

State of Alaska  
Application for Permits to Mine in Alaska  
Amendment

Date: 1/06/26

Amendment # 1

APMA: 2943

Please describe your proposed amendment and attach all required forms from the APMA application.

Clear brush and develop settling pond for placer mining on claim Layla 2 ADL 739224.

Settling pond will be 2000sqft no greater than 6 ft deep with a gradual slope on the north eastern portion (see map Fig3).

Brush clearing and overburden expected to disturb no more than 5000sq ft of ground.

Start up water if needed will be sourced from Thunder Creek.

Dredging with (5 in intake) may be performed on Thunder Creek ADL 739224.

Reclamation performed with gradual backfilling of the pond, fine gravels and topsoil removed initially placed over excavated material.

Additional test holes on ADL 739224 and 740397 may be performed. See Fig 3

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STATE OF ALASKA

2024

Application for Permits to Mine in Alaska (APMA)

Single Year  Multi-year Start: 06/01/2024 Finish: 10/15/2024 APMA Number (A/E/J, Year, \*\*\*\*) 2943

What type activity are you planning to perform? <b>*REQUIRED (1)</b> <input checked="" type="checkbox"/> Suction Dredging/Reclamation <input type="checkbox"/> Reclamation Only <input checked="" type="checkbox"/> Placer Mining/ Reclamation <input type="checkbox"/> Access <input type="checkbox"/> Hardrock Exploration/ Reclamation	Surface estate of mineral properties: <b>*REQUIRED (2)</b> <input checked="" type="checkbox"/> State (General) <input type="checkbox"/> State (Mental Health) <input type="checkbox"/> Federal <input type="checkbox"/> Private <input type="checkbox"/> City or Borough
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Check All That Apply:  Mineral Property Owner  Lessee  Operator **\*Required (3)**

Name: Lyle Downing Primary Phone Number: 907-229-8759  
 Address: 8249 E Aspen Ridge Rd Secondary Phone Number: \_\_\_\_\_  
Wasilla, AK 99654 Email: lyledowning@mac.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: \_\_\_\_\_ Primary Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ 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: \_\_\_\_\_ Primary Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ 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: \_\_\_\_\_ Primary Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Secondary Phone Number: \_\_\_\_\_  
 \_\_\_\_\_ Email: \_\_\_\_\_

**Attach a separate sheet for additional contacts**  
 Alaska Business/Corporation Entity# \_\_\_\_\_ Registered Agent (Corp./LLC/LP) \_\_\_\_\_

Project Name If Applicable: <b>(7)</b>	Average Number of Workers: <b>*REQUIRED (8)</b> 3	Start-Up/Shut Down: (Month/Day) <b>(9)</b> 06/01 to 10/15
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Mining District: <b>*REQUIRED (10)</b> Talkeetna	Applicable USGS Map(s): <b>*REQUIRED (11)</b> Attached	On What Stream Is This Activity? <b>(12)</b> Thunder Creek
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Legal Description of mineral properties to be worked (MTRS) **\*REQUIRED (13)**  
 Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21  
 Seward Meridian; Talkeetna; 28N; 9W; Section 30

Internal Use Only

RECEIVED

JAN 18 2024

By \_\_\_\_\_

Internal Use Only:  
 Date Application Received Complete: \_\_\_\_\_ Adjudicator: \_\_\_\_\_ LAS Entry: \_\_\_\_\_  
 Sec 3 CID: \_\_\_\_\_ Sec 4 CID: \_\_\_\_\_ Sec 5 CID: \_\_\_\_\_ Sec 6 CID: \_\_\_\_\_

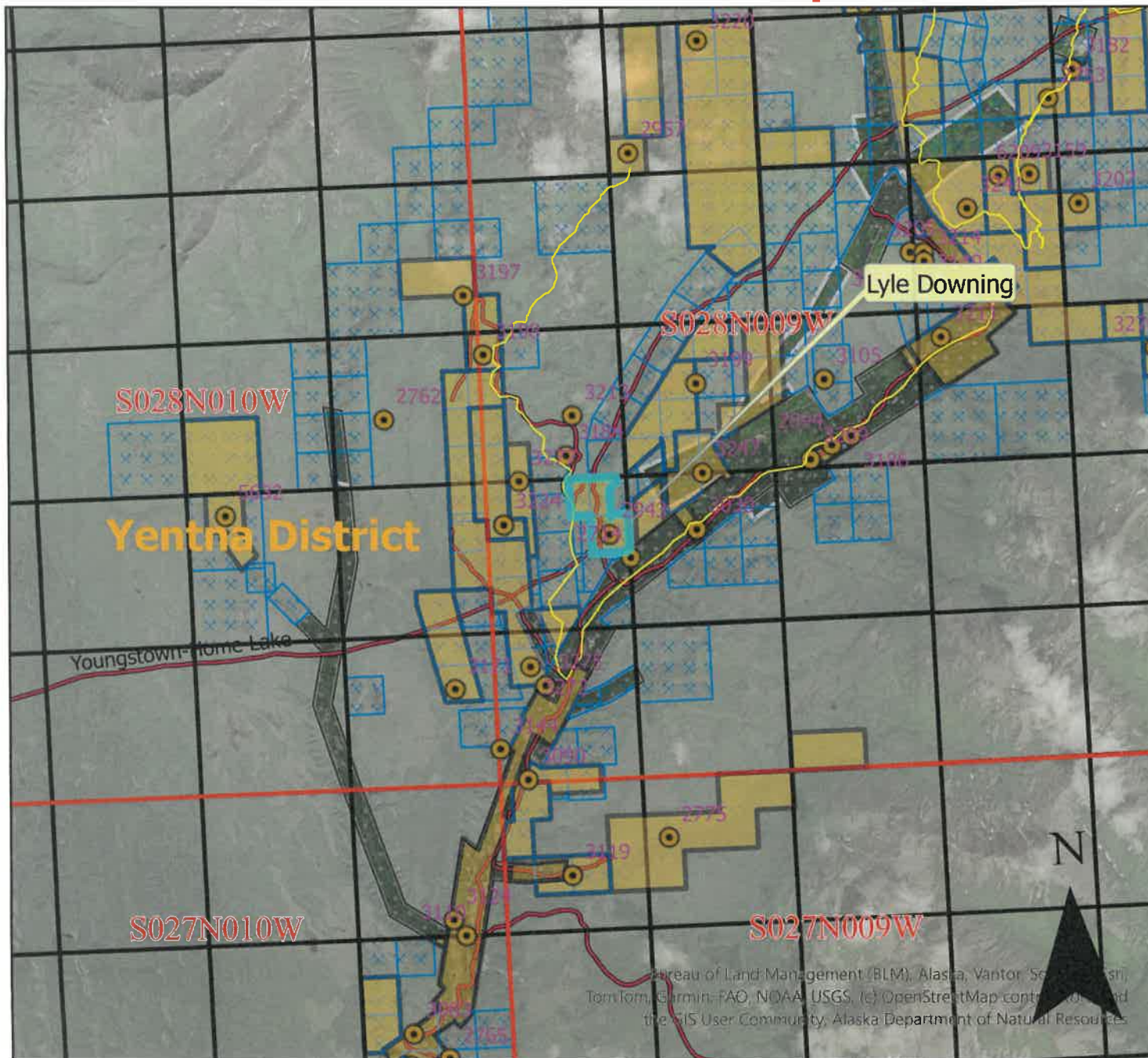
# APMA 2943 Map



This map was created on 4/20/2026 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.

The State of Alaska makes no express or implied warranties (including warranties of merchantability and fitness) with respect to the character, function, or capabilities of electronic services or products or their appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential or other damages suffered by the user or any other person or entity whether from the use of the electronic services or products, any failure thereof or otherwise, and in no event will the State of Alaska's liability to the requestor or anyone else exceed the fee paid for the electronic service or product.

Scale: 1:63,360



- Travel Route
- APMA\_Type
- APMA\_Project\_Area**
  - Mechanical Placer Mining
  - Hardrock Exploration
  - Suction Dredge / Dredging
  - <all other values>
  - State Mining Claim Active
  - BLM AK Federal Mining Claims (Active)
  - RS2477 Trails
  - minerals\_districts
  - State Selected Land - All



0 0.38 0.75 1.5 2.25 Mile:  
Center: 151°0'32"W 62°29'22"N

Bureau of Land Management (BLM), Alaska, Vantor, Scott, ...  
Tom Tom, Garmin-FAO, NOAA, USGS, (c) OpenStreetMap contributors and  
the GIS User Community, Alaska Department of Natural Resources

## 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 739223	Active (35)	Mining Claim (713)	LAYLA #1	Downing Lyle	25-MAR-23	Mining Claim (MC)	39
ADL 739224	Active (35)	Mining Claim (713)	LAYLA #2	Downing Lyle	25-MAR-23	Mining Claim (MC)	26
ADL 740397	Active (35)	Mining Claim (713)	LAYLA 4	Downing Lyle	02-SEP-23	Mining Claim (MC)	21

\*\*\*END OF REPORT\*\*\*

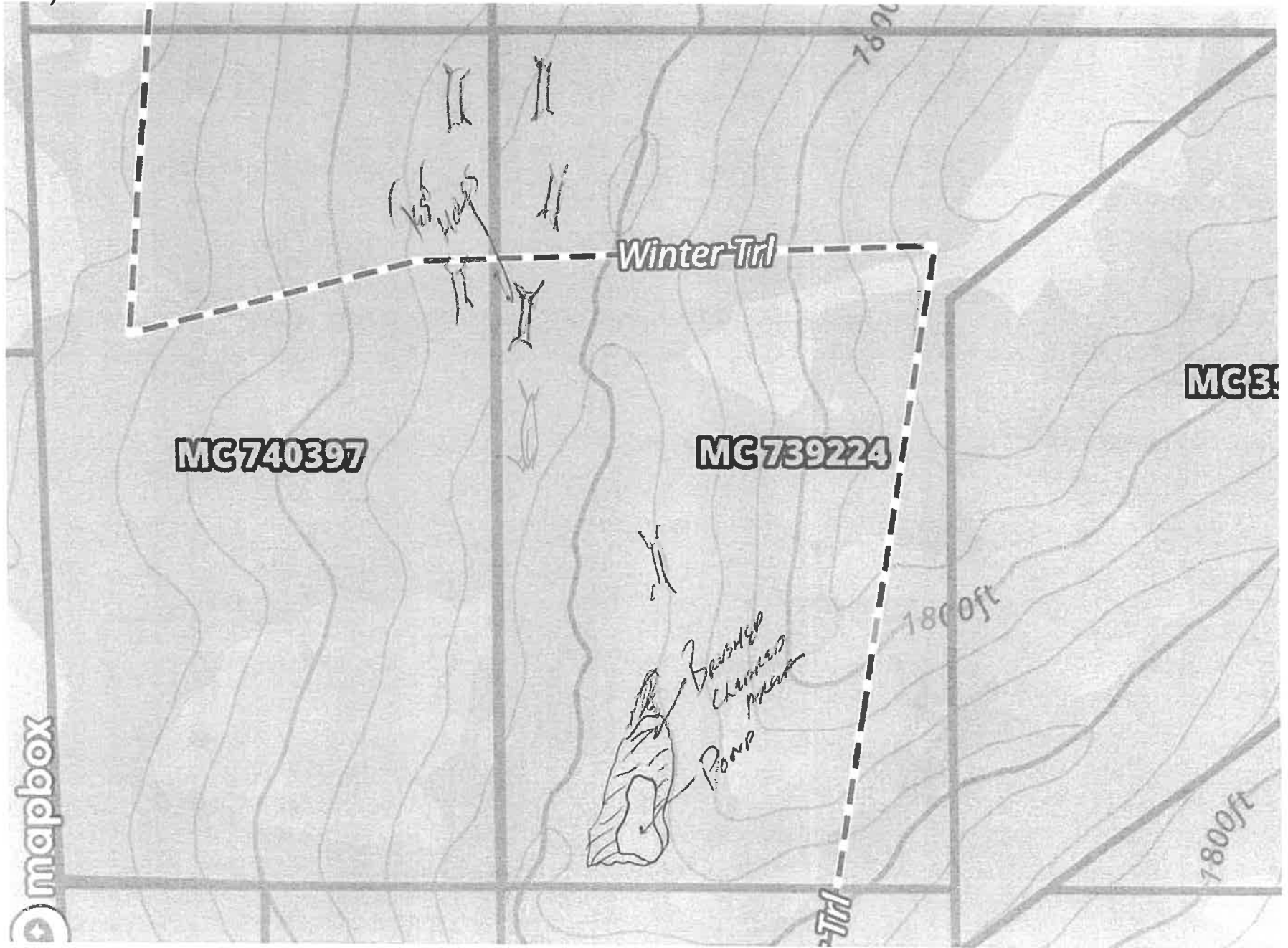
### Report Information

<b>Source ID</b>	60						
<b>Source Name</b>	MV_ST_MINING						
<b>Source Description</b>							
<b>Run Date and Time</b>	03/23/2026 09:40:48 AKDT						
<b>Record Count</b>	3						

### SQL Statement

CASE_ID,CASE_STATUS,CASE_STATUS_DES							
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Fig 3



MC740397

MC739224

MC3

Winter Trl

1600

1800ft

1800ft

mapbox

Trl

**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.	739 223	LAYLA 1	7.		
2.	739 224	LAYLA 2	8.		
3.	740397	LAYLA 4	9.		
4.			10.		
5.			11.		
6.			12.		

**INVENTORY OF EQUIPMENT**

(15)

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

Check One:

	Make, Model, Type, Size, Purpose of Equipment or Pump	Quantity of this type	Located on the claim block?	Transporting to claim block?
1.	Backhoe Case 390C; test holes; settling pond; running material	1	✓	
2.	5 in dredge (keene); 8.5 horse pump;	1	✓	
3.	Highbanker (proline) 8.5 horse pump;	1	✓	
4.	Takeuchi Mini excavator - TB 235; Washplant, clearing,	1		✓
5.				
6.				
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: Petersville Rd

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: RST 1608, 510

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 Improvements or Construction Proposed



**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? 120000  
 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:

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.	Thunder Creek	62.48898	-151.0056	S028N009W30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	"	62.49037	-151.0070	S028N009W30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	"	62.49091	-151.0059	S028N009W30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	"	62.49179	-151.00757	S028N009W30	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	"	62.49416	-151.0065	S028N009W30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

**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 1<sup>st</sup> through October 31<sup>st</sup>)? June 10-Oct 1st. \_\_\_\_\_

**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.			
					Start-Up	Make-Up		
<u>Example:</u> Unnamed Creek	F	3N	3W	20	Start-Up	X	Make-Up	X
1. Thunder Creek	S	28N	9W	30	Start-Up	<input checked="" type="checkbox"/>	Make-Up	<input checked="" type="checkbox"/>
	Latitude: -151.00757			Longitude: 62.4915				
2.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
	Latitude:			Longitude:				
3.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
	Latitude:			Longitude:				
4.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
	Latitude:			Longitude:				
5.					Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
	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.

<b>Geographic Name of Water Source</b> <i>(Same as sources Above).</i>	<b>Diversion</b> <b>(gpm/cfs)</b>	<b>Withdrawal Rate</b> <b>(gpm/pump)</b>	<b>Number of Pumps</b>	<b>Hours per Day</b>	<b>Days per Month</b>
Describe the water use information for each source. For recycle/settling pond system complete Section C.					
1.					
2.					
3.					
4.					
5.					

<b>C. Recycle/Settling Pond System</b>	<b>Withdrawal Rate</b> <b>(gpm/pump)</b>	<b>Number of Pumps</b>	<b>Hours per Day</b>	<b>Days per Month</b>	<b>Additional Notes:</b>
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.	<b>320</b>	<b>1</b>	<b>8</b>	<b>10</b>	
	Pond # 1: L: <u>50</u> ft W: <u>30</u> ft D: <u>6</u> 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	

<b>D. Camp Water Uses</b>	<b>Maximum # of People in Camp</b>	<b>Withdrawal Rate</b> <b>(gpm/pump)</b>	<b>Number of Pumps</b>	<b>Hours per Day</b>	<b>Days per Month</b>	<b>Source(s) of Water</b> 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.	<b>4</b>	<b>N/A</b>	<b>0</b>	<b>8</b>	<b>20</b>	<b>Gravity fed Spring on Hillside</b>
Additional Notes:						

**WATER USE AUTHORIZATIONS CONTINUED**

(24)

<b>E. Exploration Activities</b>	<b>Is Water Needed for Exploration Trenching or Drilling?</b>	<b>Withdrawal Rate (gpm/pump)</b>	<b>Number of Pumps</b>	<b>Hours per Day</b>	<b>Days per Month</b>	<b>Source(s) of Water</b> 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.	No					

**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 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.

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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.

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

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: Thunder Creek

Approximate coordinates of mine site:

Latitude: 62.49081 Longitude: -151.00415

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

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

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

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

If a mixing zone is requested, provide the following:

Coordinates of discharge location: Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

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

Distance to nearest downstream drinking water source \_\_\_\_\_ and downstream placer mine \_\_\_\_\_.

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

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

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

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

Signature of Responsible Party: 

Responsible Party Name (First Last, Position) - Printed: Lee Danning Oursk

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

**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 through Cache Creek Recreational Subdivision and Petersville Rd. Then RS2477 trail to beginning of claims (See Map). Personnel housing in cabin on site.

**DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:**

Initial testing of benches on west and east sides of contiguous claims to include ADL's 739224, 740397 and 739223. Temporary roads may be constructed to access testing areas. Material testing will be performed by use of a highbanker. Dredging by 5 inch dredge may be performed through the extent of Thunder creek as it passes through ADL's 739224 and 739223.

A small settling pond as described in amendment 1 will be constructed on ADL 739224. This will be used for recycled water to run material excavated from pond through a small washplant/highbanker via small excavator.

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

All material removed from test hole trenching will be used as fill for reclamation after testing. Cleared areas will be replaced by overburden and/or fines from testing once testing is completed.

Settling pond will be reclaimed before expiration of APMA. Pond will be bermed and reclaimed with excavated gravels replaced on a graduated basis to eliminate any surface runoff into surrounding water ways.

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

Spring above cabins will be used for camp water via gravity feed. Highbanker with Thunder creek water source used for running testing material. Thunder creek to be used for start up water in settling pond if needed. Road construction will ensure appropriate water diversion to avoid erosion.

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

Fuel stored in appropriate containers no larger than 55 ga drums and 6 gal containers. Containers will be on spill pallets to minimize spills. Fuel stored inside buildings on site away from elements. All fuel and oil storage in DOT approved containers. Drip pans, emergency spill kits, will be on site at all times.

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

Berms constructed around potential runoff from testing sites, pond and roads. Straw wattle as needed for additional mitigation. All garbage collected and hauled to landfills. All mechanical mining will be recycled from and into settling pond.

2025 ANNUAL RECLAMATION STATEMENT

(33)

- Placer Mining
- Suction Dredging
- Hardrock Exploration

APMA # 2943

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, Lyle Downing 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: 75 cubic yards (Includes stripping and processed material.)

Sluice days last season: 5 Cubic yards of material processed daily: 12 Annually: 40

Total acreage disturbed in 2025 State .1, 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: .1 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:

Test holes dug and reclaimed.

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

Relationship to Claim(s)

Owner  Lessee  Operator

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

Signed [Signature]

Date 11/30/2025





**2026 RECLAMATION PLAN FORM (PLACER EXPLORATION OR MINING)**

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

Total acreage currently disturbed: 0 acres. This should match: "Total Unreclaimed Acres" on your 2024 Annual Reclamation Statement for Small Mines, or line #7 on your 2025 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: 1 acres. Total acreage (currently disturbed plus new acres): 1 acres.

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

Total acreage to be reclaimed in 2026: 1 acres; Total volume of material to be disturbed in 2026: 600 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:**

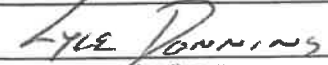

(These measures are required by law. Those that do not apply may be crossed out; but, an explanation must be given as to why these measures are not necessary at your site.)

- 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.

 Printed name (Applicant)	Relationship to Mineral Property: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input type="checkbox"/> Agent For: _____	Date: <u>1/20/2026</u> APMA #: <u>2943</u>
 Signature (Applicant)		