STATE OF ALASKA
2026
Application for Permits to Mine in Alaska (APMA)

☐ Single Year ____ ☑ Multi-year Start: 2026 Finish: 2035 APMA Number (A/F/J,Year,****) 9847

What type activity are you planning to perform? *REQUIRED (1)

☑ Suction Dredging/Reclamation
☑ Placer Mining/ Reclamation
☐ Hardrock Exploration/ Reclamation
☐ Reclamation Only
☐ Access

Surface estate of mineral properties: *REQUIRED (2)

☑ State (General)
☐ Federal
☐ State (Mental Health)
☐ Private
☐ City or Borough

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

Name: Mathew Herman
Address: P.O. Box 788
Nome, AK 99762
Primary Phone Number: 715-360-1252
Secondary Phone Number:
Email: mathewherman13@gmail.com

Click here for the Department of Commerce Link

Alaska Business/Corporation Entity#
Registered Agent (Corp./LLC/LP)

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

Name:
Address:
Primary Phone Number:
Secondary Phone Number:
Email:

Alaska Business/Corporation Entity#
Registered Agent (Corp./LLC/LP)

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

Name:
Address:
Primary Phone Number:
Secondary Phone Number:
Email:

Alaska Business/Corporation Entity#
Registered Agent (Corp./LLC/LP)

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

Name:
Address:
Primary Phone Number:
Secondary Phone Number:
Email:

Attach a separate sheet for additional contacts

Alaska Business/Corporation Entity#
Registered Agent (Corp./LLC/LP)

Project Name If Applicable: (7)

Average Number of Workers: *REQUIRED (8)
2

Start-Up/Shut Down: (Month/Day) (9)
6/1 to 10/31

Mining District: *REQUIRED (10)
Nome - Cape Nome

Applicable USGS Map(s): *REQUIRED (11)
Bendeleben C-6

On What Stream Is This Activity? (12)
Salmon Creek

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

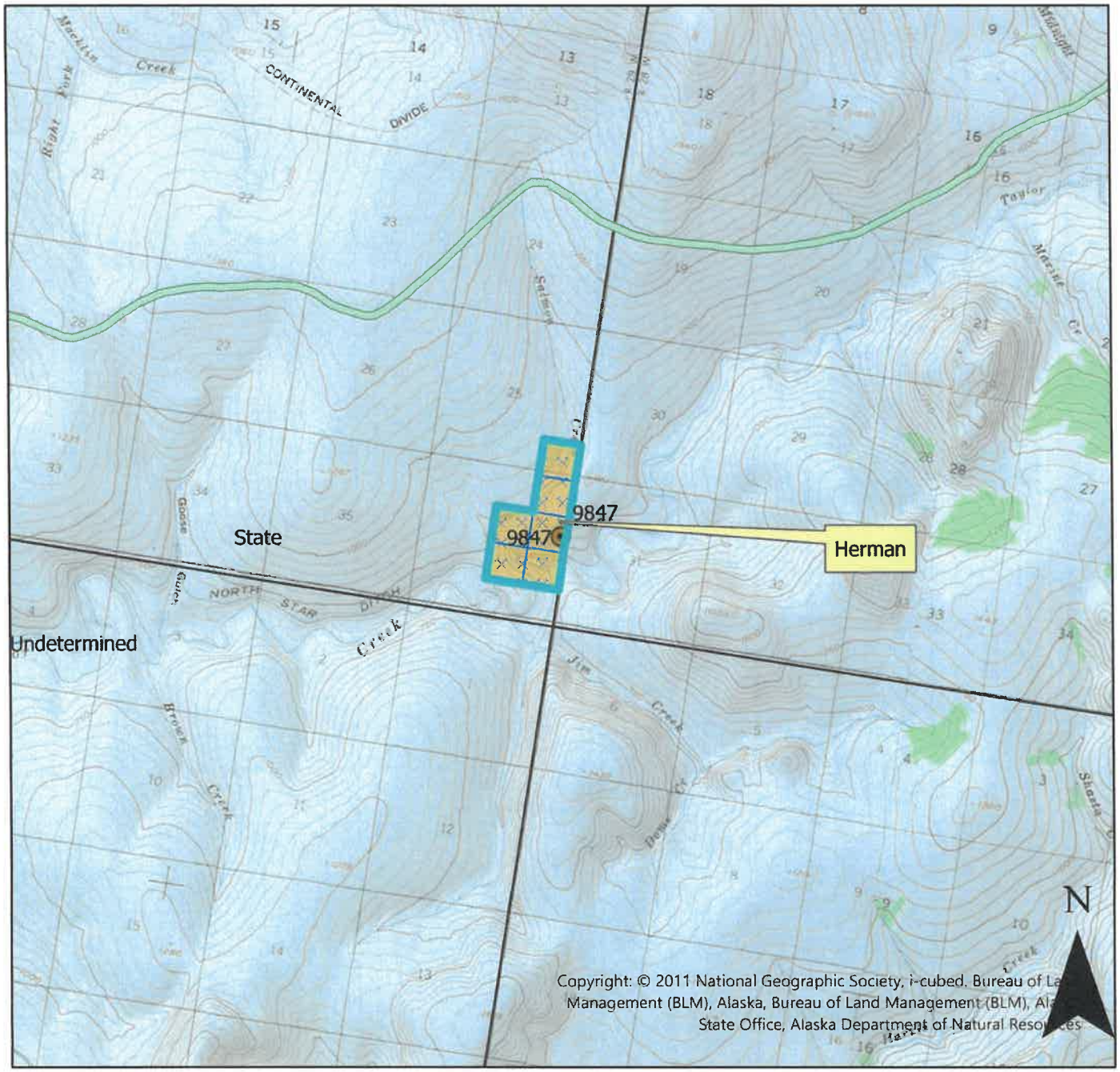
Meridian: K
Township: 004N
Range: 029W
Section: 25 and 36

Internal Use Only:

State of Alaska
Natural Resources
AUG 26 2026
Mining Section
RECEIVED

Internal Use Only:
Date Application Received Complete: 26 Aug 26 Adjudicator: LAS Entry:
Sec 3 CID: 69873 Sec 4 CID: Sec 5 CID: Sec 6 CID:

APMA 9847 Active Area



This map was created on 8/25/2026 by the Alaska Department of Natural resources as a courtesy to supplement the application received. This map displays a graphical illustration only. Source documents remain the official record.

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Scale: 1:63,360

Legend

APMA_Type

APMA_Project

Mechanical Placer Mining

BLM AK Federal Mining Claims (Active)

BLM AK Federal Mining Claims (Active)

State Mining Claim Active

State Mining Claim Pending

State Mining Claim Active

State Mining Claim Active

State Mining Claim Pending

State Mining Claim Pending

Access Route

0 0.75 1.5 Miles

Center: 164°35'21"W 65°42'21"N

MV_ST_MINING

Source: Alaska Department of Natural Resources, Information Resource Managment

Case ID	Case Status Description	Case Type Description	Claim Name	Customer Name	Notepost Date	Special Code Description	Total Acres
ADL 743616	Active (35)	Mining Claim (713)	S1	Herman Mathew	04-FEB-26	Mining Claim (MC)	40
ADL 743617	Active (35)	Mining Claim (713)	S2	Herman Mathew	04-FEB-26	Mining Claim (MC)	40
ADL 743618	Active (35)	Mining Claim (713)	S3	Herman Mathew	04-FEB-26	Mining Claim (MC)	40
ADL 743619	Active (35)	Mining Claim (713)	S4	Herman Mathew	04-FEB-26	Mining Claim (MC)	40
ADL 743620	Active (35)	Mining Claim (713)	S5	Herman Mathew	04-FEB-26	Mining Claim (MC)	40
ADL 743621	Active (35)	Mining Claim (713)	S6	Herman Mathew	04-FEB-26	Mining Claim (MC)	40

END OF REPORT

Report Information

Source ID	60
Source Name	MV_ST_MINING
Source Description	
Run Date and Time	08/25/2026 03:20:36 AKDT
Record Count	6

SQL Statement

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CASE_ID,CASE_STATUS,CASE_STATUS_DESCRIPTI
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MINERAL PROPERTIES LIST (14)

Properties that have previous mining disturbance requiring reclamation, active mining/exploration activities, surface improvements, location of a camp, or provides access through the claim block for mining activities. DO NOT LIST CLAIMS UNLESS LISTED ACTIVITIES ARE ASSOCIATED WITH THEM.

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.	743616	S1	7.		
2.	743617	S2	8.		
3.	743618	S3	9.		
4.	743619	S4	10.		
5.	743620	S5	11.		
6.	743621	S6	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.

	Make, Model, Type, Size, Purpose of Equipment or Pump	Quantity of this type	Check One: Located on the claim block?	Check One: Transporting to claim block?
1.	CAT 305E2 CR Excavator - Stripping/reclamation	1		✓
2.	10' x 3' trommel and trailer - Sluicing	1		✓
3.	Keene 6" Twin GX200 Honda Mini Dredge - Dredge	1	✓	
4.	2013 Polaris Big Boss 800 6x6 - Transportation	1		✓
5.	2014 Polaris Ranger 800 6x6 - Transportation	1		✓
6.	3" Landhonor Water Pump	1		✓
7.				
8.				

ACCESS TO THE 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.

When are you going to be transporting equipment and/or traveling to and from the claim block? ☑ Winter ☑ Summer

Access to the claim block crosses what type of land(s)?

State ☑ City/Borough ☐ Federal ☐ Private ☐

Indicate type(s) Existing Access to the claim block:

☑ All season Road (These are public easements maintained by municipal, borough, private, or state funds for year round use). List road(s) to claim block: Nome - Taylor HWY

☑ Existing Route or a RST/ RS 2477 Easement with a mineral base surface.
If the RST/ RS 2477 Easement(s) has a State of Alaska number, please list: Nome-Taylor HWY

☐ Navigable Waterway

☑ Aircraft Supported

Indicate type(s) of access to be constructed within the claim block for development of the mineral resource:

Road(s) ☐ Helicopter Pad ☐ Airstrip ☑ No Improvments or Construction Proposed ☐

ACCESS TO THE CLAIM BLOCK, CONTINUED (16)

Please describe your construction activities and include mitigation measures to protect water, fish and game resources. Include a time frame for final closure and a reclamation plan for access within the claim block. Attach additional pages if necessary:

N/A

A access map **MUST** be submitted with your application. Topographic maps at a scale of 1"=1 mile must clearly indicate the proposed access route from start to finish, location of proposed construction activities, and appropriate legal descriptions (township and range) on each map sheet. Paper size should be limited to 8 ½" x 11". Do not tape maps together.

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

Mathew Herman

List all equipment and vehicles conducting travel to/from the claim block, including vehicle weights and season of travel:

2013 Polaris Big Boss 800 6x6 - 1060 pounds, Summer
2014 Polaris Ranger 800 6x6 - 1550 pounds, Summer

State the average total miles traveled in one round trip: 110. State the number of trips proposed: 10.

State the start and end date(s) or period(s) of proposed travel: 6/1-10/31.

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 Water Source: _____

Are you transporting fuel? ☑ Yes ☐ No

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

250 gal

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

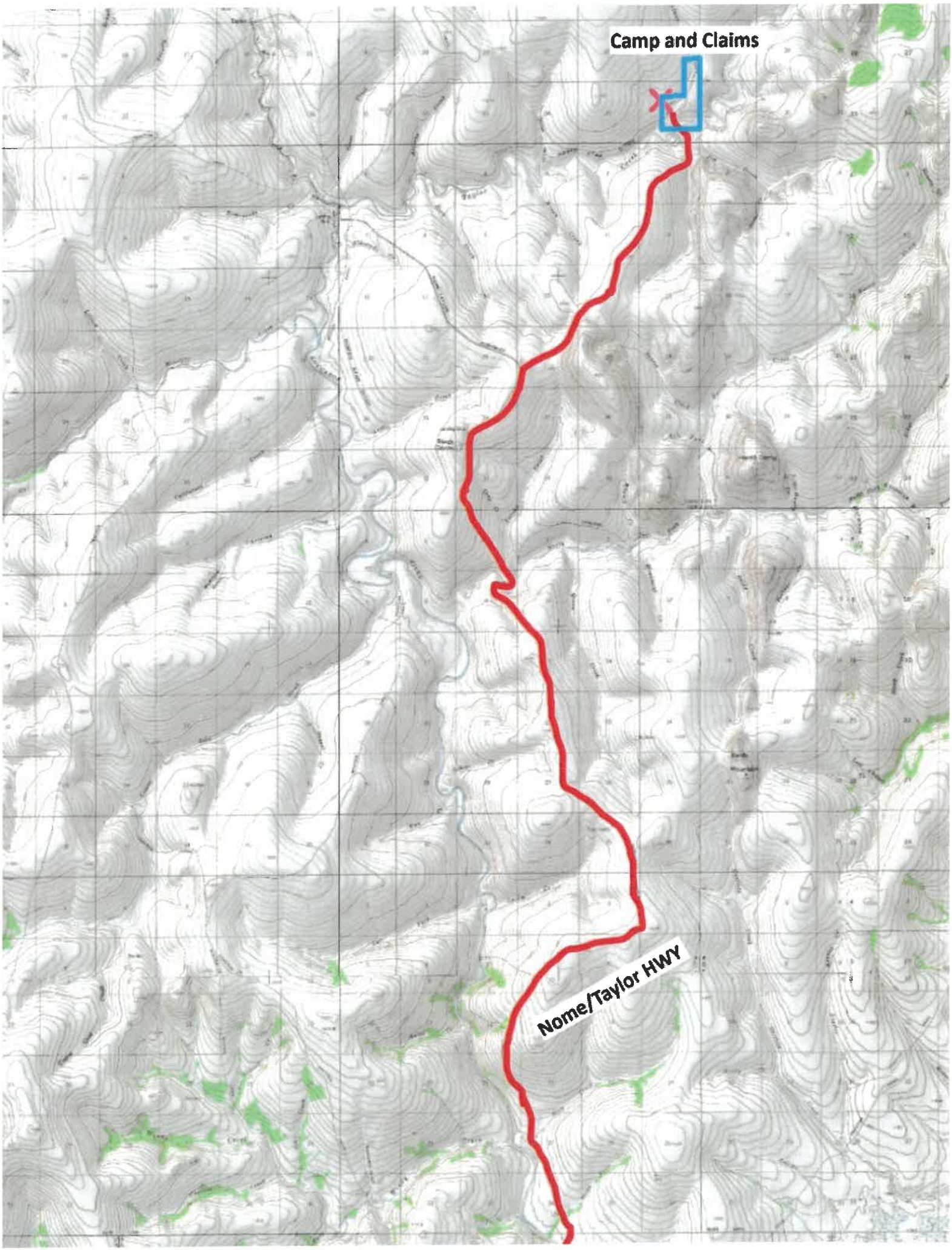
5 gal motor oil + 10 gal hydraulic oil in 5 gal pales and one case of grease

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

60 gal transfer tank, 55 gal drums, and 5 gal gas cans

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

Hauled in a transfer tank or drum on the Polaris 6x6


Camp and Claims
Nome/Taylor HWY

ACCESS TO CLAIM BLOCK CONTINUED (16)

Does your 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.

N/A

PETROLEUM PRODUCT STORAGE (17)

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:

Risk of oil and fuel spillage will be avoided by maintaining leak proof containers and using electric pumps to pump petroleum products when possible. Oil and fuel absorbent and absorbent pads will be ready in case of any spillage.

Quantitiy Petroleum Products to 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 with a capacity of 55 gallons or greater). 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.epa.gov/oil-spills-prevention-and-preparedness-regulations/tier-i-qualified-facility-spcc-plan-template.

☐ 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: 125 Feet. (Minimum distance from naturally occurring water bodies required by DNR is 100 feet).

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

BLM operators submitting a plan of operation must submit a spill contingency plan. Notice level operations are encouraged to submit a spill contingency plan. The optional BLM Spill Contingency Plan can downloaded from: https://www.blm.gov/sites/blm.gov/files/BLM-AK_spill-contingency-plan_APMA_worksheetSup.pdf

TEMPORARY STRUCTURES/FACILITIES (18)

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 their 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: 100 Length (feet) 100 Width (feet).

☐ Request use of **existing** facilities, list ADL(s): ____

☐ Year-Round ☐ Seasonal, from Approx. ____ to ____, annually.

☑ Request to place **new** temporary structures, list ADL(s): 743618

☑ Year-Round ☑ Seasonal, from Approx. 6/1 to 10/31, 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	1		Cabin	18' x 18'		
Tent	1		Cooking	12' x 10'		
Trailer						
Platforms						
Out-Buildings	2		Shop/storage	10' x 10'	20' x 20'	
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):

Pit privy for workers. ____

Solid Waste - Describe the types of waste that will be generated on-site including garbage, scrap metal, industrial; and describe its disposal method. Note: For on-site disposal on state land, additional authorization is required by DEC and DNR outside of the APMA.

All waste that is generated on site will be disposed of in Nome at the landfill. ____

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: 100'

Will there be any use of animals (horses, dogs, goats/sheep, etc)? ☐ Yes ☑ No

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

All structures, equipment, fuel storage tanks, and items related to mining will be removed from the claim after mining is complete in 2035. Structures will be dismantled and removed. Equipment and supplies will be hauled off the mine and back to Nome. Nothing will be left on the claims.

MINING METHOD (19)

☑ Mechanical Placer Mining (e.g., terrestrial open-cut operations with dozer or excavator, etc.)
Estimated cubic yards processed annually: 49k cubic yards
☑ 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)	N/A					
Vessel Dimensions	118" x 60" x 38"					
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches: 6	HP: 13	Inches:	HP:	Inches:	HP:
Mechanical Dredge Bucket Volume	Cubic Yards: N/A		Cubic Yards:		Cubic Yards:	
Processing Rate	Yds.^{3}/Hr.: 10		Yds.^{3}/Hr.:		Yds.^{3}/Hr.:	
Wastewater Discharge Rate	GPM: 300		GPM:		GPM:	
Maximum Water Depth	Feet: 20		Feet:		Feet:	
Average Daily Operating Hours	1.5					
Operation on Sea Ice (Yes/No)	Yes ☐ / No ☑		Yes ☐ No ☐		Yes ☐ / No ☐	
Vessel Registration # / State	#: N/A	State:	#:	State:	#:	State:

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

PLACER EXPLORATION DRILLING AND TEST PITS (20)

Please provide topographic maps showing drilling and/or test pit locations that corresponds with the table below. Maps should (at minimum) have labeled Mineral Properties and labeled locations of proposed activities. Methodology and reclamation of exploration activities must be described in the placer narrative.

Test Pits: ☑ **Yes** ☐ **No**

Estimated number of pits to be excavated: 8 . How long will the test pit be open if not converted into an active mine cut? 1 month .

Average Size: Length: 150 Ft . Width: 25 Ft. Depth: 25 Ft.

Placer Drilling: ☐ **Yes** ☑ **No**

Total number of holes to be drilled: _____ Type of drill(s) used: _____

Drilling and Test Pit Identification and Mineral Property Information	
Trench/Hole ID on Map	ADL/BLM/USMS NUMBER
T1	743616
T2	743617
T3	743617
T4	743618
T5	743618
T6	743619
T7	743620
T8	743621

If more than 8 Pits/drill sites, please provide data in tabular format

EXPLOSIVES (21)

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.

WATER ENTRAPMENT (22)

Will you be capturing water for use in mining operations? ☑ Yes ☐ No The entrapment is: ☐ Existing ☑ To be constructed

Where does the water have a potential to being stored? ☐ Above ground ☑ Below ground level ☐ Both

If above ground, what is the Length ____ ft Height ____ ft Width at crest ____ ft Width at base ____ft of the berm(s)

What is the purpose of the water use? ☐ Makeup water pond ☑ Settling/recycle pond ☑ Stream diversion Other_____

How long do you expect for the entrapment to be in place ☐ Permanent ☐ 1-3 years ☐ 3-5 years ☑ 5 or more

If above ground, how many acre-feet is the maximum capacity of water stored from ground level to crest of the berm?_____

Total volume in acre-feet = surface area (acres) x average depth (feet) (1 acre = 43,560 square feet)

Where is the topographic location of the water storage area? ☑ Valley bottom ☐ Hillside

If on a hillside, Approximately how many feet is the water storage above the valley floor_____ft

IN-STREAM ACTIVITIES and STREAM CROSSINGS (23)

List any equipment (refer to Box 15 if necessary) that will be crossing streams (including low-water crossings along established trails/roads) or used in any natural waterbody or used in-stream:

ATV crossings and dredging

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.	Taylor River	65°41'42.4"N	164°35'33.9"W	K003N029W01 NENE	✓		
2.	Salmon Creek	65°42'14.6"N	164°36'05.1"W	K004N029W36 SENW	✓	✓	✓
3.							
4.							
5.							

If in-stream activities and/or stream crossings are requested at more than 5 locations, please provide tabular data format.

WATER USE AUTHORIZATIONS

If water is impounded, withdrawn, or diverted, the ADNR Water Resources Section needs to review the water sources and water uses to determine if a water use authorization is needed. Water usage (including from 100% recycle pond systems) may require approval by issuing a Temporary Water Use Authorization (TWUA) 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 TWUA application may be initiated from this APMA, unless a Water Right is requested. Please contact the ADNR, Water Resources Section at telephone number (907) 451-2790 for more information.

- Is there a current Water Right within the proposed mineral property boundary? Yes ☐ No ■
- If yes, provide the LAS or ADL Water Right Case File number: _____
- What are the months of water use needed (for example May 1st through October 31st)? 6/1 - 10/31

Name & Location of Water Source(s):

- If water is required ***to fill*** or ***to maintain*** water in the recycle/settling pond system check the applicable box (table below in part A) for each water source used. Please note that a recycle/settling pond system is a water source (5 sources per TWUA). Stormwater from rainfall or snowmelt do not require water use authorizations.
- Identify each water source and its geographic location using MTRS. Include Lat/Long coordinates if available.

Example: Finger Lake: Fairbanks Meridian, Township 3 North, Range 3 West, Section 20.
MTRS: F3N3W 20
Lat/Long: 65° 4' 15" N; 148° 12' 43" W

A. Name & Location of Water Source(s). No more than 5 water sources per TWUA. Attach list of additional sources if needed. A $450 fee is associated with each TWUA. The APMA paperwork is all that is needed to apply for TWUAs. For example, if there are 20 sources listed in the APMA, 4 TWUA case files will be generated.
When submitting an APMA, a separate Application for Temporary use of Water form is not needed.

Provide the geographic name or locally know name of water Source. *(Recycle/settling ponds, creek, stream, well, etc.)* If requesting a stream reach, clearly identify the entire stream reach on a legible map.	Meridian	Township	Range	Section(s)	Start-Up Water and/or Make-Up Water? Check each applicable box.			
Example: Unnamed Creek	F	3N	3W	20	Start-Up	X	Make-Up	X
1. Salmon Creek	K	004N	29W	36	Start-Up	✓	Make-Up	☐
	Latitude: 65.70505			Longitude: -164.60122				
2. Settling pond 1 (P1)	K	004N	29W	36	Start-Up	☐	Make-Up	✓
	Latitude: 65.70224			Longitude: -164.59809				
3. Settling pond 2 (P2)	K	004N	29W	36	Start-Up	☐	Make-Up	✓
	Latitude: 65.70504			Longitude: -164.60193				
4. Settling pond 3 (P3)	K	004N	29W	36	Start-Up	☐	Make-Up	✓
	Latitude: 65.71075			Longitude: -164.59447				
5.					Start-Up	☐	Make-Up	☐
	Latitude:			Longitude:				

WATER USE AUTHORIZATIONS CONT. (24)

B. Water Use Activities. Complete applicable information for each source. For recycle/settling pond system complete part **C. Recycle/Settling Pond System.** For stream diversions also complete Section 29.

Geographic Name of Water Source *(Same as sources Above).* Describe the water use information for each source. For recycle/settling pond system complete Section C.	**Diversion (gpm/cfs)**	**Withdrawal Rate (gpm/pump)**	**Number of Pumps**	**Hours per Day**	**Days per Month**
1. Salmon Creek		243	1	8	15-30
2.					
3.					
4.					
5.					

C. Recycle/Settling Pond System	**Withdrawal Rate (gpm/pump)**	**Number of Pumps**	**Hours per Day**	**Days per Month**	**Additional Notes:**
This system will also need to be listed as a water source in Section A. This entire pond system counts towards the 5 sources allowed per TWUA. Provide Length (L), Width (W), and Depth (D), of each pond. Beaver ponds or similar nature made impoundments will not be permitted for use as settling ponds.	243	1	8	15-30	
	Pond # 1: L: 25 ft W: 25 ft D: 4 ft			Pond # 2: L: 25 ft W: 25 ft D: 4 ft	
	Pond # 3: L: 25 ft W: 25 ft D: 4 ft			Pond # 4: L: ft W: ft D: ft	

D. Camp Water Uses	**Maximum # of People in Camp**	**Withdrawal Rate (gpm/pump)**	**Number of Pumps**	**Hours per Day**	**Days per Month**	**Source(s) of Water** Well, Haul, Stream, Spring, Lake Source(s) will count towards the 5 sources identified in Section A.
Provide information on camp water uses. If an ADEC public drinking water system is used, please attach certificate to operate and/or associated documents.	4	1	0	0	0	Stream
	Additional Notes: Drinking and cooking					

WATER USE AUTHORIZATIONS CONTINUED

(24)

E. Exploration Activities	Is Water Needed for Exploration Trenching or Drilling?	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Source(s) of Water Well, Haul, Stream, Spring Lake, etc. Source(s) will count towards the 5 sources identified in Section A.
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.	N/A					

D. SUCTION DREDGING.

If suction dredging activity is occurring, please ensure that you have completed the dredge table in Section (19) MINING METHOD.

TIMBER CLEARING AND USE

(Operations on State Lands Only)

(25)

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 developement 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 ares of timber to be cleared.

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 (26)

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 https://dec.alaska.gov/water/edms.

Previously issued DEC-APDES Wastewater discharge permit #: SSD-250147

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: Salmon Creek

Approximate coordinates of mine site:

Latitude: 65°42'14.6"N Longitude: 164°36'05.1"W

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

*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: *Mathew Herman*

Responsible Party Name (First Last, Position) - Printed: Mathew Herman

Business Name (if applicable) - Printed: _____

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.

The Supplements are available at: **https://www.poa.usace.army.mil/Missions/Regulatory/Placer-Mining/**

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.

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

Latitude: 65°42'14.6"N Longitude: -164°36'05.1"W

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

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 further 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:

Mathew Herman	*Mathew Herman*	8/19/2026
Print Name	Signature	Date

STREAM DIVERSION AND CULVERTS (28)

A MAP OF COMPLETE STREAM DIVERSION IS REQUIRED: The map MUST 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. Pending on the scale of the proposed diversion, additional maps, construction details, and a stream reclamation plan may be requested in addition to this section after initial review. 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. **Contact ADF&G, Habitat Section for Fish Habitat Permitting information regarding diversion requirements.**

Please note: A stream diversion 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). If you require further regulatory guidance regarding dams, please contact our Dam Safety and Construction Unit, Dam Safety Engineer at (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** (if **Yes**, complete information below). ☐ **No**

Stream Name: Salmon Creek

☐ Existing (Date Constructed_____) ☑ To Be Constructed (Date 6/2027)

Diversion Start/upstream Location (Lat/Long) 65.71201, -164.59191

Diversion End/Downstream Location (Lat/Long) 65.70231, -164.59158

Is Stream Diversion? ☐ Permanent ☑ Temporary 9 year(s) 0 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 5800 (ft) Top Width 3-5 (ft) Bottom Width 8-10 (ft) Depth 0.5-2 (ft) Floodplain Width 125 (ft)

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

Dimensions of proposed diversion:

Length 5800 (ft) Top Width 10 (ft) Bottom Width 5 (ft) Depth 0.5-2 (ft) Floodplain Width 200 (ft)

Note: The general geomorphology (e.g., meander, width/depth, pools/runs, etc.) and instream components (e.g., large woody debris, boulder/cobble, etc.) of the natural stream should be mimicked to the extent practicable.

*Required: **A written stream diversion narrative in addition to this form. The narrative should describe the following:**

1.) Step by Step Procedures
2.) Construction Techniques
3.) Reclamation Techniques
4.) Timelines

Are culverts being installed in any natural water-body or diversion structures? Yes/No No

If yes include culvert locations, sizes and length on a map or table.

Stream Diversion Narrative

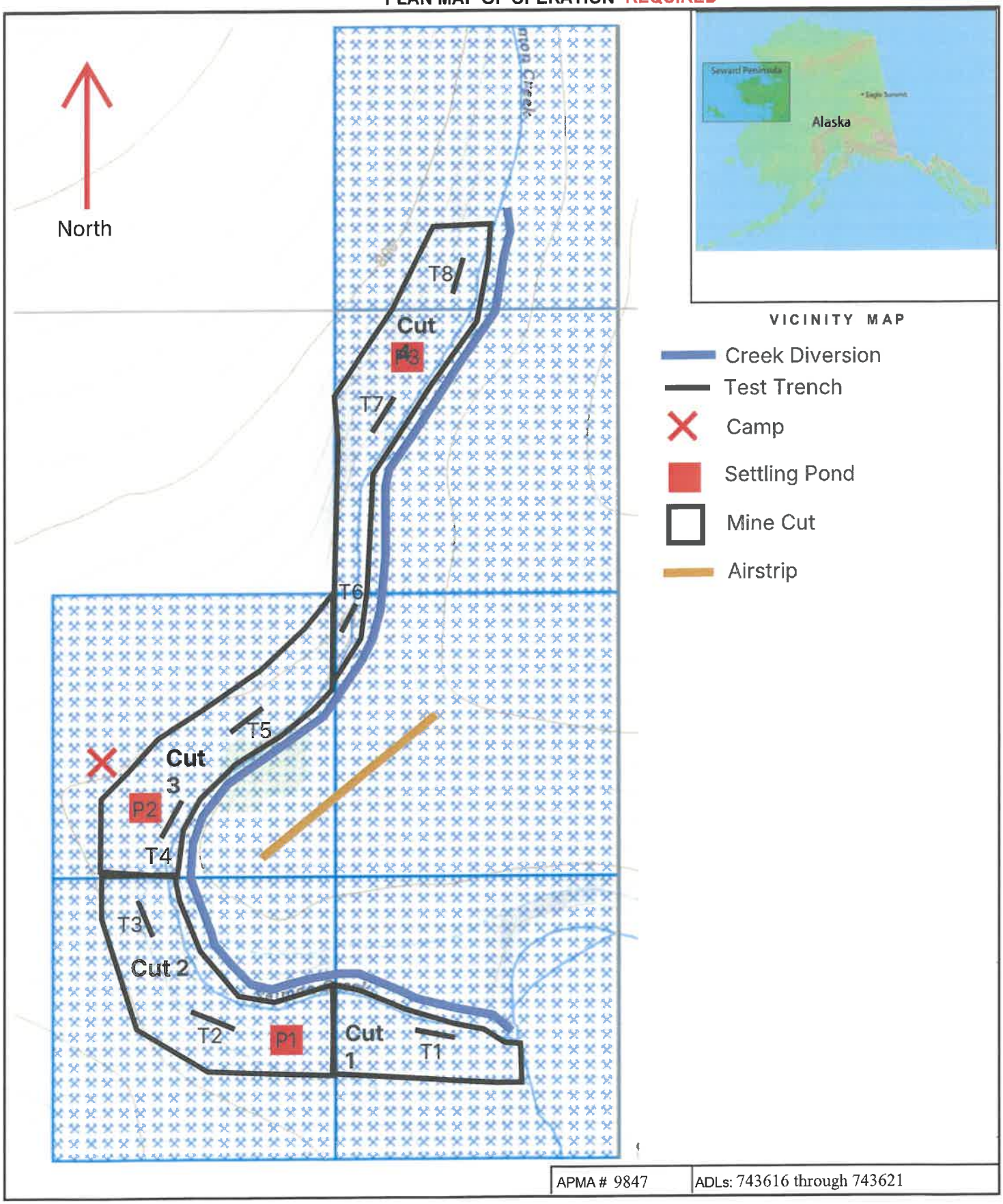
1.)Step-by-Step Procedures
A diversion will be dug in order to mine the creek bed. An excavator will dig the diversion to match the existing creek's length, width, depth, and water volume. Mining will take place in and around the existing creek bed, which will have no water flowing through it. The diversion will remain in place for the lifespan of the mine. Once mining is complete, the diversion will be removed, and water will be rerouted into the original creek area.

2.) Construction Techniques
The diversion will mimic the existing stream width throughout its length, starting at ~3-5 ft and ending at ~8-10 ft, to maintain existing and potential water volumes. The diversion depth will match the existing stream. An excavator will be used to dig the diversion channel. The diversion bottom will be a silt/clay/cobble mix, the same as the existing creek. The creek will be slightly meandered to slow water flow. The diversion will be dug, and once complete, the existing creek will be rerouted there.

3.) Reclamation Techniques
The diversion will be removed when mining is finished, and the creek will be restored as closely as possible to its original state. Historical aerial imagery will be used to recreate creek turns and restore the stream's natural meandering based on elevation drop. The creek will be regraded first, and then the water will be switched back from the diversion to the original stream. Gravel from mine operations will be used to fill the diversion; the floodplain will be regraded to a slight grade, gently dropping to the creek. Tundra overburden will be evenly spread over the floodplain, and native seeds from the seed bank will sprout. Willow roots will be distributed on top of the graded tundra overburden to promote shoot growth and plant rooting. Replanting willow roots will be prioritized near the stream banks. Willow shoots from existing upland willows on the claim will be trimmed and placed 6”-1’ into the soil and within 0-5’ of the stream bank. Reintroducing the existing native plants found in the overburden will stabilize soil through the structure provided by their roots.

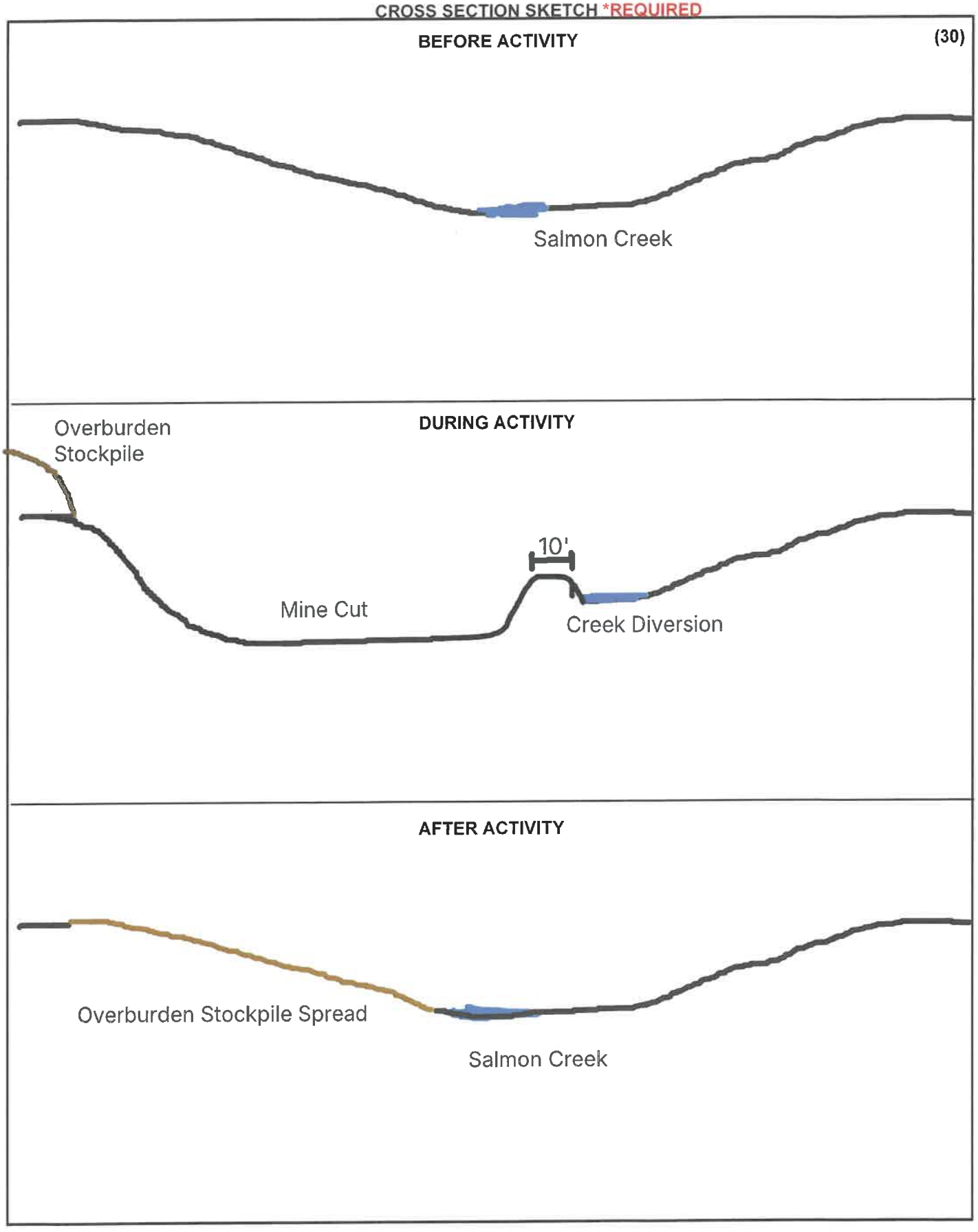
4.) Timelines
The diversion will take place in 2027 and will remain in place for the life of the mine. Once mining is finished, the diversion will be rerouted to the original stream area by 2034.

PLAN MAP OF OPERATION *REQUIRED



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

CROSS SECTION SKETCH *REQUIRED



PLACER/SUCTION DREDGE NARRATIVE *REQUIRED

(31)

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:

Access is from the Nome-Taylor HWY and trail to claims. Housing is a tent and cabin to be built. Two out buildings (shed and hoop building) will serve as a shop and storage area. Old trails on the claims will be cleaned up for access. An airstrip will be build on the claims to foster air access for camp supplies and personnel.

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

First, we will conduct exploration trenching and test each trench until we find adequate amounts of gold. Subsequently, we will turn said trench into a mine pit/cut. Mining will commence with the removal of overburden, which will be placed to the side for reclamation. Paydirt will be dug with the excavator and piled next to the trommel, then ran with the excavator. Coarse tailings will fall into the pit from which they were dug or moved. Fine tailings will go into the settling pond. The excavator will move the trommel forward in the pit toward the pay pile as mining continues. Once the pit gravels are fully processed in one pit, the tailings will be leveled, and mining will progress to the next pit.

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

Reclamation will occur in the pit once mining is finished. The tailings will be regraded and leveled with the contour of the ground. The tundra overburden that was stripped will be redistribubed evenly over the pit and tailings. Native plants found in the seed bank of the tundra overburden will reestablish soon after reclamation. Dredging reclamation will occur simultaneously as the tailings will fall into the previously mined area of stream. The creek diversion will be reclaimed to a meandering state. Reclamation will be concluded when the pit is finished mining, or in 2035.

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

Water will be used from Salmon creek to pump to the trommel and suction dredge when operating. The use of water for mining will be limited to one at a time (dredging or trommel). A limited amount will be used for camp activities. A berm will be build above grade from pit to allow any surface runoff to divert into settling pond or be dispersed overland.

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

Fuel is stored in transfer tanks and jerry cans. Fuel and oil absobant pads will be located on site to pickup any spill. Fuel will be hauled in a transfer tank and in jerry cans.

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

Tundra overburden will be leveled evenly back over mine pits and the original native plants seeds in the soil that will reestablish and quickly return to nature. Settling ponds will catch sediment keeping waters clean. There will be limited light and sound impacting wildlife. The water intake will have a 1/8" screen to prevent harm to fish. Food and trash will be secured in sealed totes. No cultural resources are impacted.

HARDROCK EXPLORATION TRENCHING and DRILLING (32)

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

Trenching: ☐ Yes ☑ No

Estimated number of trenches to be excavated: N/A How long will trenches be open? _____.

Average Size: Length: _____ Ft. Width: _____ Ft. Depth: _____ Ft.

Drilling: ☐ Yes ☑ No Type of Drill(s) Used: _____

Total Number of Holes _____ Diameter of Drill Rod/Casing Rod _____ (NQ/HQ/H,Etc.)

Drilled: Estimated Maximum Depth: _____ Indicate how many pumps per water source: _____

Will water be used? ☐ Yes ☐ No

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 (APMA tabular data template for reporting proposed activities and reclamation)

(33)

A narrative of the operation is required. Please attach a written narrative to this application. The narrative should include the information to answer the prompts provided below and include any additional information relevant to the proposed activities.

N/A

1.) Describe access to property, drill/trench sites, including length and type of access routes. Describe access reclamation measures to be conducted and timeline.

2.) Describe exploration method, scope of work proposed, equipment, when and where activities will occur, personnel housing location and camp description.

3.) Describe site preparation activities and pre-reclamation measures.

4.) Describe pad construction and dimensions.

5.) Describe drill core management, to include transportation of core, storage, and removal or disposal from the exploration project.

6.) Describe drill waste and drill water management, drill fluids and disposal methods. Attach msds/sds for all substances.

7.) Describe fuel handling at exploration drill sites (pads and trenches) and off site (camp or base operations).

8.) Discuss spill prevention and response plan.

9.) Describe water use including estimate of daily water use.

10.) Describe how the operation will avoid and/or mitigate potential impacts to fish, wildlife and cultural resources: describe closure, plugging methodology, surface reclamation and abandonment.

2025 ANNUAL RECLAMATION STATEMENT (33)

☑ Placer Mining
☑ Suction Dredging
☐ Hardrock Exploration

APMA # 9847

Complete and return this statement by December 31, 2025. 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, Mathew Herman hereby file an annual reclamation statement for the 2025 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 2025: 0 cubic yards (Includes stripping and processed material.)

Sluice days last season: 0 Cubic yards of material processed daily: 0 Annually: 0

Total acreage disturbed in 2025 State 0, 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 0 feet and Width 0 feet of stream diversion.

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

Total Area reclaimed in 2025: 0 acres.

Total un-reclaimed acres: 0 (This should match "total acreage currently disturbed" on the 2026 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:

☑ Did not operate in 2025 and therefore did not conduct reclamation.

Relationship to Claim(s)
☑ Owner ☐ Lessee ☑ Operator
☐ Agent For: _____

Signed Mathew Herman Date 8/19/2026

2026 RECLAMATION PLAN FORM (SUCTION DREDGE AND OFFSHORE MINING)

☐ A. RECLAMATION PLAN	☐ B. RECLAMATION PLAN VOLUNTARY	☑ C. LETTER OF INTENT (34)
(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).	(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).	(Less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).

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 2025 Annual Reclamation Statement for Small Mines, or line #7 on your 2026 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 2026 0.1 acres. Total acreage (currently disturbed plus new acres): 0.1 acres.

Acreage disturbed by land status: 0.1 State (general) _____ State (Mental Health) _____ Private _____ Federal

Total acreage to be reclaimed in 2026 0.1 acres; Total volume of material to be disturbed in 2026: 100 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 unristricted 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 beplaced 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 constructured, 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 ≥ 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.**

Mathew Herman Printed name (Applicant) *Mathew Herman* Signature (Applicant)	Relationship to Mineral Property: ☑ Owner ☐ Lessee ☑ Operator ☐ Agent For: _____	Date: 8/19/2026 APMA #: 9847

2026 RECLAMATION PLAN FORM (PLACER EXPLORATION OR MINING)

☐ A. RECLAMATION PLAN	☐ B. RECLAMATION PLAN VOLUNTARY	☑ C. LETTER OF INTENT (34)
(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).	(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).	(less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).

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 2025 Annual Reclamation Statement for Small Mines, or line #7 on your 2026 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 2026 4.8 acres. Total acreage (currently disturbed plus new acres): 4.8 acres.

Acreage disturbed by land status: 4.8 State (general) _____ State (Mental Health) _____ Private _____ Federal

Total acreage to be reclaimed in 2026: 0 acres; Total volume of material to be disturbed in 2026: 5-10k 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 as to why these measures are not necessary at your site.)

- Topsoil, vegetation, and overburden muck, not promptly redistributed to an area being reclaimed, will be individually separated and stockpiled for future use. This material will be protected from erosion and from contamination by acidic or toxic materials and will not be buried by tailings.
- The area reclaimed will be reshaped to blend with the surrounding area using tailings, strippings, and overburden and be stabilized.
- Stockpiled topsoil, overburden muck, will be spread over the contoured exploration sites to promote natural plant growth such that the area can reasonably be expected to revegetate within five years. Stockpiled vegetation will be spread over topsoils.
- Settling ponds located within the active flood plain and necessary for continued use during the next mining season will be protected from erosion or the fines removed.
- If the mining operation diverts a stream channel or modifies a flood plain to the extent that the stream channel is no longer stable, the stream channel will be reestablished in a stable location in the valley flood plain.
- The flood plain will be established as appropriate to accommodate seasonal high-water flood events and prevent undue erosional degradation.
- Exploration trenches will be backfilled. Brush piles, stumps, topsoil, and other organics will be spread on the backfilled surface to inhibit erosion and promote natural revegetation.
- Shallow auger holes (limited to depth of overburden) will be backfilled with drill cuttings or other locally available material in such a manner that closes the hole to minimize the risk to humans, livestock and wildlife.
- At placer drift mine closure, all mine shafts, adits, tunnels, and air vents to underground workings will be stabilized and properly sealed to ensure protection of the public, wildlife, and the environment.
- On 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 greater than or equal to 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-and-minerals for more information on what is needed for a reclamation plan on Federal lands, as they may be different than those identified above.**

Mathew Herman Printed name (Applicant)	Relationship to Mineral Property: ☑ Owner ☐ Lessee ☑ Operator ☐ Agent For: _____	Date: 8/19/2026 APMA #: 9847
Mathew Herman Signature (Applicant)		

2026 RECLAMATION PLAN FORM (HARDROCK EXPLORATION)

☐ A. RECLAMATION PLAN	☐ B. RECLAMATION PLAN VOLUNTARY	☐ C. LETTER OF INTENT (34)
(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).	(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). N/A	(Less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).

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: _____ acres. This should match: "Total Unreclaimed Acres" on your 2025 Annual Reclamation Statement for Small Mines, or line #7 on your 2026 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 2026 _____ acres. Total acreage (currently disturbed plus new acres): _____ acres.

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

Total acreage to be reclaimed in 2026 _____acres; Total volume of material to be disturbed in 2026: _____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.)

- Topsoil, vegetation, and overburden muck, not promptly redistributed to an area being reclaimed, will be individually separated and stockpiled for future use. This material will be protected from erosion and from contamination by acidic or toxic materials and will not be buried by tailings.
- The area reclaimed will be reshaped to blend with the surrounding area using tailings, strippings, and overburden and be stabilized.
- Stockpiled topsoil, overburden muck, will be spread over the contoured exploration sites to promote natural plant growth such that the area can reasonably be expected to revegetate within five years. Stockpiled vegetation will be spread over topsoils.
- Exploration trenches will be backfilled. Brush piles, stumps, topsoil, and other organics will be spread on the backfilled surface to inhibit erosion and promote natural revegetation. All exploration trenches will be reclaimed by the end of the exploration season in which they are constructed, unless specifically approved by the DMLW (Mining operations are required by law to be reclaimed as contemporaneously as practicable with the mining operation to leave the site in stable condition).
- Shallow auger holes (limited to depth of overburden) will be backfilled with drill cuttings or other locally available material in such a manner that closes the hole to minimize the risk to humans, livestock and wildlife.
- All drill hole casings will be removed or cut off at, or below, ground level. All drill holes will be plugged by the end of the exploration season with bentonite holeplug or equivalent slurry, for a minimum of 10 feet within the top 20 feet of the drill hole. The remainder of the hole will be backfilled to the surface with drill cuttings. If water is encountered in any drill hole, a minimum of 7 feet of bentonite holeplug or equivalent slurry will be placed immediately above the static water level in the drill hole. (NOTE: The operator understands that complete filling of the drill holes, from bottom to top, with bentonite holeplug or equivalent slurry is also permitted and is considered to be the preferred method of hole closure, unless communicated otherwise by DMLW.)
- If artesian conditions are encountered, the operator will take all measures practicable to prevent the offsite discharge of those waters subject to 11 AAC 97.240 and will contact the DMLW for approval of hole plugging measures.
- At closure, all shafts, adits, tunnels, and air vents to underground workings will be stabilized and properly sealed to ensure protection of the public, wildlife and the environment.
- On 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, hardwear, chemicals, fuels, waste, and general construction debris will be removed or properly disposed of.
- Reclamation measures taken will be consistent with any alternative 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 ≥ 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-and-minerals for more information on what is needed for a reclamation plan on Federal lands, as they may be different than those identified above.

_____. Printed name (Applicant)	Relationship to Mineral Property: ☐ Owner ☐ Lessee ☐ Operator ☐ Agent For: _____	Date: _____ APMA #: _____
_____ Signature (Applicant)		

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
STATE WIDE BOND POOL FORM

N/A

APMA # _____.

_____.
Name

_____.
Mailing Address

_____ _____ _____.
City State Zip Code

Submits unto the State of Alaska, Department of Natural Resources, the sum of

$ _____ 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

_____.

These claims are located within legal description (Township, Range, Section, Meridian

_____.

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 6 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 6 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): _____ acres X $112.50 = $ _____.

Nonrefundable bond pool annual fee (new): _____ acres X $ 37.50 = $ _____.

Total $ _____.

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.

_____
Signed - Miner Date

_____
ADNR - Division of Mining, Land & Water Date

_____
BLM - Bureau of Land Management Date

STATE OF ALASKA, DEPARTMENT OF NATURAL RESOURCES
STATE WIDE BOND POOL RENEWAL FORM
FOR 2026 OPERATIONS

APMA # _____

N/A

Name

Mailing Address City State Zip

Submits to the State of Alaska, Department of Natural Resources, a renewal of reclamation bonding in accordance with AS 27.19 for mining activity on claim's: _____.

located in T._____,R. _____, Sections _____, _____M.

The amount of the refund or amount owed is calculated as follows:

1. Only whole number of acres bonded in 2025: _____ acres rounded up to next integer: _____ acres
2. Total whole number of acres disturbed in 2025? _____ acres rounded up to next integer: _____ acres

This includes unreclaimed acreage from previous years, October 1991 to present, for state or private lands, and 1981 to present for federal claims. On federal claims include area of camp and access roads.

Bonding credits carried forward from 2025 to 2026:
If you claim any acres in 3 or 4 complete the Bond Pool release form.

3. Number of acres bonded in 2025 but not disturbed: (1 minus 2 above) _____ acres x $ 112.50 = $_____.

4. Number of acres reclaimed in 2025 and approved by BLM/ DNR. _____ acres x $ 112.50 = $_____.
   Federal miners must submit a **Financial Guarantee Amount Reduction Letter** from BLM. All miners requesting a reduction of acreage must fill out the application for **Bond Release Form**, and include evidence of their reclamation with Photo/Video documentation unless otherwise specified by DNR.

5. Dollar total of lines 3 + 4: $_____.

Bonding obligations for 2026:

6. Acerage disturbed but not bonded in 2025 (2 minus 1 above): _____ acres x $ 150.00 = $_____.
7. Number of all 2025 unreclaimed acres (2 minus 4 above): _____ acres x $ 37.50 = $_____.

(line 7 should match "total acreage currently disturbed" on your 2025 Reclamation Plan.

8. New acres to be disturbed in 2026: _____ acres x $ 150.00 = $_____.
9. Dollar total of lines 6 + 7 + 8: $_____.
10. Total acreage bonded in 2026 (7 + 8): _____ acres

If line 5 is larger than line 9 enter the difference here $ _____. This amount will be refunded.

If line 9 is larger than line 5, the difference is due DNR $ _____ . Make check payable to: DEPARTMENT OF NATURAL RESOURCES.

_____
Signed – Miner Date

_____
ADNR - Division of Mining, Land & Water Date

_____
BLM - Bureau of Land Management Date

Submit to DNR Clear Form

APPLICATION FOR RELEASE OF RECLAMATION BOND
OR
REFUND OF BOND POOL DEPOSIT

N/A

APMA NUMBER:_____

Name of Applicant: _____

This form may be used to request release of a reclamation bond or a refund of the refundable portion of the bond pool deposit. **If the bond is for operations on federal claims, reclamation approval is required by the federal land manager before DNR will make the bond deposit refund.** If DNR has not inspected reclamation on the mineral property(s), photographs of the completed reclamation work may be required before the bond is released.

List the mineral property(s) that are subject to a release of a reclamation bond reduction, or refund of the refundable portion of the bond pool deposit. Please provide the casefile type (*e.g.;* ADL/AKFF/USMS) and number, or if Native Land, provide the legal description (MTRS)._____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

Check all that apply: ☐ Reclamation Completed ☐ No Acreage Disturbance ☐ Successor of Interest

Note:_____

_____

In accordance with the above referenced Annual Placer Mining Application (APMA) and approved reclamation plan, the number of acres bonded was _____. I request a release of the bonding obligation and a refund of the refundable bond pool deposit for _____ acres that have been reclaimed, were never disturbed, or a successor of interest has assumed all liability. I understand bond monies are refundable only to those individuals or businesses originally submitting such, unless proper documentation is enclosed indicating refunds should be issued otherwise.

I hereby swear or affirm, under oath, that I have examined Alaska Statute 27.19 (Reclamation Act), 11 AAC 97 (Reclamation Regulations) and my approved reclamation plan and believe myself to have completed the reclamation to the required standards and in accordance with my approved reclamation plan. Photographs of the completed reclamation work are attached: ☐ Yes ☐ No

I understand if the commissioner determines reclamation was not done in accordance with the approved plan of operations and this sworn statement, I remain liable under AS 27.19 to complete the reclamation.

I certify under penalty of perjury the foregoing is true and accurate.

(Signature of Applicant)_____ **(Date)**_____

NOTARY:

Subscribed and sworn before me this

This_____day of_____, 20_____

Signature of Notary:_____

My Commission Expires: _____

Release/Refund of Reclamation Bond DNR/DMWM Form (Rev 9/2022)

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.**

N/A

OPERATOR AUTHORIZATION **APMA#**_____

I,_____, OWNER of mineral property(s):

Check Type of Mineral Property(s)

- ☐ State ADL
- ☐ Federal AKFF/AKAA
- ☐ USMS
- ☐ MTRS (Native Lands)

List all mineral properties by their casefile number (ADL/AKFF/USMS) or legal description (MTRS).

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

(Attach additional sheet if necessary)

Have authorized _____.

Address of Operator_____.

to operate on these claims from___/___/___ to ___/___/___

Owner's Signature _____ Date _____

NOTARY

Subscribed and sworn to before me this _____ day of_____, 20___.

For (owner)

(Signature of Notary)_____.

My commission expires:

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

N/A

I,_____, LESSEE of mineral property(s) :

Check Type of Mineral Property(s)

- ☐ State ADL
- ☐ Federal AKFF/AKAA
- ☐ USMS
- ☐ MTRS (Native Lands)

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 _____.

NOTARY:

Subscribed and sworn to before me this _____ day of_____, 20 ___.

For (Lessee)

(Signature of Notary) _____.

My commission expires: