee Operator ***Required (3)**

Name: Shawn Pomrenke Primary Phone Number: (907)304-1199

Address: P.O. box 2005 Secondary Phone Number: same
Nome, AK 99762 Email: smpomrenke@yahoo.com

If Applicable, Corporation Name: Northwest Goldiggers Alaska Business/Corporation Entity# 45-2635562
 Registered Agent (Corp./LLC/LP) LLC [Click here for the Department of Commerce Link](#)

Check All That Apply: Mineral Property Owner Lessee Operator ***Required RECEIVED (4)**

Name: _____ Primary Phone Number: _____ MAY 06 2022

Address: _____ Secondary Phone Number: _____
 Email: _____

If Applicable, Corporation Name: _____ Alaska Business/Corporation Entity# _____
 Registered Agent (Corp./LLC/LP) _____

Check All That Apply: Mineral Property Owner Lessee Operator ***Required (5)**

Name: _____ Primary Phone Number: _____

Address: _____ Secondary Phone Number: _____
 Email: _____

If Applicable, Corporation Name: _____ Alaska Business/Corporation Entity# _____
 Registered Agent (Corp./LLC/LP) _____

Check All That Apply: Mineral Property Owner Lessee Operator ***Required (6)**

Name: _____ Primary Phone Number: _____

Address: _____ Secondary Phone Number: _____
 Email: _____

If Applicable, Corporation Name: _____ Alaska Business/Corporation Entity# _____
 Registered Agent (Corp./LLC/LP) _____ Attach a separate sheet for additional contacts

Project Name If Applicable: (7) <u>Nome Offshore Dredging</u>	Average Number of Workers: *REQUIRED (8) <u>6</u>	Start-Up/Shut Down: (Month/Day) (9) <u>jan 1 to nov 30</u>
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Mining District: *REQUIRED (10) <u>Nome</u>	Applicable USGS Map: *REQUIRED (11) <u>Nome B-2 B-1, C-1, C-2</u>	On What Stream Is This Activity? (12) <u>Norton Sound</u>
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Legal Description of mineral properties to be worked (MTRS) ***REQUIRED (13)**
 Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21 see attached Exhibit A

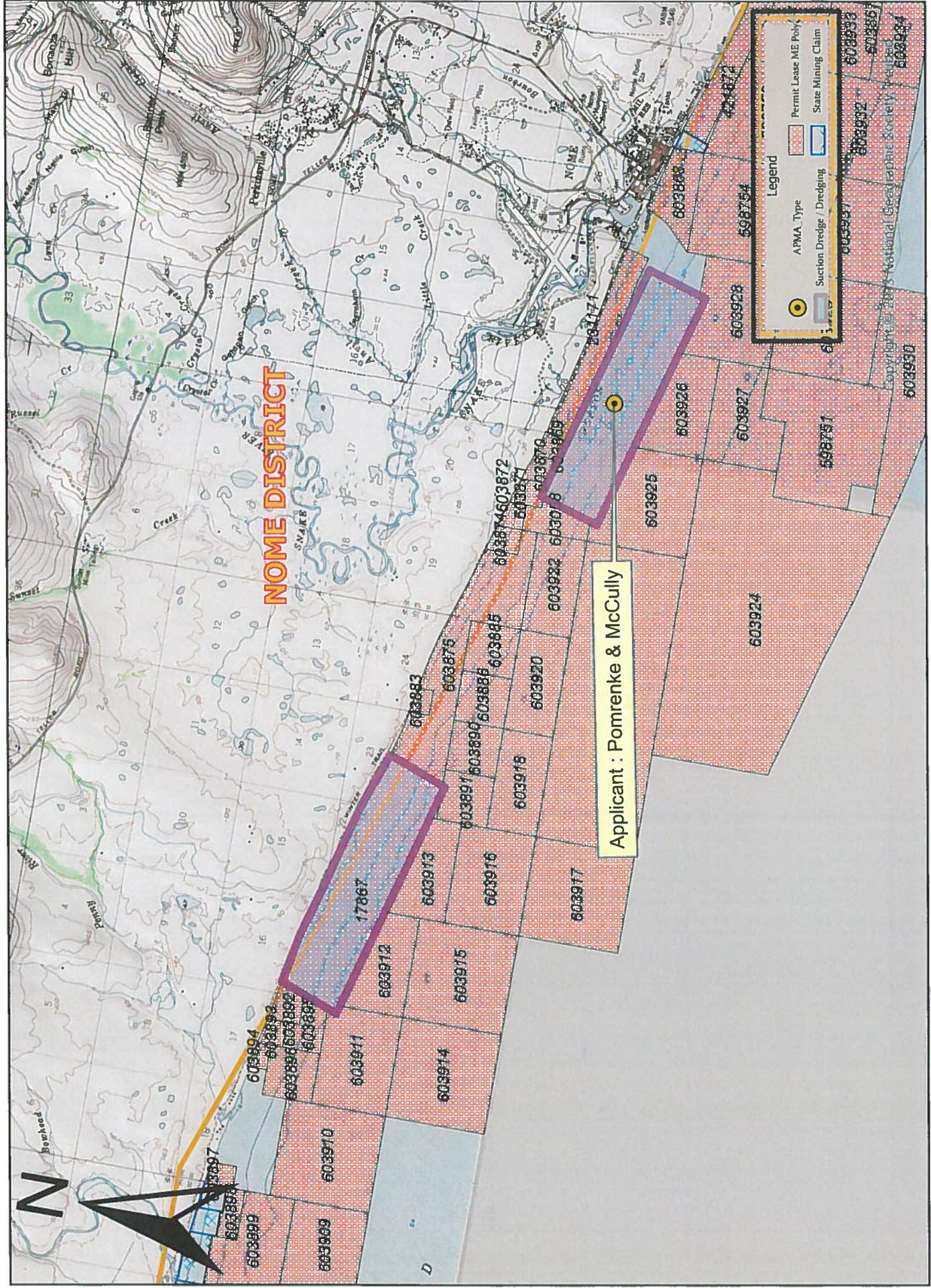
K115 R34W secs 27-29, 32-34
K115 R35W secs 16, 20-23

Internal Use Only:

Date Application Received Complete: 5/16/22 Adjudicator: AK LAS Entry: _____

CID(s): _____ CID(s): _____ CID(s): _____

APMA 9520 Active Area



Center: 165°34'31"W 64°30'48"N

5/18/2022

MINERAL PROPERTIES LIST

(14)

If requesting more than 12 claims, Are additional sheets with ADL/BLM/USMS and Legal Descriptions Attached? Yes No
 Are any of these mineral properties an Upland or Offshore Mining Lease? Yes No

	ADL/BLM/USMS #	PROPERTY NAME		ADL/BLM/USMS #	PROPERTY NAME
1.	ADL17867	East Tract	7.		
2.	ADL17867	West Tract	8.		
3.			9.		
4.			10.		
5.			11.		
6.			12.		

INVENTORY OF EQUIPMENT

(15)

List all mechanized equipment to be used (make, model, type, size, purpose, and number of each, including pumps). Attach additional sheets as necessary. If you are transporting on a trailer to the claim block, include the trailer size.

Check One:

	Make, Model, Type, Size, Purpose of Equipment or Pump	Quantity of this type	Located on the claim block?	Transporting to claim block?
1.	Caterpillar 320 used to feed the wash plant Equipment. Christine Rose	1		✓
2.	Jhon deer pump 96hp 8x6 feed water to wash plant pump. Christine Rose	1		✓
3.	Perkins 127hp water pump 8x6 water for suction. Havilah	1		✓
4.				
5.				
6.				
7.				
8.				

ACCESS OUTSIDE OF CLAIM BLOCK

(16)

Access across surface estates not owned by the State requires approval of the managing agency. It is the responsibility of the applicant to contact the owners of private property to obtain authorization for access.

All season roads may be an improved dirt road intended to be used during all seasons of the year without causing long term damage to the road. NOTE: It is strongly recommended that you contact the appropriate Regional Land Office as certain roads are subject to Generally Allowed Uses, and authorization (permit or easement) may be required for use of the route with off-road vehicles greater than 1500 lbs curb weight (like mining equipment).

A completed access map must be submitted with your application. Copies of USGS topographic maps at a scale of 1"=1 mile must clearly indicate the proposed access route from start to finish and include appropriate legal descriptions (township and range) on each map sheet. The quadrangle map name should also be indicated (Healy A-3, etc.). Paper size should be limited to 8 1/2" x 11". Do not tape maps together.

Is a complete route map attached, including winter cross country travel if applicable? Yes No

Access is: Existing To be constructed off claim block Both, or Helicopter Supported

Access outside the claim block crosses what type of land(s)? State (General) State (Mental Health)
 City/Borough Federal Private Private (Patented) Private (Native Corp. Land)

Does the proposed route of travel include use of RS 2477 access? Yes No.

If the RS 2477 ROW has a State of Alaska RST number, please list: _____

MV_PERMIT_LEASE_ME

Source: Alaska Department of Natural Resources, Information Resource Management

Case ID	Case Status	Case Type Description	Case Type	Customer Name
ADL 17867	Issued (35)	Offshore Lease Non-Comp (723)	OFS LEASE	Pomrenke Shawn
ADL 17867	Issued (35)	Offshore Lease Non-Comp (723)	OFS LEASE	Pomrenke Shawn

END OF REPORT

Report Information

Source ID 107
Source Name MV_PERMIT_LEASE_ME
Source Description
Run Date and Time 05/18/2022 10:11:28 AKDT
Record Count 2

SQL Statement

SELECT

MINING METHOD

(20)

Mechanical Placer Mining (e.g., terrestrial open-cut operations with dozer or excavator, etc.)

Estimated cubic yards processed annually: _____

Suction dredge Mechanical dredge (e.g., excavator or clam-shell)

Northwest Gold Diggers

List all suction and mechanical dredges. If information is not applicable, write "N/A." Attach extra sheet if necessary.

	Dredge 1		Dredge 2		Dredge 3	
Vessel ID (Name or Number)	Christine Rose		Havilah			
Vessel Dimensions	24'x80'		50'x16			
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches: 8x6	HP: 96	Inches: 8x6	HP: 1237	Inches:	HP:
Mechanical Dredge Bucket Volume	Cubic Yards: 5/8		Cubic Yards: N/A		Cubic Yards:	
Processing Rate	Yds. ³ /Hr.: 40		Yds. ³ /Hr.: 10		Yds. ³ /Hr.:	
Wastewater Discharge Rate	GPM: 1400		GPM: 1500		GPM:	
Maximum Water Depth	Feet: 24		Feet: 30		Feet:	
Average Daily Operating Hours	22		12			
Operation on Sea Ice (Yes/No)	Yes <input type="checkbox"/> / No <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> / No <input type="checkbox"/>		Yes <input type="checkbox"/> / No <input type="checkbox"/>	
Vessel Registration # / State	#: 175265	State: AK	#: 9017-AM	State: AK	#:	State:

Location: Offshore / Salt Water Pond connected to stream
 Stream Pond isolated from stream
 Mine cut isolated from stream

EXPLORATION TRENCHING and DRILLING

(21)

(Indicate target and trenching locations on sketch sheet and/or topographic map)

Trenching: Yes No

Estimated number of trenches to be excavated: _____ How long will trenches be open? _____

Average Size: Length: _____ Feet Width: _____ Feet Depth: _____ Feet

Drilling: Yes No

Total Number of Holes To Be Drilled: _____ Type of Drill(s) Used: _____

Estimated Maximum Depth: _____ Feet Diameter of Drill Rod/Casing Rod _____ (NQ/HQ/H, Etc.).

Will water be used? Yes No Indicate how many pumps per water source: _____

Water source name(s): _____

Describe detailed drill plan, closure, plugging methodology, reclamation and abandonment in project narrative.

Trench/Drilling Location and Mining Claim Information			
Trench/Drill ID on Map	ADL/BLM/USMS NUMBER	Decimal Degrees, NAD 83 Datum	
		Latitude	Longitude (approximate)

If more than 8 trenches/drill sites, please provide data in tabular format (http://dnr.alaska.gov/mlw/forms/19apma/AHEA_ReclamationSpreadsheet.xls.)

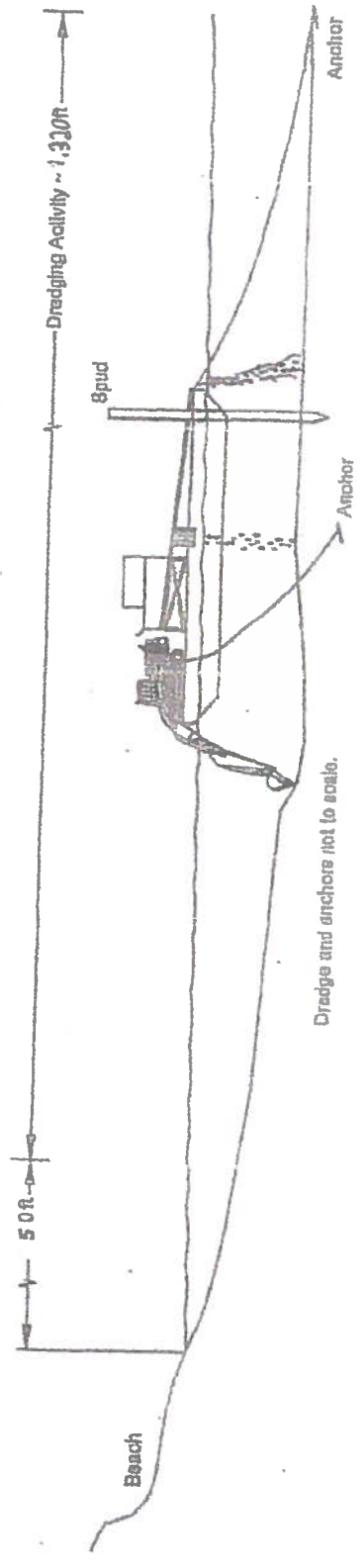
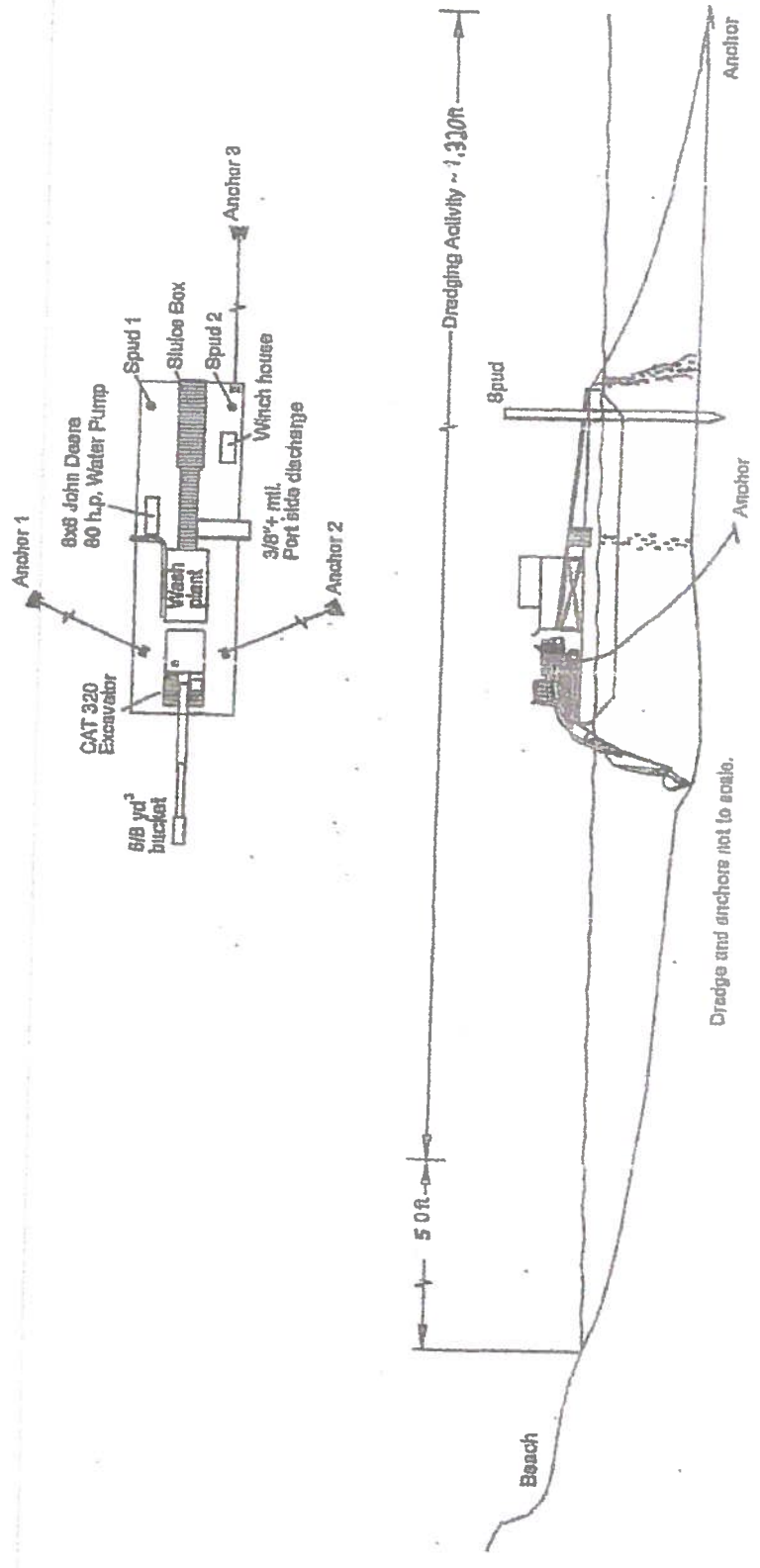
Figure 2. Mine and Reclamation Plan

Northwest Gold Diggers

Gold Diggers Offshore Dredging Project

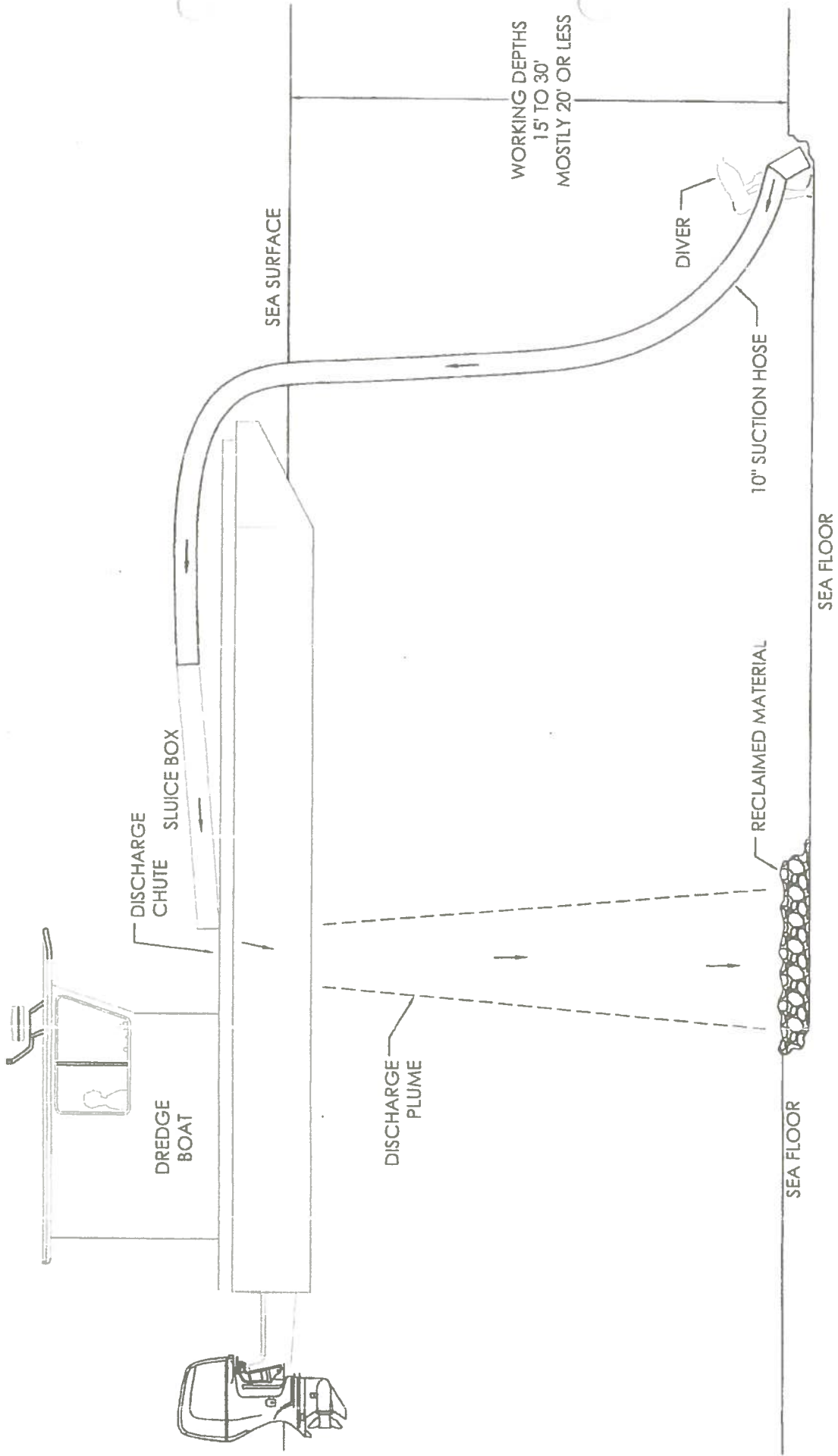
Nome Mining District

Mine and Reclamation Plan: The dredge consists of a CAT 320 excavator mounted on a 24'x80' barge. The excavator will feed a conventional washplant with a 5/8 cubic yard bucket. Production rate is variable but will average 8-10 cubic yards per hour. Material will be screened to minus 3/4 inch. Oversize tailings will be discharged over the port side, fine tailings over the stern of the barge, to reclaim the disturbed area concurrently with mining.



SUCTION DREDGE OPERATION & RECLAMATION DIAGRAM

NOT TO SCALE



NOTICE OF OPERATOR AUTHORIZATION -- STATE MINERAL LOCATIONS

All operators or lease holders submitting APMAs for operations on State mineral locations must submit a "Notice of Authorization" from the owner of record. This notice of authorization must name the operator and leaseholder (if different), the claims(s) by Name and ADL number(s), and the time frame (beginning and ending dates) for which the authorization remains in force. The Division of Mining, Land & Water will not issue any mining permits until we receive this Notice of Authorization. **Please include it with your APMA.**

OPERATOR AUTHORIZATION

I, Shawn Pomrenke, OWNER of state claim(s) :

<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>
<u>east & west tract</u>	<u>17867</u>				

(Attach additional sheet if necessary)

Have authorized Northwest Goldiggers LLC

Address of Operator P.O. Box 2005

to operate on these claims from 11/1/2022 to 12/31/2026

Owner's Signature A. Paul Date 5-6-2022


NOTARY

Subscribed and sworn to before me this 6th day of May, 2022

For (owner)

(Signature of Notary) [Signature]

My commission expires: With Office



OR (If the LESSEE and OPERATOR are not the same, both sections must be completed)

I, _____, LESSEE of state claim(s) :

<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>

(Attach additional sheet if necessary)

have authorized _____ to operate on these claims from ____ / ____ / ____ to ____ / ____ / ____.

Lessee's Signature _____ Date _____

Lessee's Address _____

NOTARY:

Subscribed and sworn to before me this ____ day of _____, 20 ____.

For (Lessee)

(Signature of Notary) _____

My commission expires:

PLACER/SUCTION DREDGE NARRATIVE *REQUIRED

(32)

A narrative of the operation is required. Please use this space to describe the access, mining process, environmental protection measures and reclamation measures to be used for the duration of this permit. Use multiple sheets if necessary.

DESCRIBE ACCESS, PERSONNEL HOUSING AND CAMP LAYOUT:

N/A

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

Christine Rose will use a 320 excavator mounted on a 24'x80' barge. the excavator will feed the wash plant with a 5/8 yard bucket. Production rate is variable but will average 40 cubic yards a hour and material will be screened to 3/8"minus. Over sized tailings will be discharged though the center of the barge behind the excavator the fines will be sluiced then discharged out the back of the barge. To reclaim the disturbed area concurrently with mining.

Havilah is a 10" suction dredge that will use a 10" suction hose to suck sediment off the ocean floor and processed and then returned to the cut concurrently with mining.

DESCRIBE PLANNED RECLAMATION MEASURES INCLUDING TIMELINE FOR RECLAMATION TO TAKE PLACE:

Reclamation will be done concurrently with mining tailings will be disturbed back into the cut where mining active is done, and are actuly distributed from steam action.

DISCUSS WATER MANAGEMENT PLANS, INCLUDING USE, SOURCE, QUANTITY AND SURFACE WATER/ EROSION MANAGMENT PLAN:

N/A

DISCUSS FUEL STORAGE, HANDLING, AND SPILL PREVENTION AND RESPONSE PLANS:

fule storage on the vessels is under 1000gals all vessels have spill response equipment on board, oil boom, diapers etc.

DISCUSS HOW THE OPERATION WILL AVOID/MITIGATE POTENTIAL IMPACTS TO FISH, WILDLIFE AND CULTURAL RESOURCES:

All mining activity will stop if crab or fish are encountered.

STATE OF ALASKA
Application for Permits to Mine in Alaska (APMA)

Single Year Multi-year Start: jan 1 2022 Finish: dec 30 2026 APMA Number (A/F/J, Year, ****) 9520

What type activity are you planning to perform? <small>*REQUIRED</small> (1) <input type="checkbox"/> Exploration/Reclamation <input type="checkbox"/> Access Equipment <input type="checkbox"/> Mining/Reclamation <input checked="" type="checkbox"/> Suction Dredge <input type="checkbox"/> Hardrock Exploration/Reclamat <input type="checkbox"/> Reclamation	Surface estate of mineral properties: <small>*REQUIRED</small> (2) <input checked="" type="checkbox"/> State (General) <input type="checkbox"/> State (Mental Health) <input checked="" type="checkbox"/> Private (Patented) <input type="checkbox"/> Federal <input type="checkbox"/> Private (Native Corp.) <input type="checkbox"/> City or Borough
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RECEIVED

Check All That Apply: Mineral Property Owner Lessee Operator *Required (3)

Name: David McCully Primary Phone Number: 604 330 4204 MAR 13 2022

Address: 301 prospect Nome Alaska Secondary Phone Number: 907 434 0813

Box 1274 Email: goldennome@yahoo.com

If Applicable, Corporation Name: Bering Subsea Mining llc Alaska Business/Corporation Entity# 104914

Registered Agent (Corp./LLC/LP) Donald Beaty [Click here for the Department of Commerce Link](#)

Check All That Apply: Mineral Property Owner Lessee Operator *Required (4)

Name: Powrenke Primary Phone Number: 320 630 7260

Address: Box 2005 Secondary Phone Number: _____

Nome AK 99762 Email: _____

If Applicable, Corporation Name: North West Gold Diggers Alaska Business/Corporation Entity# _____

Registered Agent (Corp./LLC/LP) _____

Check All That Apply: Mineral Property Owner Lessee Operator *Required (5)

Name: _____ Primary Phone Number: _____

Address: _____ Secondary Phone Number: _____

Email: _____

If Applicable, Corporation Name: _____ Alaska Business/Corporation Entity# _____

Registered Agent (Corp./LLC/LP) _____

Check All That Apply: Mineral Property Owner Lessee Operator *Required (6)

Name: _____ Primary Phone Number: _____

Address: _____ Secondary Phone Number: _____

Email: _____

If Applicable, Corporation Name: _____ Alaska Business/Corporation Entity# _____

Registered Agent (Corp./LLC/LP) _____ Attach a separate sheet for additional contacts

Project Name If Applicable: (7)	Average Number of Workers: <small>*REQUIRED</small> (8)	Start-Up/Shut Down: (Month/Day) (9)
	8	<u>jan 15</u> to <u>nov 15</u>

Mining District: <small>*REQUIRED</small> (10)	Applicable USGS Map: <small>*REQUIRED</small> (11)	On What Stream Is This Activity? (12)
Cape Nome	nome B1, C1, B2, C2	Norton Sound

Legal Description of mineral properties to be worked (MTRS) *REQUIRED (13)

Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21

Cape Nome: Kateel river Twn: 11 south Rng: 34 west Sec (s) 27,28,29,32,33,34 Cape Nome: Kateel River Twn 11 South: Rng: 35 Sec (s) 16,20,21,22,23

~~Cape Nome: Kateel River Twn 11 South Rng 36 west Sec (s) 13,13,13,13 Cape Nome: Kateel River Twn 11 South: Rng: 14,14,14,14~~

Internal Use Only:

Date Application Received Complete: _____ Adjudicator: _____ LAS Entry: _____

CID(s): _____ CID(s): _____ CID(s): _____

MINERAL PROPERTIES LIST

(14)

If requesting more than 12 claims, Are additional sheets with ADL/BLM/USMS and Legal Descriptions Attached? Yes No
 Are any of these mineral properties an Upland or Offshore Mining Lease? Yes No

	ADL/BLM/USMS #	PROPERTY NAME		ADL/BLM/USMS #	PROPERTY NAME
1.	17867	east and west	7.	656791	fresh water
2.	656761	freshwater	8.	656792	fresh water
3.	656762	fresh water	9.	656793	fresh water
4.	656763	fresh water	10.		
5.	656764	fresh water	11.		
6.	656765	fresh water	12.		

INVENTORY OF EQUIPMENT

(15)

List all mechanized equipment to be used (make, model, type, size, purpose, and number of each, including pumps). Attach additional sheets as necessary. If you are transporting on a trailer to the claim block, include the trailer size.

Check One:

	Make, Model, Type, Size, Purpose of Equipment or Pump	Quantity of this type	Located on the claim block?	Transporting to claim block?
1.	50 X 16 Ten inch suction dredge 120 hp pump Vessle Norpac	1	✓	
2.	40 x14 Ten inch suction dredge 120 hp pump Vessle Tahta	1	✓	
3.	30 x 8 8 inch suction dredge 80 hp pump	1	✓	
4.				
5.				
6.				
7.				
8.				

ACCESS OUTSIDE OF CLAIM BLOCK

(16)

Access across surface estates not owned by the State requires approval of the managing agency. It is the responsibility of the applicant to contact the owners of private property to obtain authorization for access.

All season roads may be an improved dirt road intended to be used during all seasons of the year without causing long term damage to the road. NOTE: It is strongly recommended that you contact the appropriate Regional Land Office as certain roads are subject to Generally Allowed Uses, and authorization (permit or easement) may be required for use of the route with off-road vehicles greater than 1500 lbs curb weight (like mining equipment).

A completed access map must be submitted with your application. Copies of USGS topographic maps at a scale of 1"=1 mile must clearly indicate the proposed access route from start to finish and include appropriate legal descriptions (township and range) on each map sheet. The quadrangle map name should also be indicated (Healy A-3, etc.). Paper size should be limited to 8 1/2" x 11". Do not tape maps together.

Is a complete route map attached, including winter cross country travel if applicable? Yes No

Access is: Existing To be constructed off claim block Both, or Helicopter Supported

Access outside the claim block crosses what type of land(s)? State (General) State (Mental Health)
 City/Borough Federal Private Private (Patented) Private (Native Corp. Land)

Does the proposed route of travel include use of RS 2477 access? Yes No.

If the RS 2477 ROW has a State of Alaska RST number, please list: _____

ACCESS OUTSIDE OF CLAIM BLOCK, CONTINUED

Indicate type(s) of existing access:

- All Season Road: _____
- Summer Cross Country Travel off of claim block that is not considered Generally Allowed Uses (Complete Box 17)
- Airstrip
- River
- Winter Cross Country Travel that is not generally allowed use (Complete Box17)

Indicate type(s) of access to be constructed:

- Access Road
- Airstrip

Please describe your construction activities and include mitigation measures to protect water, fish and game resources.

(A map outlining the route of construction activities is required). Attach additional pages if necessary:

access is via Port of Nome over water

na

N/A

CROSS COUNTRY TRAVEL

(17)

Summer Cross Country Travel: Approvals for summer travel are issued from the DNR/DMLW Land section. Applications for LUPs may require sixty to ninety days to process and applications for easements may require six months to one year to process. A performance guarantee, insurance and fees are required before a permit will be issued and will only be released after travel is completed and no negative trail impacts have occurred.

Winter Cross Country Travel: May be approved when ground conditions will support the movement of heavy equipment. Existing roads and trails should be used whenever possible. The winter operation of ground contact vehicles for off-road travel must be limited to areas where ground frost and snow cover are adequate to prevent damage to the vegetation mat and underlying substrate. A completion report is required within 30 days of travel completion. Travel is generally not authorized after April 15th of each year (extensions may be granted as conditions allow).

A Cross Country Travel Route Map is required to obtain authorization. Is the map attached? Yes No

Name the individual(s) or business(es) who will be conducting the cross country travel:

List all equipment and vehicles being transported from box 14, including vehicle weights:

N/A

State the average total miles traveled in one round trip: _____. State the number of trips proposed: _____.

State the start and end date(s) or period(s) of proposed cross country travel: _____.

Select the following terrain type(s) that best describes your route of travel: Wetlands Tundra

Uplands Rivers or Other Water Bodies Wooded Areas (6" Trees or larger at breast height)

Will water be needed to construct ramps/ ice bridges? Yes No

If Yes, estimated quantity of water will be used _____ gallons/day WaterSource: _____

CROSS COUNTRY TRAVEL, CONTINUED

Are you transporting fuel? Yes No

The volume of fuel and hazardous substances to be used is the total volume (in gallons) to be carried on one vehicle and any trailers or sleds that vehicle is towing.

Maximum volume of fuel (in gallons) that is being transported by one vehicle and any trailers or sleds it is towing:

400 gallons

Are you transporting other hazardous substances? Yes No If "yes", indicate type and amount (e.g. gallons, lbs, psi):

How are petroleum products contained? (i.e., drums, bladders, steel tanks, etc.) Indicate size of containers:

400 gallon tanks constructed in the dredgeds

How are petroleum products being transported? (i.e., skid-mounted tank; trailer; 55 gallon drums on skid; etc.)

contained on the vessel or dredge

Do you have an Oil Discharge Prevention and Contingency Plan approved by the Alaska Department of Environmental Conservation? Yes No

Do you have either a trained spill response team or a contract with a spill response company? Yes No

Describe any measures you plan to take to minimize drips or spills from leaking equipment or vehicles:

na

Does your cross country travel include the staging or storage of equipment or structures off the claim block? Yes No

If Yes, describe the location and dimensions of the long term or short term parking and/or storage areas.

na

PETROLEUM PRODUCTS AT PROJECT SITE

(18)

Will Petroleum Products Be Stored on the Project Site?

0-1,320 gallons of total storage (Secondary Containment recommended, but not required)

1,321-10,000 gallons of total storage (count only containers greater than 55 gallon capacity). A self-certified Spill Prevention, Control, and Countermeasure (SPCC) plan is required and applies to all products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil. The self certified SPCC form can be downloaded at: <https://www.sfdph.org/dph/files/EHSdocs/ehsHMUPAdocs/TIERIQFSPCCPlan.pdf>.

BLM Operators are encouraged to use the optional BLM-Spill contingency plan that can be downloaded at: https://www.blm.gov/sites/blm.gov/files/BLM-AK_spill-contingency-plan_APMA_worksheetSup.pdf

10,000+ gallons of total storage (count only containers with 55 gallons or greater storage capacity). An SPCC certified by a professional engineer is required and applies to all oil products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil.

Indicate Distance Stored From Flowing Waters: water bodies required by DNR is 100 feet). _____ Feet. (Minimum distance from naturally occurring

Is waste oil stored on the project site? Yes No If yes, describe quantity and storage modality: _____

Are fuel containment berms around storage containers? Yes No Is berm area lined? Yes No

TEMPORARY STRUCTURES/FACILITIES

(19)

Is a camp or placement of any temporary structure requested? Yes No
 If No, Please explain: _____

Describe all temporary improvements (including buildings, tent platforms, out-buildings, etc., including thier quantity, dimensions and building type.

What type of property is the camp located on? State Federal Private (Patented) City or Borough MHTL
 If camp is on private land, provide location: _____

Proposed Perimeter Dimensions of Camp: _____ length (ft) _____ Width (feet).

Request use of existing facilities, list ADL(s): **N/A**
 Year-Round Seasonal, from Approx. _____ to _____, annually.

Request to place temporary structures, list ADL(s): _____
 Year-Round Seasonal, from Approx. _____ to _____, annually.

	Temporary New Structures Quantity	Existing Structure Quantity	Use (Shop, office, etc.)	Dimensions (ft x ft)	Dimensions (ft x ft)	Dimensions (ft x ft)
Framed						
Tent						
Trailer						
Platforms						
Out-Buildings						
Other:						

** If Required, list any other structures on a separate sheet, include dimensions, use and type.*

Grey water and Biological Waste - Describe storage and proposed method of disposal(e.g.; leach line, septic, holding tank, or pit privy):

Solid Waste - Describe the types of waste that will be generated on-site including garbage, scrap metal, industrial; and describe its disposal (e.g.; burn, haul away, buried).

What is the distance grey water, biological, and solid waste will be located from the ordinary high water mark of the nearest freshwater body (lake, stream, river, rivulet, etc.), or the mean high water mark of a saltwater body: _____ . Will there be any use of animals (horses, dogs, goats/sheep, etc)? Yes No

Required: Dismantle, Removal, and Restoration Plan: Provide a plan for dismantling and removing structures, equipment, and storage tanks. Include the method and timeline for restoration of all location areas.

MINING METHOD

(20)

Mechanical Placer Mining (e.g., terrestrial open-cut operations with dozer or excavator, etc.)

Estimated cubic yards processed annually: _____

Suction dredge Mechanical dredge (e.g., excavator or clam-shell)

List all suction and mechanical dredges. If information is not applicable, write "N/A." Attach extra sheet if necessary.

	Dredge 1		Dredge 2		Dredge 3	
Vessel ID (Name or Number)	Norpac		Tahta		8 inch Dredge 10 inch or water Dredge	
Vessel Dimensions	50x16		40x12		30 x 14	
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches: 10	HP: 120	Inches: 10	HP: 120	Inches: 8	HP: 80
Mechanical Dredge Bucket Volume	Cubic Yards:		Cubic Yards:		Cubic Yards:	
Processing Rate	Yds. ³ /Hr.: 15 3		Yds. ³ /Hr.: 15 3		Yds. ³ /Hr.: 1	
Wastewater Discharge Rate	GPM: 2000		GPM: 2000		GPM: 800	
Maximum Water Depth	Feet: 40		Feet: 40		Feet: 20	
Average Daily Operating Hours	16		16		16	
Operation on Sea Ice (Yes/No)	Yes <input type="checkbox"/> / No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> / No <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> / No <input type="checkbox"/>	
Vessel Registration # / State	#:	State: ak	#:	State: ak	#:	State:

Location: Offshore / Salt Water Pond connected to stream
 Stream Pond isolated from stream
 Mine cut isolated from stream

EXPLORATION TRENCHING and DRILLING

(21)

(Indicate target and trenching locations on sketch sheet and/or topographic map)

Trenching: Yes No

Estimated number of trenches to be excavated: 0 . How long will trenches be open? _____

Average Size: Length: _____ Feet Width: _____ Feet Depth: _____ Feet

Drilling: Yes No

Total Number of Holes To Be Drilled: 0 Type of Drill(s) Used: _____

Estimated Maximum Depth: _____ Feet Diameter of Drill Rod/Casing Rod _____ (NQ/HQ/H, Etc.).

Will water be used? Yes No Indicate how many pumps per water source: _____

Water source name(s): _____

Describe detailed drill plan, closure, plugging methodology, reclamation and abandonment in project narrative.

Trench/Drilling Location and Mining Claim Information

Trench/Drill ID on Map	ADL/BLM/USMS NUMBER	Decimal Degrees, NAD 83 Datum	
		Latitude	Longitude (approximate)
	N/A		

If more than 8 trenches/drill sites, please provide data in tabular format (http://dnr.alaska.gov/mlw/forms/19apma/AHEA_ReclamationSpreadsheet.xls.)

EXPLOSIVES

(22)

Will explosives be used? Yes No If "Yes", Indicate: Type: _____ Amount: _____

Explosive Handler's Certification/ATF Permit Numbers: _____

Describe your blast design, blast schedule, and explosives handling plan in the project narrative.

DAMS

(23)

No dam required Existing To be constructed

Proposed Structure: Temporary Permanent

Purpose: Makeup water pond Settling/recycle pond Stream diversion Other: _____

Length: _____ ft Height: _____ ft Width At Crest: _____ ft Width At Base: _____ ft

Note: Height should be measured from the lowest point at either the upstream or downstream toe of the dam to the crest of the dam.

Water impoundment capacity (if known): _____ acre-feet

IN-STREAM ACTIVITIES and STREAM CROSSINGS

(24)

List any equipment that will be crossing streams (including low-water crossings along established trails/roads) or used in any natural waterbody (refer to Box 14 if necessary).or used in-stream (refer to Box 14 if necessary):

Norton Sound

List all stream crossings, suction dredge or pump locations, including unnamed streams.

	Stream Name/ Water Source	NAD 83 Datum (approximate) Coordinates can be obtained using Alaska Mapper http://dnr.alaska.gov/mapper/controller		MTRSC ¼ ¼ Ex: F001S001N01 SWSW	Check boxes to indicate type(s) of activity		
		Latitude ddd.mmmm	Longitude -ddd.mmmm		Crossing	Dredging	Water Intake
1.		N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If in-stream activities and/or stream crossings are requested at more than 5 locations, please provide tabular data format (DNR template available at <http://dnr.alaska.gov/mlw/forms/?tab=mining>).

WATER USE AUTHORIZATIONS

Water usage (including from 100% recycle systems) may require approval by either Temporary Water Use Authorization or a Water Right. Information provided below will be used to determine the quantity of water that you may be authorized to use for your mining operation. When estimating water quantities, please estimate withdrawal amounts typical of a dry summer and provide the maximum quantity that you may withdraw from a particular source (e.g. stream, pond, groundwater, etc.) in a season.

A Temporary Water Use Authorization application may be initiated from this APMA application unless a Water Right is requested. Please contact the ADNR, Water Resources Section at telephone number (907) 451-2790 if interested in a Water Right or for more information.

A. START-UP WATER AND MAKE-UP WATER:

Is water withdrawn from any lake, stream, creek, river, etc. (does not include recycling/settling ponds)? Yes No

What is the name(s) of the lake, stream, creek, river, etc.? Norton Sound

What are the months of water use needed (for example May 1st through October 31st)? May 1 to February 1

Start-up water: Is water required at the start of the season to fill your recycle/settling pond system?

Yes (if **YES**, complete information below). No If yes, what is the source name? _____

- Source: Seepage infiltration from groundwater gained from cut and/or stream
- Diversion ditch from stream. Number of days diverting from stream for start-up water: _____
- Water intake rate: _____ gpm _____ hrs/day
- Pump from stream. Number of days pumping from stream for start-up water: _____
- Number of water pumps for start-up water: _____ Water intake rate (list for each pump): _____ gpm
_____ hrs/day

Make-up water: Is water required to maintain water level in your recycle/settling pond system?

Yes (if **YES**, complete information below). No If yes, what is the source name? _____

- Source: Seepage infiltration from groundwater gained from cut and/or stream
- Ditch from stream. Number of days diverting from stream for make-up water: _____
- Water intake rate: _____ gpm _____ hrs/day
- Pump from stream. Number of days pumping from stream for make-up water: _____
- Number of water pumps for make-up: **N/A** Water intake rate (list for each pump): _____ gpm
_____ hrs/day Pump intake size: _____ inches

B. RECYCLE/SETTLING POND SYSTEM.

Beaver ponds or other natural water features will not be permitted for use as settling ponds.

Is a pre-settling pond used?: Yes No Is recycle used?: Yes No

How many ponds are used in the recycle system? _____

Recycle pond is pond #: _____ Settling pond is pond #: _____

C. RECYCLE/SETTLING POND SYSTEM (continued).

Indicate Length (L), Width (W), and Depth (D) of each pond:

Pond # 1: L: _____	ft W: _____	ft D: _____	ft	Pond # 2: L: _____	ft W: _____	ft D: _____	ft
Pond # 3: L: _____	ft W: _____	ft D: _____	ft	Pond # 4: L: _____	ft W: _____	ft D: _____	ft
Pond # 5: L: _____	ft W: _____	ft D: _____	ft	Pond # 6: L: _____	ft W: _____	ft D: _____	ft

Estimated hours per day that pump(s) will be used, return line size (in inches), operating pump rate (in gallons per minute), and water usage days per month:

Pump #1: _____ hrs/day _____ inches _____ gpm _____ days/month
Pump #2: _____ hrs/day _____ inches _____ gpm _____ days/month
Pump #3: _____ hrs/day _____ inches _____ gpm _____ days/month

D. CAMP WATER USE.

Is camp water used? Yes No

Maximum number of persons present in camp at a time _____

Camp water source: Well Haul Stream Spring Lake

Name of water source (if any): _____

Camp pump intake diameter: _____ Camp pump rate: _____ gpm _____ hrs/day

E. EXPLORATION ACTIVITIES.

Is water required for exploration activities? Yes No

If **YES**, What types of exploration activities are being performed? Trenching Drilling

If **YES**, How many total pumps are used in the exploration activities? _____ (Max pumps per source).

Estimated hours per day that pump(s) will be used, return line size (in inches), operating pump rate (in gallons per minute), and water usage days per month: Pump #1: **N/A** hrs/day _____ inches _____ gpm _____ days/month

A map of your requested drilling water sources is required with the following information:

- MTRS sections,
- stream reaches or other water sources (please label, including take points if known)
- and drill hole locations

F. SUCTION DREDGING.

If suction dredging activity is occurring please ensure that you have completed the dredge table in Section (20) MINING METHOD.

TIMBER CLEARING AND USE
(Operations on State Lands Only)

(26)

Pursuant to AS 38.05.255, timber from land open to *mining without lease*, except "timberland", may be used by a mining claimant or prospecting site locator for the mining or development of the location or adjacent claims under common ownership. Timber not used for the mining or development of the location or adjacent locations, that is *removed* from the operation must be acquired via timber sale or written letter of non-objection from the Alaska Division of Forestry.

For questions on the appropriate use of timber on federal mining claims, contact your local BLM field office.

On other lands ("timberlands" and in areas that are closed to mining without lease), timber cleared, used and/or removed must be acquired via a timber sale or a written letter of non-objection from the Alaska Division of Forestry.

Will timber be used for the mining or development of the location or lease? Yes No

Describe the timbered area or areas to be cleared; include a map or drawing of the areas of timber to be cleared.
N/A

Describe the amount of timber to be used for the mining or development of the location or lease and the clearing methods you will use.

Are more than 40 acres of timbered area(s) to be cleared? Yes No

11 AAC 86.145. "A classification or designation indicating that timber and other forest products of significant value are included within a mining property is prima facie evidence that the land on which the property is located is considered to be "timberlands" for purposes of AS 38.05.255"

WASTEWATER DISCHARGE PERMIT APPLICATION

(27)

All mechanical placer mine, suction dredge, and mechanical dredge operations that discharge to a water of the U.S. require an Alaska Pollutant Discharge Elimination System (APDES) permit from DEC. See Cover Pages for a list of APDES permit fees.

Operations wishing to discharge under the APDES Small Suction Dredge General Permit (dredges with intake diameters of 6" or less, or highbankers) may skip this section but must complete annual online registrations, including \$25 fee payments, at <http://alaska.gov/go/2MPF>.

Previously issued DEC-APDES Wastewater discharge permit #: AKG 371480

Do you want this APMA to act as an application or renewal for any of the following APDES general permits (GPs)*:

- Mechanical Placer Miners GP (open-cut terrestrial operations): Yes No
- Medium-Size Suction Dredge GP (nozzle diameter greater than 6" to 10"): Yes No
- Norton Sound Large Dredge GP (nozzle diameter greater than 10" or mechanical dredge): Yes No

Waterbody the discharge flows directly into, or would potentially flow: Norton Sound

Approximate coordinates of mine site:

Latitude: 64.49766N and 64.52272N Longitude: 165.48840W and 165.66034W

Source (e.g., DNR - Alaska Mapper): alaska mapper

*Mechanical placer operations that do not elect coverage under the Mechanical Placer Miners GP may be required to obtain coverage under the Multi-Sector General Permit for Storm Water. Contact DEC to terminate a permit.

Optional* - Mixing Zone Request or Termination for Mechanical Placer Mine Operations

Do you wish to apply for a mixing zone and modified turbidity limit from DEC? Yes No

If a mixing zone is requested, provide the following:

Coordinates of discharge location: Latitude: _____ Longitude: _____

Maximum Effluent Flow anticipated from your operation _____ (GPM) [must be greater than zero (0)].

Distance to nearest downstream drinking water source _____ and downstream placer mine _____.

Do you wish to terminate an active authorized mixing zone? Yes (APDES# _____) No

*A mixing zone authorizes an increase in the permit's turbidity limit based on available dilution from the surface water. Permittees without mixing zones must meet the water quality standard for turbidity at the point of discharge into the surface water.

Certification Statement – applicable only to information required for DEC authorizations (required for all DEC permit or mixing zone applicants)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Responsible Party: 

Responsible Party Name (First Last, Position) - Printed: David McCully Owner

Business Name (if applicable) - Printed: Bering Subsea Mining LLC

SECTION 404 WETLANDS PERMIT

JURISDICTIONAL DETERMINATION (CORPS JD) and MITIGATION STATEMENT

All Placer Mining applicants are required to contact the Corps of Engineers for submittal requirements.

A complete application for a Department of the Army (DA), U.S. Army Corps of Engineers (Corps) Section 404 permit includes a description of project impacts (contained in the APMA), a Jurisdictional Determination (JD) and a Mitigation Statement. The applications for the JD and the Mitigation Statement are contained in two Corps Supplements, which may be attached to this APMA. The Supplements may be downloaded from the Corps and DNR websites, or obtained directly from a Corps office in paper copy, by email, or mail. Please contact the Corps to determine what supplements are required.

Corps Supplement, Attachment 1, Jurisdictional Determination: Attachment 1 must be filled in and submitted to the Corps for all new placer applications (New and Existing Operations). Photos of your mine site are required. Your JD will be valid for five years. Your photos will be used only for the purpose of conducting an offsite JD.

Corps Supplement, Attachment 2, Mitigation Statement: Alaska District regional mitigation policy for placer mining operations under this General Permit (GP) emphasizes avoidance and minimization of impacts; **compensatory mitigation is not required.** However, by regulation, a Mitigation Statement covering measures for avoidance, minimization, and compensatory mitigation, or, a reason why compensatory mitigation is not proposed, must be submitted to the Corps with each new APMA for projects that impact waters of the U.S.

N/A

Note:

- If your APMA requires, but does not include a JD or Mitigation Statement, your application will be considered incomplete. The Corps may also contact you for additional information. Please ensure your contact information on the front page is current.
- For BLM Operators: A complete 404 Wetland Permit Package with additional photos of the upland areas to be mined will be sufficient to meet the requirement for the uplands reclamation baseline data and riparian mitigation measures as required by § 43 CFR 3809.

Provide the Latitude and Longitude of the operation location (DD, NAD83):

Latitude: _____ Longitude: - _____

Source (e.g., DNR - Alaska Mapper): _____

Please list Corps permits previously issued for this site: POA- _____ - _____ , POA- _____ - _____

Certification Statement

The Alaska District will accept the APMA as a pre-construction notification, pursuant to 33 CFR 320.1 (c). Application is hereby made for a permit to authorize the work described in this APMA. I certify the information in the APMA, and any required Supplements, is complete and accurate. I future certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the operator/ applicant.

Operator or Agent:

Print Name

Signature

Date

STREAM DIVERSION

(29)

A MAP OF COMPLETE STREAM DIVERSION IS REQUIRED: Plan Map of Operation included in the APMA should show the entire length of the diversion (i.e. where the water is diverted from the natural stream channel to where it returns to the natural stream channel) with start and end locations clearly marked. Operations on BLM lands that are proposing a stream diversion are encouraged to contact their local field office as early as possible in the permitting process due to additional requirements.

Please note: If you have a stream diversion structure; this structure may also qualify as a dam and be subject to the Alaska Department of Natural Resources Dam Safety Program per definitions provided in AS 46.17.900(3). Complete Section 23 (regarding a Dam) of this APMA. If you require further regulatory guidance regarding dams, please contact our Dam Safety and construction Unit, Dam Safety Engineer at telephone number (907) 269-8636 or for more information go to the Alaska Dam Safety Program website at: <http://dnr.alaska.gov/mlw/water/dams/>

Is stream diversion required? Yes No (If Yes, complete information below).

N/A

Stream Name: _____

Existing (Date Constructed _____) To Be Constructed (Date _____)

If a diversion is required or pre-existing, please contact your local ADF&G, Habitat Section for Fish Habitat Permitting information. To facilitate permit issuance, please provide the following information:

Is Stream Diversion? Permanent Temporary _____ year(s) _____ months

Will diversion be reclaimed annually prior to freeze-up or be retained throughout the mine life?

Annually reclaimed/returned to natural stream Maintained throughout mine life

Dimensions of existing stream in diversion area:
Length _____(ft) Top Width _____(ft) Bottom Width _____(ft) Depth _____(ft) Floodplain Width _____(ft)

N/A

Dimensions of proposed diversion:

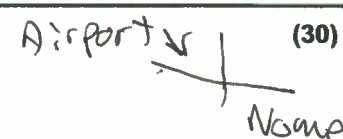


Length _____(ft) Top Width _____(ft) Bottom Width _____(ft) Depth _____(ft) Floodplain Width _____(ft)

Dominant substrate type (Choose Two): Bedrock Boulder Cobble Gravel Sand Silt/Clay

Note: Diversion should approximate the existing stream in terms of meander bends, length, depth, stream width, and floodplain width.

(Please provide plan and profile diagrams of diversion in Section 30, PLAN MAP OF OPERATION) or attach additional sheets as necessary

PLAN MAP OF OPERATION *REQUIRED

Airport  (30) Name	
 West 17867	 East 17867
Norton Sound	

VICINITY MAP

~~N/A~~

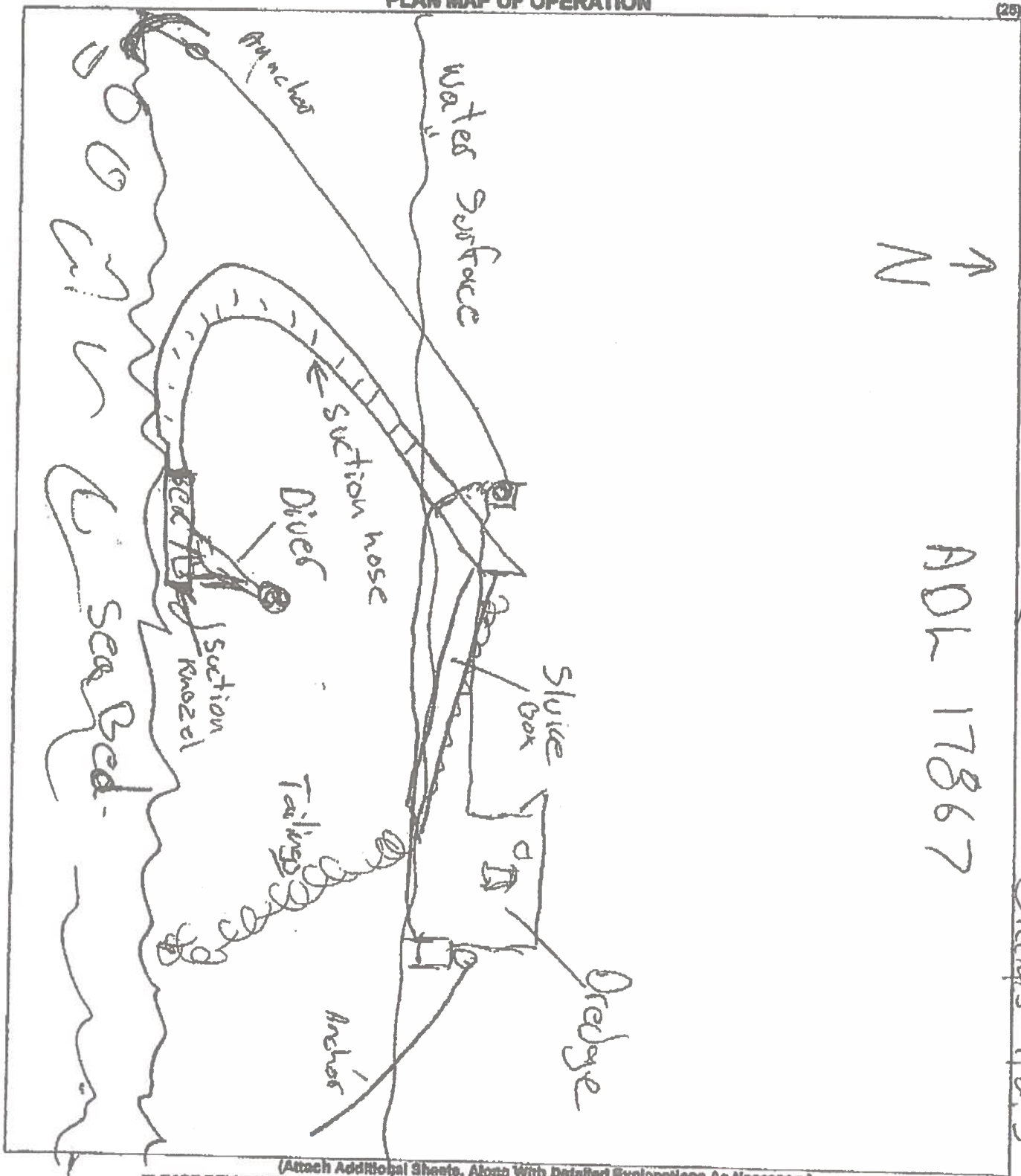
See Attached

Date Prepared:	Applicant Name: <u>Bering Subsea</u>
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP:	
Sec.(s) <u>22-34</u> Township <u>11</u> , Range <u>34</u> , Meridian <u>Kateel Bay</u>	
Scale: 1" = _____	ADLs: <u>17867</u>
SHEET OF	APMA # <u>9520</u>

(Attach additional sheets, along with detailed explanations as necessary)

PLAN MAP OF OPERATION

(25)

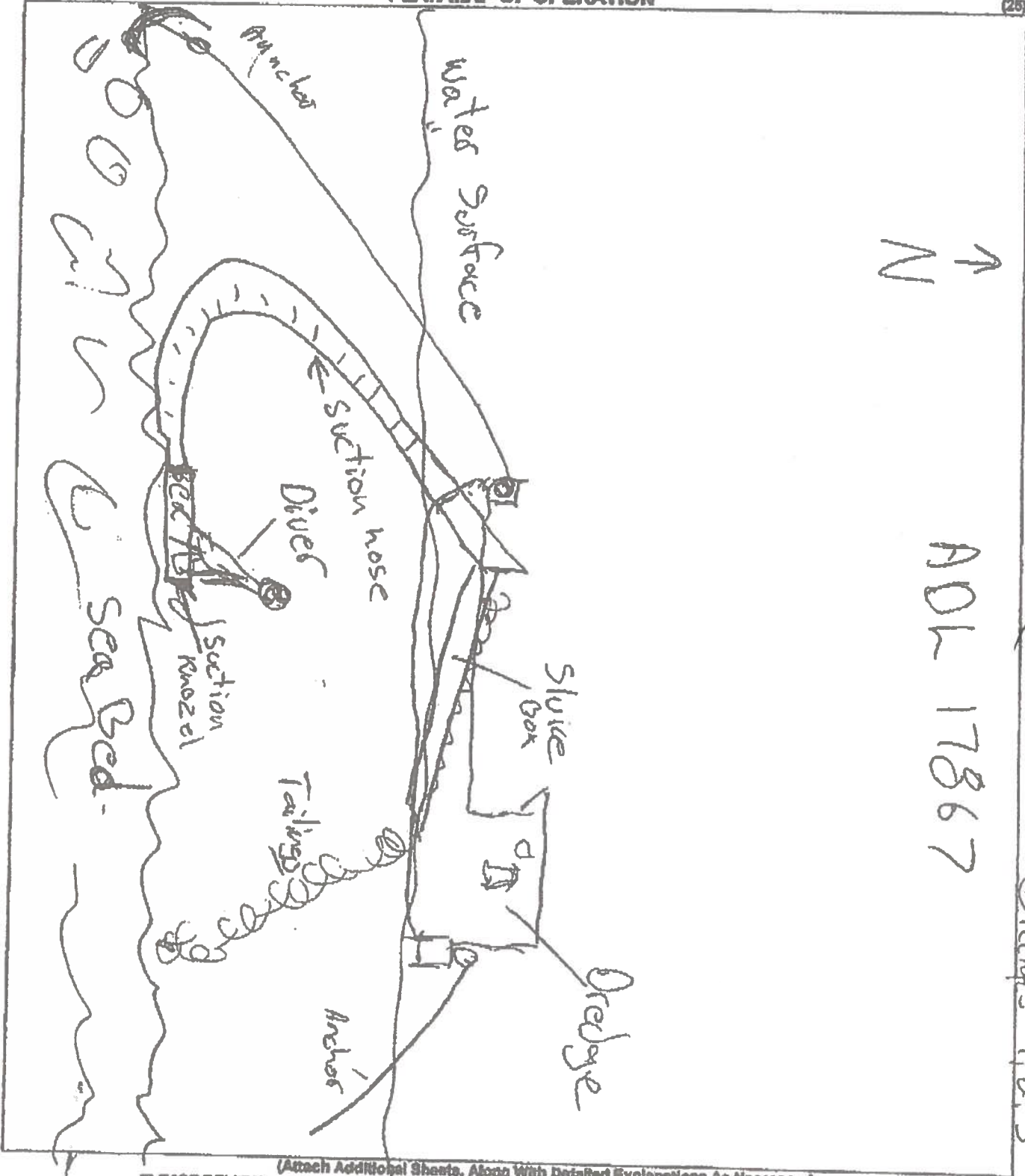


(Attach Additional Sheets, Along With Detailed Explanations As Necessary)
PLEASE REVIEW THE SKETCH SHEET CHECKLIST TO ENSURE THAT ALL REQUIRED ITEMS ARE INCLUDED

INCOMPLETE SKETCH SHEETS WILL CAUSE THE ENTIRE APPLICATION TO BE RETURNED

PLAN MAP OF OPERATION

(25)

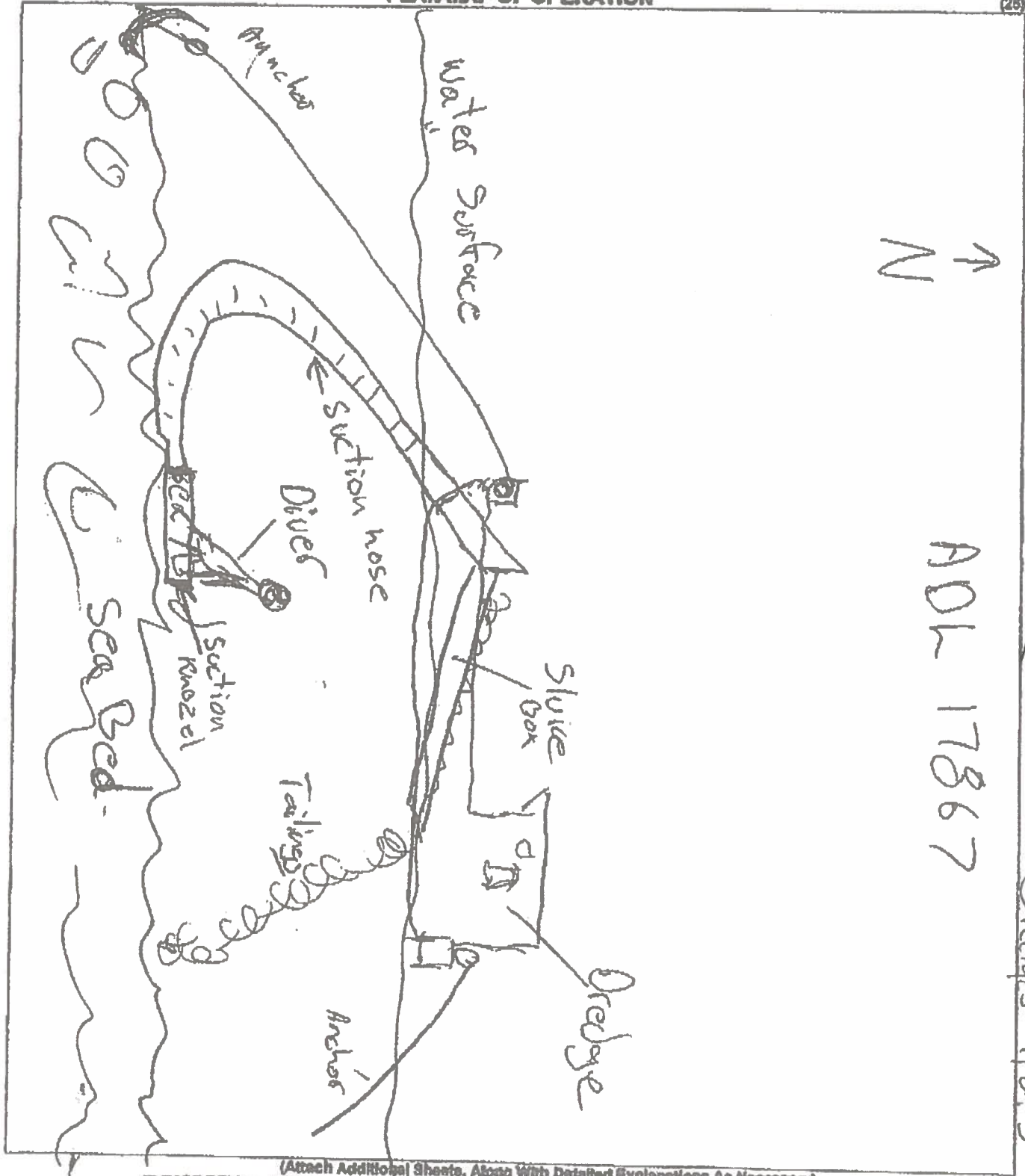


(Attach Additional Sheets, Along With Detailed Explanations As Necessary)
PLEASE REVIEW THE SKETCH SHEET CHECKLIST TO ENSURE THAT ALL REQUIRED ITEMS ARE INCLUDED

INCOMPLETE SKETCH SHEETS WILL CAUSE THE ENTIRE APPLICATION TO BE RETURNED

PLAN MAP OF OPERATION

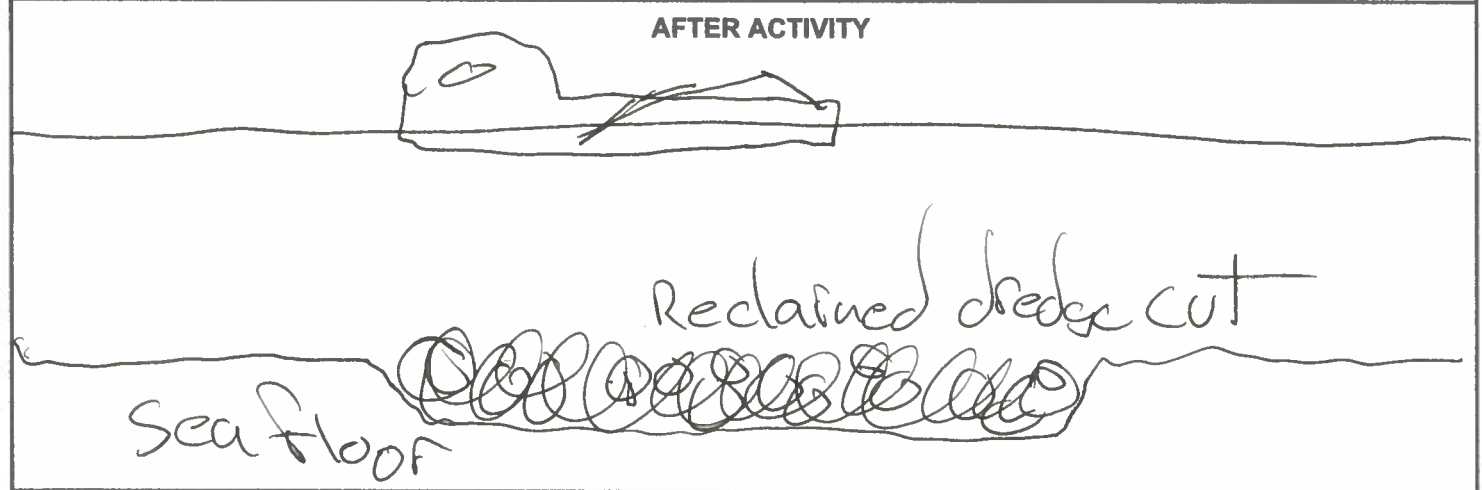
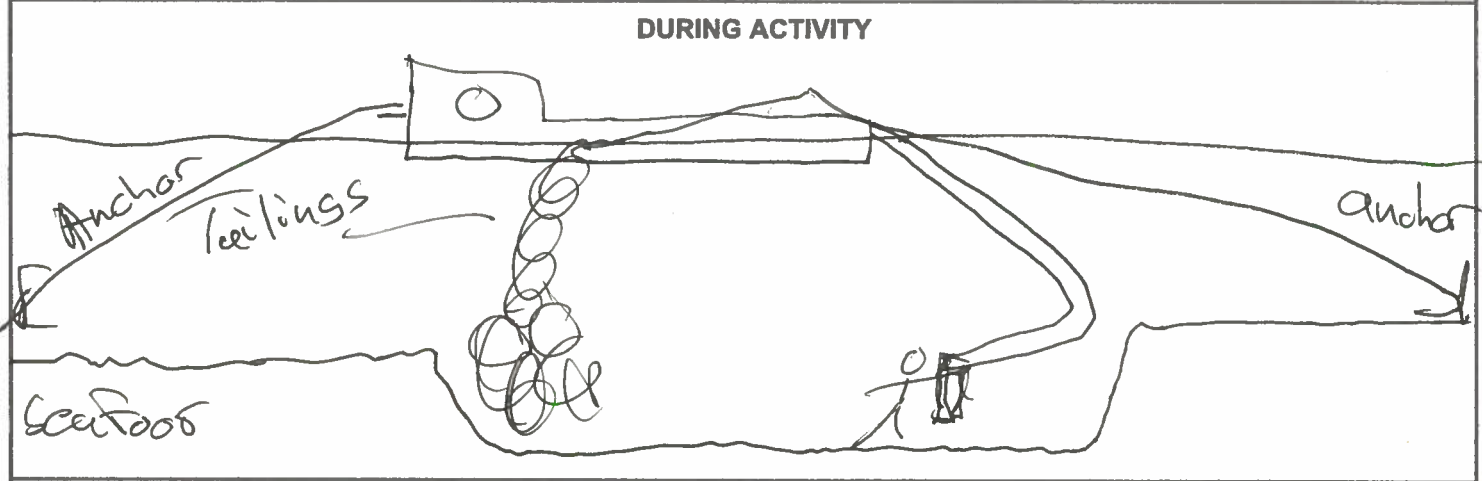
(25)



(Attach Additional Sheets, Along With Detailed Explanations As Necessary)
PLEASE REVIEW THE SKETCH SHEET CHECKLIST TO ENSURE THAT ALL REQUIRED ITEMS ARE INCLUDED

INCOMPLETE SKETCH SHEETS WILL CAUSE THE ENTIRE APPLICATION TO BE RETURNED

CROSS SECTION SKETCH *REQUIRED



Date Prepared:	Applicant Name:
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP:	
Sec.(s) _____ Township _____, Range _____, Meridian _____	
Scale: 1" = _____	ADLs: 17867
SHEET OF _____	APMA # 9520

PLACER/SUCTION DREDGE NARRATIVE *REQUIRED

(32)

A narrative of the operation is required. Please use this space to describe the access, mining process, environmental protection measures and reclamation measures to be used for the duration of this permit. Use multiple sheets if necessary.

DESCRIBE ACCESS, PERSONNEL HOUSING AND CAMP LAYOUT:

housing located in city of Nome access is via Port of Nome to dredging sites with small boats and dredges

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

mining conducted on a daily basis with divers to control drdge nozzels tenders on deck to maintain safty and equipment

once a GPS location is found Dredges are anchored in place using front and Aft anchors. Divers Begin By starting a suction cut in the Bottom seafloor once a cut is established the Divers swing Right to left and push forward to suction material to the surface. Once a cut is finished anchor line is retracted to move forward to contnbute, once the area available is depleted dredge is reanchored

DESCRIBE PLANNED RECLAMATION MEASURES INCLUDING TIMELINE FOR RECLAMATION TO TAKE PLACE:

all dredging activity is self reclaimating as mining continues each cut performed is Reclaimed as the dredge operation continues, no tailing Piles are left behind, further reclamation is performed by nature in the way of storms and Ice disturbance studies from Westgold's mining in the 80s by RWS consulting concluded that Benthic environment was more at risk from natural causes than man made mining activity

DISCUSS WATER MANAGEMENT PLANS, INCLUDING USE, SOURCE, QUANTITY AND SURFACE WATER/

EROSION MANAGMENT PLAN:

water source Norton Sound 2000 gpm water is used for sluice box to seperate fine material all water and ~~and~~ bottom cobble is returned directly to the area being mined

DISCUSS FUEL STORAGE, HANDLING, AND SPILL PREVENTION AND RESPONSE PLANS:

fuel is contained on the dredes in secure tanks emergency spill kits on board

DISCUSS HOW THE OPERATION WILL AVOID/MITIGATE POTENTIAL IMPACTS TO FISH, WILDLIFE AND CULTURAL RESOURCES:

dredging is halted when any interference with cultural or fish habitat is being comprimised area of operations is outside of any significant wildlife sen. Sensitive areas

Nome Offshore Operator—Supplemental Information

Supply this information to your mineral property holder for submission to DNR.

Mineral Property Owner (s): Shawn Pomrenke & David McCully APMA #: 9520
 Lease Tract or Mining Claim Number (s): 17867

Operator Name: Arctic Sea Mining, LLC

Operator Summer Mailing Address: PO Box 1590 Operator Winter Mailing Address: Same as Summer

City: Nome State: AK Zip: 99762 City: _____ State: _____ Zip: _____

Summer Phone #: 406-899-4726 Winter Phone #: _____

Email: georgey@randhmechanical.com

Name and Phone Numbers of Other Operators to work on dredge (if more than one):

Name: _____ Phone Number: _____

Name: _____ Phone Number: _____

Name: _____ Phone Number: _____

Location of Operator Housing While in Nome: _____

List All Equipment to be Permitted:

	Dredge 1	Dredge 2	Dredge 3
Vessel ID (Name or Number)	Myrtle Irene		
Vessel Dimensions	135'x45'		
Vessel Registration # and State	#: _____ State: _____	#: _____ State: _____	#: _____ State: _____
DEC APDES Permit	#: AKG304019	#: _____	#: _____
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches: _____ HP: _____	Inches: _____ HP: _____	Inches: _____ HP: _____
Mech. Dredge Bucket Volume	Cubic Yards: 3	Cubic Yards: _____	Cubic Yards: _____
Processing Rate	Yds. ³ /Hr: 150	Yds. ³ /Hr: _____	Yds. ³ /Hr: _____
Wastewater Discharge Rate	GPM: 1500	GPM: _____	GPM: _____
Maximum Water Depth	Feet: 25	Feet: _____	Feet: _____
Average Daily Operating Hours	20		
Operation on Sea Ice	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input type="checkbox"/> No	<input type="checkbox"/> Yes / <input type="checkbox"/> No

Operations using equipment with a nozzle intake of 6" or less, 23 HP or less and solely operating in open waters are not required to have an APDES number.

Authorization for this Operator Valid from 11 / 1 / 2022 to 12 / 31 / 2026.

Mineral Property Owner Signature: Shawn Pomrenke Date: 5-11-22

Mineral Property Owner Printed Name: Shawn Pomrenke

Nome Offshore Operator—Supplemental Information

DEC Alaska Pollutant Discharge Elimination System (APDES) Application

Mineral Property Owner (s): Shawn Pomrenke & Dave McCully APMA #: 9520

Lease Tract or Mining Claim Number (s): 17867

Operator Name: Arctic Sea Mining, LLC

WASTEWATER DISCHARGE PERMIT APPLICATION

All suction dredge and mechanical dredge operations that discharge to a water of the U.S. require an Alaska Pollutant Discharge Elimination System (APDES) permit from DEC.

Do you want this supplement to act as an application or renewal for the following APDES general permit (GPs):

Small-Size Suction Dredge GP (nozzle diameter of 6" or less): Yes / No

Medium-Size Suction Dredge GP (nozzle diameter greater than 6" to 10"): Yes / No

Norton Sound Large Dredge GP (nozzle diameter greater than 10" or mechanical dredge): Yes / No

Waterbody the discharge flows directly into: Norton Sound

Approximate coordinates of mine site:

Latitude: 64.5007N Longitude: 165.4819W

Source (e.g., DNR - Alaska Mapper): Alaska Mapper Datum: _____

****Please attach a drawing of the operation.****

Certification Statement – Applicable Only to Information Required for DEC Authorizations

(required for all DEC permit or mixing zone applicants)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Responsible Party (Operator/Vessel Owner): 

Responsible Party Name (First Last, Position) - Printed: David Young / Managing Partner

Business Name (if applicable) - Printed: Arctic Sea Mining, LLC

Nome Offshore Operator—Supplemental Information

DEC Alaska Pollutant Discharge Elimination System (APDES) Application

Mineral Property Owner (s): Shawn Pomrenke & Dave McCully APMA #: 9520
Lease Tract or Mining Claim Number (s): 17867

Operator Name: Arctic Sea Mining, LLC

WASTEWATER DISCHARGE PERMIT APPLICATION

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Signature of Responsible Party (Operator/Vessel Owner): 

Responsible Party Name (First Last, Position) - Printed: David Young / Managing Partner

Business Name (if applicable) - Printed: Arctic Sea Mining, LLC

Nome Offshore Operator—Supplemental Information

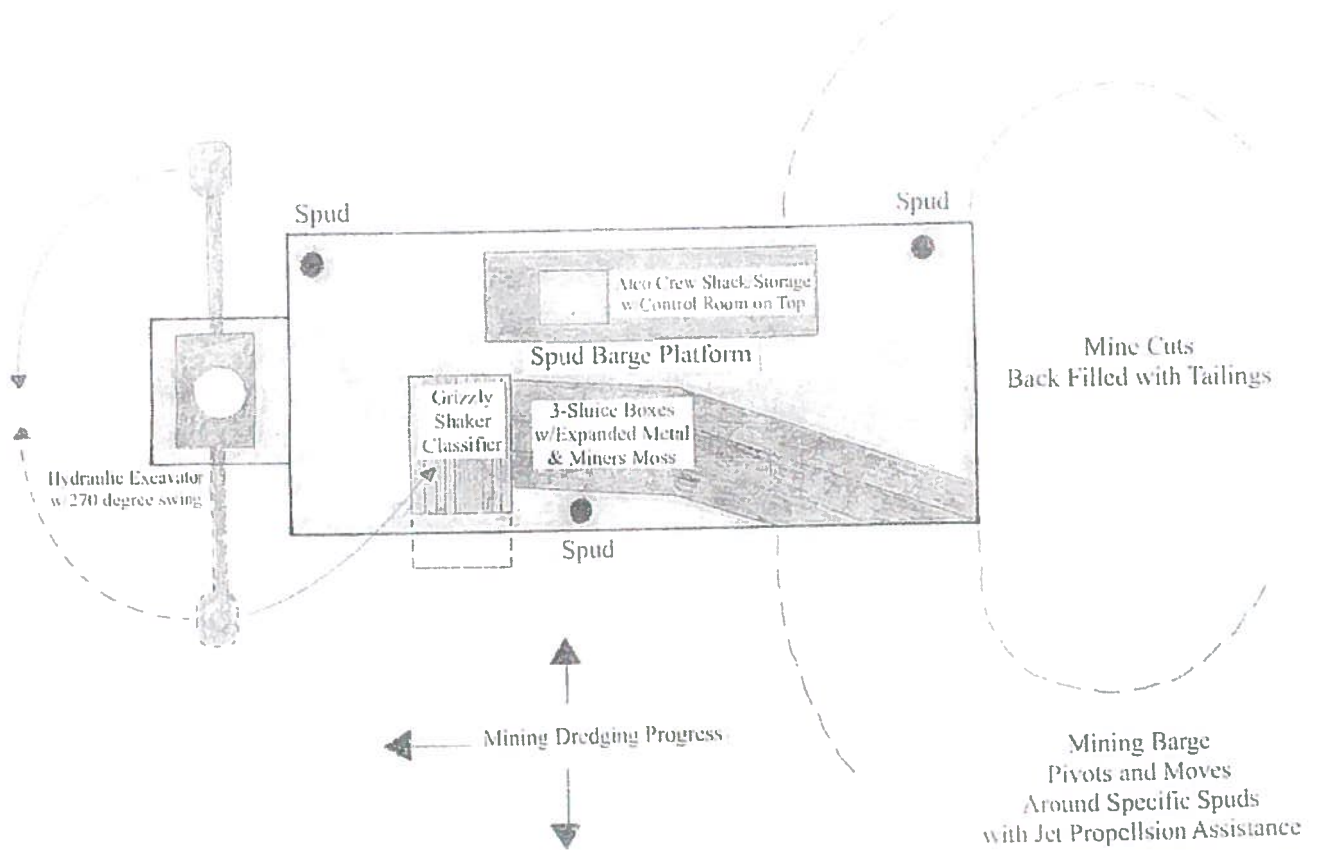
Operation Sketch

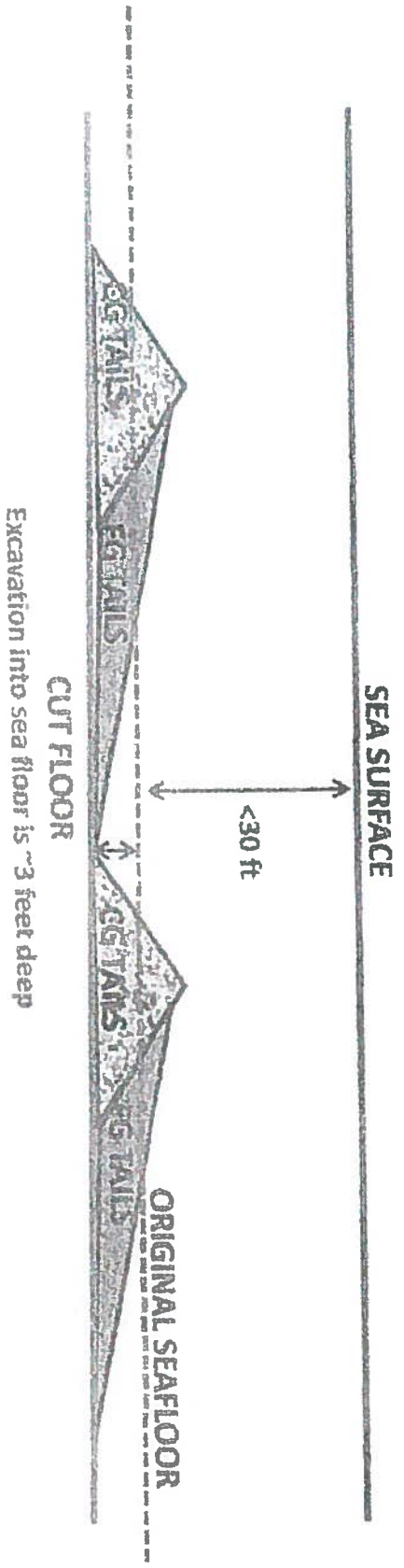
Mineral Property Owner (s): Shawn Pomrenke & Dave McCully APMA #: 9520

Lease Tract or Mining Claim Number (s): 17867

Operator Name: Arctic Sea Mining, LLC

Please See Attached





Nome Offshore Operator—Supplemental Information

Supply this information to your mineral property holder for submission to DNR.

Mineral Property Owner (s): Shawn Pomrenke & Dave McCully APMA #: 9520

Lease Tract or Mining Claim Number (s): ADL: 17867 East and West

Operator Name: NOGC J/V #2

Operator Summer Mailing Address:

PO Box 1590

Operator Winter Mailing Address:

PO Box 5113

City: Nome State: AK Zip: 99762

City: Eagle State: CO Zip: 81631

Summer Phone #: 907-434-0877

Winter Phone #: 406-899-4726

Email: georgey@randhmechanical.com

Name and Phone Numbers of Other Operators to work on dredge (if more than one):

Name: _____

Phone Number: _____

Name: _____

Phone Number: _____

Name: _____

Phone Number: _____

Location of Operator Housing While in Nome: _____

List All Equipment to be Permitted:

	Dredge 1		Dredge 2		Dredge 3	
Vessel ID (Name or Number)	Gold Recovery					
Vessel Dimensions	50'x70'					
Vessel Registration # and State	#: _____	State: _____	#: _____	State: _____	#: _____	State: _____
DEC APDES Permit	#: _____		#: _____		#: _____	
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches: _____	HP: _____	Inches: _____	HP: _____	Inches: _____	HP: _____
Mech. Dredge Bucket Volume	Cubic Yards: 1		Cubic Yards: _____		Cubic Yards: _____	
Processing Rate	Yds. ³ /Hr: 100		Yds. ³ /Hr: _____		Yds. ³ /Hr: _____	
Wastewater Discharge Rate	GPM: 1800		GPM: _____		GPM: _____	
Maximum Water Depth	Feet: 30		Feet: _____		Feet: _____	
Average Daily Operating Hours	20					
Operation on Sea Ice	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes / <input type="checkbox"/> No		<input type="checkbox"/> Yes / <input type="checkbox"/> No	

***Operations using equipment with a nozzle intake of 6" or less, 23 HP or less and solely operating in open waters are not required to have an APDES number. ***

Authorization for this Operator Valid from _____.

Mineral Property Owner Signature: _____ Date: _____

Mineral Property Owner Printed Name: _____

Nome Offshore Operator—Supplemental Information

DEC Alaska Pollutant Discharge Elimination System (APDES) Application

Mineral Property Owner (s): Shawn Pomrenke & Dave McCully APMA #: 9520

Lease Tract or Mining Claim Number (s): ADL: 17867 East and West

Operator Name: NOGC JV #2

WASTEWATER DISCHARGE PERMIT APPLICATION

All suction dredge and mechanical dredge operations that discharge to a water of the U.S. require an Alaska Pollutant Discharge Elimination System (APDES) permit from DEC.

Do you want this supplement to act as an application or renewal for the following APDES general permit (GPs):

Small-Size Suction Dredge GP (nozzle diameter of 6" or less): Yes / No

Medium-Size Suction Dredge GP (nozzle diameter greater than 6" to 10"): Yes / No

Norton Sound Large Dredge GP (nozzle diameter greater than 10" or mechanical dredge): Yes No

Waterbody the discharge flows directly into: Norton Sound

Approximate coordinates of mine site:

Latitude: 64.5007N Longitude: 165.4819W

Source (e.g., DNR - Alaska Mapper): Alaska Mapper Datum: _____

****Please attach a drawing of the operation.****

Certification Statement – Applicable Only to Information Required for DEC Authorizations

(required for all DEC permit or mixing zone applicants)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Responsible Party (Operator/Vessel Owner): 

Responsible Party Name (First Last, Position) - Printed: David Young Managing Partner

Business Name (if applicable) - Printed: NOGC JV #2

Nome Offshore Operator—Supplemental Information

Operation Sketch

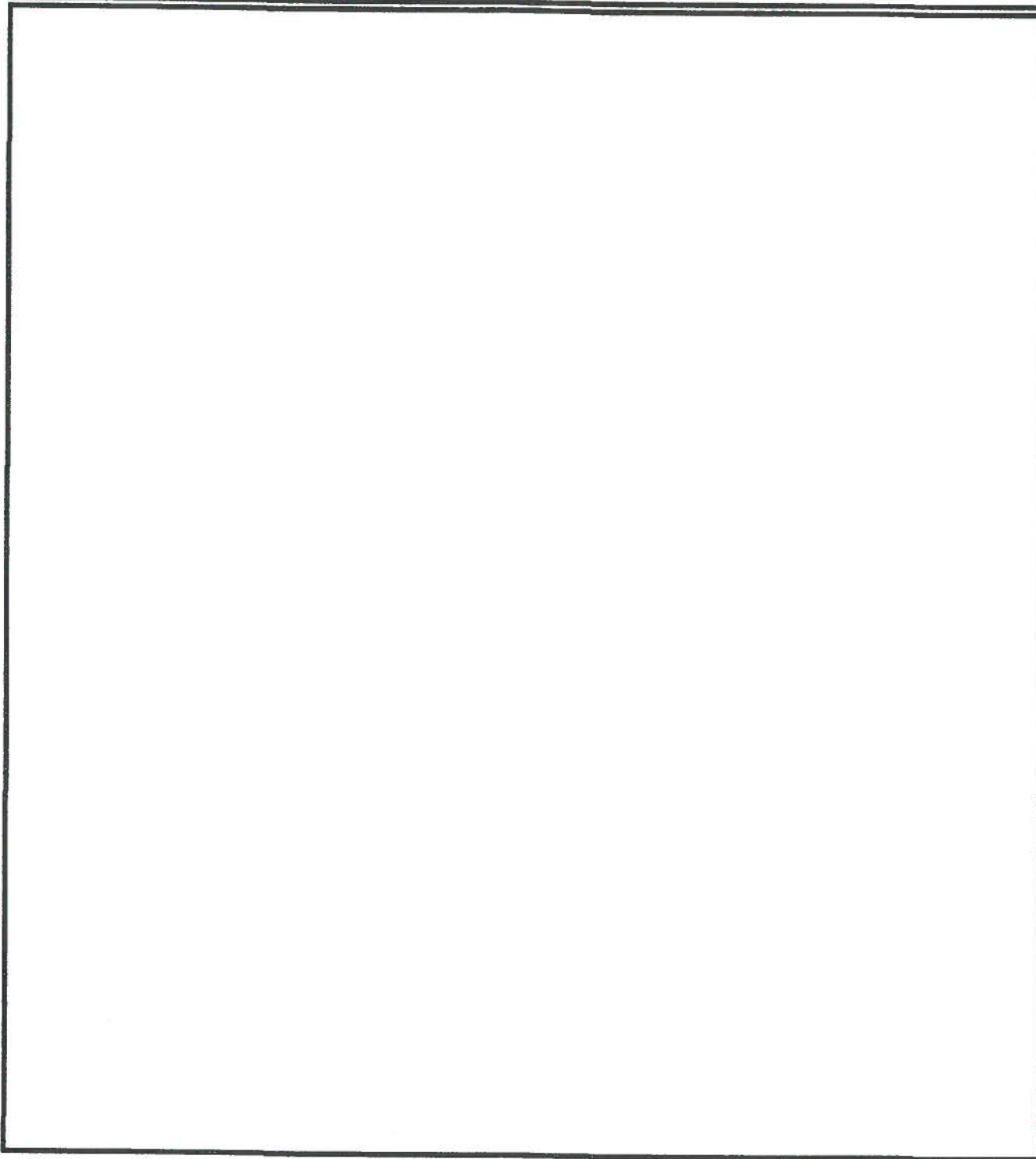
Mineral Property Owner (s): NOGC JV #2

APMA #: 9520

Lease Tract or Mining Claim Number (s): ADL: 17867 East and West

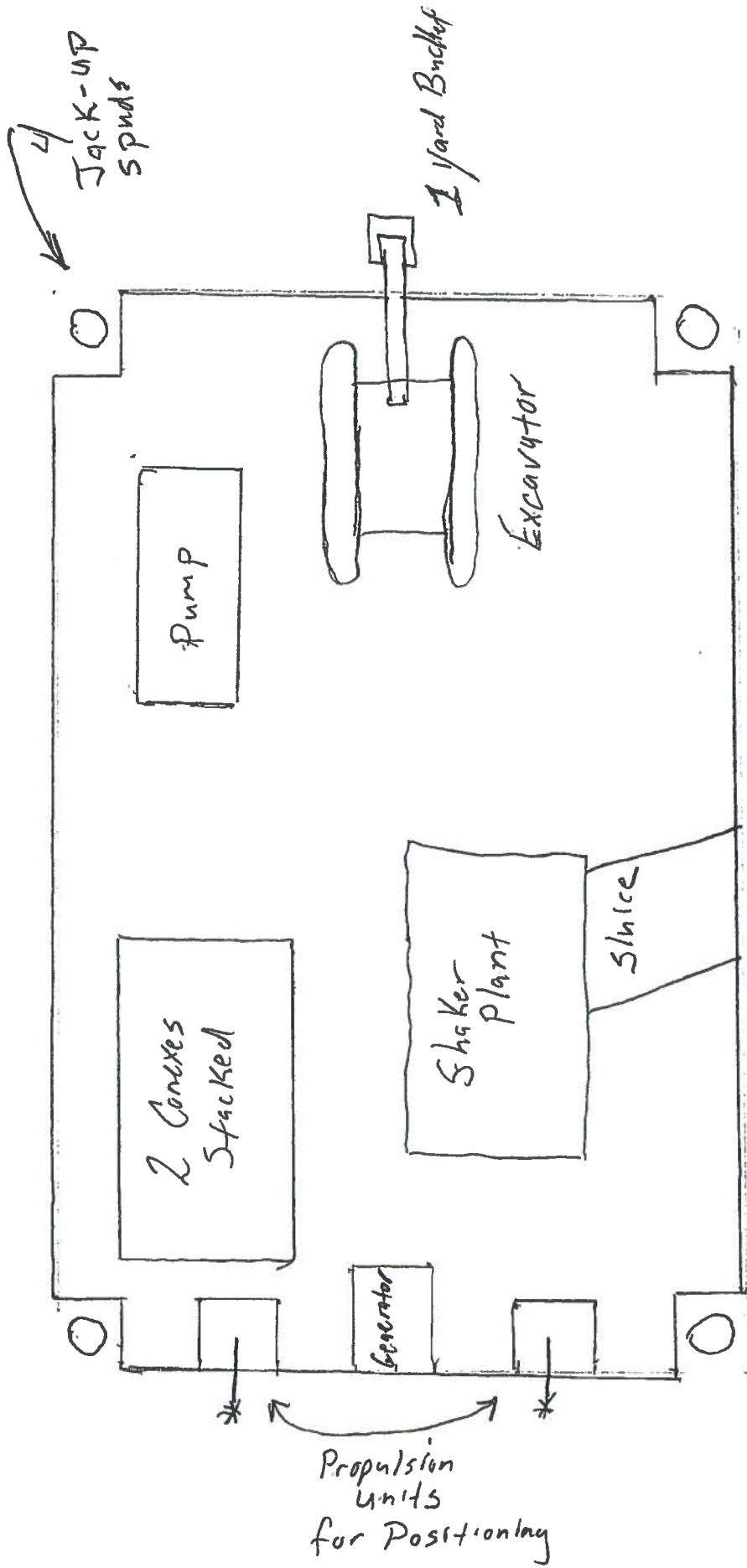
Operator Name: NOGC JV #2

SEE ATTACHED

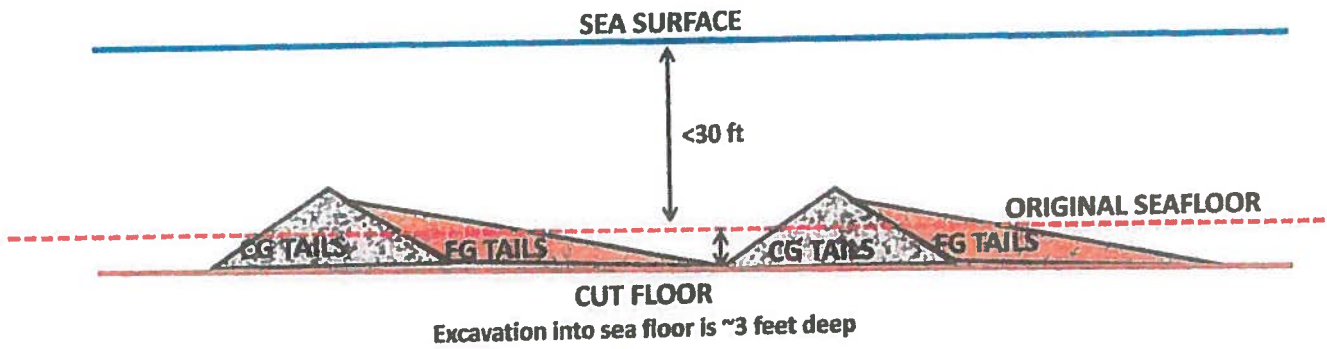


NOCC I/v #2
Name offshore mining
"Gold Recovery"

Mining and Reclamation
Plan (Not to scale)



Tailing's Making
Up Reclamation



NOTICE OF OPERATOR AUTHORIZATION -- MINERAL LOCATIONS


All operators or lease holders submitting APMA's for operations on mineral locations must submit a "Notice of Authorization" from the owner of record. This notice of authorization must name the operator and leaseholder (if different), the mineral properties by their designation (e.g.; ADL, AKFF, USMS, MTRS) and the time frame (beginning and ending dates) for which the authorization remains in effect. The Division of Mining, Land & Water will only issue a mining authorization for private land, per 11 AAC 97.310.(7), after notarized receipt of this Notice. **Please include it with your APMA.**

OPERATOR AUTHORIZATION

APMA# 9520

I, <u>Shawn Pomrenke</u> , OWNER of mineral property(s): List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS). <u>ADL 17867</u> _____ _____ (Attach additional sheet if necessary) Have authorized <u>NOGC J/V #2</u> Address of Operator <u>PO Box 1590 Nome, AK 99762</u> to operate on these claims from <u>01 / 01 / 2022</u> to <u>12 / 31 / 2026</u> Owner's Signature <u><i>[Signature]</i></u> Date <u>5-6-2022</u>	Check Type of Mineral Property(s) <input checked="" type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
--	---

NOTARY
 Subscribed and sworn to before me this 6th day of May, 2022
 For (owner)
 (Signature of Notary) *[Signature]*
 My commission expires: With Office



OR (If the LESSEE and OPERATOR are not the same, both sections must be completed)

I, _____, LESSEE of mineral property(s) : List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS). _____ _____ (Attach additional sheet if necessary) have authorized _____ to operate on these claims from ___ / ___ / ___ to ___ / ___ / _____. Lessee's Signature _____ Date _____ Lessee's Address _____	Check Type of Mineral Property(s) <input type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
---	--

NOTARY:
 Subscribed and sworn to before me this ___ day of _____, 20 ____.
 For (Lessee)
 (Signature of Notary) _____
 My commission expires:

Nome Offshore Operator—Supplemental Information

Supply this information to your mineral property holder for submission to DNR.

Mineral Property Owner (s): Dave McCully APMA #: 9520

Lease Tract or Mining Claim Number (s): ADL 17867

Operator Name: Randy Harper

Operator Summer Mailing Address:

28005 SE 9th St

Operator Winter Mailing Address:

28005 SE 7th St

City: Camas State: wa Zip: 98607

City: Camas State: wa Zip: 98607

Summer Phone #: 503 849-5109

Winter Phone #: 503 849-5109

Email: Randy@Topside.gold

Name and Phone Numbers of Other Operators to work on dredge (if more than one):

Name: Andy Lehto

Phone Number: 360-583-7562

Name: Jason Lehto

Phone Number: 360

Name: Randy Harper

Phone Number: 503-849-5109

Location of Operator Housing While in Nome: on board New Horizon

List All Equipment to be Permitted:

	Dredge 1		Dredge 2		Dredge 3	
Vessel ID (Name or Number)	<u>NEW Horizon</u>					
Vessel Dimensions	<u>50x50</u>					
Vessel Registration # and State	#: _____	State: _____	#: _____	State: _____	#: _____	State: _____
DEC APDES Permit	#: <u>TSM82065E518</u>		#: _____		#: _____	
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches: <u>8</u>	HP: <u>75</u>	Inches: _____	HP: _____	Inches: _____	HP: _____
Mech. Dredge Bucket Volume	Cubic Yards: _____		Cubic Yards: _____		Cubic Yards: _____	
Processing Rate	Yds. ³ /Hr: <u>4</u>		Yds. ³ /Hr: _____		Yds. ³ /Hr: _____	
Wastewater Discharge Rate	GPM: <u>800</u>		GPM: _____		GPM: _____	
Maximum Water Depth	Feet: <u>30</u>		Feet: _____		Feet: _____	
Average Daily Operating Hours	<u>12</u>		_____		_____	
Operation on Sea Ice	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes / <input type="checkbox"/> No		<input type="checkbox"/> Yes / <input type="checkbox"/> No	

***Operations using equipment with a nozzle intake of 6" or less, 23 HP or less and solely operating in open waters are not required to have an APDES number. ***

Authorization for this Operator Valid from ___/___/___ to ___/___/___.

Mineral Property Owner Signature: _____ Date: _____

Mineral Property Owner Printed Name: _____

Nome Offshore Operator—Supplemental Information

DEC Alaska Pollutant Discharge Elimination System (APDES) Application

Mineral Property Owner (s): Dave McCully APMA #: 9520

Lease Tract or Mining Claim Number (s): APL 17867

Operator Name: Randy Harper Andy Lehto

WASTEWATER DISCHARGE PERMIT APPLICATION

All suction dredge and mechanical dredge operations that discharge to a water of the U.S. require an Alaska Pollutant Discharge Elimination System (APDES) permit from DEC.

Do you want this supplement to act as an application or renewal for the following APDES general permit (GPs):

Small-Size Suction Dredge GP (nozzle diameter of 6" or less): Yes / No

Medium-Size Suction Dredge GP (nozzle diameter greater than 6" to 10"): Yes / No

Norton Sound Large Dredge GP (nozzle diameter greater than 10" or mechanical dredge): Yes / No

Waterbody the discharge flows directly into: Norton Sound Lease area

Approximate coordinates of mine site:

Latitude: 64.4974 N Longitude: 165.8861 W

Source (e.g., DNR - Alaska Mapper): DNR Alaska mapper Datum: _____

****Please attach a drawing of the operation.****

Certification Statement – Applicable Only to Information Required for DEC Authorizations

(required for all DEC permit or mixing zone applicants)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Responsible Party (Operator/Vessel Owner): Randy Harper

Responsible Party Name (First Last, Position) - Printed: Randy Harper Owner operator

Business Name (if applicable) - Printed: TOPSIDE Mining

Nome Offshore Operator—Supplemental Information

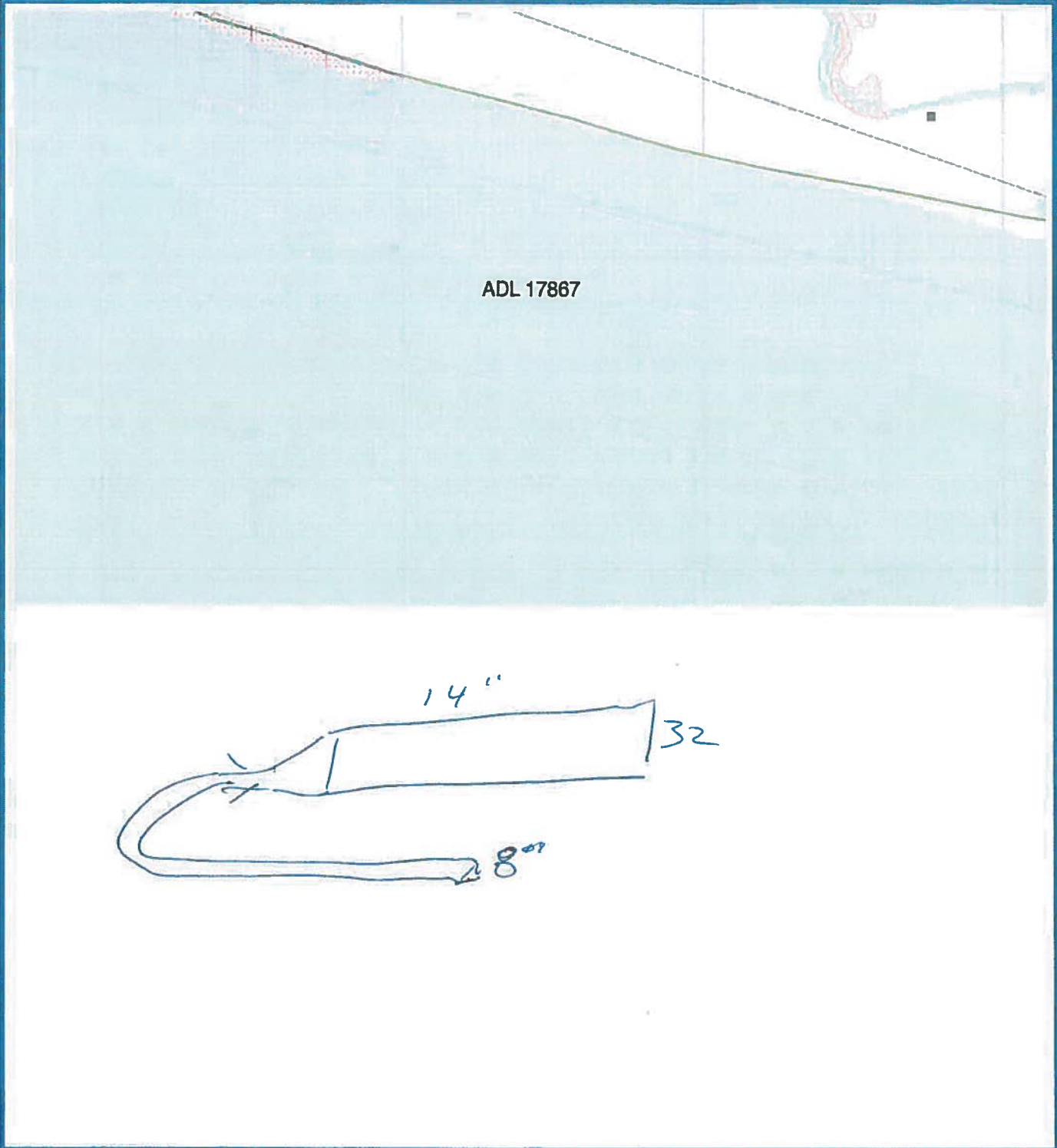
Operation Sketch

Mineral Property Owner (s): Dave McCully

APMA #: 9520

Lease Tract or Mining Claim Number (s): ADL 17867

Operator Name: Randy Harper, Andy Lehto,



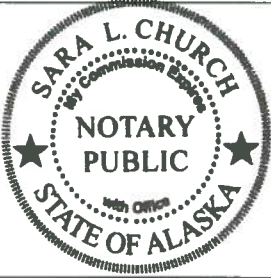
NOTICE OF OPERATOR AUTHORIZATION -- MINERAL LOCATIONS

All operators or lease holders submitting APMAs for operations on mineral locations must submit a "Notice of Authorization" from the owner of record. This notice of authorization must name the operator and leaseholder (if different), the mineral properties by their designation (e.g.; ADL, AKFF, USMS, MTRS) and the time frame (beginning and ending dates) for which the authorization remains in effect. The Division of Mining, Land & Water will only issue a mining authorization for private land, per 11 AAC 97.310.(7), after notarized receipt of this Notice. **Please include it with your APMA.**

OPERATOR AUTHORIZATION

APMA# 9520

I, <u>Shawn Pomrenke</u> , OWNER of mineral property(s): List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS). <u>ADL 17867</u> _____ _____ _____ (Attach additional sheet if necessary) Have authorized <u>Randy Harper</u> Address of Operator <u>28005 SE 7th St. Camas, WA 98607</u> to operate on these claims from <u>01 / 01 / 2022</u> to <u>12 / 31 / 2026</u> Owner's Signature <u><i>[Signature]</i></u> Date <u>5-6-2022</u>	Check Type of Mineral Property(s) <input checked="" type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
--	---

NOTARY Subscribed and sworn to before me this <u>6th</u> day of <u>May</u> , 20 <u>22</u> For (owner) (Signature of Notary) <u><i>[Signature]</i></u> My commission expires: <u>With Office</u>	
---	--

OR (If the LESSEE and OPERATOR are not the same, both sections must be completed)

I, _____, LESSEE of mineral property(s) : List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS). _____ _____ _____ (Attach additional sheet if necessary) have authorized _____ to operate on these claims from <u> / / </u> to <u> / / </u> Lessee's Signature _____ Date _____ Lessee's Address _____	Check Type of Mineral Property(s) <input type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
---	--

NOTARY: Subscribed and sworn to before me this _____ day of _____, 20 ____. For (Lessee) (Signature of Notary) _____ My commission expires: _____
--

Nome Offshore Operator—Supplemental Information

Supply this information to your mineral property holder for submission to DNR.

Mineral Property Owner (s): Shawn Tompkins APMA #: 9520

Lease Tract or Mining Claim Number (s): _____

Operator Name: Joseph Fullwood

Operator Summer Mailing Address:
Po box 501

Operator Winter Mailing Address:
//

City: Nome State: AK Zip: 99762

City: _____ State: _____ Zip: _____

Summer Phone #: 907-304-1890

Winter Phone #: _____

Email: Bozeman86@hotmail.com

Name and Phone Numbers of Other Operators to work on dredge (if more than one):

Name: / Phone Number: _____

Name: _____ Phone Number: _____

Name: _____ Phone Number: _____

Location of Operator Housing While in Nome: _____

List All Equipment to be Permitted:

	Dredge 1	Dredge 2	Dredge 3
Vessel ID (Name or Number)	<u>High Noon</u>		
Vessel Dimensions	<u>25x55</u>		
Vessel Registration # and State	<u>#: 9378AP State: AK</u>	<u>#:</u> State: _____	<u>#:</u> State: _____
DEC APDES Permit	<u>#:</u>	<u>#:</u>	<u>#:</u>
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches: <u>10"</u> HP: <u>200</u>	Inches: _____ HP: _____	Inches: _____ HP: _____
Mech. Dredge Bucket Volume	Cubic Yards: _____	Cubic Yards: _____	Cubic Yards: _____
Processing Rate	Yds. ³ /Hr: <u>5</u>	Yds. ³ /Hr: _____	Yds. ³ /Hr: _____
Wastewater Discharge Rate	GPM: <u>2000</u>	GPM: _____	GPM: _____
Maximum Water Depth	Feet: <u>30'</u>	Feet: _____	Feet: _____
Average Daily Operating Hours	<u>8</u>		
Operation on Sea Ice	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input type="checkbox"/> No	<input type="checkbox"/> Yes / <input type="checkbox"/> No

***Operations using equipment with a nozzle intake of 6" or less, 23 HP or less and solely operating in open waters are not required to have an APDES number. ***

Authorization for this Operator Valid from ____/____/____ to ____/____/____.

Mineral Property Owner Signature: _____ Date: _____

Mineral Property Owner Printed Name: _____

**Nome Offshore Operator—Supplemental Information
DEC Alaska Pollutant Discharge Elimination System (APDES) Application**

Mineral Property Owner (s): Shawn Pomrenke Dave McKully APMA #: 9520
Lease Tract or Mining Claim Number (s): ADL 17567

Operator Name: Joseph Fullwood

WASTEWATER DISCHARGE PERMIT APPLICATION

All suction dredge and mechanical dredge operations that discharge to a water of the U.S. require an Alaska Pollutant Discharge Elimination System (APDES) permit from DEC.

Do you want this supplement to act as an application or renewal for the following APDES general permit (GPs):

Small-Size Suction Dredge GP (nozzle diameter of 6" or less): Yes / No
Medium-Size Suction Dredge GP (nozzle diameter greater than 6" to 10"): Yes No
Norton Sound Large Dredge GP (nozzle diameter greater than 10" or mechanical dredge): Yes No

Waterbody the discharge flows directly into: Norton Sound

Approximate coordinates of mine site:

Latitude: _____ Longitude: _____

Source (e.g., DNR - Alaska Mapper): _____ Datum: _____

****Please attach a drawing of the operation.****

**Certification Statement – Applicable Only to Information Required for DEC Authorizations
(required for all DEC permit or mixing zone applicants)**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Responsible Party (Operator/Vessel Owner): Joseph Fullwood

Responsible Party Name (First Last, Position) - Printed: Joseph Fullwood

Business Name (if applicable) - Printed: _____

Nome Offshore Operator—Supplemental Information
Operation Sketch

Mineral Property Owner (s): Dave McCully Shawn Pomrake APMA #: 9520

Lease Tract or Mining Claim Number (s): ADL 17567

Operator Name: Joseph Fullwood

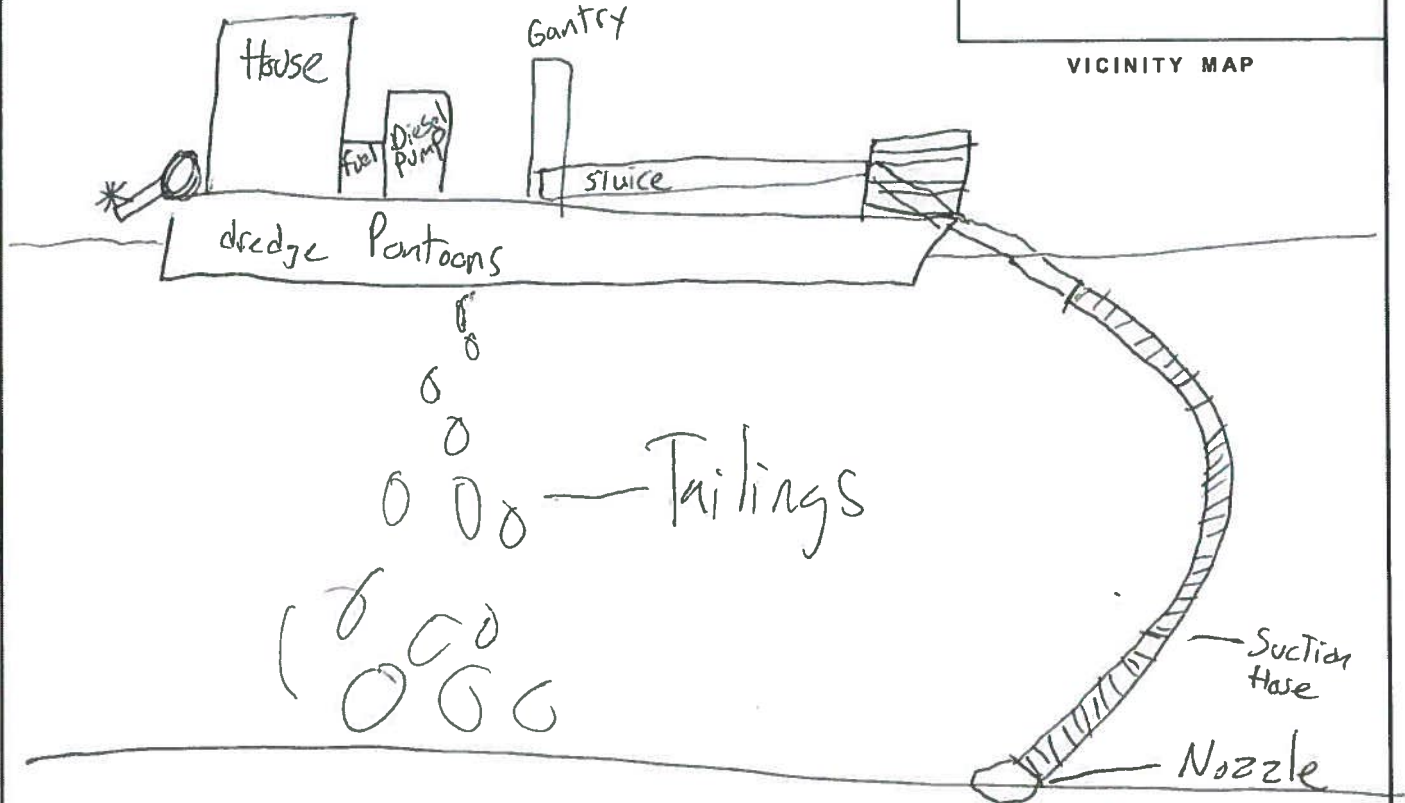
Blank area for the Operation Sketch.

PLAN MAP OF OPERATION *REQUIRED

(30)

10" suction dredge
offshore Nome, 30 ft
depth

VICINITY MAP



Date Prepared:	Applicant Name:
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER	
MAP:	
Sec.(s) _____ Township _____, Range _____, Meridian _____	
Scale: 1" = _____	ADLs:
SHEET OF _____	APMA # _____

(Attach additional sheets, along with detailed explanations as necessary)


NOTICE OF OPERATOR AUTHORIZATION -- MINERAL LOCATIONS

All operators or lease holders submitting APMAs for operations on mineral locations must submit a "Notice of Authorization" from the owner of record. This notice of authorization must name the operator and leaseholder (if different), the mineral properties by their designation (e.g.; ADL, AKFF, USMS, MTRS) and the time frame (beginning and ending dates) for which the authorization remains in effect. The Division of Mining, Land & Water will only issue a mining authorization for private land, per 11 AAC 97.310.(7), after notarized receipt of this Notice. **Please include it with your APMA.**

OPERATOR AUTHORIZATION

APMA# 9520

I, <u>Shawn Pomrenke</u> , OWNER of mineral property(s): List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS). <u>ADL 17867</u> _____ _____ _____ (Attach additional sheet if necessary) Have authorized <u>Joseph Fullwood</u> Address of Operator <u>PO Box 501 Nome, AK 99662</u> to operate on these claims from <u>01 / 01 / 2022</u> to <u>12 / 31 / 2026</u> Owner's Signature <u><i>[Signature]</i></u> Date <u>5-6-2022</u>	Check Type of Mineral Property(s) <input checked="" type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
--	---

NOTARY Subscribed and sworn to before me this <u>6th</u> day of <u>May</u> , 20 <u>22</u> For (owner) (Signature of Notary) <u><i>[Signature]</i></u> My commission expires: <u>With Office</u>	
---	--

OR (If the LESSEE and OPERATOR are not the same, both sections must be completed)

I, _____, LESSEE of mineral property(s) : List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS). _____ _____ _____ (Attach additional sheet if necessary) have authorized _____ to operate on these claims from <u> / / </u> to <u> / / </u> . Lessee's Signature _____ Date _____ Lessee's Address _____	Check Type of Mineral Property(s) <input type="checkbox"/> State ADL <input type="checkbox"/> Federal AKFF/AKAA <input type="checkbox"/> USMS <input type="checkbox"/> MTRS (Native Lands)
---	--

NOTARY: Subscribed and sworn to before me this _____ day of _____, 20 ____. For (Lessee) (Signature of Notary) _____ My commission expires: _____
--

Nome Offshore Operator—Supplemental Information

Supply this information to your mineral property holder for submission to DNR.

Mineral Property Owner (s): Shawn Pomrenke APMA #: 9520

Lease Tract or Mining Claim Number (s): East/West 17867

Operator Name: Ezekiel Tenhoff

Operator Summer Mailing Address:
PO box 1521

Operator Winter Mailing Address:

City: Nome State: AK Zip: 99762

City: _____ State: _____ Zip: _____

Summer Phone #: 9072990503

Winter Phone #: _____

Email: ezeziel.eugene@yahoo.com

Name and Phone Numbers of Other Operators to work on dredge (if more than one):

Name: Jeff Orzechowski

Phone Number: 907-301-7087

Name: _____

Phone Number: _____

Name: _____

Phone Number: _____

Location of Operator Housing While in Nome: _____

List All Equipment to be Permitted:

	Dredge 1	Dredge 2	Dredge 3
Vessel ID (Name or Number)	Synergy	ice dredge	
Vessel Dimensions	55x20		
Vessel Registration # and State	#: 1260666 State: AK AL050 BARE 515	#: _____ State: _____	#: _____ State: _____
DEC APDES Permit	#: AKG374025	#: AKG371395	#: _____
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches: 14 HP: 375	Inches: 8 HP: 75	Inches: _____ HP: _____
Mech. Dredge Bucket Volume	Cubic Yards: — —	Cubic Yards: —	Cubic Yards: _____
Processing Rate	Yds. ³ /Hr: 30	Yds. ³ /Hr: 8	Yds. ³ /Hr: _____
Wastewater Discharge Rate	GPM: 10000	GPM: 30	GPM: _____
Maximum Water Depth	Feet: 40	Feet: 30	Feet: _____
Average Daily Operating Hours	20	20	_____
Operation on Sea Ice	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input type="checkbox"/> Yes / <input type="checkbox"/> No

***Operations using equipment with a nozzle intake of 6" or less, 23 HP or less and solely operating in open waters are not required to have an APDES number. ***

Authorization for this Operator Valid from 1/1/2022 to 12/31/2026.

Mineral Property Owner Signature: Shawn Pomrenke Date: 5-17-2022

Mineral Property Owner Printed Name: Shawn Pomrenke

Nome Offshore Operator—Supplemental Information

DEC Alaska Pollutant Discharge Elimination System (APDES) Application

Mineral Property Owner (s): SHAWN POMRENKE APMA #: 9520

Lease Tract or Mining Claim Number (s): 17867

Operator Name: Ezekiel Tenhoff

WASTEWATER DISCHARGE PERMIT APPLICATION

All suction dredge and mechanical dredge operations that discharge to a water of the U.S. require an Alaska Pollutant Discharge Elimination System (APDES) permit from DEC.

Do you want this supplement to act as an application or renewal for the following APDES general permit (GPs):

- Small-Size Suction Dredge GP (nozzle diameter of 6" or less): Yes / No
- Medium-Size Suction Dredge GP (nozzle diameter greater than 6" to 10"): Yes / No
- Norton Sound Large Dredge GP (nozzle diameter greater than 10" or mechanical dredge): Yes / No

Waterbody the discharge flows directly into: Norton Sound

Approximate coordinates of mine site:
Latitude: 64.5234 N Longitude: 165.6622

Source (e.g., DNR - Alaska Mapper): AK Mapper Datum: NMSS

****Please attach a drawing of the operation.****

Certification Statement – Applicable Only to Information Required for DEC Authorizations (required for all DEC permit or mixing zone applicants)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Responsible Party (Operator/Vessel Owner): 

Responsible Party Name (First Last, Position) - Printed: Ezekiel Tenhoff

Business Name (if applicable) - Printed: _____

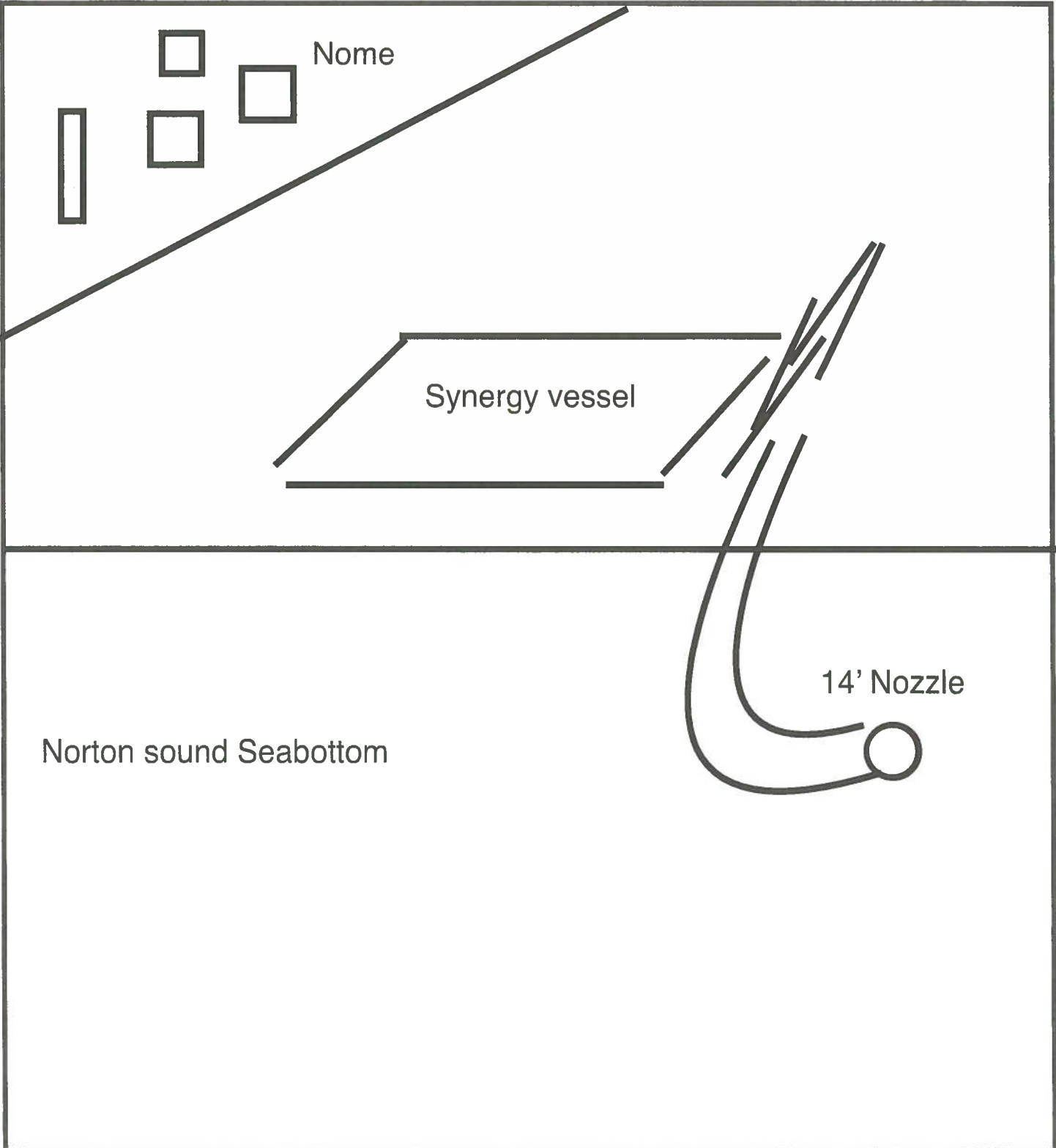
Nome Offshore Operator—Supplemental Information

Operation Sketch

Mineral Property Owner (s): Shawn Pomrenke APMA #: 9520

Lease Tract or Mining Claim Number (s): 17867

Operator Name: Ezekiel Tenhoff



Alaska

Winnig

6 500 x 2

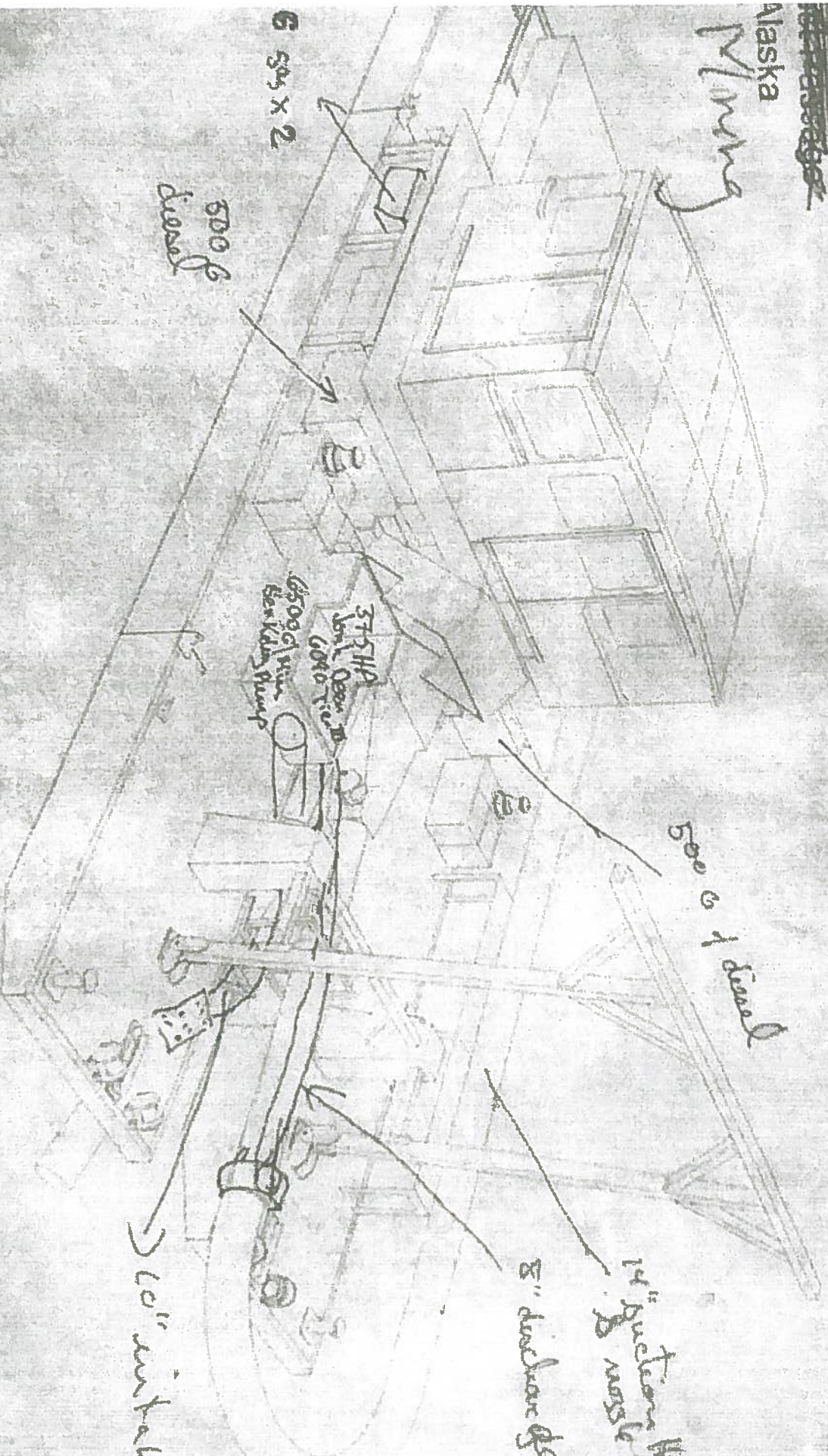
500 lb
diesel

375 HP
John Deere 10
6000 Tractor
5000 gal
Gen. Equip. Pump

500 lb diesel

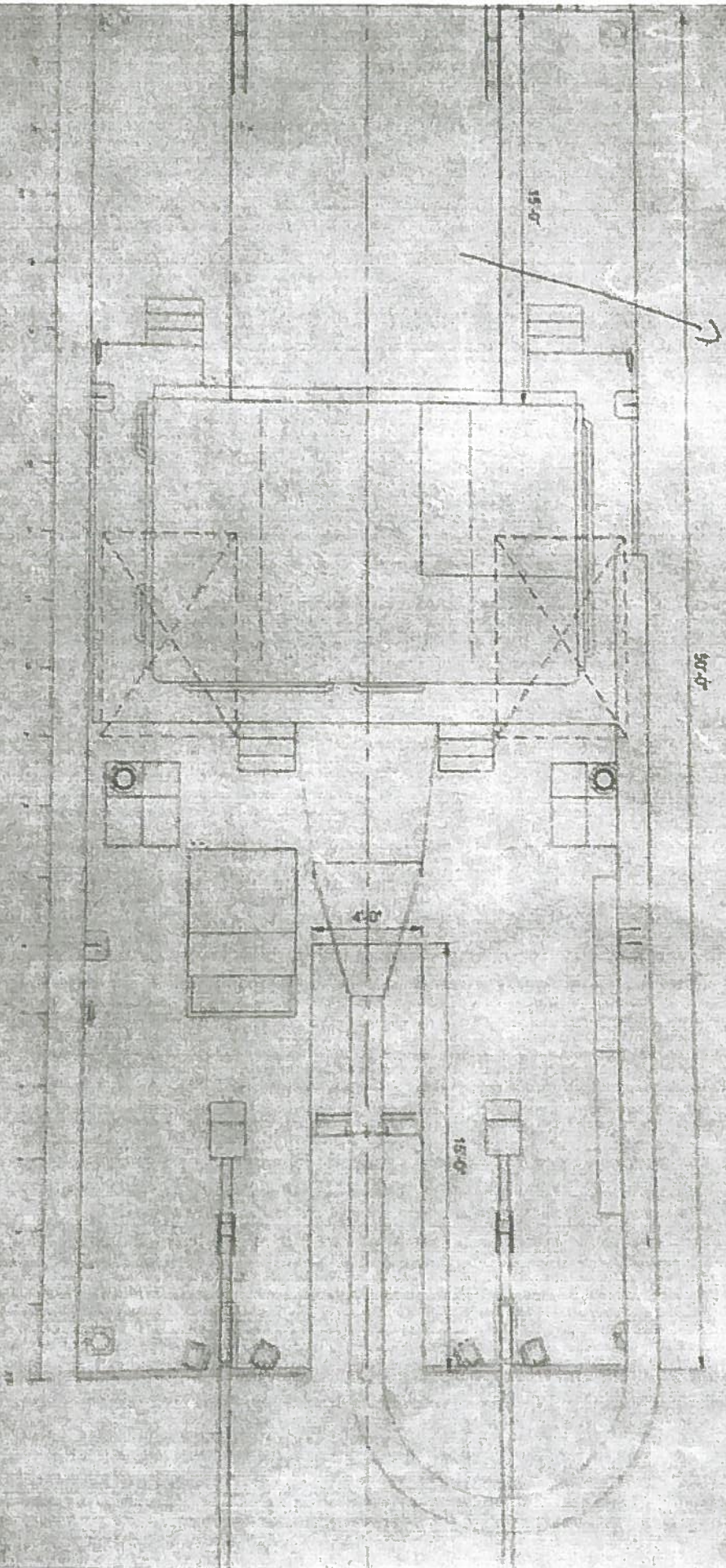
14" duct iron
8" discharge pipe

260" vertical



ATI Mining

5' x 15' Juice box









NOTICE OF OPERATOR AUTHORIZATION – STATE MINERAL LOCATIONS

All operators or lease holders submitting APMAs for operations on State mineral locations must submit a "Notice of Authorization" from the owner of record. This notice of authorization must name the operator and leaseholder (if different), the claims(s) by Name and ADL number(s), and the time frame (beginning and ending dates) for which the authorization remains in force. The Division of Mining, Land & Water will not issue any mining permits until we receive this Notice of Authorization. **Please include it with your APMA.**

OPERATOR AUTHORIZATION

I, Shawn Pomrenke, OWNER of state claim(s):

<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>
<u>East West</u>	<u>17867</u>				

(Attach additional sheet if necessary)

Have authorized Zeke Tenhoff

Address of Operator Mile 5 Beam Rd, Nome, AK 99762

to operate on these claims from 11/1/2022 to 12/31/2026

Owner's Signature [Signature] Date 5-12-2022

NOTARY

Subscribed and sworn to before me this 12th day of May, 2022.

For (owner)

(Signature of Notary) [Signature]

My commission expires: 10/25/2023

STATE OF ALASKA
NOTARY PUBLIC
Sara Swimeley
My Commission Expires: 10/25/23

OR (If the LESSEE and OPERATOR are not the same, both sections must be completed)

I, _____, LESSEE of state claim(s):

<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>	<u>Claim Name</u>	<u>ADL Number</u>

(Attach additional sheet if necessary)

have authorized _____ to operate on these claims from ___/___/___ to ___/___/___.

Lessee's Signature _____ Date _____

Lessee's Address _____

NOTARY:

Subscribed and sworn to before me this ____ day of _____, 20 ____.

For (Lessee)

(Signature of Notary) _____

My commission expires:

2021 ANNUAL RECLAMATION STATEMENT

(33)

- Placer Mining
- Suction Dredging
- Hardrock Exploration

APMA # 9520

Complete and return this statement by December 31, 2021. If you did not operate, fill in your name, check bottom box, sign, and return form.

In accordance with AS 27.19 (Reclamation Act):

I, Cris McCully hereby file an annual reclamation statement for the 2021 mining operation described in subject Application for Permits to Mine in Alaska. (Submission of this statement does not constitute reclamation approval.)

Volume of material disturbed in 2021: 3,000 cubic yards (Includes strippings and processed material.)

Sluice days last season: 50 Cubic yards of material processed daily: 60 Annually: 3,000

Total acreage disturbed in 2021: State 2, Federal _____, Private _____. (Includes stripped areas, mining cuts, overburden and tailing stockpiles and disposal areas, temporary stream diversions, stream bypasses, and settling ponds.) Federal operators should include area of camp and access roads.

Length _____ feet and Width _____ feet of stream diversion.

Stream diversion: Temporary Permanent No Diversion (check one).

Total Area reclaimed in 2021: 2 acres.

Total un-reclaimed acres: 0 (This should match "total acreage currently disturbed" on the 2022 Reclamation Plan Form.)

For areas reclaimed, the following reclamation measures were used (check only measures that were used).

You must include photographs or videotapes of the completed reclamation work:

- Spread and contoured tailings
- Spread topsoil, vegetation, overburden muck or fines on the surface of contoured tailings
- Reestablished flood plain with stream channel in stable position
- Ponds are reclaimed
- Backfilled and reclaimed temporary stream diversions
- Camp removed, cleaned up and left free of debris
- Hardrock Exploration: Complete and submit an electronic Annual Reclamation Report

Other Reclamation Measures Taken:

areas self reclamated, suction dredging

Did not operate in 2021 and therefore did not conduct reclamation.

Relationship to Claim(s)

Owner Lessee Operator

Signed Cris McCully Date Nov 15 2021

Agent For: Bering Subsea

2021 ANNUAL RECLAMATION STATEMENT

(33)

- Placer Mining
- Suction Dredging
- Hardrock Exploration

APMA # 9520

Complete and return this statement by December 31, 2021. If you did not operate, fill in your name, check bottom box, sign, and return form.

In accordance with AS 27.19 (Reclamation Act):

I, Shawn Pomrenke hereby file an annual reclamation statement for the 2021 mining operation described in subject Application for Permits to Mine in Alaska. (Submission of this statement does not constitute reclamation approval.)

Volume of material disturbed in 2021: 16,800 cubic yards (Includes strippings and processed material.)

Sluice days last season: 2 Cubic yards of material processed daily: 800 Annually: 16,800

Total acreage disturbed in 2021: State _____, Federal _____, Private _____. (Includes stripped areas, mining cuts, overburden and tailing stockpiles and disposal areas, temporary stream diversions, stream bypasses, and settling ponds.) Federal operators should include area of camp and access roads.

Length _____ feet and Width _____ feet of stream diversion.

Stream diversion: Temporary Permanent No Diversion (check one).

Total Area reclaimed in 2021: _____ acres.

Total un-reclaimed acres: _____ (This should match "total acreage currently disturbed" on the 2022 Reclamation Plan Form.)

For areas reclaimed, the following reclamation measures were used (check only measures that were used).

You must include photographs or videotapes of the completed reclamation work:

- Spread and contoured tailings
- Spread topsoil, vegetation, overburden muck or fines on the surface of contoured tailings
- Reestablished flood plain with stream channel in stable position
- Ponds are reclaimed
- Backfilled and reclaimed temporary stream diversions
- Camp removed, cleaned up and left free of debris
- Hardrock Exploration: Complete and submit an electronic Annual Reclamation Report

Other Reclamation Measures Taken:

Reclamation is done concurrently with mining

Did not operate in 2021 and therefore did not conduct reclamation.

Relationship to Claim(s)

Owner Lessee Operator

Agent For: _____

Signed _____ Date _____

2022 RECLAMATION PLAN FORM (SUCTION DREDGE EXPLORATION)

<input checked="" type="checkbox"/> A. RECLAMATION PLAN (REQUIRED if the operation will disturb five or more acres this year, OR 50,000 cubic yards, OR if the operation has a cumulative disturbed area of five or more acres).	<input type="checkbox"/> B. RECLAMATION PLAN VOLUNTARY (for an operation below limits shown in Box A but wanting to qualify for the statewide bonding pool. (Operations on BLM Lands and others not filing Letter of Intent).	<input type="checkbox"/> C. LETTER OF INTENT (34) (less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).
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In accordance with Alaska Statute 27.19, reclamation is required of all mining operations. Reclamation bonding is required of operations with disturbance of 5 acres or greater. Completion of this application will meet the requirements for a "Reclamation Plan" for operations 5 acres and larger in size and for a "Letter of Intent To Do Reclamation" for operations under 5 acres. If you do not intend to use the reclamation methods presented below, you must provide additional information concerning your plans for reclamation under separate attachments.

Total acreage currently disturbed: 0 acres. This should match: "Total Unreclaimed Acres" on your 2021 Annual Reclamation Statement for Small Mines, or line #7 on your 2022 Bond Pool Renewal Form. Disturbed ground includes all unreclaimed mining and exploration activity (excluding camps and roads) since October 1991. Federal operators must include areas of camps and roads.

New acres to be disturbed in 2022 15 acres. Total acreage (currently disturbed plus new acres): 15 acres.

Acreage disturbed by land status: 15 State (general) _____ State (Mental Health) _____ Private _____ Federal _____

Total acreage to be reclaimed in 2022 15 acres; Total volume of material to be disturbed in 2022: 60,000 cubic yards.

Include strippings and overburden to be removed. Cubic yards = Length (yards) x Width (yards) x Depth (yards).

Reclamation will be conducted concurrently with activity. Reclamation will be conducted at the end of the season.

THE FOLLOWING RECLAMATION MEASURES SHALL BE USED:

(These measures are required by law. Those that do not apply may be crossed out; but, an explanation must be given.)

Stream Suction Dredge Operations:

- Reclamation will be completed prior to the end of the mining season. Reclamation will consist of leveling or contouring all gravel bar and stream bed tailings. Tailings will be left in such a manner that spring run-off will level the tailings without causing undue erosion.
- In no case will tailing piles extend more than 18 inches above the water surface at the end of the mining season.
- Prior to the end of the mining season, tailing piles, berms, or wing dams will be removed or left in such a manner to allow unrestricted passage of fish and flood waters.
- Other: _____

Offshore Suction Dredge Operations:

- Tailings discharged from the dredge to the lake, channel, sound, bay or sea floor will be placed in a manner that will approximate the adjacent floor surface. The dredge shall be moved as necessary to allow for the proper low-profile distribution of tailings.
- Tailings will be placed in a manner that will maintain a water depth suitable for safe passage of traffic.
- Other: _____

Generally:

- On all state lands, all buildings and structures constructed, used, or improved will be removed, dismantled, or otherwise properly disposed of unless the surface owner or manager authorizes that the buildings and structures may stay.
- On state lands, all scrap iron, equipment, tools, piping, hardware, chemicals, fuels, waste, and general construction debris will be removed or properly disposed of.
- Reclamation measures taken will be consistent with any alternate post mining land use approved by the Commissioner, subject to the provisions of 11 AAC 97.300(h) and the conditions (if any) of an approved reclamation plan.

IMPORTANT: 1. Alternative reclamation measures may be approved if the reclamation measures presented above are not applicable to your site. Please explain in separate correspondence. Submit a sketch and describe additional reclamation measures you propose to conduct at your operation. Reclamation measures must comply with AS 27.19.

BONDING: In accordance with AS 27.19, bonding is required for all operations having a mined area of \geq five acres on State Land. This area must be bonded for \$750.00 per acre, unless the miner can demonstrate that a third party contractor can do the needed reclamation for less. The Statewide Bonding Pool may be joined by completing a bond pool application form and meeting certain requirements. No reclamation plan approval goes into effect until the bonding pool deposit and annual nonrefundable fees are paid. Use bond form to calculate area of disturbance for bonding.

BLM requires that a reclamation plan be consistent with §43 CFR 3809.420, Performance Standards for the Surface Management regulations for Federal Operations. Refer to 43 CFR 3809 or the BLM minerals website available at <https://www.blm.gov/programs/energy-and-minerals/mining-andminerals> for more information on what is needed for a reclamation plan on Federal lands, as they may be different than those identified above.

<p align="center"><u>Shawn Pomrenke</u></p> <p>Printed name (Applicant)</p> <p>_____ Signature (Applicant)</p>	<p>Relationship to Mineral Property:</p> <p><input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Operator</p> <p><input type="checkbox"/> Agent For: _____</p>	<p>Date: <u>may 4 2022</u></p> <p>APMA #: <u>9520</u></p>
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**STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
STATE WIDE BOND POOL FORM**

APMA # 9520

Northwest Goldiggers LLC

Name
P.O. box 2005

Mailing Address
Nome AK 99762

City State Zip Code

Submits unto the State of Alaska, Department of Natural Resources, the sum of
\$ 2250.00 DOLLARS

for payment into the State Wide Bonding Pool to meet the bonding requirements of Alaska Statute 27.19 for mining activity located on claim numbers
ADL 17867 east and west tract

These claims are located within legal description (Township, Range, Section, Meridian)
see attached exhibit A

This bond amount was calculated as follows:

For **Federal Claims**: The total area of the mining operation, including camp site, access roads, unreclaimed areas, and areas to be stripped for mining next season is N/A acres. Acreage should be rounded to the next whole acre. This acreage must include all areas disturbed by mining operations after January 1, 1981, that have not been approved as reclaimed by BLM. If a mining operation disturbs a previously mined area, that area must also be included in the acreage to be bonded.

For **State and Patented Claims**: The active mining disturbance, not including camp and access roads is 15 acres (acreage should be rounded to the next whole acre). This includes all areas that are part of the mining operation; including stripped areas, mining cuts, overburden and tailing stockpiles and disposal areas, temporary or permanent stream diversions, and settling ponds. This acreage must include all areas disturbed by a mining operation after October 15, 1991 that have not been approved as reclaimed by ADNR. If a mining operation disturbs a previously mined area, that area must also be included in the acreage to be bonded.

Refundable bond deposit (new): 15 acres X \$112.50 = \$ 1687.50

Nonrefundable bond pool annual fee (new): 15 acres X \$ 37.50 = \$ 562.50

Total \$ 2250.00

Make check payable to 'Department of Natural Resources'. Sign and return form with applicable fees to: DNR - Mining: 550 W. 7th Ave. Suite 900B, Anchorage, AK 99501-3577 or 3700 Airport Way, Fairbanks, AK 99709-4699.

[Signature] 5-6-2022
Signed - Miner Date

[Signature] 5/18/2022
ADNR - Division of Mining, Land & Water Date

BLM - Bureau of Land Management Date