



**MINERAL PROPERTIES LIST See Attachment A**

**(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.			7.		
2.			8.		
3.			9.		
4.			10.		
5.			11.		
6.			12.		

**INVENTORY OF EQUIPMENT See Attachment B**

**(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.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				

**ACCESS TO THE CLAIM BLOCK See Attachment C, Fig. 1-2, 5-1, 5-2, and Attachment D**

**(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.

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

State      Mental Health Land      City/Borough      Federal      Private/Patented      Private (Native Corp. Land)

**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: \_\_\_\_\_

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: \_\_\_\_\_

Navigable Water

Aircraft Supported

**ACCESS HC THE CLAIM BLOCK, CONTINUED**

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

Road(s)      Helicopter Pad      Airstrip

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:

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If proposed access requires travel over state land(s) that does not have an easement, or by trails that will need to be widened, or via an RST/RS 2477 winter easement (no mineral base surface), or by off road motorized vehicles greater than 1500lb curb weight; then a Winter or Summer Cross Country travel permit is required for access to the claim block. Please completely fill out section 17 if applicable.

**CROSS COUNTRY TRAVEL N/A. no 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 easements 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 15<sup>th</sup> of each year (extensions may be granted as conditions allow). Cross Country Travel is billable at \$240 for each year of travel.

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 section 15, including vehicle weights:

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:

\_\_\_\_\_

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:

\_\_\_\_\_

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

\_\_\_\_\_

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:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**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 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.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](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.

**Attachment C, Section 5.2.2 describes fuel handling and storage**

**AND Attachment E, Section 8 Dredging and Environmental Management Plan**

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** **Attachment C,**  
**Section 5.2, Figs 5-1,**  
**5-2, 5-3**

(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): \_\_\_\_\_  
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. \_\_\_\_\_The

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**MINING METHOD**

**(20)**

**See Attachments C and F**

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)						
Vessel Dimensions						
Suction Dredge Intake Nozzle Diameter / Pump Size	Inches:	HP:	Inches:	HP:	Inches:	HP:
Mechanical Dredge Bucket Volume	Cubic Yards:		Cubic Yards:		Cubic Yards:	
Processing Rate	Yds. <sup>3</sup> /Hr.:		Yds. <sup>3</sup> /Hr.:		Yds. <sup>3</sup> /Hr.:	
Wastewater Discharge Rate	GPM:		GPM:		GPM:	
Maximum Water Depth	Feet:		Feet:		Feet:	
Average Daily Operating Hours						
Operation on Sea Ice (Yes/No)	Yes / No		Yes No		Yes / No	
Vessel Registration # / State	#:	State:	#:	State:	#:	State:

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

**EXPLORATION TRENCHING and DRILLING**

**(21)**

**Not Applicable**

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

**EXPLOSIVES Not Applicable**

(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 Not Applicable**

(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):

**Attachment G, MTRS**

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 <a href="http://dnr.alaska.gov/mapper/controller">http://dnr.alaska.gov/mapper/controller</a>		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.							
2.							
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**

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.

Is there a current Water Right within the proposed mineral property boundary? Yes No

**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.? \_\_\_\_\_

What are the months of water use needed (for example May 1<sup>st</sup> through October 31<sup>st</sup>)? \_\_\_\_\_

**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: \_\_\_\_ 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 is the source name? \_\_\_\_\_

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: \_\_\_\_\_ 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    Not Applicable    (26)**  
***(Operations on State Lands Only)***

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.

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 #: \_\_\_\_\_

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:** \_\_\_\_\_

**Approximate coordinates of mine site:**

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Source (e.g., DNR - 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:** \_\_\_\_\_

**Business Name (if applicable) - Printed:** \_\_\_\_\_

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

An application for a Department of the Army (DA), U.S. Army Corps of Engineers (Corps) Section 404 and/or Section 10 permit includes a Site Description, a Minimization Plan and a Stream Channel Questionnaire. These requirements are contained in three Corps Supplements, which can be downloaded from the Corps' website or obtained directly from a Corps office in paper copy, by email, or mail. Please include these Supplements with this APMA. You may contact the Corps, at any time, to discuss any questions you may have and to determine any additional requirements.

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

**Corps Supplement, Attachment 1, Site Description:** Attachment 1 must include general information of the mining activity area including landscape and wetland information. Aerial imagery and site photographs are required. Photos will be used only for the internal review process.

**Corps Supplement, Attachment 2, Minimization Plan:** The Corps' regional mitigation policy for placer mining operations emphasizes avoidance and minimization of impacts to waters of the United States (U.S.). **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.

**Corps Supplement, Attachment 3, Stream Channel Questionnaire:** Attachment 3 must include information about any proposed stream diversions or relocations. If your mining activity does not involve the relocation or diversion of a stream, please include this attachment with a statement that diversion or relocation is not part of the project.

- Note:**
- If your APMA requires, but does not include the three Corps Supplements mentioned above, 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 Corps will accept the APMA as a pre-construction notification and/or application, 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 hereby 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

Sig

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** (if **Yes**, complete information below).      **No**

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)

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**

**See Attachment C  
Figures 5-1, 5-2 & 5-3**

VICINITY MAP

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

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

**CROSS SECTION SKETCH \*REQUIRED**

**BEFORE ACTIVITY**

**(31)**

**DURING ACTIVITY**

**AFTER ACTIVITY**

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

A narrative of the operation is required. Please use this space to describe the access, process, environmental protection measures and reclamation measures to be used for the duration of this permit. Use prompts provided below and include any additional information relevant to the proposed activities.

**DESCRIBE ACCESS TO PROPERTY, DRILL/TRENCH SITES, INCLUDING LENGTH AND TYPE OF ACCESS ROUTES. DESCRIBE ACCESS RECLAMATION MEASURES TO BE CONDUCTED AND TIMELINE:**

**DESCRIBE EXPLORATION METHOD, SCOPE OF WORK PROPOSED, EQUIPMENT, WHEN AND WHERE ACTIVITIES WILL OCCUR, PERSONNEL HOUSING LOCATION AND CAMP DESCRIPTION:**

**DESCRIBE SITE PREPARATION ACTIVITIES AND PRE-RECLAMATION MEASURES:**

**DESCRIBE PAD CONSTRUCTION AND DIMENSIONS:**

**DESCRIBE DRILL WASTE AND DRILL WATER MANAGEMENT, DRILL FLUIDS AND DISPOSAL METHODS. ATTACH MSDS/SDS FOR ALL SUBSTANCES:**

**DESCRIBE FUEL HANDLING AT EXPLORATION SITES DRILL (PADS AND TRENCHES) AND OFF SITE (CAMP OR BASE OPERATIONS). DISCUSS SPILL PREVENTION AND RESPONSE PLAN:**

**DESCRIBE WATER USE INCLUDING ESTIMATE OF DAILY WATER USE:**

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

**DESCRIBE CLOSURE, PLUGGING METHODOLOGY, SURFACE RECLAMATION AND ABANDONEMENT:**

**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 **See Attachments C (2020 Narrative) and H (Reclamation Plan)**

**DESCRIBE ACCESS, PERSONNEL HOUSING AND CAMP LAYOUT:**

**DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:**

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

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

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

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

2022 ANNUAL RECLAMATION STATEMENT

(33)

- Placer Mining
- Suction Dredging
- Hardrock Exploration

See Attachment H Reclamation Plan

APMA # \_\_\_\_\_

Complete and return this statement by December 31, 2022. 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, \_\_\_\_\_ hereby file an annual reclamation statement for the 2022 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 2022: \_\_\_\_\_ cubic yards (Includes strippings and processed material.)

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

Total acreage disturbed in 2022: 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 2022: \_\_\_\_\_ acres.

Total un-reclaimed acres: \_\_\_\_\_ (This should match "total acreage currently disturbed" on the 2023 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 2022 and therefore did not conduct reclamation.

Relationship to Claim(s)

Owner  Lessee  Operator

Agent For: \_\_\_\_\_

Signed \_\_\_\_\_ Date \_\_\_\_\_



2023 RECLAMATION PLAN FORM (HARDROCK EXPLORATION)

<p><b>A. RECLAMATION PLAN</b></p> <p>(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).</p>	<p><b>B. RECLAMATION PLAN VOLUNTARY</b></p> <p>(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).</p>	<p><b>C. LETTER OF INTENT</b> <span style="float: right;"><b>(34)</b></span></p> <p>(less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).</p>
<p>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.</p>		
<p>Total acreage currently disturbed: _____ acres. This should match: "Total Unreclaimed Acres" on your 2022 Annual Reclamation Statement for Small Mines, or line #7 on your 2023 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.</p> <p>New acres to be disturbed in 2023 _____ acres. Total acreage (currently disturbed plus new acres): _____ acres.</p> <p>Acreage disturbed by land status: _____ State (general) _____ State (Mental Health) _____ Private _____ Federal</p> <p>Total acreage to be reclaimed in 2023 _____ acres; Total volume of material to be disturbed in 2023: _____ cubic yards.</p> <p>Include strippings and overburden to be removed. Cubic yards = Length (yards) x Width (yards) x Depth (yards).</p> <p>Reclamation will be conducted concurrently with activity. Reclamation will be conducted at the end of the season.</p>		
<p><b>THE FOLLOWING RECLAMATION MEASURES SHALL BE USED:</b></p> <p>(These measures are required by law. Those that do not apply may be crossed out; but, an explanation must be given.)</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• The area reclaimed will be reshaped to blend with the surrounding area using tailings, strippings, and overburden and be stabilized.</li> <li>• Stockpiled topsoil, overburden muck, will be spread over the contoured exploration sites to promote natural plant growth such that</li> <li>• 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).</li> <li>• 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.</li> <li>• 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.)</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• On state lands, all scrap iron, equipment, tools, piping, hardware, chemicals, fuels, waste, and general construction debris will be removed or properly disposed of.</li> <li>• 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.</li> </ul> <p><b>IMPORTANT:</b> 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.</p>		
<p><b>BONDING:</b> In accordance with AS 27.19, bonding is required for all operations having a mined area of <math>\geq</math> 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.</p>		
<p>BLM requires that a reclamation plan be consistent with §43 CFR 3809.420, Performance Standards for the Surface Management regulations for Federal Operations. <b>Refer to 43 CFR 3809 or the BLM minerals website available at <a href="https://www.blm.gov/programs/energy-and-minerals/mining-and-minerals">https://www.blm.gov/programs/energy-and-minerals/mining-and-minerals</a> for more information on what is needed for a reclamation plan on Federal lands, as they may be different than those identified above.</b></p>		
<p>_____ Printed name (Applicant)</p> <p>_____ Signature (Applicant)</p>	<p>Relationship to Mineral Property:</p> <p>Owner    Lessee    Operator</p> <p>Agent For: _____</p>	<p>Date: _____</p> <p>APMA #: _____</p>

**2023 RECLAMATION PLAN FORM (PLACER EXPLORATION OR MINING)**

<p><b>A. RECLAMATION PLAN</b></p> <p>(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).</p>	<p><b>B. RECLAMATION PLAN VOLUNTARY</b></p> <p>(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).</p>	<p><b>C. LETTER OF INTENT</b> <span style="float: right;"><b>(34)</b></span></p> <p>(less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).</p>
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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: \_\_\_\_\_ acres. This should match: "Total Unreclaimed Acres" on your 2022 Annual Reclamation Statement for Small Mines, or line #7 on your 2023 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 2023 \_\_\_\_\_ 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 2023: \_\_\_\_\_ acres; Total volume of material to be disturbed in 2023: \_\_\_\_\_ 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.

<p>_____ Printed name (Applicant)</p> <p>_____ Signature (Applicant)</p>	<p>Relationship to Mineral Property:</p> <p>Owner    Lessee    Operator</p> <p>Agent For: _____</p>	<p>Date: _____</p> <p>APMA #: _____</p>
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2023 RECLAMATION PLAN FORM (SUCTION DREDGE EXPLORATION)

<p><b>A. RECLAMATION PLAN</b></p> <p>(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).</p>	<p><b>B. RECLAMATION PLAN VOLUNTARY</b></p> <p>(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).</p>	<p><b>C. LETTER OF INTENT (34)</b></p> <p>(less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).</p>
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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: \_\_\_\_\_ acres. This should match: "Total Unreclaimed Acres" on your 2022 Annual Reclamation Statement for Small Mines, or line #7 on your 2023 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 2023 \_\_\_\_\_ 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 2023 \_\_\_\_\_ acres; Total volume of material to be disturbed in 2023: \_\_\_\_\_ 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 ≥ 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>Printed name (Applicant) _____</p> <p>Signature (App)  _____</p>	<p>Relationship to Mineral Property:</p> <p>Owner    Lessee    Operator</p> <p>Agent For: _____</p>	<p>Date: _____</p> <p>APMA #: _____</p>
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**STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
STATE WIDE BOND POOL FORM**

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 \_\_\_\_\_ 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 \_\_\_\_\_ 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. \_\_\_\_\_ chorage, 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 2023 OPERATIONS**

APMA # \_\_\_\_\_.

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 was calculated as follows:

1. Number of acres bonded in 2022: \_\_\_\_\_ acres
2. Total number of acres disturbed in 2022? \_\_\_\_\_ 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 2022 to 2023:**

3. Number of acres bonded in 2022 but not disturbed: \_\_\_\_\_ acres x \$ 112.50 = \$ \_\_\_\_\_  
(1 minus 2 above)

4. Number of acres reclaimed in 2022 and approved by BLM/DNR. \_\_\_\_\_ acres x \$ 112.50 = \$ \_\_\_\_\_

Federal miners must submit a **Financial Guarantee Amount Reduction Form** 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 2023:**

6. Number of acres disturbed but not bonded in 2022: \_\_\_\_\_ acres x \$ 150.00 = \$ \_\_\_\_\_

7. Total number of all unreclaimed acres: \_\_\_\_\_ acres x \$ 37.50 = \$ \_\_\_\_\_

(line 7 should match "total acreage currently disturbed" on your 2022 Reclamation Plan. (2 minus 4 above)

8. New acres to be disturbed in 2023: \_\_\_\_\_ acres x \$ 150.00 = \$ \_\_\_\_\_

9. Dollar total of lines 6 + 7 + 8: \$ \_\_\_\_\_

10. Total acreage bonded in 2023 (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

