

STATE OF ALASKA
2024

Application for Permits to Mine in Alaska (APMA)

Single Year Multi-year Start: 2024 Finish: 2028 APMA Number (A/F/J, Year, ****) 5823

What type activity are you planning to perform? *REQUIRED (1) <input 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: *REQUIRED (2) <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: Aurquest Alaska Inc. Primary Phone Number: 647-885-0792
 Address: 64 Industrial Road Secondary Phone Number: 907-841-7059
Richmond Hill, Ontario, Canada L4C2Y1 Email: petroziet@hotmail.com
 Click here for the Department of Commerce Link
 Alaska Business/Corporation Entity# 136154 Registered Agent (Corp./LLC/LP) Barry Clay

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

Name: Barry Clay dba Aurquest Alaska Inc. Primary Phone Number: 907-841-7059
 Address: 8801 North SunValley Drive Secondary Phone Number: _____
Palmer, Alaska 99645 Email: bclayminer@gmail.com
 Alaska Business/Corporation Entity# _____ Registered Agent (Corp./LLC/LP) _____

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

Name: Barry Clay dba Aurquest Alaska Inc. Primary Phone Number: 907-841-7059
 Address: P.O. Box 1869 Secondary Phone Number: _____
Nome, Alaska 99762 Email: _____
 Alaska Business/Corporation Entity# _____ Registered Agent (Corp./LLC/LP) _____

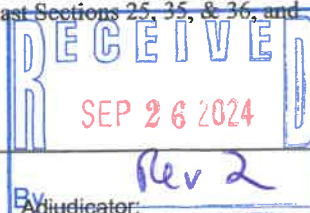
Check All That Apply: Mineral Property Owner Lessee Operator *Required (6)

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: (7) <u>Swift Creek</u>	Average Number of Workers: *REQUIRED (8) <u>3</u>	Start-Up/Shut Down: (Month/Day) (9) <u>April 1</u> to <u>November 30</u>
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Mining District: *REQUIRED (10) <u>Ruby Mining District</u>	Applicable USGS Map(s): *REQUIRED (11) <u>Ruby B-6</u>	On What Stream Is This Activity? (12) <u>Swift Creek (wrongly named Willow Cr)</u>
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Legal Description of mineral properties to be worked (MTRS) *REQUIRED (13)
 Example: Fairbanks Meridian Township 001N Range 003E Sections 15, 16, and 21 or F 001N 003E Sec. 15, 16, and 21
Kateel River Meridian Township 012 South Range 016 East Sections 25, 35, & 36, and Township 012 South Range 017 East Section 30

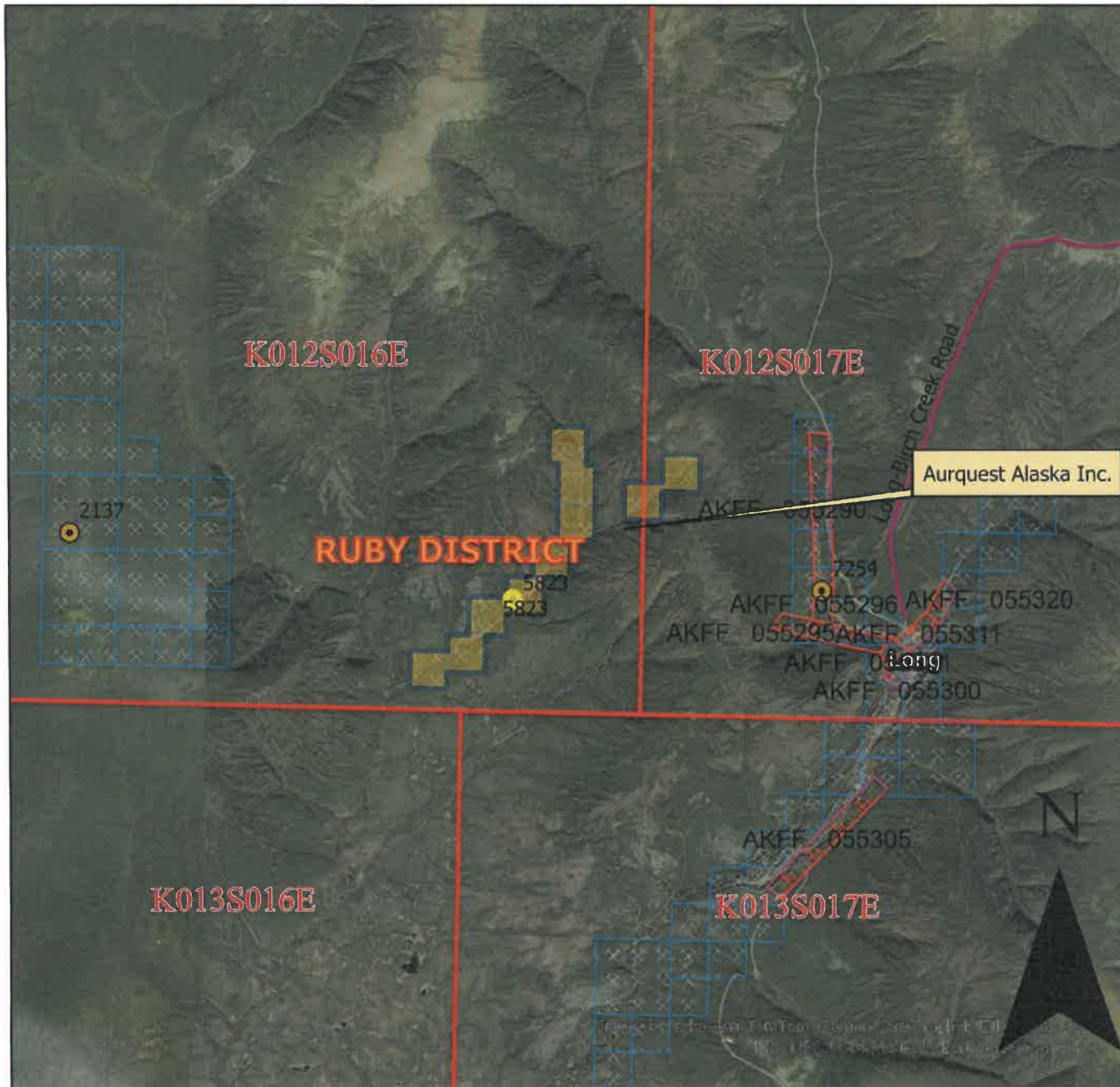
Internal Use Only: Date Application Received Complete: _____ Sec 3 CID: _____ Sec 4 CID: _____	 Adjudicator: <u>Rev 2</u>	Internal Use Only: LAS Entry: _____ Sec 5 CID: _____ Sec 6 CID: _____
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APMA 5823 Active Area



This map was created on 4/25/2024 by the Alaska Department of Natural Resources as a courtesy to supplement the application received. This map displays a graphical illustration only. Source documents remain the official record.

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APMA Type Scale: 1:63,360

- Mechanical Placer Mining
- State Mining Claim Poly
- Federal Mining Claim

- - - Access Route

0 0.75 1.5 Miles
 Center: 155°34'26"W 64°24'49"N

MV_ST_MINING

Source: Alaska Department of Natural Resources, Information Resource Management

Case ID	Case Status Description	Case Type Description	Claim Name	Customer Name	Notepost Date	Special Code Description	Total Acres
ADL 571327	Active (35)	Mining Claim (713)	R AND M MINING 1	Aurquest Alaska, Inc.	03-FEB-96	Mining Claim (MC)	40
ADL 571328	Active (35)	Mining Claim (713)	R AND M MINING 2	Aurquest Alaska, Inc.	03-FEB-96	Mining Claim (MC)	40
ADL 571329	Active (35)	Mining Claim (713)	R AND M MINING 3	Aurquest Alaska, Inc.	03-FEB-96	Mining Claim (MC)	40
ADL 571330	Active (35)	Mining Claim (713)	R AND M MINING 4	Aurquest Alaska, Inc.	04-FEB-96	Mining Claim (MC)	40
ADL 571331	Active (35)	Mining Claim (713)	R AND M MINING 5	Aurquest Alaska, Inc.	03-FEB-96	Mining Claim (MC)	40
ADL 571332	Active (35)	Mining Claim (713)	R AND M MINING 6	Aurquest Alaska, Inc.	04-FEB-96	Mining Claim (MC)	40
ADL 571333	Active (35)	Mining Claim (713)	R AND M MINING 7	Aurquest Alaska, Inc.	03-FEB-96	Mining Claim (MC)	40
ADL 571334	Active (35)	Mining Claim (713)	R AND M MINING 8	Aurquest Alaska, Inc.	05-FEB-96	Mining Claim (MC)	40
ADL 572974	Active (35)	Mining Claim (713)	1-A	Aurquest Alaska, Inc.	15-SEP-96	Mining Claim (MC)	40
ADL 572975	Active (35)	Mining Claim (713)	2-A	Aurquest Alaska, Inc.	15-SEP-96	Mining Claim (MC)	40

END OF REPORT

Report Information

Source ID	60						
Source Name	MV_ST_MINING						
Source Description							
Run Date and Time	10/01/2024 01:54:21 AKDT						
Record Count	10						

SQL Statement

CASE_ID,CASE_STATUS,CASE_STATUS_D							
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MINERAL PROPERTIES LIST

(14)

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

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

	ADL/BLM/USMS #	PROPERTY NAME		ADL/BLM/USMS #	PROPERTY NAME
1.	ADL 571327	R&M MINING 1	7.	ADL 571333	R&M MINING 7
2.	ADL 571328	R&M MINING 2	8.	ADL 571334	R&M MINING 8
3.	ADL 571329	R&M MINING 3	9.	ADL 572974	R&M MINING 1A
4.	ADL 571330	R&M MINING 4	10.	ADL 572975	R&M MINING 1B
5.	ADL 571331	R&M MINING 5	11.		
6.	ADL 571332	R&M MINING 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.	Hitachi EX100 excavator w/ 1/4 yd bucket - Exploration, Reclamation	1	<input checked="" type="checkbox"/>	
2.	Caterpillar D8-35A - Exploration, Reclamation, Road Repairs	1	<input checked="" type="checkbox"/>	
3.	Honda ATV's - personal transportation	2	<input checked="" type="checkbox"/>	
4.	Pickup Truck - Transport samples and supplies	1	<input checked="" type="checkbox"/>	
5.	WASH PUMPS w/ 6 INCH PUMP	1	<input checked="" type="checkbox"/>	
6.	70 B10 DOZERS	2	<input checked="" type="checkbox"/>	
7.	3/4 HP DRILLING	1	<input checked="" type="checkbox"/>	
8.	EXP. LEADER	1	<input checked="" type="checkbox"/>	

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: Ruby Poorman Road CDS059 Route ID#8341009X000

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: CDS059 & Swift Creek Road

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

ACCESS TO THE CLAIM BLOCK, CONTINUED

(16)

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

Temporary cross country travel will have minimal impact/disturbance to organic mat by walking over trees. The ephemeral stream crossing will be perpendicular to flow to minimize impact to highwater banks and riparian zone.

A access map **MUST** be submitted with your application. Topographic maps at a scale of 1"=1 mile must clearly indicate the proposed access route from start to finish, location of proposed construction activities, and appropriate legal descriptions (township and range) on each map sheet. Paper size should be limited to 8 1/2" x 11". Do not tape maps together. *Pg 14*

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

AURQUEST ALASKA INC.

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

HITACHI EX100 EXCAVATOR, 23,600LBS CURB WT., SUMMER
CATERPILLAR D8 35A BULLDOZER, 36,520LBS CURB WT., SUMMER
ATV 4-WHEELER, 680LBS CURB WT., SUMMER
PICKUP TRUCK, ESTIMATED 4,500LBS CURB WT. SUMMER

State the average total miles traveled in one round trip: 58. State the number of trips proposed: 3.

State the start and end date(s) or period(s) of proposed travel: MARCH 1 TO DECEMBER 15.

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

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

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

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

Are you transporting fuel? Yes No

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

110 GALLONS IN PICKUP TRUCK

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

LUBRICANTS, GREASE, ANTIFREEZE IN RETAIL PLASTIC CONTAINERS, 2 GALLON JUGS, OR 16 OZ. TUBES.

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

55 GALLON DRUMS and manufacturer containers, labeled with MSDS common name.

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

PICKUP TRUCK BED

ACCESS TO CLAIM BLOCK CONTINUED

(16)

Does your travel include the staging or storage of equipment or structures off the claim block? Yes No
If Yes, describe the location and dimensions of the long term or short term parking and/or storage areas.

PETROLEUM PRODUCT STORAGE

(17)

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

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

Describe any measures you plan to take to minimize drips or spills from leaking equipment or vehicles:
PRE-OPERATIONAL INSPECTIONS, ROUTINE MAINTENANCE AND REPAIR OF WORN PARTS, AND OPERATOR TRAINING AND SUPERVISION.

Quantity Petroleum Products to be Stored on the Project Site?

- 0-1,320 gallons of total storage (Secondary Containment recommended, but not required)
- 1,321-10,000 gallons of total storage (count only containers with a capacity of 55 gallons or greater). A self-certified Spill Prevention, Control, and Countermeasure (SPCC) plan is required and applies to all products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil. The self certified SPCC form can be downloaded at: <https://www.sfdph.org/dph/files/EHSdocs/ehsHMUPAdocs/TIERIQFSPCCPlan.pdf>. BLM Operators are encouraged to use the optional BLM-Spill contingency plan that can be downloaded at: https://www.blm.gov/sites/blm.gov/files/BLM-AK_spill-contingency-plan_APMA_worksheetSup.pdf
- 10,000+ gallons of total storage (count only containers with 55 gallons or greater storage capacity). An SPCC certified by a professional engineer is required and applies to all oil products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil.

Indicate Distance Stored From Flowing Waters: 270 Feet. (Minimum distance from naturally occurring water bodies required by DNR is 100 feet).

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

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

TEMPORARY STRUCTURES/FACILITIES

(18)

Is a camp or placement of any temporary structure requested? Yes No

If "No", Please explain: _____

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

What type of property is the camp located on? State Federal Private (Patented) City or Borough MHTL

If camp is on private land, provide location: _____

Proposed perimeter dimensions of camp: 300 Length (feet) 150 Width (feet).

Request use of existing facilities, list ADL(s): 571330
 Year-Round Seasonal, from Approx. _____ to _____, annually.

Request to place new 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		4	GENSET, SHOP, STORAGE	8X40	8X20	
Platforms						
Out-Buildings						
Other:		1	HOUSING, OFFICE, ETC	28X22		

** 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):

SEPTIC SYSTEM _____

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

COMBUSTABLE WASTE IS BURNED, SCRAP METAL AND INDUSTRIAL WASTE HAULED AWAY FOR DISPOSAL AT A SANITARY DISPOSAL SITE. _____

What is the distance grey water, biological, and solid waste will be located from the ordinary high water mark of the nearest freshwater body (lake, stream, river, rivulet, etc.), or the mean high water mark of a saltwater body: 100 FEET

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

Required: Dismantle and Removal for Structures: Provide a plan for dismantling and removing structures, equipment, and storage tanks. Include the method and timeline for restoration of all location areas.
 STRUCTURE WILL BE BURNED AND THE SITE RECLAIMED WHEN THE MINING CLAIMS ARE ABANDONED.

EXPLOSIVES

(21)

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

Explosive Handler's Certification/ATF Permit Numbers: _____

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

WATER ENTRAPMENT

(22)

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

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

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

What is the purpose of the water use? Makeup water pond Settling/recycle pond Stream diversion Other _____

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

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

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

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

If on a hillside, Approximately how many feet is the water storage above the valley floor _____ ft

IN-STREAM ACTIVITIES and STREAM CROSSINGS

(23)

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

EX-100, D8-35A, ATV's, Pick-up truck

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

	Stream Name/ Water Source	NAD 83 Datum (approximate) Coordinates can be obtained using Alaska Mapper http://dnr.alaska.gov/mapper/controller		MTRSC ¼ ¼ Ex: F001S001N01 SWSW	Check boxes to indicate type(s) of activity		
		Latitude ddd.mmmm	Longitude -ddd.mmmm		Crossing	Dredging	Water Intake
1.	SWIFT CREEK	64.4119	-155.5781	K012S016E36 NE NE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

WATER USE AUTHORIZATIONS

If water is impounded, withdrawn, or diverted, the ADNR Water Resources Section needs to review the water sources and water uses to determine if a water use authorization is needed. Water usage (including from 100% recycle pond systems) may require approval by issuing a Temporary Water Use Authorization (TWUA) or a Water Right. Information provided below will be used to determine the quantity of water that you may be authorized to use for your mining operation. When estimating water quantities, please estimate withdrawal amounts typical of a dry summer and provide the maximum quantity that you may withdraw from a particular source (e.g., stream, pond, groundwater, etc.) in a season. A TWUA application may be initiated from this APMA, unless a Water Right is requested. Please contact the ADNR, Water Resources Section at telephone number (907) 451-2790 for more information.

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

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.**
A TWUA will be applied for IF ore of sufficient grade and volume is discovered.

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		
Example: Unnamed Creek	F	3N	3W	20	Start-Up	X	Make-Up	X
1. <i>Panning along</i> Swift Cr Stream Reach 3,273 ft long	Kateel River	12S	16E	25, 36	Start-Up	<input type="checkbox"/>	Make-Up	<input type="checkbox"/>
Latitude: 64.4152 - 64.4082N				Longitude: 155.5414 - 155.5848W				
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.					
Geographic Name of Water Source <i>(Same as sources Above).</i>	Diversion (gpm/cfs)	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month
Describe the water use information for each source. For recycle/settling pond system complete Section C.					
1.					
1. If ore grade/volume profitable to mine is discovered, a Temporary Water Use Permit will be obtained. The total volume of water use, including camp and panning is estimated at less than 50 gallons/day from Swift Creek.					
2.					
3.					
4.					
5.					

C. Recycle/Settling Pond System	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Additional Notes:
This system will also need to be listed as a water source in Section A. This entire pond system counts towards the 5 sources allowed per TWUA. Provide Length (L), Width (W), and Depth (D), of each pond. Beaver ponds or similar nature made impoundments will not be permitted for use as settling ponds.	<i>panning tub</i>	<i>bucket</i>	<i>2</i>		<i>discharge by seepage in trench.</i>
	<i>Trench Pond # 1: L:100 ft W:45 ft D:30ft</i>				<i>Trench Pond # 2: L:100 ft W:45ft D: 30ft</i>
	Pond # 3: L: ft W: ft D: ft				Pond # 4: L: ft W: ft D: ft

D. Camp Water Uses	Maximum # of People in Camp	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Source(s) of Water Well, Haul, Stream, Spring, Lake Source(s) will count towards the 5 sources identified in Section A.
Provide information on camp water uses. If an ADEC public drinking water system is used, please attach certificate to operate and/or associated documents.	2	5 / bucket	0	1	2	HAUL FROM STREAM
Additional Notes:						

WATER USE AUTHORIZATIONS CONTINUED

(24)

E. Exploration Activities	Is Water Needed for Exploration, Trenching or Drilling?	Withdrawal Rate (gpm/pump)	Number of Pumps	Hours per Day	Days per Month	Source(s) of Water Well, Haul, Stream, Spring Lake, etc. Source(s) will count towards the 5 sources identified in Section A.
A map of your requested drilling water sources is required with the following information: -MTRS sections, -stream reaches or other water sources (please label, including take points if known) -and drill hole locations.	YES	5	0	1	2	HAUL FOR PANNING

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.

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

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

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

WASTEWATER DISCHARGE PERMIT APPLICATION

(26)

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

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

Previously issued DEC-APDES Wastewater discharge permit #: _____

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: Barry K Clay

Responsible Party Name (First Last, Position) - Printed: BARRY CLAY

Business Name (if applicable) - Printed: AURQUEST ALASKA INC.

SECTION 404 WETLANDS PERMIT

JURISDICTIONAL DETERMINATION (CORPS JD) and MITIGATION STATEMENT

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

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

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

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

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

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

Latitude: 64.4119 Longitude: -155.5781

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

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

Certification Statement

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

Operator or Agent:

Barry Clay dba Aurquest Alaska Inc.
Print Name

Barry J Clay
Signature

3/14/24
Date

STREAM DIVERSION

(28)

A MAP OF COMPLETE STREAM DIVERSION IS REQUIRED: The map **MUST** show the entire length of the diversion (i.e., where the water is diverted from the natural stream channel to where it returns to the natural stream channel) with start and end locations clearly marked. Pending on the scale of the proposed diversion, additional maps, construction details, and a stream reclamation plan may be requested in addition to this section after initial review. Operations on BLM lands that are proposing a stream diversion are encouraged to contact their local field office as early as possible in the permitting process due to additional requirements. **Contact ADF&G, Habitat Section for Fish Habitat Permitting information regarding diversion requirements.**

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

Is Stream Diversion Required? Yes (if Yes, complete information below). No

Stream Name: _____

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

Diversion Start/upstream Location (Lat/Long) _____

Diversion End/Downstream Location (Lat/Long) _____

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) Floodplain Width _____(ft)

Dimensions of proposed diversion:

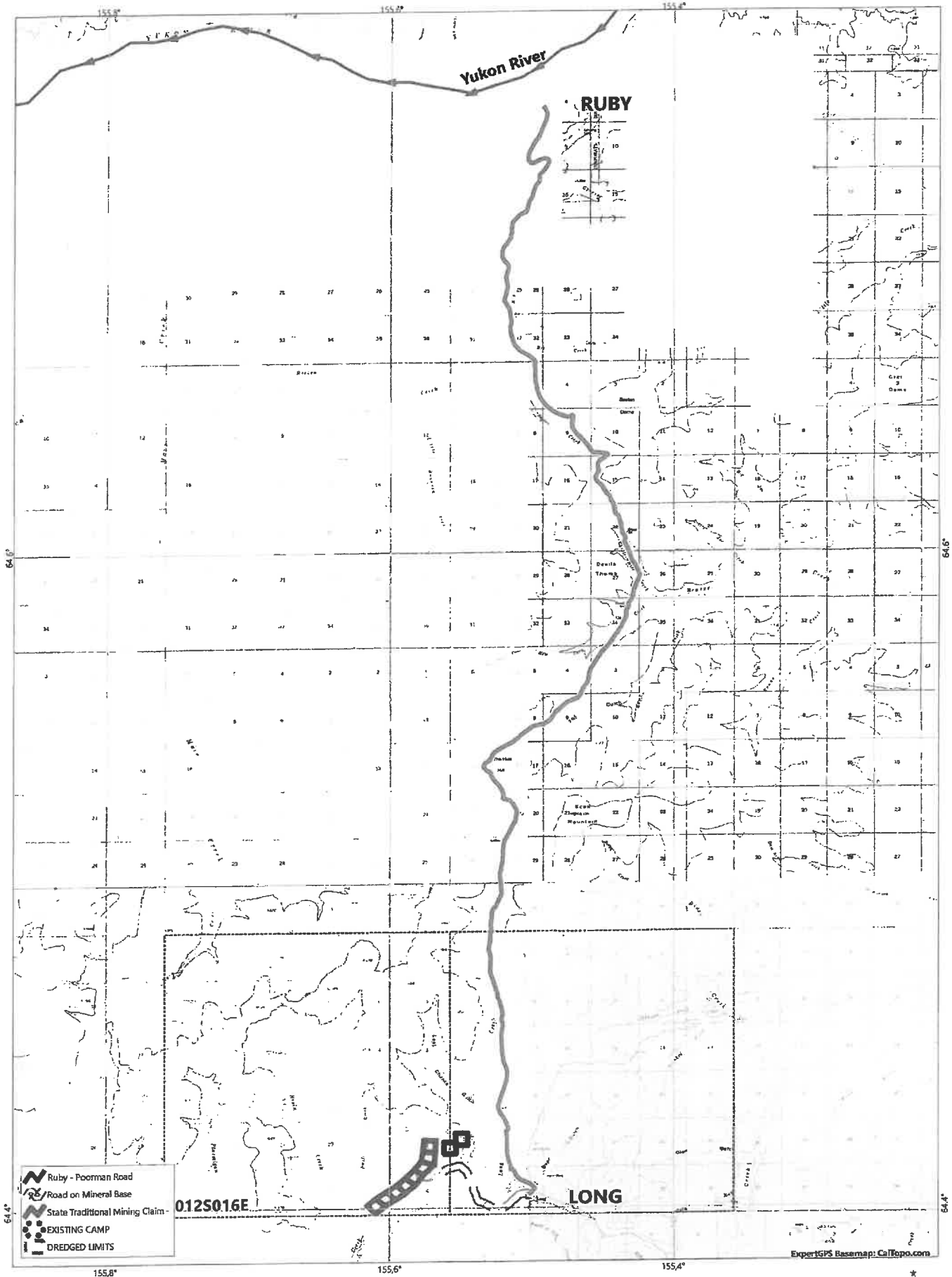
Dominant substrate type (Choose Two): Bedrock Boulder Cobble Gravel Sand Silt/Clay

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

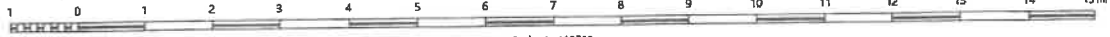
Note: The general geomorphology (e.g., meander, width/depth, pools/runs, etc.) and instream components (e.g., large woody debris, boulder/cobble, etc.) of the natural stream should be mimicked to the extent practicable.

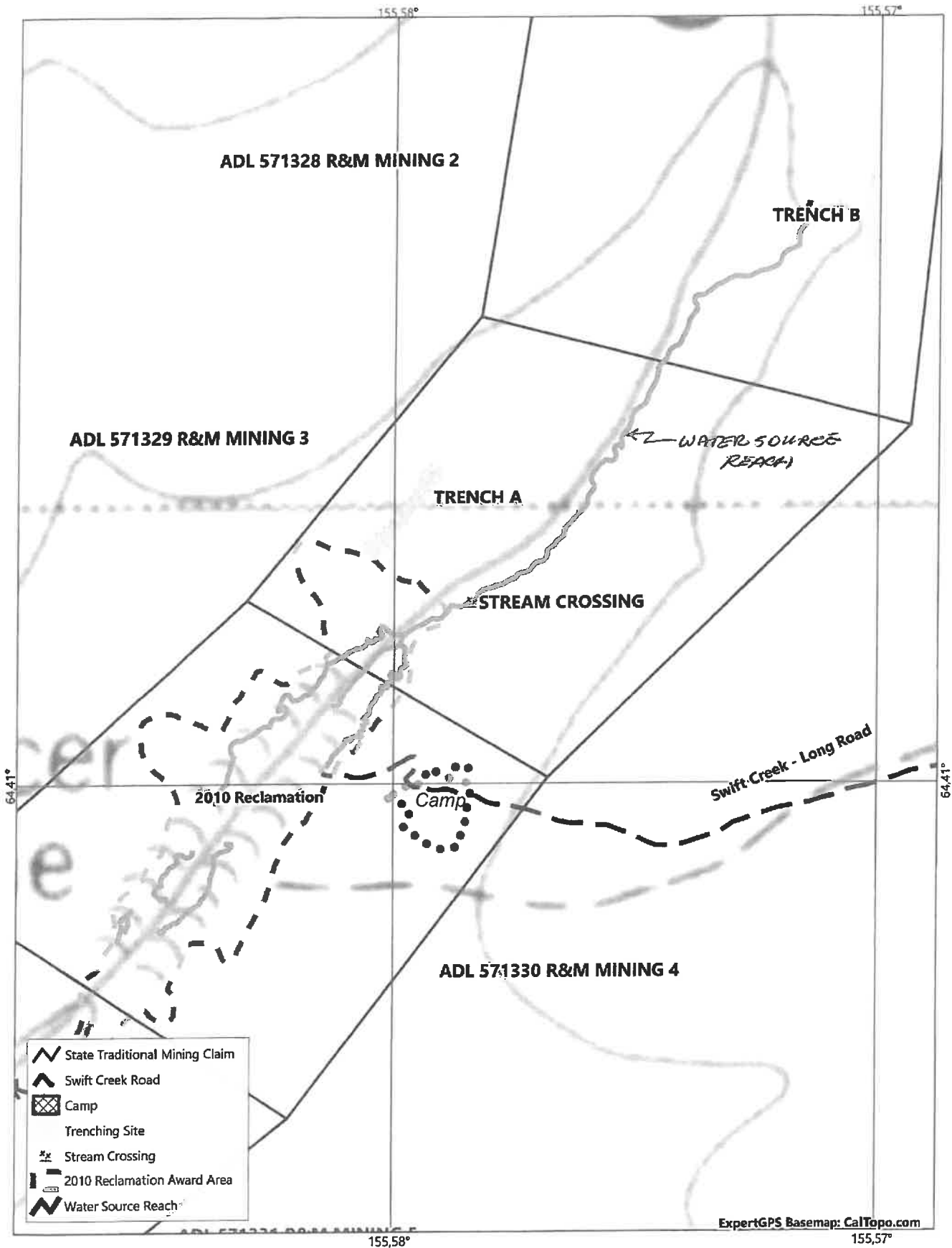
***Required: A written stream diversion narrative in addition to this form. The narrative should describe the following:**

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

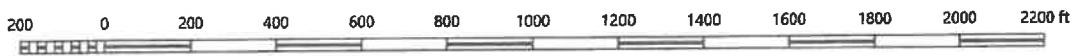


Aurquest Alaska Inc., Swift Creek Claim Block - K012S016E25,35&36 - K012S017E30, Ruby B-6,





Aurquest Alaska Inc. PLAN OF OPERATIONS - K012S016E25,35&36 - K012S017E30, Ruby B-6,

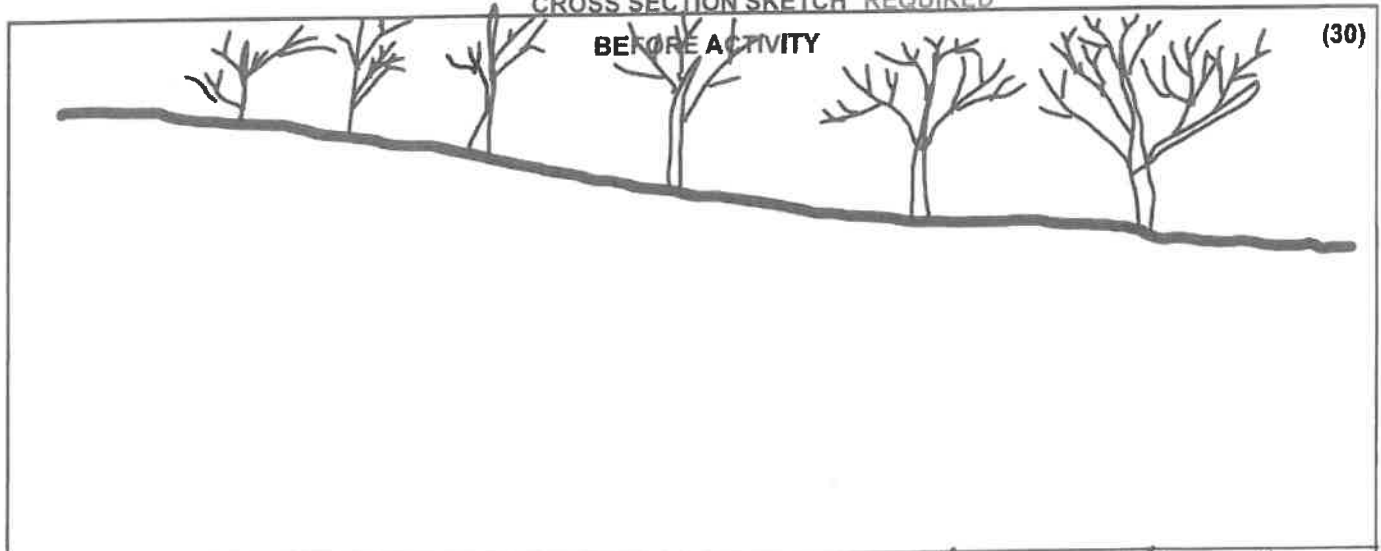


Scale: 1 : 4800.

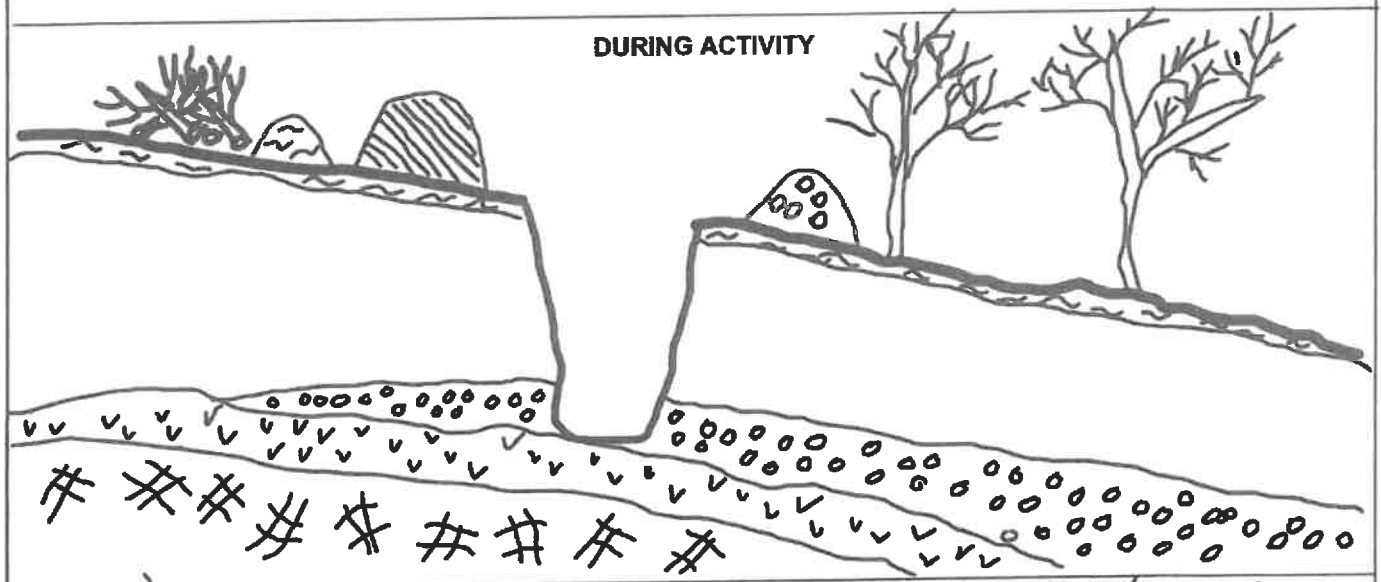
CROSS SECTION SKETCH *REQUIRED

(30)

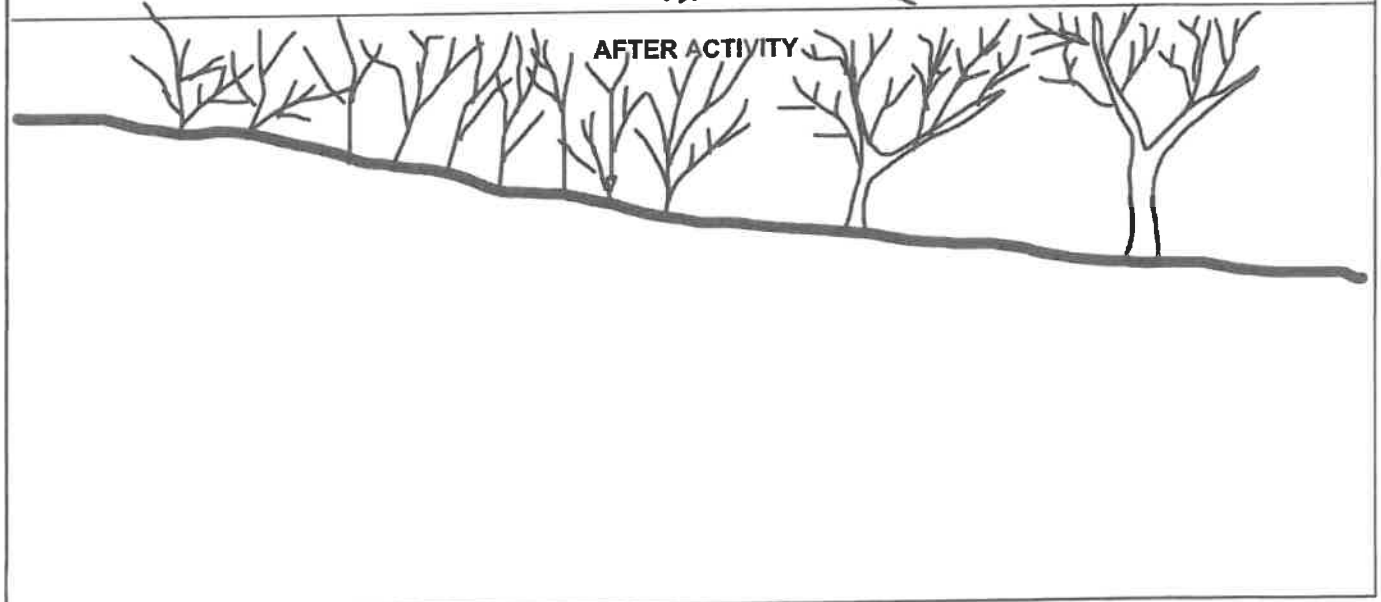
BEFORE ACTIVITY



DURING ACTIVITY



AFTER ACTIVITY



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:

Road access to claim block is via Ruby-Poorman Road, ADOT Route ID. 8341009X000, CDS 059000, and existing Swift Creek Road. Aircraft use Long airstrip. A house constructed in 1974 and equipment storage yard covering approximately 1 acre is located on R&M Mining 4 ADL571330.

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

Exploration trenching only.

Areas determined from exploration to contain ore grade in sufficient volume to mine at a profit will be re-permitted by the APMA process to grub, thaw, strip the topsoil and muck, and mine the proven reserves following the Best Placer Industry Management Practices. The future mined site will be backfilled with tailings, muck, and then topsoil, graded to surrounding terrain, and strewn with grubblings to minimize soil erosion.

If ore grades/volumes profitable to mine are discovered, a Temporary Water Use Permit will be obtained. The volume of water required for camp and panning while prospecting is estimated to be less than 50 gallons per day.

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

Trenching sites will be grubbed of trees & shrubs, the topsoils removed, and overburden removed to the depth of colluvial/alluvial materials. The vegetative debris, topsoils, and overburden will be separately stockpile for later use. The colluvial/alluvial materials and bedrock will be sampled and any valuable minerals concentrated for analysis. When sampling is completed, the trench will be backfilled with sample tailings and overburden, the excavated trench will be backfilled with tailings and overburden, graded to surrounding terrain, covered with topsoil, and strewn with vegetation debris to minimize soil erosion.

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

EROSION MANAGMENT PLAN:

Water will be hauled by 5-gallon bucket for camp use. Samples will be concentrated by panning in Swift Creek. Wastewater will not be discharged into Swift Creek while prospecting. We will follow standard Placer Industry BMP's for exploration, and mine planning, design, construction, montioring and maintenance of a 100% recycle/settling pond system, and mining excavations, and reclamation to minimize surface water degradation and soil erosion.

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

Fuel will be stored in 55 gallon steel drums. Fuel will be handled at least 100 feet from Swift Creek. Spill prevention supplies are carried on all mobile equipment. All equipment is operated by personnel trained to perform pre-operation inspections, maintain and repair worn parts to prevent spills and respond promptly to minimize the impact should a spill occur.

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

The purpose of exploration is to identify, mitigate, and avoid potential impacts to fish, wildlife, and cultural resources. We will minimize impacts to fish and wildlife by avoiding wastewater discharge and completing reclamation annually. Any artifacts of historical nature discovered will be reported to Judy Bittner, Office of Historical Preservation.

2023 ANNUAL RECLAMATION STATEMENT

(34)

- Placer Mining
- Suction Dredging
- Hardrock Exploration

APMA # F5823

Complete and return this statement by December 31, 2023. If you did not operate, fill in your name, check the bottom box, sign, and return form.

In accordance with AS 27.19 (Reclamation Act):

I, Barry Clay dba Aurquest Alaska Inc. hereby file an annual reclamation statement for the 2023 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 2023: 0 cubic yards (Includes strippings and processed material.)

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

Total acreage disturbed in 2023: 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 2023: _____ acres. *You must include photographs or videotapes of the completed reclamation work.*

All un-reclaimed acres for the operation : _____ (This should match "total acreage currently disturbed" on the 2024 Reclamation Plan Form and 2024 Bond Pool Renewal Form if applicable.)

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

- 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:

[Empty box for other reclamation measures taken]

Did not operate in 2023 and therefore did not conduct reclamation.

Relationship to Claim(s)

- Owner Lessee Operator
- Agent For: _____

Signed

Barry R Clay

Date

8/14/24

2024 RECLAMATION PLAN FORM (PLACER EXPLORATION OR MINING)

<input type="checkbox"/> A. RECLAMATION PLAN (REQUIRED if the operation will disturb five or more acres this year, OR 50,000 cubic yards, OR if the operation has a cumulative disturbed area of five or more acres).	<input type="checkbox"/> B. RECLAMATION PLAN VOLUNTARY (for an operation below limits shown in Box A but wanting to qualify for the statewide bonding pool. (Operations on BLM Lands and others not filing Letter of Intent).	<input checked="" type="checkbox"/> C. LETTER OF INTENT (35) (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 2023 Annual Reclamation Statement for Small Mines, or line #7 on your 2024 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 2024 1 acres. Total acreage (currently disturbed plus new acres): 1 acres.

Acreage disturbed by land status: 1 State (general) _____ State (Mental Health) _____ Private _____ Federal _____

Total acreage to be reclaimed in 2024: 1 acres; Total volume of material to be disturbed in 2024: _____ 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.

Barry Clay dba Aurquest Alaska Inc. Printed name (Applicant)	Relationship to Mineral Property: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Agent For: _____	Date: <u>3/14/24</u> APMA #: <u>F582</u>
 Signature (Applicant)		