



2-27-2015

SAExploration
8240 Sandelwood Place suite 102
Anchorage, Alaska 99507

Department of Natural Resources
Division of Mining, Land and Water
Sean Willison
3700 Airport Way
Fairbanks, AK 99709

Re: SAExploration land use permit application

Dear Mr. Willison

SAExploration (SAE) respectfully submits the attached land use permit application to use the pre-existing gravel pad located just off the Dalton HWY called the Franklin Bluffs Pad. The area we are in need of is the 8 acers call, Summer Storage Area. SAE would like to use this area for storage of our winter sleigh camps and seismic equipment. In support of this application the following items are provided in support of this request:

- Land use Application
- Check for the application fee of \$100.00
- SPCC plan
- Waste Management Plan

If you have any questions concerning this application package please do not hesitate to contact me at 907-522-4499 or my cell at 907-331-8140.

A handwritten signature in cursive script, reading "Suzan Simonds".

Suzan Simonds
Permit and Regulatory Manager
SAExploration
907-522-4499
Saexploration.com

**STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER**

LAND USE PERMIT APPLICATION

AS 38.05.850

Applicants must complete all sections of this application. In addition, applicants proposing:

- the use of the uplands and non marine waters must also complete the Supplemental Questionnaire for Use of Uplands and Non Marine Waters accompanying this application;
- off-road travel must also complete the Supplemental Questionnaire for Off-Road Travel accompanying this application; and/or
- the use of tide and submerged lands must also complete the Supplemental Questionnaire for Use of Marine Waters accompanying this application.

Other items that must accompany the completed application are:

- a **(non-refundable) \$100 application filing fee;**
- a 1:250,000 or 1:63,360 scale USGS map showing the location of the proposed activity;
- additional items identified and required in any supplemental questionnaire(s) to this application;
- an Alaska Coastal Management Questionnaire if the proposed use is within the Coastal Zone; and
- additional pages if more space is necessary to answer the questions completely.

Completed Land Use Permit Applications should be mailed to one of the following offices:

Public Information Center
550 W. 7th Ave, Suite 1260
Anchorage, AK 99501
(907) 269-8400

Public Information Center
3700 Airport Way
Fairbanks, AK 99709
(907) 451-2705

MLW Information Office
P.O. Box 111020
Juneau, AK 99811-1020
(907) 465-3400

LAS # 30135

Applicant Information:

SAExploration

Applicant Name

Date of Birth

SAExploration, Inc.

Rick Trupp

Doing Business As

Contact Person

EIN

8240 Sandlewood Pl., Ste. 102 Anchorage, AK 99507

rtrupp@saexploration.com

Mailing Address with City, State and Zip

Email Address

()

(907) 522-4499

(907) 331-8140

(907) 522-4498

Home Phone

Work Phone

Cell Phone

FAX

If you are applying for a corporation, give the following information:

Name, address and place of incorporation: SAExploration, Inc., a company formed under the laws of the state of Delaware
and having an office at 8240 Sandlewood Place, Suite 102, Anchorage, Alaska 99507

Is the corporation qualified to do business in Alaska? Yes ☒ No ☐. If yes, provide name, address and phone number of resident agent: Rick Trupp, General Manager; 8240 Sandlewood Pl., Ste. 102 Anchorage, AK 99507; (907)522-4499

Type of User, Select one: ☐ Private non-commercial (personal use)

☐ Commercial Recreation or Tourism

☐ Public Non-profit including Federal, State, Municipal Government Agency

☒ Other commercial or industrial

Duration of Project: The proposed activity will require the use of state land for: (Check one)

☐ a single term of less than one year. Beginning month: _____ Ending month: _____

☒ a multi year term for up to 5 years. Beginning year: 2015 Ending year: 2019

If multi year and seasonal, circle months of use in each year. Jan., Feb., Mar., Apr., May, Jun., Jul., Aug., Sept., Oct., Nov., Dec.

Project Location

Latitude/Longitude or UTM: N69 degree 43.34' W148 degree 41.04' or

Section: _____, Township: _____, Range: _____, Meridian: _____
(The spaces below are to be used if the boundaries of the proposed project cross section lines.)

Section: _____, Township: _____, Range: _____, Meridian: _____

Section: _____, Township: _____, Range: _____, Meridian: _____

Proposed project will require the use of up to 8 acres. (Add additional sheets as necessary)

Project Description - Describe in detail your intended use of state land. (State land also includes all tide and submerged lands beneath coastal waters and all shorelands beneath other navigable water bodies of the state.) Discuss development and activities. (Attach additional pages as necessary.)

SAExploration requests permission for use of the Franklin Bluffs Pad to place various vehicles and modular camp units, on skis and tracks, for storage during the offseason. SAExploration does not request any off-road travel activity, non-marine waters or use of any marine waters under this application.

Should a portion of the permitted area be closed to the general public? **Yes** ☒ **No** ☐. If yes, explain which portion and provide justification for exclusive use:

SAExploration requests that the 'Summer Storage Area' be closed to the general public.

SAExploration requests to place its camp and equipment on the DNR-managed Franklin Bluffs gravel pad.

SAExploration would utilize the pad labeled 'Summer Storage Area' in the attached diagram. This area is already gated.

The justification for exclusive use is based on the need to keep camp and various vehicles secured, controlled, and maintained while they are stored, and to ensure the safety of everyone.

Site Description - Briefly describe the current condition of the proposed site of use, noting any trash, garbage, debris or signs of possible site contamination (If significant, we recommend you provide pictures to establish initial conditions):

The proposed site is currently also occupied by another company. The gravel pad at the 'Summer Storage Area', shown in the attached diagram is covered by snow. SAExploration can provide a more comprehensive description of the proposed site and pictures establishing its current condition upon receiving approval of this permit application to occupy the 'Summer Storage Area' of the Franklin Bluffs Pad.

Are there improvements or materials on the site now? **Yes** ☐ **No** ☐ If yes, briefly describe the improvements, their approximate value, and who owns them (We recommend you provide pictures of improvements):

SAExploration has no knowledge of any improvements or materials on the proposed site at this time. After SAExploration receives approval for occupancy of the proposed site, SAExploration would be able to provide additional information or photos of any possible improvements or materials that may be on site.

Site Description continued - Describe the natural vegetation --- ground cover, trees, shrubs --- and any proposed changes. Describe the location of any estuarine, riparian, or wetlands and any noticeable animal use of area.

The Franklin Bluffs pad is located along the east side of the Dalton Highway. Franklin Lake is adjacent to the 'Summer Storage Area' proposed for use by SAEExploration. The Sag River runs to the east of the location of the pad. SAEExploration does not propose to make any changes to the site. The proposed site is a gravel pad, and would not be anticipated to include natural vegetation, ground cover, trees, or shrubs in the area of the proposed site of use, shown as the 'Summer Storage Area' in the attached diagram.

Site Access - Describe how you plan to access the site, and your mode of transportation.

SAExploration plans to access the site using the Dalton Highway and the existing gravel access roads. Any personnel, equipment, and materials will be transported by trucks to or from the site via the existing road systems. There is no plan to access the site using aircraft.

If your access is by aircraft, specify the type and size of aircraft: _____

To access the site, the aircraft is equipped with floats ☐ wheels ☐ skis ☐.

Number of people

1. Indicate the number of employees and supervisors who will be working on the site. Up to 25 for performing maintenance; Up to 50 for mobilization
2. Indicate the number of customers who will be using the site per year or season. 0
3. Indicate the number of days the site will be used per year or season. Planned use is from April 15 to January 1, but it is possible camp and equipment will be on site for 365 days of a year.

Environmental Risk / Hazardous Substances - In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come in contact with toxic and/or hazardous materials, and/or hydrocarbons? Yes ☐ No ☒. If yes, please describe:

SAExploration does not propose any activity that will generate, use, store, transport, dispose of, or otherwise come in contact with hazardous materials on the site. If any hazardous materials are on the site, they will be handled in accordance with SAEExploration's waste management plan. A copy of the waste management plan is attached with this application.

The types and volumes of fuel or other hazardous substances present or proposed: _____

SAExploration does not propose significant fuel storage on the site. There is the potential that fuel may be remaining in some of the vehicles or camp modules planned for storage. The fuel left in tanks will be diesel fuel

The specific storage location(s): Any fuel would be located in the tanks within vehicles or within camp units.

SAExploration does not plan to have any large, standalone fuel tanks on site, and any fuel would be stored in the camp equipment or vehicle unit fuel tanks.

The spill plan and prevention methods: Any hazardous materials will be handled in accordance with the attached waste management plan. SAEExploration has also attached a copy of our SPCC plan with this application. A list of SAEExploration camp equipment and vehicles is in the attached SPCC plan. Specific information on any fuel storage would be included with the list of equipment and vehicles in the attached SPCC plan.

Environmental Risk/Hazardous Substances (continued) - If you plan to use either above or below ground storage containers (like tanks, drums, or other containers) for hazardous material storage, answer the following questions for each container:

Where will the container be located? SA Exploration does not plan to use either above or below ground storage containers for hazardous material storage.

What will be stored in the container? NIA

What will be the container's size in gallons? NIA

Give a description of any secondary containment structure, including volume in gallons, the type of lining material, and configuration:

Will the container be tested for leaks? Yes ☐ No ☒

Will the container be equipped with leak detection devices? Yes ☐ No ☐. If no, describe: NIA

Do you have any reason to suspect, or do you know if the site may have been previously contaminated? Yes ☐ No ☒. If yes, please explain:

Date Stamp: 2-27-15

[Signature] General Manager.
Signature of Applicant or Authorized Representative Title

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made part of the state public record and becomes public information under AS 09.25.110 and 09.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested.) Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit is punishable under AS 11.56.210.

Land Use Permit Application Supplemental Questionnaire for:
Off Road Travel

Answer the following questions if your proposed activity includes off-road travel.

Terrain Factor. Circle the following terrain type(s) that best describes your route of travel:

N/A

- Wetlands
- Open, non-tundra or wetland areas.
- Rivers or other water bodies.
- Wooded areas with trees of 6" or greater diameter (at breast height).
- Tundra areas.

Vehicles and Weight. List the number and kinds of vehicles to be used for motorized travel, the weight of each vehicle and the weight of each trailer or sled (including loaded weight) to be carried by that vehicle:

N/A

Mileage.

- State the average total miles traveled in one round trip: N/A
- State the number of trips proposed: N/A

Season Factor. Proposed date(s) of travel will be: From: N/A To: _____

Stream and Water Body Crossings. - Note who you contacted in the DNR, Office of Habitat Management and Permitting:

Date: _____ Person: _____

Fuel and Hazardous Substance Factor. 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: _____ gallons.

- Hazardous substances other than fuel:

Substance N/A

Substance N/A

- 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 ☐

**Land Use Permit Application Supplemental Questionnaire for:
Use of Uplands and Non Marine Waters**

To be completed to provide more detailed information about projects or activities requiring the use of state owned uplands and non marine waters. All site development details identified in this section must be represented graphically in the scaled drawings on Page 4 of the supplement.

Temporary Structures – 1) Describe all temporary improvements (including buildings, tent platforms, out-buildings, docks, floats, and floating facilities), including their dimensions and building materials. 2) Label improvements to be maintained on a year round basis as year round. **Note:** Seasonal improvements must be completely dismantled and removed or stored on or before the end of authorized terms of use.

N/A SEE EQ LIST

Distance structures including pit privies will be located from the ordinary highwater mark of the nearest freshwater body (lake, stream, river, etc), or the mean high water mark of a saltwater body: _____

Harvest of Non-Timber Related Forest Products – Please list the type and quantity of each non-timber related forest product (berries, ferns, willow, mushrooms, birch bark, etc.) to be harvested for commercial use:

N/A

Contact the DNR Division of Forestry to obtain authorizations for the harvest of small trees.

Motorized Equipment - List mechanized/motorized equipment to be used, including type, size, purpose, and number of each.

SEE EQ LIST: ALSO 2 Helicopters

For stream and water body crossings, note who you contacted in the DNR, Office of Habitat Management and Permitting:

Date: _____ Person: _____ N/A

Storage and Parking - If you plan to store items or park boats, vehicles and/or heavy equipment on the site, describe complete the following:

Describe and give dimensions of long term and short term parking and or storage areas. 5 ACER'S
Flat gravel Pad.

Is parking or storage planned to take place on filled tidelands. Yes | ~~No~~ only on gravel Pad.

Does storage involve structures or materials floating in a waterbody? Yes | ~~No~~ If yes, describe. _____

Storage and Parking (continued)

Number of disassembled tent frames _____

Number of tent platforms _____

List and describe items that are large and difficult to transport. Include dimensions:

There will be approximately eight strings of camp trailers. SEE EQLIST

Will barrel(s) or an equivalent type of storage container be used? Yes ☒ No ☐ If using something other than barrels for storage containers, describe the alternative container.

Will have double loaded fuel tankers; camp genset (irrigation) that feed the camp trailers.

Describe any measures you plan to take to minimize drips or spills from leaking vehicles or equipment.

Tanks are inspected daily / Drips Pads will be used on all equipment / 2 person fueling procedure.

Water / Wastewater

Water Supply – Describe the water supply and proposed use. May withdraw water from River & Run through camp system OR have potable water delivered by NANA.

Wastewater – Describe the wastewater type and quantity and proposed method of wastewater disposal: (for the marine environment, also describe the proposed gray and black water systems or out fall pipeline.

greywater will be backhauled to Deadhorse

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; indicate distance from the nearest waterbody.

Camp uses Pacto System for waste. Bags are collected & incinerated on site with EPA approved equipment.

Animal Use

Will there be any use of animals (horses, llamas, dogs, etc.)? Yes ☐ No ☒

Will there be commercial use of the animals (horseback rides, packing, dog sled rides, etc.)? Yes ☐ No ☒ If yes, please explain:

Dismantle, Removal, Restoration Plan – Provide a plan for dismantling and removing temporary structures. Include method and timeline for total site restoration:

ALL Equipment will be Removed Via Road System.

SHORT TERM (PORTABLE) COMMERCIAL RECREATION CAMPS: Identify commercial recreation activity/activities for which short term (portable) camps will be established to accommodate employees and clients, and provide a general description of the location(s) (e.g. guide use area, game management sub-unit, river, stream, lake, etc.) where the recreational activity/activities and short term (portable) camp use will occur.

___ Big Game Guiding: (List up to 3 Guide Use Areas.) N/A

___ Sportfishing (List river corridors, lakes, etc.) _____

___ Boating/Rafting/Kayaking: (List river corridors, lakes, etc.) _____

___ Other Recreation: (Type and general geographic description.) _____

- Is all or a portion of any of the above identified areas located within the Bering Straits CRSA? Yes _____ No _____

- Identify any State of Alaska Refuge, Sanctuary and/or Critical Habitat Area where short term (portable) camps will be used.

Will activities include "day use" of state land managed under the Haines State Forest Management Plan? Yes _____ No _____

NORTH

DALTON HIGHWAY

Summer
Storage
Area

Gate

FRANKLIN LAKE

AIRSTRIP

600' x 900'

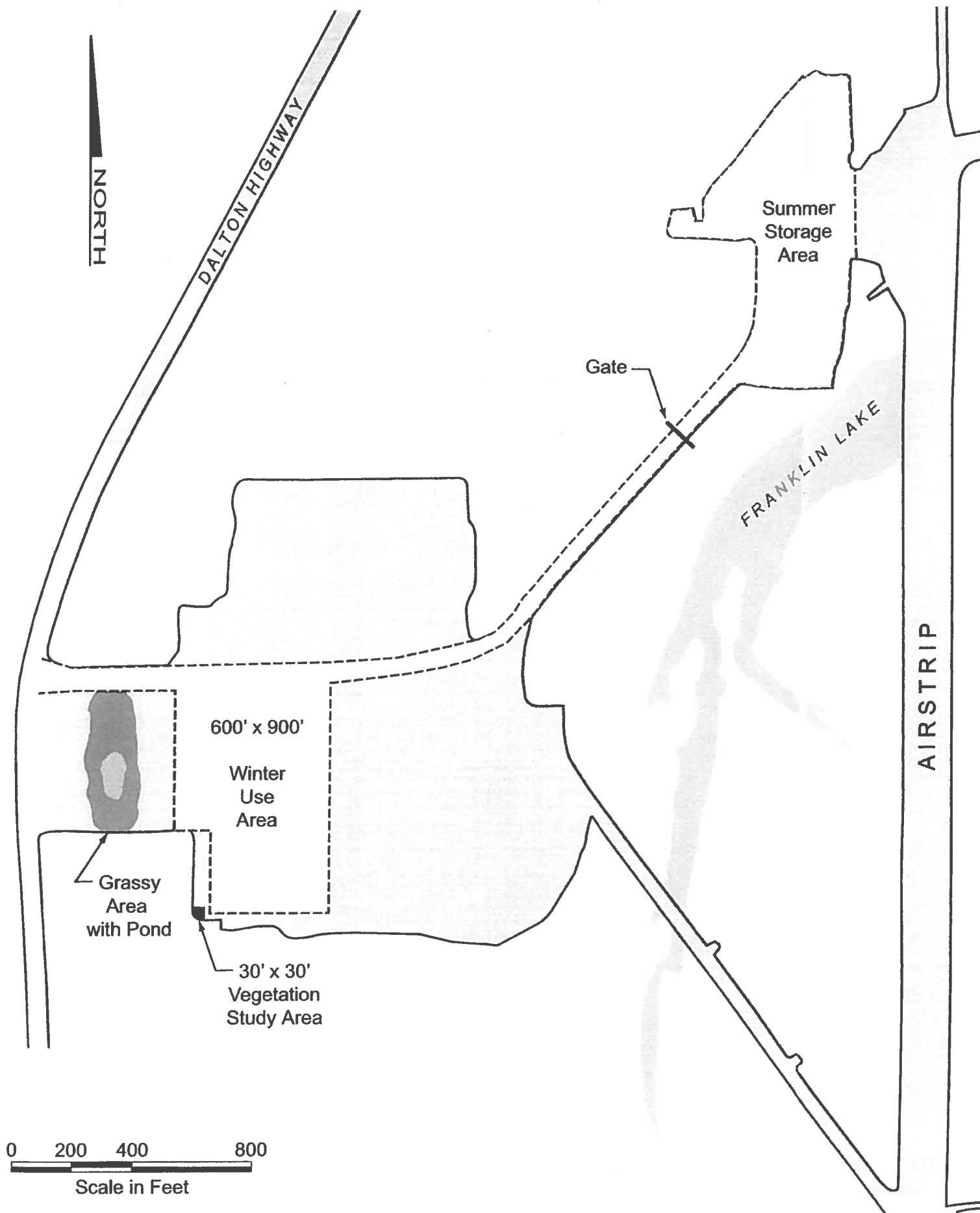
Winter
Use
Area

Grassy
Area
with Pond

30' x 30'
Vegetation
Study Area

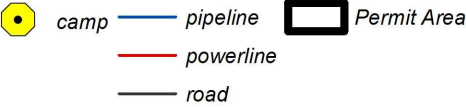
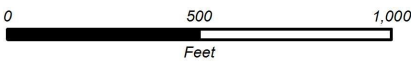
0 200 400 800

Scale in Feet



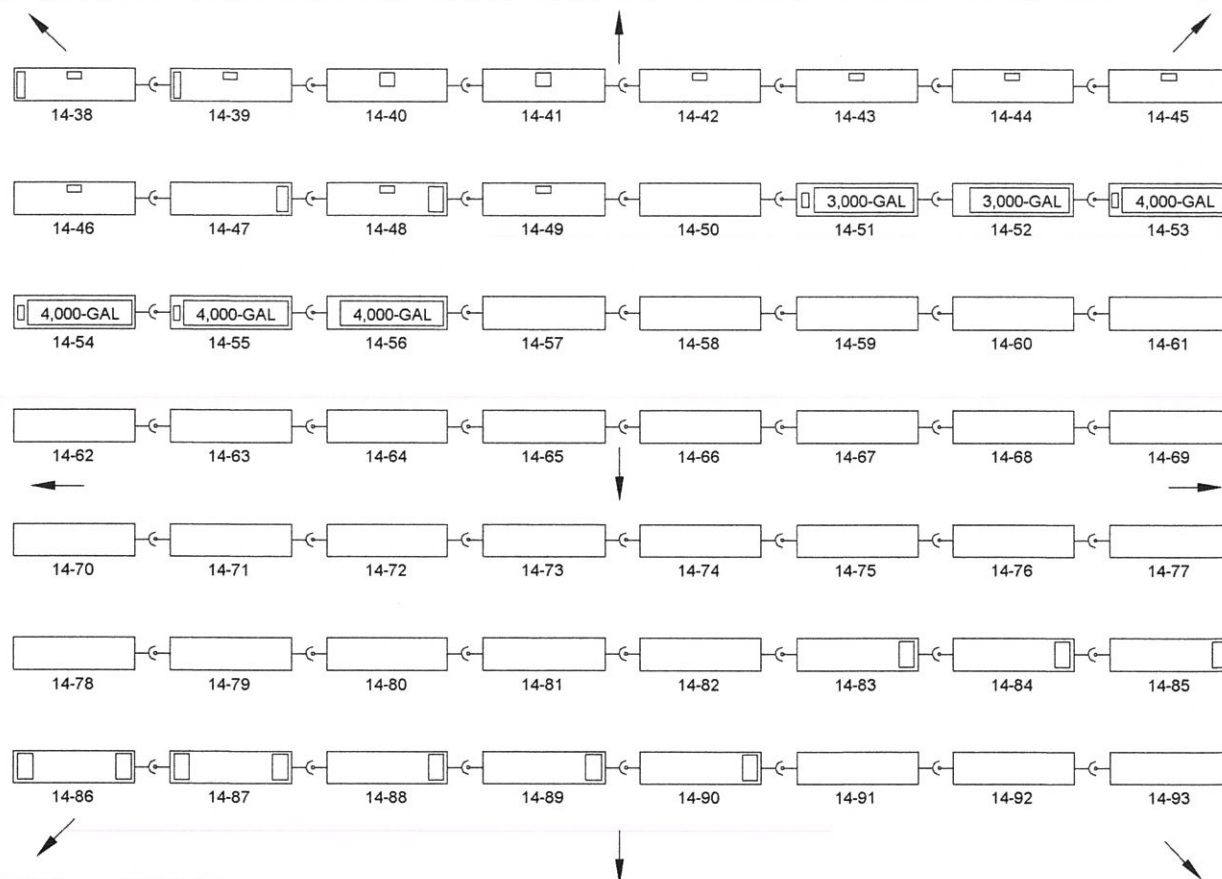


SAE Ice Wine 3D
Pad Detail 29Mar15

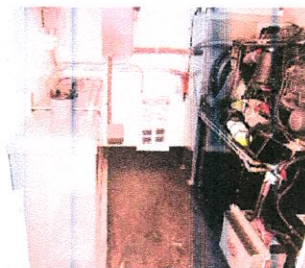


#1 Camp Equipment List

Asset Number	Approximate Volume	Product	Use
14-38 #1	87 (split 2x)	Service Oils	Storage
14-38 #2	100	Diesel	Genset
14-39 #1	89	Service Oil	Storage
14-39 #2	100	Diesel	Genset
14-40 #1	140	Diesel	Genset
14-41 #1	140	Diesel	Genset
14-42 #1	100	Diesel	Genset
14-43 #1	100	Diesel	Genset
14-44 #1	100	Diesel	Genset
14-45 #1	100	Diesel	Genset
14-46 #1	100	Diesel	Genset
14-47 #1	500	Diesel	Genset
14-48 #1	500	Diesel	Genset
14-48 #2	100	Diesel	Genset
14-49 #1	100	Diesel	Genset
14-51 #1	100	Diesel	Genset
14-51 #2	3,000	Diesel	Storage
14-52 #1	100	Diesel	Genset
14-52 #2	3,000	Diesel	Storage
14-53 #1	100	Diesel	Genset
14-53 #2	4,000	Diesel	Storage
14-54 #1	100	Diesel	Genset
14-54 #2	4,000	Diesel	Storage
14-55 #1	4,000	Diesel	Storage
14-56 #1	500	Diesel	Genset
14-56 #2	500	Diesel	Genset
14-56 #3	500	Diesel	Genset
14-56 #4	500 (split 4x)	Service Oils	Storage
14-57 #1	500	Diesel	Genset
14-57 #2	500 (split 4x)	Service Oils	Storage
14-58	500	Diesel	Genset
14-59	500	Diesel	Genset
14-60	500	Diesel	Genset



3,000-GALLON MOBILE REFUELER



100-GALLON AUXILIARY TANK

LEGEND

- DRAINAGE DIRECTION
- TRAIN MODULE
- 4,000-GAL MOBILE REFUELER



VARIABLE BASED ON
FACILITY LOCATION

SAE EXPLORATION SEISMIC SLEIGH CAMP

MOBILE SITE & DRAINAGE PLAN

NORTH SLOPE, ALASKA

JOB NO. 13-1181
DATE 11/12/2014

DRAWN: MSB
CHECKED AT:

RESTORATION
Science & Engineering, LLC
911 West 8th Avenue, Suite 100
Anchorage, Alaska 99501
PH (907) 276-1523 FAX (907) 277-5718

FIGURE 1

#2

Camp Equipment List

H 15-77 15-87 15-86 15-88 15-67

G 15-78 15-83 15-69 15-68 15-70

F 15-75 15-72 15-74 15-71

E 15-76 15-73 15-58 15-59

D 15-81 15-84 15-60 15-61 15-61

C 15-82 15-63 15-64 15-65 15-66

B 15-80 15-85 15-51 15-52 15-53

A 15-79 15-54 15-55 15-56 15-57

MOBILE CAMP

FIELD DEPLOYED REMOTE ASSETS

14-54 4,000-GAL 14-55 4,000-GAL 15-47 4,000-GAL 14-48 4,000-GAL 15-50 3,000-GAL 15-49 3,000-GAL

15-39 15-44 14-41 15-16 15-40

15-13 15-14 15-40 15-42 15-43

VARIABLE BASED ON
FACILITY LOCATION

Asset ID	Tank Volume (Gallons)	Contents	Asset Description
Field Deployed Remote Assets			
15-13 #1	100	Diesel	Vibe Tender
15-13 #2	67 (split 2x)	Service Oils/Out of Service	Vibe Tender
14-41 #1	140	Diesel	Battery Shack
15-16 #1	140	Diesel	Node Reaper
15-39 #1	100	Diesel	Recorder
14-46 #1	100	Diesel	GPS Base Station
15-43 #1	100	Diesel	GPS Base Station
15-44 #1	500	Diesel	Water Maker
15-40 #1	100	Diesel	Survival
15-50 #1	3,000	Diesel	Camp Fuel
15-50 #2	100	Diesel	Camp Fuel
15-49 #1	3,000	Diesel	Fuel Storage
14-54 #1	4,000	Diesel	Remote Fuel
14-54 #2	100	Diesel	Remote Fuel
14-55 #1	4,000	Diesel	Fuel Storage
15-47 #1	4,000	Diesel	Remote Fuel
15-47 #2	100	Diesel	Remote Fuel
14-48 #1	4,000	Diesel	Remote Fuel
14-48 #2	100	Diesel	Remote Fuel
Sleigh Camp Assets			
15-38 #1	100	Diesel	Potable Water Tank
15-41 #1	500	Diesel	Incinerator
15-41 #2	100	Diesel	Incinerator
15-75 #1	500	Diesel	Genset / Food Storage
15-76 #1	500	Diesel	Genset / Food Storage
15-77 #1	500	Diesel	Genset / Camp Shop
15-78 #1	500	Diesel	Genset / Oil Room
15-78 #2	500 (split 4x)	Service Oils	Genset / Oil Room
15-79 #1	500	Diesel	Genset / Vibe Storage
15-79 #2	500 (split 4x)	Service Oils	Genset / Vibe Storage
15-80	500	Diesel	Genset / Storage
15-81	500	Diesel	Genset / Washroom
15-82	500	Diesel	Genset / Laundry
Camp Assets Not In Use			
15-14 #1	69	Service Oil/Out of Service	Field Shop
15-14 #2	100	Diesel/Out of Service	Field Shop
15-14 #3	100	Diesel/Out of Service	Field Shop

LEGEND

	DRAINAGE DIRECTION
	TRAIN MODULE
	MOBILE REFUELER

SAE EXPLORATION SEISMIC SLEIGH CAMP #2

MOBILE SITE & DRAINAGE PLAN

NORTH SLOPE, ALASKA

JOB NO: 15-1161
DATE: 2/12/2015DRAWN: MSB
CHECKED: MBRESTORATION
Science & Engineering, LLC
511 West 8th Avenue, Suite 100
Anchorage, Alaska 99501
PH: (907) 278-1200 FAX: (907) 277-5718

FIGURE 2