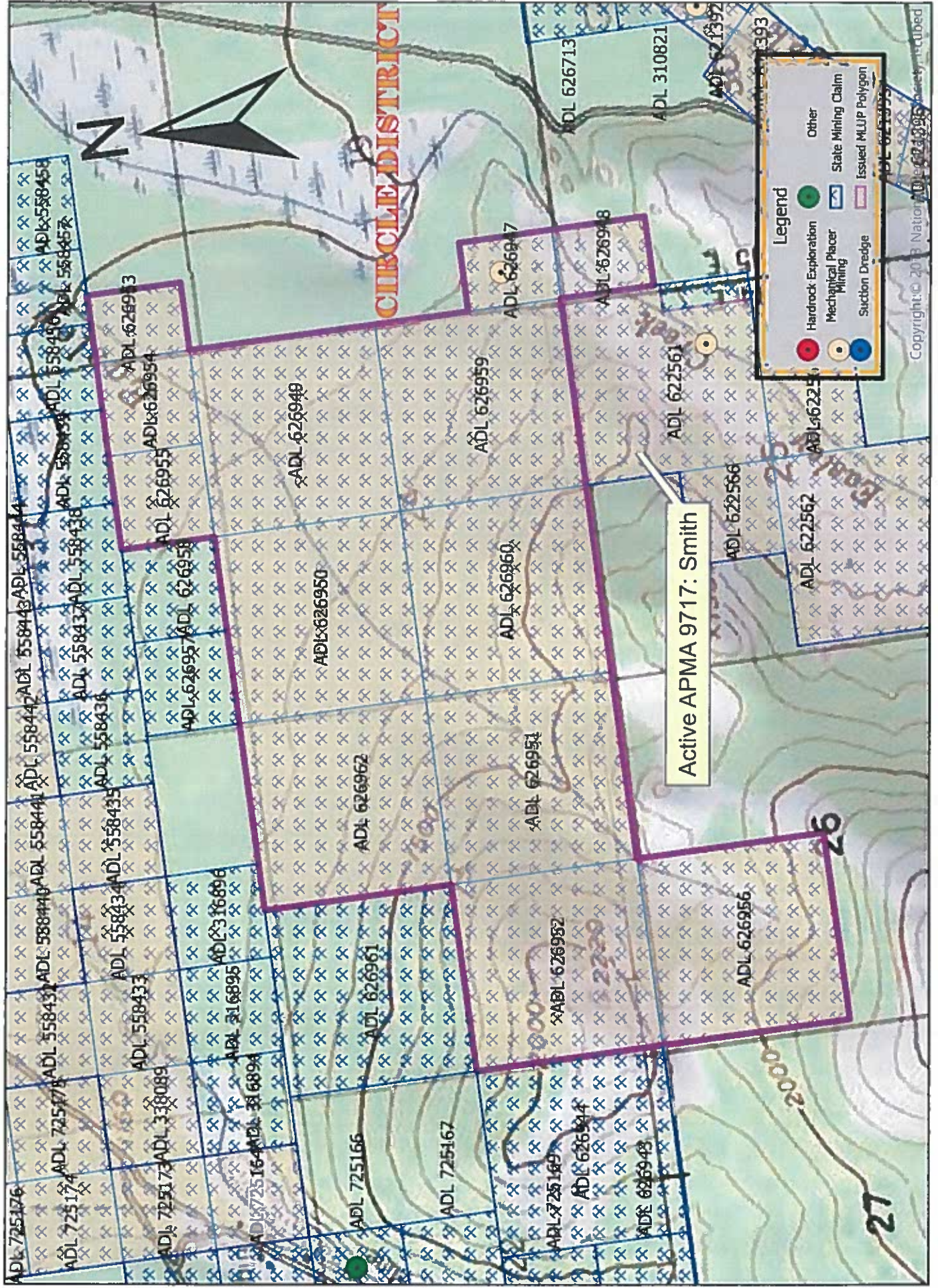


STATE OF ALASKA
Application for Permits to Mine in Alaska (APMA)

☐ Single Year ☒ Multi-year Start: May 1 2020 Finish: 2024 APMA Number (A/F/J, Year, ****) 9717

What type activity are you planning to perform? *REQUIRED (1) <input type="checkbox"/> Exploration/Reclamation <input checked="" type="checkbox"/> Mining/Reclamation <input type="checkbox"/> Hardrock Exploration/Reclamation <input type="checkbox"/> Access Equipment <input type="checkbox"/> Suction Dredge <input type="checkbox"/> Reclamation		Surface estate of mineral properties: *REQUIRED (2) <input checked="" type="checkbox"/> State (General) <input type="checkbox"/> Private (Patented) <input type="checkbox"/> Private (Native Corp.) <input type="checkbox"/> State (Mental Health) <input type="checkbox"/> Federal <input type="checkbox"/> City or Borough	
Mineral Property Owners: *REQUIRED (3) Individual Contact Name and Company Name <u>Ryan Smith</u>		Lessee: (4) Individual Contact Name and Company Name *If applicable	
Mailing Address for official correspondence: *REQUIRED <u>PO Box 872725</u> <u>WASILLA, AK</u> <u>99687</u>		Mailing Address for official correspondence: <div style="text-align: center; border: 1px solid black; padding: 5px;"> RECEIVED JUN 22 2020 </div>	
Summer phone# (Primary): *REQUIRED <u>907 315 6366</u>		Summer phone# (Primary): 	
Summer phone# (Secondary): 		Summer phone# (Secondary):	
Winter phone# (Primary): *REQUIRED <u>Same</u>		Winter phone# (Primary): 	
Winter phone# (Secondary): 		Winter phone# (Secondary):	
Cell/Satellite: 		Cell/Satellite:	
FAX: <u>907 373-0515</u>		FAX:	
E-mail: <u>alaskaconstruction1@gmail.com</u>		E-mail:	
Alaska Business/Corporation Entity #: <u>131435</u>		Alaska Business/Corporation Entity #:	
Registered Agent (Corp./LLC/LP): <u>Ryan Smith</u>		Registered Agent (Corp./LLC/LP):	
Project Name If Applicable: (6)		Average Number of Workers: *REQUIRED (7) <u>6</u>	
Mining District: *REQUIRED (9) <u>Circle</u>		Applicable USGS Map: *REQUIRED (10) <u>Circle (B-2) + (C-2)</u>	
Start-Up/Shut Down: (Month/Day) (8) <u>April 15 to Oct 15+6</u>		On What Stream Is This Activity? (11) <u>Easley Creek</u>	
Legal Description of mineral properties to be worked and other projected related activities (MTRS): *REQUIRED (12) <u>Deadwood 8</u> <u>ADL # 626949, 626950, 626952, 626954, 626959, 626960, 626953, 626956, 626955, 626947, 626948, 626951</u> <u>FOO8N014E sections 13, 23, 24, 26 FOO8N015E sections 19, 30</u>			
Internal Use Only: Date Application Received Complete: _____ Adjudicator: _____ LAS Entry: _____ CID(s): <u>56775</u> CID(s): _____ CID(s): _____			

APMA 9717 Claim Status



MINERAL PROPERTIES LIST

(13)

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.	626949	Deadwood 8	7.	626953	Deadwood 12
2.	626950	Deadwood 9	8.	626956	Deadwood 15
3.	626952	Deadwood 11	9.	626955	Deadwood 14
4.	626954	Deadwood 13	10.	626947	Deadwood 6
5.	626959	Deadwood 18	11.	626948	Deadwood 7
6.	626960	Deadwood 19	12.	626951	Deadwood 10

INVENTORY OF EQUIPMENT

(14)

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.	1 Doosan 225 Excavator	2	X	
2.	1 Thompson 6" Pump - pumping water	2	X	
3.	1 DBN Dozer stripping + Reclamation	1	X	
4.	1 DION Dozer stripping + Reclamation	1	X	
5.	1 S30 Doosan excavator stripping + Reclamation	1	X	
6.	1 400 Hitachi excavator Pay + railings	1	X	
7.	ONE 8Skw generator	1	X	
8.	1 Walker trash pump 6" pumping water	2	X	

ACCESS OUTSIDE OF CLAIM BLOCK

(15)

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

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

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

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

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

Access outside the claim block crosses what type of land(s)? ☒ State (General) ☐ State (Mental Health)

☐ City/Borough ☐ Federal ☐ Private ☐ Private (Patented) ☐ Private (Native Corp. Land)

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

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

MV_ST_MINING

Source: Alaska Department of Natural Resources, Information Resource Management

Case ID	Case Status	Label	Case Type	Claim Name	Customer Name	Notepost Date	MTRS	Acres
ADL 626947	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 6	Smith Ryan	15-FEB-20	F008N015E19	40
ADL 626948	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 7	Smith Ryan	15-FEB-20	F008N015E30	40
ADL 626949	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 8	Smith Ryan	15-FEB-20	F008N014E24	160
ADL 626950	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 9	Smith Ryan	15-FEB-20	F008N014E24	160
ADL 626951	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 10	Smith Ryan	15-FEB-20	F008N014E23	160
ADL 626952	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 11	Smith Ryan	15-FEB-20	F008N014E23	160
ADL 626953	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 12	Smith Ryan	15-FEB-20	F008N015E18	40
ADL 626954	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 13	Smith Ryan	15-FEB-20	F008N014E13	40
ADL 626955	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 14	Smith Ryan	15-FEB-20	F008N014E13	40
ADL 626956	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 15	Smith Ryan	15-FEB-20	F008N014E26	160
ADL 626959	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 18	Smith Ryan	15-FEB-20	F008N014E24	160
ADL 626960	Active (35)	ISSUED	Mining Claim (713)	DEADWOOD 19	Smith Ryan	15-FEB-20	F008N014E24	160

END OF REPORT

Report Information

Source ID 60
Source Name MV_ST_MINING
Source Description
Run Date and Time 06/23/2020 08:12:18 AKDT
Record Count 12

SQL Statement

SELECT

ACCESS OUTSIDE OF CLAIM BLOCK, CONTINUED

Indicate type(s) of existing access:

- ☒ All Season Road: Grider Hot Springs Rd + Ketchikan Creek Rd - 2 ways
☐ Summer Cross Country Travel off of claim block that is not considered Generally Allowed Uses (Complete Box 16)
☐ Airstrip
☐ River
☐ Winter Cross Country Travel that is not generally allowed use (Complete Box 16)

Indicate type(s) of access to be constructed:

- ☐ Access Road
☐ Airstrip

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

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

existing Road Access to claims.

CROSS COUNTRY TRAVEL

(16)

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

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

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

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

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

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, CONTINUEDAre 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:

1000 Gallons Diesel Fuel

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

1000 GALLON Diesel Fuel

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

TANKS

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

TRUCKS + TRAILERS

Do you have an Oil Discharge Prevention and Contingency Plan approved by the Alaska Department of Environmental Conservation? ☒ Yes ☐ NoDo 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.

N/A

PETROLEUM PRODUCTS AT PROJECT SITE

(17)

Will Petroleum Products Be Stored on the Project Site?

[BLM Operators Only - Spill Worksheet is Required]

- ☒ 0-1,320 gallons of total storage (Secondary Containment recommended, but not required)
- ☐ 1,321-10,000 gallons of total storage (count only containers greater than 55 gallon capacity). A self-certified Spill Prevention, Control, and Countermeasure (SPCC) plan is required and applies to all products, such as diesel fuel, gasoline, lube oil, hydraulic oil and waste oil.
- ☐ 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: 600 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**ABOVEGROUND STORAGE TANK REGISTRATION**

(18)

If your operation will employ the use of at least one 1,000-gallon aboveground storage tank of noncrude oil (e.g. diesel), it must now be listed on a Class 2 Facility Registration and Notification Form. For additional information, including the registration form, visit <http://dec.alaska.gov/spar/ppr/prevention-preparedness/class-2-facilities/> or contact Class 2 facility staff at (907)465-5237 or dec.spar.class2@alaska.gov.

Understood: ☒ Yes ☐ No

TEMPORARY STRUCTURES/FACILITIES

(19)

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

If No, Please explain: _____

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

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

Proposed Perimeter Dimensions of Camp: 200 length (ft) 400 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): 626948

☒ Year-Round ☐ Seasonal, from Approx. _____ to _____, annually.

	Temporary New Structures	Existing Structure Quantity	Use (Shop, office, etc.)	Dimensions (ft x ft)	Dimensions (ft x ft)	Dimensions (ft x ft)
Framed						
Tent						
Trailer	<u>1</u>	<u>0</u>	<u>office</u>			
Platforms						
Out-Buildings	<u>1</u>	<u>0</u>	<u>storage</u>	<u>12x16</u>		
Other:						

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

Wastewater - Describe the wastewater type and quantity and proposed method of wastewater disposal:

Self contained system and privy

Solid Waste - Describe the types of waste that will be generated on-site, including solid waste, the source of the waste, and the method of waste disposal, i.e. pit privy, or self-contained system, or outfall line; **Include distance from the nearest water body:**

OUT House privy - Distance from nearest water body is 500'
Garbage to be hauled to nearest DEC waste transfer site.

What is the distance structures, including pit privies 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: 500'

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

Dismantle, Removal, and Restoration Plan: Provide a plan for dismantling and removing temporary structures. Include the method and timeline for restoration of all stucture location areas. **Be sure to include this in your narrative as part of your reclamation, See Section 31.**

MINING METHOD

(20)

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

Estimated cubic yards processed annually: 50,000

☐ 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. ³ /Hr.:		Yds. ³ /Hr.:		Yds. ³ /Hr.:	
Wastewater Discharge Rate	GPM:		GPM:		GPM:	
Maximum Water Depth	Feet:		Feet:		Feet:	
Average Daily Operating Hours						
Operation on Sea Ice (Yes/No)	Yes <input type="checkbox"/> / No <input type="checkbox"/>		Yes <input type="checkbox"/> / No <input type="checkbox"/>		Yes <input type="checkbox"/> / No <input type="checkbox"/>	
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)

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

Trenching: Yes ☒ No ☐

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

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

Drilling: Yes ☒ No ☐

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

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

Will water be used? ☐ Yes ☐ No

Indicate how many pumps per water source: _____

Water source name(s): _____

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

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

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

EXPLOSIVES

(22)

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

Explosive Handler's Certification/ATF Permit Numbers: _____

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

DAMS

(23)

Definition of "dam" as described in AS 46.17.900(3). 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.

☒ No dam required ☐ Existing ☐ To be constructed

Proposed Structure: ☐ Temporary ☐ Permanent

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

Length: 200 ft Height: 10 ft Width At Crest: 20 ft Width At Base: 50 ft

Calculated Water impoundment capacity: _____ acre-feet

IN-STREAM ACTIVITIES and STREAM CROSSINGS

(24)

List any equipment that will be crossing streams or used in-stream (refer to Box 14 if necessary):

1. D10 Dozer, 1 D8 Dozer, 1 New Hitachi ex, 2 6" pumps, 2008 Chevy 2500 Truck, 1985 Ford Service Truck, 1 2005 Deere excavator, 1 530 Deere excavator

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.	eastley creek	65,4988 N	144,7450 W	SECTION 19 SW of SW	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

WATER USE AUTHORIZATIONS

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

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

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

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

What is the name(s) of the lake, stream, creek, river, etc.? No Name of Drainage Creek

What are the months of water use needed (for example May 1st through October 31st)? April 15 - November 1

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

☒ Yes (if YES, complete information below). ☐ No If yes, what is the source name? No Name of Drainage

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: 1300 gpm 12 hrs/day

☒ Pump from stream. Number of days pumping from stream for start-up water: _____

☒ Number of water pumps for start-up water: 2 Water intake rate (list for each pump): 1300 gpm
12 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? No name of creek

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: 1300 gpm 12 hrs/day

☒ Pump from stream. Number of days pumping from stream for make-up water: 12

☒ Number of water pumps for make-up: 2 Water intake rate (list for each pump): 1300 gpm
12 hrs/day Pump intake size: 6 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? 3

Recycle pond is pond #: 3 Settling pond is pond #: 1-2

C. RECYCLE/SETTLING POND SYSTEM (continued).

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

Pond # 1: L: 200 ft W: 150 ft D: 10 ft Pond # 2: L: 200 ft W: 150 ft D: 10 ft

Pond # 3: L: 200 ft W: 150 ft D: 10 ft Pond # 4: L: 200 ft W: 150 ft D: 10 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: 12 hrs/day 6 inches 1300 gpm 15 days/month
Pump #2: 12 hrs/day 6 inches 1300 gpm 15 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 6

Camp water source: ☐ Well ☐ Haul ☒ Stream ☐ Spring ☐ Lake

Name of water source (if any): No Name

Camp pump intake diameter: 2 Camp pump rate: 110 gpm 2 hrs/day

E. EXPLORATION ACTIVITIES.

Is water required for exploration activities? ☐ Yes ☒ No

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

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

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

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

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

F. SUCTION DREDGING.

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

TIMBER CLEARING AND USE (Operations on State Lands Only)

(26)

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

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 If yes, continue:

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: ditch at road

Approximate coordinates of mine site:

Latitude: 65.4986 N Longitude: 144.7461 W

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: Ryan Smith

Business Name (if applicable) - Printed: ALASKA CONSTRUCTION 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.

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.

Note:

If your APMA requires, but does not include a JD or Mitigation Statement, your application will be considered incomplete. The Corps may also contact you for additional information. Please ensure your contact information on the front page is current.

For BLM Operators: A complete 404 Wetland Permit Package with additional photos of the upland areas to be mined will be sufficient to meet the requirement for the uplands reclamation baseline data and riparian mitigation measures as required by § 43 CFR 3809.

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

Latitude: 65 15105 N Longitude: - 144. 7690 W

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

Ryan Smith
Print Name

[Signature]
Signature

3-11-20
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.

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 24 (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/index.cfm>

Is stream diversion required? ☐ Yes (if YES, complete information below). ☒ No

Stream Name: NONE

☐ 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)

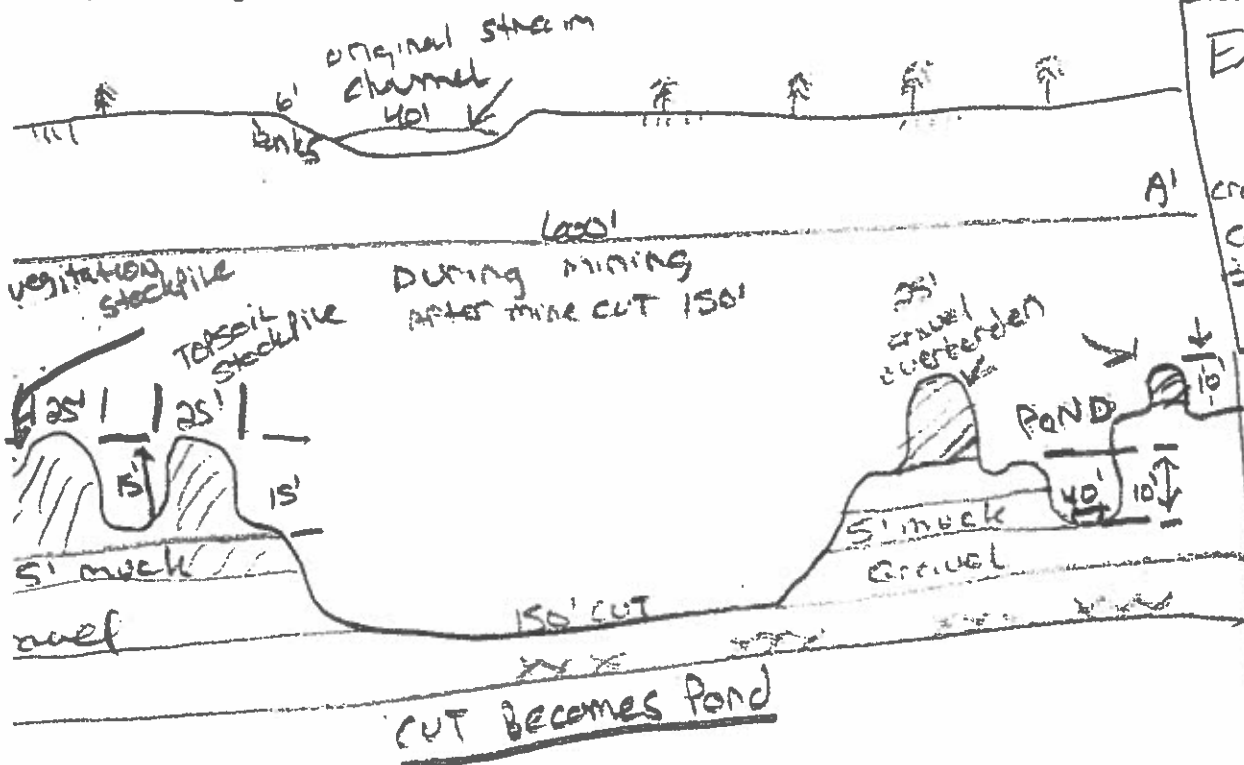
Dominant substrate type (Choose Two): ☐ Bedrock ☐ Boulder ☐ Cobble ☐ Gravel ☐ Sand ☐ Silt/Clay

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

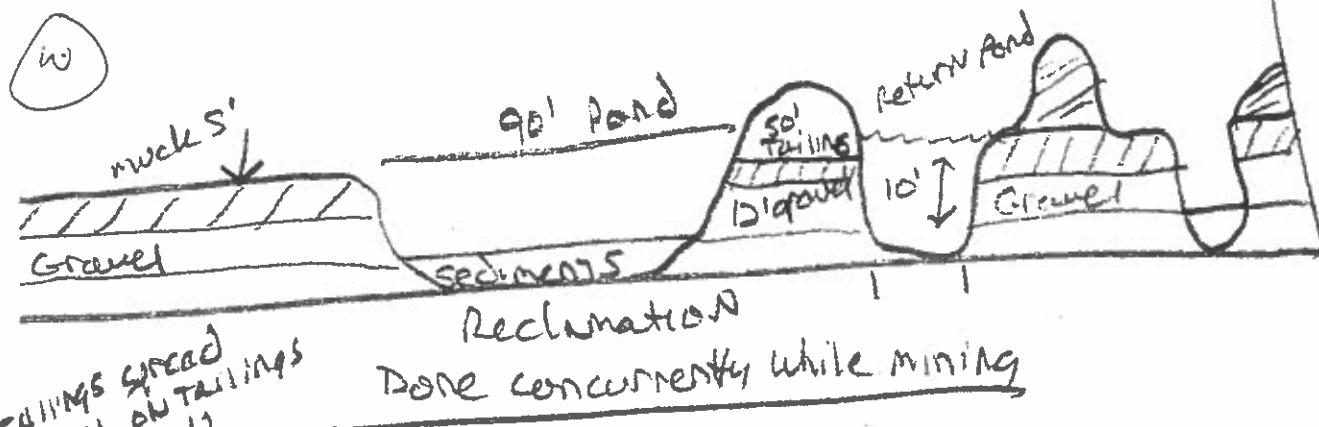
**(Please provide plan and profile diagrams of diversion in Section 29, PLAN MAP OF OPERATION)
or attach additional sheets as necessary**

(N) Plan of operation CROSS SECTION

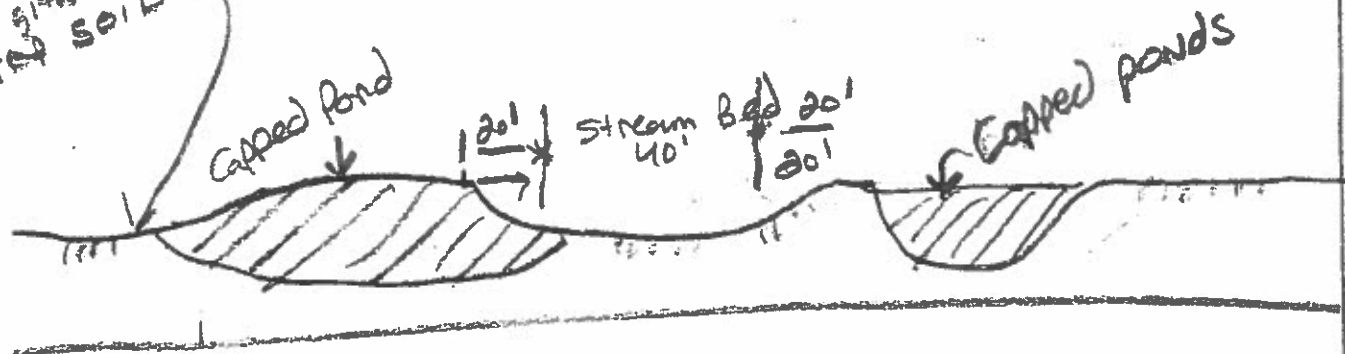
operator Ryan Smith
Easley Creek



Cross Section sketch
cut/Pond and stream
disappears



TAILINGS SPREAD
TOPSOIL ON TAILINGS
SITUATION ON
TOP SOIL



central,
AK

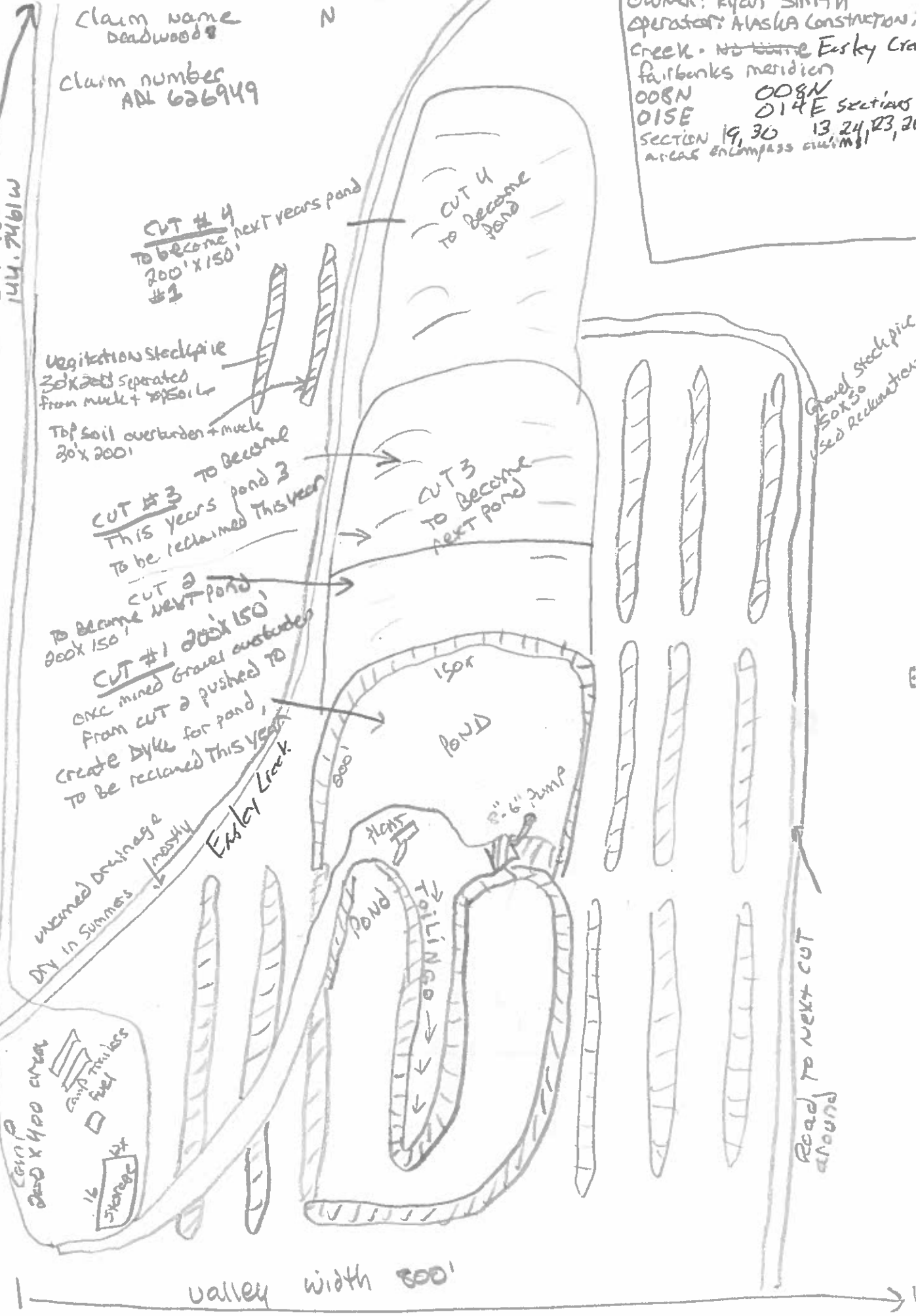
Access Road from Ketchum Creek Rd to claims

N

Claim name
Deadwood
Claim number
AN 626949

OWNER: KYLE SMITH
OPERATOR: ALASKA CONSTRUCTION,
Creek - No name Esky Cra
Fairbanks meridian
008N 014E sections
SECTION 19, 30 13, 24, 23, 21
AREAS ENCOMPASS CLAIMS

Access Road to next cut around



mining plan for Placer - mining

PLACER/SUCTION DREDGE NARRATIVE *REQUIRED

(32)

A narrative of the operation is required. Please use the space provided below or attach additional sheets as necessary to answer the following questions. Include any additional information to fully define your operation.

DESCRIBE ACCESS, PERSONNEL HOUSING AND CAMP LAYOUT: Camp is gravel pad
200K 400 area, shed for storage, Camper trailers (2), outhouse,
area for service truck.

DESCRIBE PROGRESSIVE STEPS OF MINING METHOD:

first cuts become ponds, then filled during mining process
Concurrently Reclaimed as it is mined, Dozer then
flattens contours, and topsoil and vegetation is replaced
and spread on top.

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

Reclamation is done concurrently while being mined
each pond is filled with gravel and capped after, then
topsoil + vegetation spread back

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

EROSION MANAGEMENT PLAN: Source is Spring, Drainage water,
ground + surface water, Berms for erosion purposes will
be built as needed.

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

Fuel storage is inside tanks on trucks + trailers
All are trained spill response.

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

CULTURAL RESOURCES: we will mitigate impacts to fish + wildlife
By following DNR Guidelines, process + procedures for all
mining + reclamation.

2019 ANNUAL RECLAMATION STATEMENT

(32)

- ☒ Placer Mining
☐ Suction Dredging
☐ Hardrock Exploration

APMA #: 9717

Complete and return this statement by December 31, 2019. If you did not operate, fill in name, check bottom box, sign and return form.

In accordance with AS 27.19 (Reclamation Act):

I, Ryan Smith

hereby file an annual reclamation statement for the 2019 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 2019: 0 cubic yards (includes strippings and processed material).

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

Total acreage disturbed in 2019: _____ acres. (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.

☐ No Diversion

Stream diversion: ☐ Temporary ☐ Permanent (check one).

Total area reclaimed in 2019: _____ acres.

Total un-reclaimed acres: _____ (This should match "total acreage currently disturbed" on the 2019 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 2019 and therefore did not conduct reclamation.

Relationship to Claim(s)

☒ Owner ☐ Lessee ☐ Operator

☐ Agent For: _____

Signed

Date

2020 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 (34) (less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area).
---	---	--

In accordance with Alaska Statute 27.19, reclamation is required of all mining operations. Reclamation bonding is required of operations with disturbance of 5 acres or greater. Completion of this application will meet the requirements for a "Reclamation Plan" for operations 5 acres and larger in size and for a "Letter of Intent To Do Reclamation" for operations under 5 acres. If you do not intend to use the reclamation methods presented below, you must provide additional information concerning your plans for reclamation under separate attachments.

Total acreage currently disturbed: 5 acres. This should match: "Total Unreclaimed Acres" on your 2019 Annual Reclamation Statement for Small Mines, or line #7 on your 2020 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 2020 5 acres. Total acreage (currently disturbed plus new acres): 5 acres.

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

Total acreage to be reclaimed in 2020: _____ acres; Total volume of material to be disturbed in 2020: _____ 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.

RECEIVED

THE FOLLOWING RECLAMATION MEASURES SHALL BE USED:


(These measures are required by law. Those that do not apply may be crossed out; but, JUN 22 2020 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 <http://www.blm.gov/ak/st/en/prog/minerals.html> for more information on what is needed for a reclamation plan on Federal lands, as they may be different than those identified above.

<u>Ryan Smith</u> Printed name (Applicant)	Relationship to Mineral Property: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Operator <input checked="" type="checkbox"/> Agent For: <u>AKELBY CONSTRUCTION</u>	Date: <u>3-11-20</u> APMA #: <u>9717</u>
 Signature (Applicant)		

claim location map

N

Locations



claim location map

▨ area claims to be mined and explored.

owner: Ryan Smith
operator Ryan Smith
Alaska Construction Inc
creek unnamed - NONE -
Section 19
008N
015E
SW of SW
Fairbanks meridian

S

Section 19
SW of SW
fourth of section
65, 4986 N
144, 7461 W Access location Road.



☒ claim locations
 fairbanks meridian
 008N
 015E
 sections 19, 24, 33, 36, 18
 also encompassed areas in
 008N
 014E
 fairbanks meridian

NOTICE OF OPERATOR AUTHORIZATION -- STATE MINERAL LOCATIONS

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

OPERATOR AUTHORIZATION

I, Ryan Smith

, OWNER of state claim(s) :

Claim Name

ADL Number

Claim Name

ADL Number

Claim Name

ADL Number

(Attach additional sheet if necessary)

Have authorized Ryan Smith - ALASKA CONSTRUCTION INC

Address of Operator PO Box 872725 WASILLA, AK 99687

to operate on these claims from 1 / 1 to 1 / 1

Owner's Signature [Signature]

Date 3-11-20

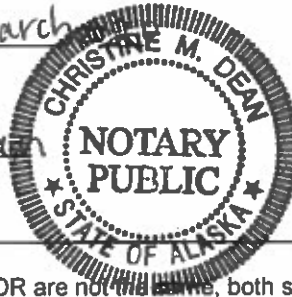
NOTARY

Subscribed and sworn to before me this 11 day of March

For (owner) Ryan Smith

(Signature of Notary) Christine M. Dean

My commission expires: Christine M. Dean
01/03/2023



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

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

Claim Name

ADL Number

Claim Name

ADL Number

Claim Name

ADL Number

(Attach additional sheet if necessary)

have authorized _____ to operate on these claims from 1 / 1 to 1 / 1

Lessee's Signature _____ Date _____

Lessee's Address _____

NOTARY:

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

For (Lessee)

(Signature of Notary) _____

My commission expires: