



## STATE OF ALASKA

Multi Agency Permit Application

### FOR SUCTION DREDGE OPERATIONS (APMA) FOR MINING PERMITS; RECLAMATION PLAN APPROVAL; LAND USE PERMITS (SURFACE STRUCTURES; EQUIPMENT ACCESS);

**GENERAL:** To conduct commercial suction dredge activities in the State of Alaska, permits and licenses may be required from several State and Federal agencies. This application, when completed, will be distributed by the Alaska Department of Natural Resources (ADNR), Division of Mining, Land & Water (DMLW), Mining Section (DNR-Mining) to those agencies involved in the permitting process.

**OPERATIONAL PERMITS:** For most suction dredge operations, the completion of this form should satisfy the application requirements for the following permits. Once you file your application, it will be reviewed by DNR-Mining and distributed online to the other agencies. Each agency will download and review your application and issue their permit. **Do not assume that you have all of the permits you required to have. We suggest that you contact each agency to make sure your application has been received and processed.**

■ DNR-Mining:

- Miscellaneous Land Use Permit (MLUP); Approved Plan of Operation (mining activity on State Upland Mining Leases; Offshore Mining Leases; Offshore Prospecting Permits); and Reclamation Plan of Approval for a mining operation.
  - Mining operations on State land are also subject to the production royalty, administered by the ADNR. Failure to comply with production royalty requirements can result in loss of mining claims, default of leases, or suspension/revocation of the Miscellaneous Land Use Permit
  - Winter Cross Country Travel. Applications must be submitted 4 weeks prior to commencement of travel.
- DNR – DMLW – Land Section (DNR-Lands): Miscellaneous Land Use Permit (access/surface activity on State land other than mining claims), including summer cross country travel. Summer cross country travel permits can take 60-90 days to process. Submit applications early.
- DNR – DMLW – Water Section (DNR-Water): Water Use Authorization.
- Alaska Department of Fish & Game (ADF&G): Fish Habitat Permits (Title 16).
- Bureau of Land Management (BLM): Notice of Plan of Operation. Read BLM Instructional Supplement to determine information requirements beyond this application at <http://www.blm.gov/ak/st/en/prog/minerals.html>
- Department of Environmental Conservation (DEC): Wastewater Discharge General Permit (APDES).
- U.S. Army Corps of Engineers (USACE): Regional General Permit (RGP) 2007-372-M1 for Floating Recovery Devices (FRDs), or Individual Permit. Read USACE Fact Sheets to determine information requirements beyond this application. USACE web page. Individual Permit application materials are available online at <http://www.poa.usace.army.mil/> or call (907) 753-2712 to request application materials. **APMAs RECEIVED BY DNR-MINING AFTER 5/31/2013 WILL NOT RECEIVE USACE GENERAL PERMITS FOR THE 2013 MINING SEASON.**

**OTHER PERMITS OR INFORMATION THAT MAY BE REQUIRED:**

- DEC Individual Permit – Separate application may be required for operations that do not qualify for the general permit
- Notice of Operator Authorization Form (NOOA) – Operators on State land, not recorded as owners, need to submit an NOOA with APMA. NOOA form available at <http://dnr.alaska.gov/mlw/forms/13apma/nooa.pdf>
- Department of Revenue: Alaska Mining License (DOR) – It is a license for purposes of the mining license tax, **not** a license to mine. Non-compliance with mining license tax requirements can result in financial penalties. If you sell gold or other precious metals a mining license is required. If you have questions, contact Sarah Wilson, (907) 269-1017 [sarah.wilson@alaska.gov](mailto:sarah.wilson@alaska.gov).

**RECLAMATION:** Applications must be submitted early to assure the issuance of permits and approval of reclamation plans before commencement of field operations (for DNR-Mining, the APMA is considered to be the proposed Reclamation Plan). In accordance with Alaska Statute 27.19, a miner may not engage in mining activity, involving five or more acres of disturbance on State land, until a reclamation plan has been approved. Operations under five acres must submit a Letter of Intent to Conduct Reclamation by checking the appropriate box on the Reclamation Page (Section 25) and file an Annual Reclamation Statement no later than December 31st. **All** plans and notices on BLM managed lands per 43 CFR 3809.10 require a separate reclamation plan to be filed with BLM.

**BONDING:** All mining operations, with a mining disturbance of five acres or more on State land, must be bonded per Alaska Statute 27.19. The State does not include roads and camps in bonded acreage. The "State Wide Bond Pool Form", included with this packet, may be submitted with the application to satisfy this requirement or evidence of an individual performance bond may be submitted. Operations of less than five acres disturbance on State land normally do not require bonding. **If your operation involves BLM managed land, you must obtain BLM approval of your bond pool form prior to submission of the application to a DNR-Mining office.** BLM requires bonding for all disturbances, including mine cut, haul roads and camps.

**AMENDED PLANS:** Changes in operation must be submitted in writing and approved in advance before the commencement of such activity.

**FEES:** A **\$150.00** processing fee is charged when an APMA is submitted and thereafter \$50.00 is charged for each amendment to the application.

- "Multi-Year" Miscellaneous Land Use Permits and Reclamation Plan Approval and Approved Plan of Operations (for up to five years): **\$150.00 payable when APMA is submitted and a discounted \$50.00 fee for each additional year.**
- Make check or money order payable to "**DEPARTMENT OF NATURAL RESOURCES.**"

**STRUCTURES/CAMP FACILITIES:** The placement and use of all surface structures must be requested and approved in advance and described in detail. Structures must be necessary for the mining or exploration activity and will be temporary in nature, without permanent foundations. Recreational cabins and commercial recreation businesses are not authorized under mining law. Separate authorization for these activities must be acquired from the DNR-Land. **Please note that fill discharged in wetlands or other waters of the U.S. for the construction of camps may require a separate application to the USACE.**

#### **INTERAGENCY SUPPLEMENTAL FORMS AND DOCUMENTS ARE AVAILABLE AT:**

<http://dnr.alaska.gov/mlw/forms/?tab=mining>

#### **\*\*\*\* NEW REQUIREMENT FOR ELECTRONIC SUBMISSION \*\*\*\***

If an applicant is requesting authorization to conduct permitted activities on more than 12 claims an electronic list of ADL's will be required in MSEXcel format. A MSEXcel template is downloadable at: <http://dnr.alaska.gov/mlw/forms/?tab=mining>. Electronic application materials can be submitted by e-mail to [dnr.fbx.mining@alaska.gov](mailto:dnr.fbx.mining@alaska.gov) or provided on other media with application packet.

#### **SUBMIT COMPLETED APPLICATIONS TO ONE OF THE OFFICES BELOW:**

State Division of Mining, Land & Water  
Mining Section  
550 W. 7<sup>th</sup> Ave. Suite 900B  
Anchorage, AK 99501-3577  
Telephone: (907) 269-8647 or (907) 269-5916  
FAX: (907) 269-8949

Or

State Division of Mining, Land & Water  
Mining Section  
3700 Airport Way  
Fairbanks, AK 99709-4699  
(907) 458-6896 or (907) 451-2791 or (907) 451-2774  
(907) 451-2703

## SUCTION DREDGE APMA INSTRUCTIONS AND CHECKLIST

Applications are processed in the order they are received. **Applications submitted after May 1 may not be processed before the start of the mining season.** Applicants who need winter cross country travel need to submit their application 4 weeks before the planned travel.

**PREPARATION OF APPLICATION:** State mining regulations require applications to be completed in ink or by typewriter. All sections **MUST** be completed. **If it is not applicable to the operation, then indicate by "N/A". Sketches must include all components listed on the sketch checklist -- again, indicate "N/A" if a component does not apply.**

**ATTACHMENTS:** Attachments to your application can be in black and white or color and should measure at least 8 1/2" x 11" in size. Over size or color attachments, required to clarify complex operations, may be provided by the applicant in addition to the 8 1/2" x 11" size used to meet distribution requirements. Applicants requesting authorization to conduct permitted activities on more than 12 claims will be required to submit supplemental information in electronic format. Electronic application materials can be submitted by e-mail to [dnr.fbx.mining@alaska.gov](mailto:dnr.fbx.mining@alaska.gov) or provided on other media with application packet. Please call DNR-Mining if you have questions.

**CHECKLIST:** Please review the following checklist and make certain all applicable items are included before submitting the application – **INCOMPLETE APPLICATIONS WILL BE RETURNED.**

- ] Is the applicable processing fee enclosed?
- ] Are all sections on the application completed? Write "N/A" or "DOES NOT APPLY" or draw a diagonal line through any sections, which do not apply.
- ] Completed, current, readable sketch and narrative of proposed operation. Include all items listed on sketch checklist.
- ] Reclamation pages signed and dated with the appropriate boxes checked: 2012 Annual Reclamation Statement (section 24) and Reclamation Plan (section 25)
- ] Notice of Operator Authorization form -- If you are operating on State mineral locations and are not an owner of the property being worked.
- ] Completed State Wide Bond Pool Form or State Wide Bond Pool Renewal Form, if applicable. Include signed BLM approval if Federal claims are listed on the APMA.
- ] Applicable reclamation bonding fees.
- ] BLM Supplements Completed if necessary
- ] Multi-Year APMA Permit Holder – **the following forms must be submitted annually:**
  - ] Signed Annual Reclamation Statement (section 24) – if disturbance is less than 5 acres or if you want the form to be used for the USACE annual report.
  - ] Signed Annual Reclamation Plan (section 25)
  - ] Signed Bond Renewal Form – with appropriate fees, if disturbance is equal to or greater than 5 acres on State or Private land, or any disturbance on BLM land.
- ] All attachments (paper or electronic) included
- ] Are applicable maps listed below enclosed?

**ACCESS MAPS:** Include the appropriate U.S. Geological Survey (USGS) topographic map or maps at a scale of one inch equals one mile (1:63,360) overlain with the proposed access route. Identify **entire** access route to your claim block from a major road system, airstrip, or boat landing. Reproduced portions of maps in 8" x 11" size are acceptable, **provided they are readable and suitable for copying.** Each map should be clearly identified with: 1) USGS identifier, i.e. Fairbanks A-3; and 2) all legal descriptions (townships and ranges involving the route). List all named and unnamed streams crossed by the access route. See example.

**CLAIMS LOCATION MAP:** Include a USGS topographic map at a scale of one inch equals one mile (1:63,360), illustrating: location; claim name; claim number; camp location; airstrips; legal description; and appropriate USGS map identifier. Identify those claims with existing disturbance and those on which activity will take place this season.

**INCOMPLETE APPLICATIONS WILL BE RETURNED**

For DNR internal use only:  
 Reviewed by: \_\_\_\_\_  
 Date: \_\_\_\_\_

**STATE OF ALASKA**  
**Multi-Agency Permit Application (APMA)**  
**FOR SUCTION DREDGE OPERATION**

Multi-year start year: \_\_\_\_\_ end year: \_\_\_\_\_ APMA Number: \_\_\_\_\_

**APPLICANT AND SITE INFORMATION**

<b>What type activity are you planning to perform? (1)</b> <input type="checkbox"/> Exploration <input type="checkbox"/> Suction Dredging	<b>Are the mineral properties: (2)</b> <input type="checkbox"/> State (General) <input type="checkbox"/> Private (Patented) <input type="checkbox"/> Private (Native Corp. Land)
<input type="checkbox"/> Reclamation <input type="checkbox"/> Access Equipment	<input type="checkbox"/> State (Mental Health) <input type="checkbox"/> Federal

**Check, as appropriate, and indicate permit number, if any of the following agencies have issued permits for these mineral properties: (3)**

DNR-Water TWUP/ADL/LAS Number: \_\_\_\_\_

DEC- APDES Wastewater Discharge Permit No: \_\_\_\_\_

ADF&G – Habitat Permit No: \_FH-\_\_\_\_\_ Date expires \_\_\_\_\_

BLM - “Notice” \_\_\_\_\_ “Authorization” \_\_\_\_\_ “Occupancy” \_\_\_\_\_

USACE Permit No(s) POA- \_\_\_\_\_ - \_\_\_\_\_, POA- \_\_\_\_\_ - \_\_\_\_\_

Other State or Federal Permit No: \_\_\_\_\_

<b>Name of ALL Mineral Property Owners: (4)</b> <small>(Attach Separate Sheet As Necessary)</small>	<b>Lessee: (5)</b>	<b>Operator: (6)</b>
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Mailing Address for official correspondence:	Mailing Address for official correspondence:	Mailing Address for official correspondence:
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Home Phone (Winter):	Home Phone (Winter):	Home Phone (Winter):
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Work Phone (Winter):	Work Phone (Winter):	Work Phone (Winter):
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Home Phone (Summer):	Home Phone (Summer):	Home Phone (Summer):
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Work Phone (Summer):	Work Phone (Summer):	Work Phone (Summer):
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Cell/Satellite Phone:	Cell/Satellite Phone:	Cell/Satellite Phone:
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FAX:	FAX:	FAX:
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E-mail:	E-mail:	E-mail:
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Winter contact effective dates _____ to _____ Summer contact effective dates _____ to _____	Winter contact effective dates _____ to _____ Summer contact effective dates _____ to _____	Winter contact effective dates _____ to _____ Summer contact effective dates _____ to _____
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Operator's Federal EIN Number: (7)	Number of Workers: (8)	Intended Start-up/Shut Down (Month/Dav) (9) _____ to _____
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Mining District: (10)	Applicable USGS Quad Map: (11)	On What Stream Is This Activity? (12)
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**LEGAL DESCRIPTION of Mineral Properties To Be Worked (Township, Range, Section, Meridian): (13)**

Legal Description of all other project-related activities, such as camps and water access (Township, Range, Section, Meridian):

**LIST ONLY MINERAL PROPERTIES WITH CURRENT DISTURBANCE AND/OR THOSE ON WHICH PERMITTED ACTIVITIES WILL OCCUR (14)**

Attach additional sheets as necessary AND provide in electronic, tabular format if you are submitting more than 12 properties (electronic copies can be submitted via e-mail to [dnr.fbx.mining@alaska.gov](mailto:dnr.fbx.mining@alaska.gov) or provided on other media with application packet)

	ADL/BLM/USMS #	PROPERTY NAME		ADL/BLM/USMS #	PROPERTY NAME
1.			7.		
2.			8.		
3.			9.		
4.			10.		
5.			11.		
6.			12.		

**DESCRIPTION OF EQUIPMENT**

**(15)**

List equipment to be used (type, size, purpose, and number of each, including pumps).

**IN-STREAM ACTIVITIES and STREAM CROSSINGS**

**(16)**

List any equipment that will be crossing streams during mining activities.

List any equipment that will be used in the stream during mining activity.

Describe method(s) used to prevent fish entrapment.

List all streams, including unnamed streams, with the aliquot legal description of the crossing point and any suction dredge or pump locations (Attach additional sheets as necessary).

	Stream Name	NAD 83 Datum Coordinates can be obtained using Alaska Mapper <a href="http://dnr.alaska.gov/MapAK/">http://dnr.alaska.gov/MapAK/</a>		MTRSC ¼ ¼ Ex: F001S001N01 SWSW	Check boxes to indicate type(s) of activity		
		Latitude ddd.mmmm	Longitude -ddd.mmmm		Crossing	Dredging	Pump intake
1.							
2.							
3.							
4.							
5.							

**ACCESS OUTSIDE OF CLAIM BLOCK**

(17)

Access across State land may require a "Land Use Permit" from DNR-Lands. Access across Mental Health Trust Lands (MHTL) will require authorization from the MHTL Office. Access requiring equipment fording of anadromous streams will require authorization from the ADF&G, Division of Habitat. Access across federal land requires approval of the managing federal agency. Access across private property, including native corporation lands and other private property, may require authorization from the private property owner. It is the responsibility of the applicant to contact the private property land owner to assure all required permits for access are obtained.

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.

Access outside the claim block crosses what type of land(s)?  State (General)  State (Mental Health)  Federal  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 [ ].

If not, do you wish to nominate the route for RST assertion?  Yes  No.

Access is:  Existing  To Be Constructed  Both

(Explain): \_\_\_\_\_

If access is to be constructed, indicate: Type: \_\_\_\_\_ Length: \_\_\_\_\_ Feet Width: \_\_\_\_\_ Feet

Depth: \_\_\_\_\_ Feet

Easements are required from DNR-Lands to construct access on State land outside a claim block. "Construction" is the use of mechanized equipment to create or improve access, including dropping the blade or bucket, and/or adding gravel to the surface. DNR-Land in Anchorage (907) 269-8503, or Fairbanks (907) 451-2740 to determine if a ROW permit is required. **Applications may require six months to one year to process.** As built surveys may be required.

NOTE: Any access constructed across "wetlands", ponds, streams, or other waters of the U.S. including those within your claim block, may require a USACE "404" permit. It is the responsibility of the applicant to contact the USACE for a determination as to whether or not this permit is required.

**Indicate Type(s) of Access:**

All Season Road -- A road (may be an improved dirt road) intended to be used during all seasons of the year without causing long term damage to the road.

Summer Cross Country Travel -- Summer travel without a DNR permit is limited to generally allowed uses on State land (11 AAC 96.020)., but may require a ADF&G permit Summer travel beyond generally allowed uses requires a permit that is requested and permitted by DNR-Lands. A performance guarantee for cross-country travel on State lands may be required. If required, the performance guarantee must be received before a permit will be issued and will be released after travel is completed and no trail damage has occurred. For questions about generally allowed uses, contact the DNR Public Information Center (Anchorage (907) 269-8400, Fairbanks (907) 451-2705, Juneau (907) 465-3400) or view a fact sheet at [http://dnr.alaska.gov/mlw/factsht/gen\\_allow\\_use.pdf](http://dnr.alaska.gov/mlw/factsht/gen_allow_use.pdf)

Airstrip -- Indicate length: \_\_\_\_\_ Feet  River

Winter Cross Country Travel – Travel off an all season road with equipment/vehicles that are not generally allowed. Vegetative mat shall not be damaged. Authorized cross country travel dates vary depending on region and weather conditions. Please contact the appropriate area land manger for more information.

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

If Yes, estimated quantity of water will be used \_\_\_\_\_ Gal/day. Indicate crossing location in section 16.

If you are transporting equipment and/or fuel and require **winter** cross country travel authorization, please complete the following:

List all equipment and vehicles being transported:

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

Are you transporting fuel?  Yes  No If "yes ", indicate type and amount:

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

**Winter Cross Country Travel Continued:**

**(section 17 continued)**

Are you transporting other petroleum products?  Yes  No If "yes", indicate type and amount:

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How are the fuel/petroleum products contained? (i.e., drums, bladders, steel tanks, etc.) Indicate size of each container:

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

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Indicate proposed dates for each period of cross country travel (apply at least 4 weeks prior to start of travel):

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**NOTE: All cross-country travel must be specifically authorized by the appropriate land manager(s) prior to the commencement of travel. Travel may not be authorized if trail conditions indicate damage could occur.**

**MINING METHOD**

**(18)**

Indicate Size of Dredge(s) Used in Operation:

Suction Dredge # 1: Nozzle Size: \_\_\_\_\_ Inches -- Engine HP: \_\_\_\_\_ Max. water depth greater than 20 feet?  Yes  No

Suction Dredge # 2: Nozzle Size: \_\_\_\_\_ Inches -- Engine HP: \_\_\_\_\_ Max. water depth greater than 20 feet?  Yes  No

Mechanical Dredge: Bucket Size: \_\_\_\_\_ Cubic Yards Max. water depth greater than 20 feet?  Yes  No

Vessel Length(s): \_\_\_\_\_

Additional Dredges: \_\_\_\_\_

Are dredges used simultaneously?  Yes  No If YES, describe:

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Operation on sea ice?  Yes  No If YES, provide maximum water depth (ft.), as measured from upper ice surface to sea floor: \_\_\_\_\_

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ESTIMATED: Total Sluice Days This Season: \_\_\_\_\_ Total Acreage Disturbed This Season: \_\_\_\_\_

Total Cubic Yards of Material To Be Processed: Hourly: \_\_\_\_\_ Daily: \_\_\_\_\_ Annually: \_\_\_\_\_

Wastewater Discharge Volume: : \_\_\_\_\_ Gallons Per Minute

**STRUCTURES / FACILITIES**

**(19)**

(Placement and use of any surface structure must be requested in writing and approved in advance)  
(Include location, claim name and number, on sketch sheet and topographic map)  
(An active APMA must be maintained for structures to remain authorized. (AS 38.05.255(a)).

Camp authorization not required

If camp is on private land, provide camp contact and location information below.

Camp name: \_\_\_\_\_

Camp location: \_\_\_\_\_

Camp contact phone: \_\_\_\_\_

Request use of existing facilities **(Indicate number and size of each):**

Area of Camp: Length \_\_\_\_\_ Feet      Width \_\_\_\_\_ Feet

Frame \_\_\_\_\_  Trailer \_\_\_\_\_  Tent/Tent Frame \_\_\_\_\_

Request authorization to place temporary structures **(Indicate number and size of each):**

Area of Camp: Length \_\_\_\_\_ Feet      Width \_\_\_\_\_ Feet

Frame \_\_\_\_\_  Trailer \_\_\_\_\_  Tent/Tent Frame \_\_\_\_\_

In consideration of potentially significant historic properties/cultural resources, please do not remove or disturb any buildings, structures, objects, or artifacts that were located on the site prior to conducting permitted activities – If you have questions please contact Mark Rollins of State Historic Preservation Office at (907) 269-8722 or [mark.rollins@alaska.gov](mailto:mark.rollins@alaska.gov)

**FUEL**

**(20)**

Total Volume of Fuel Stored in 55 Gallon or Larger Containers: \_\_\_\_\_ Gallons

Projects with cumulative fuel volume on site larger than 1320 gallons must meet Environmental Protection Agency (EPA) Spill Prevention Control and Countermeasures (SPCC) regulations 40 CFR 112. Fuel volumes larger than 10,000 gallons must have a SPCC plan certified by a professional engineer. For additional information on approvable SPCC plans see <http://www.epa.gov/osweroc1/content/spcc/> or contact Matthew Carr of EPA at (907) 271-3616 or [Carr.Matthew@epa.gov](mailto:Carr.Matthew@epa.gov).

For operations on BLM Managed lands: Even when an EPA SPCC is not required a BLM spill contingency plan, consistent with the quantity and location of the fuel used on site is required. BLM contingency plan requirements are available at <http://www.blm.gov/ak/st/en/prog/minerals.html>

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

Are Fuel Containment Berms Around Storage Containers?  Yes  No      Is Berm Area Lined?  Yes  No



Suction Dredge APMA Permit Reference Table						
Area	Limitations			Agency	What's regulated	Permit
	Nozzle Size (in.)	Horse Power (hp)	Water Depth (feet)			
Statewide (Norton Sound-West Recreation Area)	6 or less	18 or less (23 or less in West Rec Area)	20 or less*	DNR	Area Use	MLUP (Norton Sound)
				DEC	Water Quality	Small Suction Dredge GP
				USACE	Effects on Navigation	RGP 2007-732-M1 rules apply, but written permit not needed
Norton Sound - East Recreation Area	> 6 to 8	46 or less	20 or less*	DNR	Area Use	MLUP
				DEC	Water Quality	Med.Suction Dredge GP
				USACE	Effects on Navigation	RGP 2007-732-M1
Statewide Non-Recreation Areas	> 6 to 10**	No Limit	20 or less*	DNR	Area Use	MLUP
				DEC	Water Quality	Med.Suction Dredge GP
				USACE	Effects on Navigation	RGP 2007-732-M1

\* Dredges operating in water depths greater than 20 feet must submit form ENG 4345 directly to USACE for RGP or IP.  
\*\*Mechanical operations and dredges with nozzles greater than 10 inches must submit additional Individual Permit applications to DEC

**NOTICE OF INTENT (NOI) FOR THE ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM (APDES) GENERAL PERMIT**

(21)

All suction dredge operations require an APDES wastewater discharge permit. Operations with intake nozzles of less than or equal to 10" diameter qualify for an APDES general permit. Operations with intake nozzles of greater than 10" diameter or mechanical dredges (e.g., excavators, clamshells) may be required to submit a separate application or additional information to DEC. Contact Nick Dallman at (907) 451-2142 or [nicholas.dallman@alaska.gov](mailto:nicholas.dallman@alaska.gov) for more information.

**Do you want this APMA to act as an application (NOI) for the APDES general permit?**  Yes  No

**Name of waterbody into which the discharge flows:** \_\_\_\_\_

Certification (Required for all DEC applicants):

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

**Signature of Responsible Party:** \_\_\_\_\_

**Responsible Party Name (First Last, Position) - Printed:** \_\_\_\_\_

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

**WATER USE AUTHORIZATIONS**

**(22)**

Water usage (including water used in a 100% recycle system) may require authorization by either a Temporary Water Use Permit or a Water Rights Permit or Certificate. Information provided in the Make-Up Water Supply and Recycle/Settling Pond System sections of this application will be used to determine the quantity of water that you can be authorized to use for your mining operation.

Do you currently have a Temporary Water Use Authorization, Water Rights Permit or Certificate?  Yes  No  
If yes, please indicate TWUP/ADL/LAS number in section 3 of this application.

If no, please contact a Division of Mining, Land & Water, Water Resource Section in Fairbanks @ (907) 451-2790

**Total quantity of water required for placer operation** \_\_\_\_\_ gallons per day (gpd)

Total number of pumps used in operation \_\_\_\_\_

Maximum Pump Rate for any pumps operated within a stream or lake \_\_\_\_\_ gallons per minute (gpm)

Screened Intake Structure Type:  Screened Box  Screened Cylinder

Screened Intake Dimensions:

(length / width / height if screened box OR length / diameter if cylinder): \_\_\_\_\_

Screened Intake outer Mesh Size: \_\_\_\_\_

**Water required for camp use**  Yes  No

Quantity of water required for camp use \_\_\_\_\_ gpd.

Camp water source:  Well  Haul  Stream  Spring  Lake

Name of water source (if applicable): \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD 83 Datum

Or Meridian: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_

Camp pump intake diameter \_\_\_\_\_ Camp pump rate \_\_\_\_\_ gpm

Maximum Pump Rate for any pumps operated within a stream or lake \_\_\_\_\_ gpm

Screened Intake Structure Type:  Screened Box  Screened Cylinder

Screened Intake Dimensions:

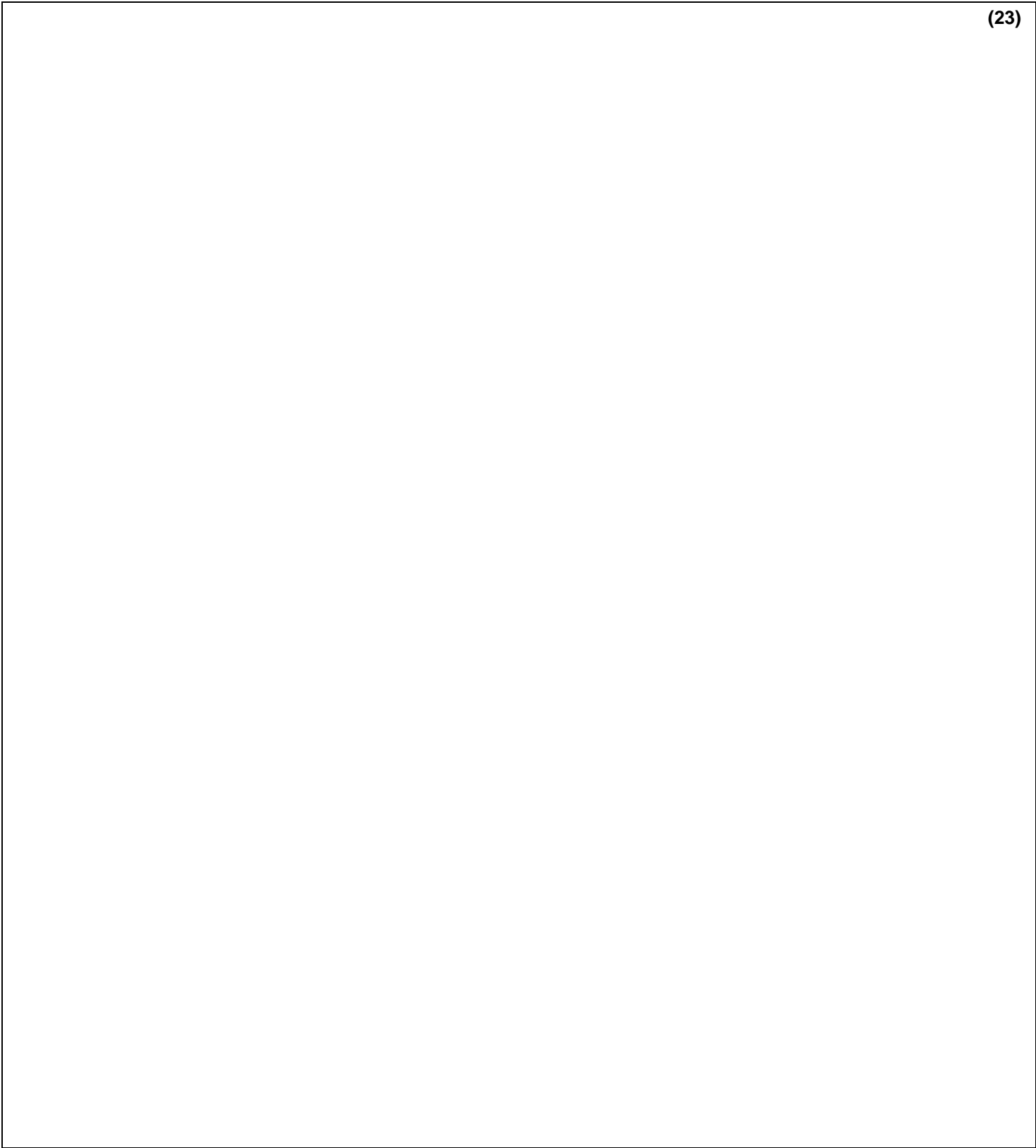
(length / width / height if screened box OR length / diameter if cylinder): \_\_\_\_\_

Screened Intake outer Mesh Size: \_\_\_\_\_

**Note:** A common method used for pumping rates of 30 gallons per minute or lower is to cut/drill 0.25 inch (1/4 inch) holes in the side of a 5-gallon bucket, weight it with rocks in the bottom, and secure the intake in the bucket. ADF&G will provide additional specifications depending on your specific withdrawal location. For higher pump rates consult the ADF&G webpage <http://www.adfg.alaska.gov/index.cfm?adfg=uselicense.withdrawal> and Technical Report No. 97-8 ([http://www.adfg.alaska.gov/static/license/uselicense/pdfs/97\\_08.pdf](http://www.adfg.alaska.gov/static/license/uselicense/pdfs/97_08.pdf)) or contact your local ADF&G Division of Habitat office.

**PLAN MAP OF OPERATION**

**(23)**



(Attach Additional Sheets, Along With Detailed Explanations As Necessary)

**PLEASE REVIEW THE SKETCH SHEET CHECKLIST TO ENSURE THAT ALL REQUIRED ITEMS ARE INCLUDED  
INCOMPLETE SKETCH SHEETS WILL CAUSE THE ENTIRE APPLICATION TO BE RETURNED**

**2012 ANNUAL RECLAMATION STATEMENT**

**(24)**

for  
**SUCTION DREDGE OPERATIONS**

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

Complete and return this statement by December 31, 2012. If you did not operate, fill in name, check bottom box, sign and return form.

In accordance with AS 27.19 (Reclamation Act):

I, \_\_\_\_\_ hereby file an annual reclamation statement for the 2012 mining operation described in subject Annual Placer Mining Application. **(Submission of this statement does not constitute reclamation approval.)**

Volume of material disturbed in 2012: \_\_\_\_\_ cubic yards (includes strippings and processed material).

Total acreage disturbed in 2012: \_\_\_\_\_ 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.

Stream diversion:  Temporary  Permanent (check one).

Total area reclaimed in 2012: \_\_\_\_\_ acres.

Total unreclaimed acres: \_\_\_\_\_. (This should match "total acreage currently disturbed" on the Reclamation/Signature page of your 2013 APMA)

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

Leveled and contoured gravel bar and riverbed tailing piles.

Camp removed, cleaned up and left free of debris

My suction dredging operations did not generate tailing piles that needed to be reclaimed.

Other reclamation measures taken:

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

I did not operate in 2012 and therefore did not conduct reclamation.

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

Note: Submittal of this form meets the Army Corps of Engineers requirement for an annual report

## SUCTION DREDGE

### RECLAMATION PLAN

(25)

Check One:     RECLAMATION PLAN  
 (Mined Area 5 Acres Or Greater or BLM Notices)

LETTER OF INTENT TO DO RECLAMATION  
 (Mined Area Less Than 5 Acres)

In accordance with Alaska Statute 27.19, reclamation is required of all mining operations. Reclamation bonding is required of mining operations with a mined area (all portions of a mining operation excluding camp and roads on State or private land) 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 "Letter of Intent To Do Reclamation" for operations under 5 acres. **If you do not intend to use the reclamation methods presented below, please provide additional information concerning your plans for reclamation under separate attachments.**

BLM requires that the reclamation plan be consistent with §43 CFR 3809.420, Performance Standards for the Surface Management regulations.  
**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 required for a reclamation plan.**

Total acreage currently disturbed: \_\_\_\_\_ acres. This should match: "Total Unreclaimed Acres" on your 2012 Annual Reclamation Statement for Small Mines, or line #7 on your 2013 Bond Pool Renewal Form. (Disturbed ground includes stripped areas; mining cuts; overburden and tailing stockpiles and disposal areas; stream by-passes; settling ponds and any other areas disturbed since October 1991 (State mining claims or Private lands) or 1981 (Federal mining claims); and are currently unreclaimed. Federal operators include area of camp and roads.

New acres to be disturbed in 2013 \_\_\_\_\_ acres. Total acreage (currently disturbed plus new acres): \_\_\_\_\_ acres.

Of this acreage: \_\_\_\_\_ acres are State land (general)    \_\_\_\_\_ acres are State land (Mental Health)  
 \_\_\_\_\_ acres are Private land.    \_\_\_\_\_ acres are Federal land

Total acreage to be reclaimed in 2013: \_\_\_\_\_ acres; and:

Reclamation will be conducted concurrently with mining.     Reclamation will be conducted at the end of the mining season.

Total volume of material to be disturbed in 2013: \_\_\_\_\_ cubic yards. (Including strippings and overburden to be removed. (1 acre of disturbance is equal to 4,840 square yards).

**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.)

**1. Stream Suction Dredge Operations:**

- a. Reclamation shall be completed prior to the end of the mining season. Reclamation shall consist of leveling or contouring all gravel bar and stream bed tailings. Tailings shall be left in such a manner that spring run off will level the tailings without causing undue erosion. In no case will tailing piles extend more than 18 inches above the water surface at the end of the mining season.
- b. Prior to the end of the mining season, tailing piles, berms, or wing dams will be removed or left in such a manner to allow unrestricted passage of fish and flood waters.
- c. All buildings and structures constructed, used or improved, on State land, will be removed, dismantled, or otherwise properly disposed of at the completion of mining. The campsite will be cleaned up and left free of debris.
- d. Other: \_\_\_\_\_

**2. Offshore Suction Dredge Operations:**

- a. Tailings discharged from the dredge to the sea floor shall be placed in a manner that will approximate the adjacent sea floor surface. The dredge shall be moved as necessary to allow for the proper low profile distribution of tailings. Tailings shall be placed in a manner that will maintain a water depth suitable for safe passage of sea traffic. Blockage of the dredge area to navigation is prohibited.
- b. All buildings and structures constructed, used or improved, on State land, will be removed, dismantled, or otherwise properly disposed of at the completion of mining. The campsite will be cleaned up and left free of debris.
- c. Other: \_\_\_\_\_

**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 mining operation. Reclamation measures must comply with Alaska Statute 27.19.
- 2. Federal land managers may require reclamation measures different to those identified above.

**BONDING**

In accordance with Alaska Statute 27.19, bonding is required for all mining operations having a mined area of five acres or greater 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 required reclamation for less than that amount. A Statewide bonding pool has been established and may be joined by completing the bond pool application form. Federal land managers may have additional bonding requirements. Use bond form to calculate area of disturbance for bonding.

_____ Printed name (Applicant)	Relationship to Claim(s) <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Operator <input type="checkbox"/> Agent	Date:
_____ Signature (Applicant)		

\*\*\* EXAMPLE \*\*\*

## MINE PLAN NARRATIVE

### MINING:

The mining operation is designed to economically recover gold and complete acceptable reclamation. The mine layout is directly related to reclamation. Mining will progress in the following steps -- see sketch:

- 1) We will be operating a suction dredge with an 8" nozzle and a 36 hp motor. The maximum depth will not exceed 10 feet. Material will be washed and processed in 2'X 4' sluice box and deposited back on the water body floor.
- 2) Operations are beginning early June or as soon as the ice gone and will continue throughout the mining season.
- 3) Access to mine site is via all season road. We will launch our 16' boat from public boat launch and travel upstream to mining claims. Camping structures will consist of a removable wall tent.

### RECLAMATION:

Reclamation will progress in the following steps:

- 1) Reclamation will be concurrent with mining. All dredge tailings will be returned to approximately the same location from which they were dredged. Reclamation shall consist of leveling or contouring any tailing piles, contouring gravel bar and stream bed tailings in a manner that will approximate the adjacent bottom surface. .

\*\*\* EXAMPLE \*\*\*

# INSTRUCTIONS FOR COMPLETING PLAN MAP AND DESCRIPTION OF OPERATION

## SUBMIT ONLY SCALE DRAWINGS.

This checklist is provided to assist you in the completion of your plan map. Sketch your complete mining and reclamation plans in detail; and include written descriptions of your planned operation, as necessary, including reclamation plans, to provide reviewing agencies an understanding of your proposed sequence of mining activities for the mining season. BLM Operations include Supplements A – Performance Standards Checklist, B – Water Management Plan, C – Placer Reclamation Plan, and D – Seasonal or Temporary Closure Plan.

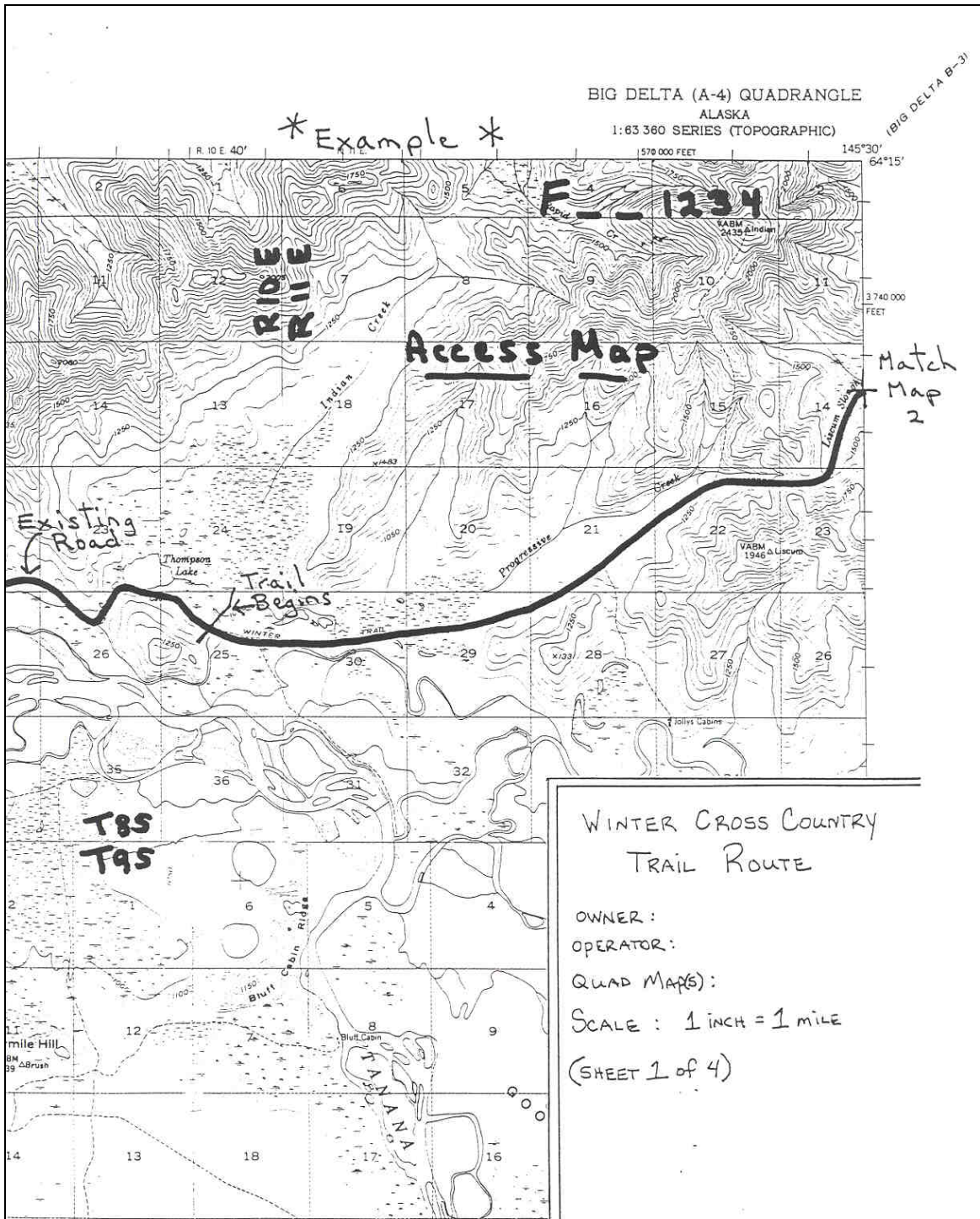
### SKETCH CHECKLIST

INCLUDE EACH OF THE FOLLOWING ITEMS IN YOUR SKETCH -- IF AN ITEM DOES NOT APPLY, INDICATE BY "N/A"

- [ ] **CLAIM LOCATIONS** -- indicate claim name, ADL/BLM number, boundary lines and corner posts.
- [ ] **DREDGE LOCATIONS** -- indicate location of areas you are planning to dredge.
- [ ] **STREAM** -- indicate location, name of drainage, direction of flow, and width of original channel.
- [ ] **AREAS TO BE RECLAIMED** -- indicate location and dimensions (lengths and widths).
- [ ] **PREVIOUSLY RECLAIMED AREAS** -- indicate locations.
- [ ] **FUEL STORAGE AREA** -- indicate location with respect to stream and active mining area -- include distance from flowing waters.
- [ ] **CAMP FACILITIES or STRUCTURES** -- indicate location and describe size, type, and purpose of each structure (Federal operators should indicate the approximate length and width of the camp area).
- [ ] **CAMP WATER** – indicate location of pump, line, or headgate and ditch. Describe method used to prevent fish entrapment.
- [ ] **SANITARY AND SOLID WASTE** -- indicate location and method of disposal (i.e., outhouse; trash collection; etc.).
- [ ] **NORTH ARROW** -- indicate the direction of north with respect to your operation.
- [ ] **SCALE BAR** – include a scale bar on the drawing.
- [ ] **SIZE OF VALLEY** -- indicate, with dotted lines, the approximate width of the valley floor.
- [ ] **ACCESS** -- indicate type and location of existing access to the claims and specifically to the exploration area (Federal operators should include length and width of access); indicate type and location of proposed construction of new access including length, width and distribution of fill if fill would be placed in wetlands, ponds, streams, or other waters of the U.S. List all named and unnamed streams crossed during cross country travel.

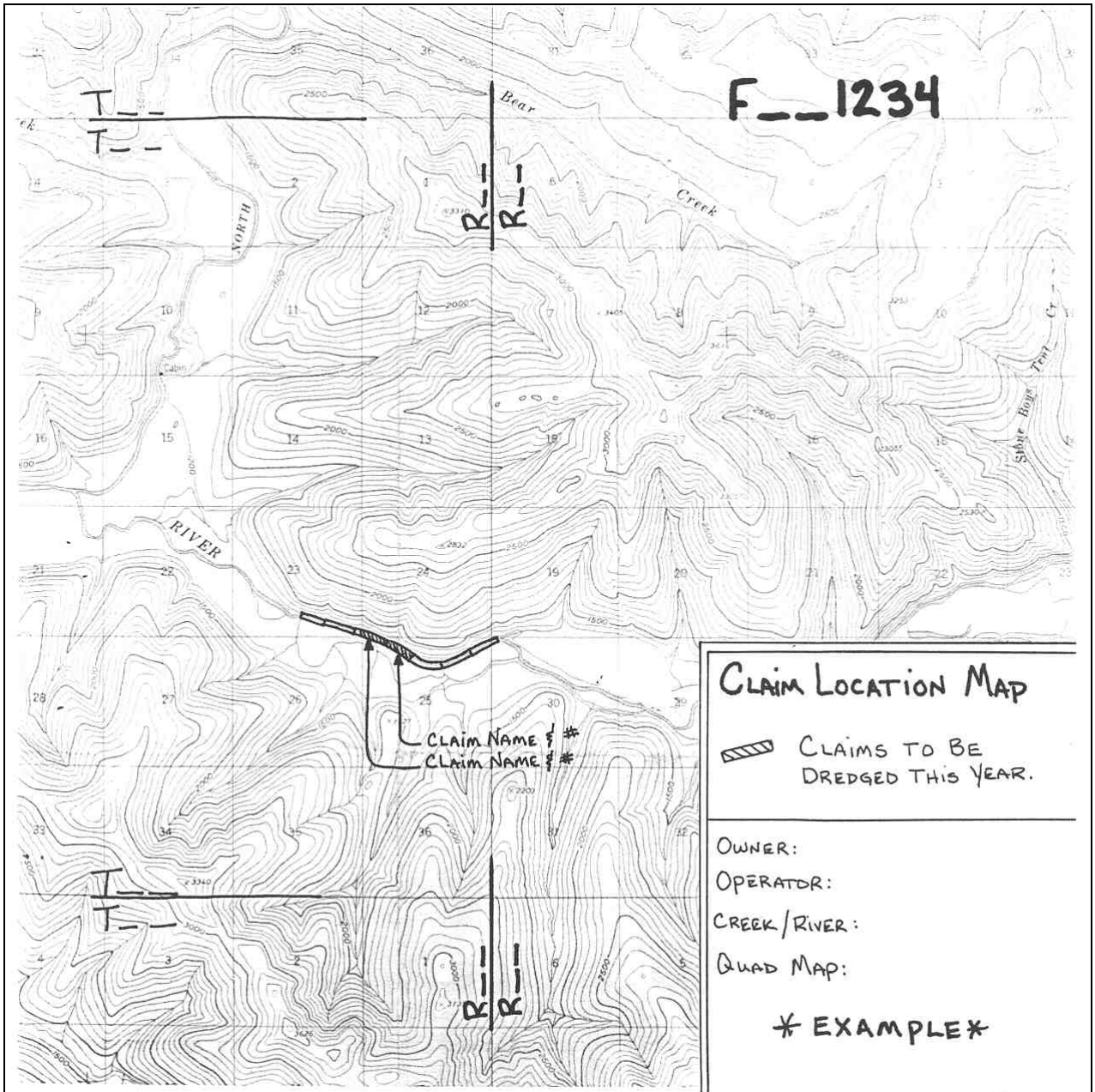
Please make one final review of the plan map checklist to make certain that you included everything.

**INCOMPLETE PLAN MAPS WILL CAUSE THE ENTIRE APMA TO BE RETURNED**



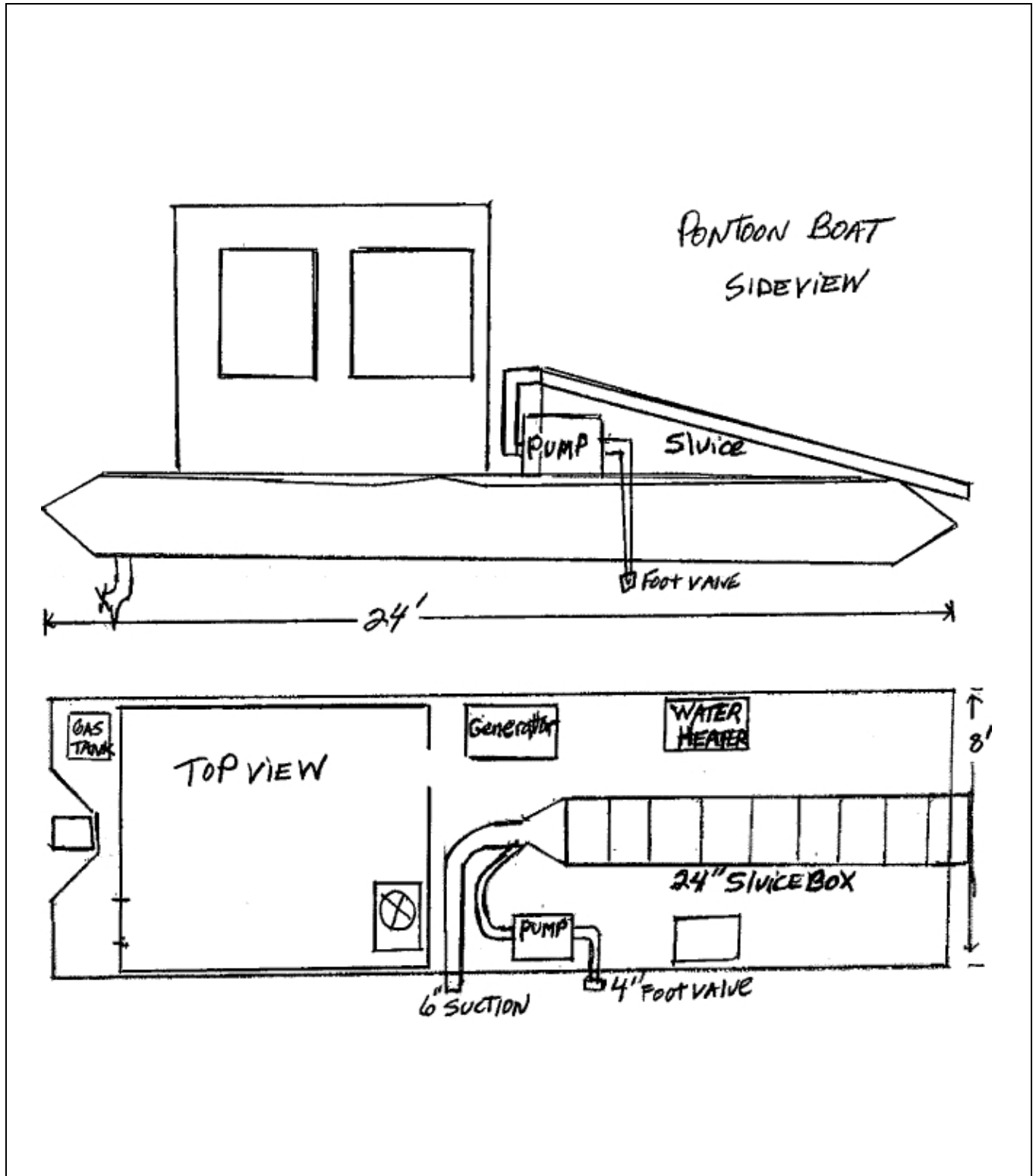
**Example of Access Map**





Example of Claim Location Map

Example of Plan of Operations Sketch Sheet



(Attach Additional Sheets, Along With Detailed Explanations As Necessary)  
PLEASE REVIEW THE SKETCH SHEET CHECKLIST TO ENSURE THAT ALL REQUIRED ITEMS ARE INCLUDED  
**INCOMPLETE SKETCH SHEETS WILL CAUSE THE ENTIRE APMA TO BE RETURNED**