



LAND USE PERMIT APPLICATION

State of Alaska
Department of Natural Resources, Division of Oil & Gas
550 W. 7th Ave, Suite 1100, Anchorage, AK 99501-3563
Phone: 907-269-8800 Fax: 907-269-8943
Permitting Email: dog.permitting@alaska.gov



SECTION I: APPLICANT INFORMATION		
1. Applicant:		2. Applicant Contact:
Name: STaX Capital Partners LLC		Name: Sparrow Last Name: Mahoney
Mailing Address: [REDACTED]		Title: President and CEO
City: Wasilla		Is the Mailing Address the same as Applicant's Mailing Address? <input checked="" type="checkbox"/> Yes
State: Alaska Zip Code: 99687		If "No", please provide information below:
Phone: Enter Phone. Fax: Enter Fax.		Mailing Address: Enter Mailing Address.
Email: Enter Email.		City: Enter City. State: Enter State. Zip Code: Enter Zip Code.
		Phone: [REDACTED] Fax: Enter Fax.
		Email: [REDACTED]
SECTION II: THIRD PARTY INFORMATION (Fill out this section only if you are applying for the Applicant)		SECTION III: APPLICATION DATE AND NUMBER (FOR DIVISION USE ONLY)
Third Party Company Name: Holland & Hart, LLP		Application Date: May 13, 2025
First Name: Jim Last Name: Shine.		
Title: Attorney for STaX		
Mailing Address: [REDACTED]		
City: Anchorage		
State: Alaska Zip Code: 99501		
Phone: [REDACTED] Fax: Enter Fax.		
Email: [REDACTED]		
Describe the affiliation to the Applicant: Attorney		Application Number: LAS 35555
SECTION IV: PROJECT INFORMATION		
1. Project Name: Power Generation Project: Phase I		
2. Proposed Duration:		
The proposed activity will require the use of state land for: (Check one)		
<input type="checkbox"/> a single term of less than one year. Starting Date: Enter Date. Ending Date Enter Date.		
<input checked="" type="checkbox"/> a multi year term for up to 5 years. Starting Date: July 2025 Ending Date July 2030		
If multi year and seasonal check months of use in each year:		
<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sept <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec		
3. Project Locations: Franklin Bluffs Pad		
Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates
50 MW mobile modular gas turbines	Umiat Meridian, 004N, 014E, Section 9	69.7176N, 148.7245W

50 MW mobile modular mining containers		
Transmission corridors with 13.3kV armored feeders		
Staging areas: 75 ft x 75 ft section of pad at each location		
Perimeter fencing with a security gate and staff housing		

Proposed project will require the use of approximately 30 acres.

4. Project Description:

- A. 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.

STaX Capital Partners, LLC ("STaX") intends to use approximately 30 acres of available pad space at the Franklin Bluffs pad as the site for Phase I of a power generation project using modular gas turbines to power Bitcoin mining pods. Phase I is temporary and will serve as proof of concept for development of a large-scale gas turbine power generation project, which is expected to be located at a greenfield site on the North Slope.

As shown in the Appendix A diagram, the requested permit area has two sections, a southwest section closer to the Dalton Highway and a northeast section, connected by a local road. The power generation, bitcoin mining, and other project equipment will be located at the southwest section of the permit area, and STaX will secure this section with perimeter fencing. A staging area and employee housing will be located on the northwest section of the permit area.

The Phase I project will use Arctic Containerized Mobile Gas Turbine Generator Sets, model JT6, or similar build. The dimensions of the containers housing the turbines will be 10'x40' and will be sited along the northern perimeter of the southwest section of the permit area. STaX is currently exploring options for supplying and transporting gas to the permit area and is negotiating with an upstream producer for gas supply. The turbines will power modular container pods used for Bitcoin mining, 40'x 8.5' sited in two rows along the east side of the southwest section of the permit area. Power will be distributed via transmission corridors with 13.8kV armored radial feeders and may include transmission banks consisting of 2.5 MVA oil-filled pad-mounted transformers. The components used in the project are all mobile, modular units that will be transported to the site on the Dalton Highway. Protection and metering will use SEL751/787 protective relays, MV switchgear with SCADA enabled monitoring, and load bank bypass and genset interlock for testing. Grounding will be done through copper mesh ground grid bonded to turbine skids and ground rods spaced every 20 ft around perimeter. STaX will be responsible for or contract with a company for snow removal services.

Access to the Franklin Bluffs pad site will be along the existing local road that provides access to the pad from the Dalton Highway.

STaX anticipates using the following equipment at the site:

- Turbines: Arctic Containerized Mobile Gas Turbine Generator Sets (JT6 or equivalent)
- Mining Pods: 50MW of Modular Bitcoin Mining Pods
- Integrated internal PDU and monitoring panel
- Transformers and Switchgear: 1 x MV Switchgear lineup (5 cubicles); SEL relays + panelized SCADA unit; 5 x 2.5 MVA oil-filled pad mount transformers (13.8kV/480V) (note: transformers will potentially not be necessary, depending on final build)
- Cabling and Accessories: 2,000 ft 15kV rated armored cable; 20,000 ft 480V feeder cable; 10 transformer-to-pod terminal boxes (NEMA 3R, arctic rated); MV termination kits, grounding kits
- Fence posts, fencing and Arctic rated signage

STaX is currently negotiating the acquisition of the modular gas turbines. The turbines are expected to be 10MW each, although regardless of the precise capacity the modular units will fit within the area identified in the Appendix A site diagram. STaX expects to have the mobile modules ready to transport to the site by September of 2025.

- B. 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:

Access to the southwest section of the project area should be closed for the secure operation of the equipment involved.

STaX intends to install site security measures to ensure the protection of the facilities.

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

We are not aware of any substantial garbage or debris at the site. Please see the Environmental Risk Questionnaire for discussion of legacy contamination identified by the Alaska Department of Environmental Contamination.

- D. 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):

Besides the pad itself, we are not aware of any existing improvements at the Franklin Bluffs pad.

- E. 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.

There is no natural vegetation on the project area, and no changes in vegetation are proposed. There are no estuarine, riparian, or wetlands areas, or any noticeable animal use of the area.

- F. Describe how you plan to access the site and your mode of transportation.

Access to the permit area will be via the Dalton Highway.

5. Environmental Risks / 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 below:

- A. The types and volumes of fuel or other hazardous substances present or proposed:

The project will use minimal amounts of machinery oil, and, depending on the final build, may use oil-filled transformers. All equipment housing machinery oil or transformer oil will be inside containers with spill prevention integrated into the containers.

- B. The specific storage location(s):

The location of the containers on the permit site is described above in section 4.A and shown in Appendix A.

- C. The spill plan and prevention methods:

All equipment will be containerized, with fluid capture integrated into the container design. Fluid capture includes spill prevention linings in every container. Thus, if any spill of a hazardous substance were to occur, the spill would be confined within the container housing the equipment and would not reach the Franklin Bluffs pad or surrounding environment.

SECTION V: PERFORMANCE GUARANTY

Bonded Company:

Type: Surety

Number:

Amount:

Bonding Company:

Mailing Address:

City:

State:

Zip Code:

Phone: Enter Phone.

Fax: Enter Fax.

Email:

SECTION VI: INSURANCE

Comprehensive General Liability Insurance:

Amount of Insurance:

Insurer Name:

Mailing Address: Enter Mailing Address.

City: Enter City. State: Enter State.

Zip Code: Enter Zip Code.

Phone: Enter Phone.

Fax: Enter Fax.

Email: Enter Email.

SECTION VII: GLOSSARY OF TERMS

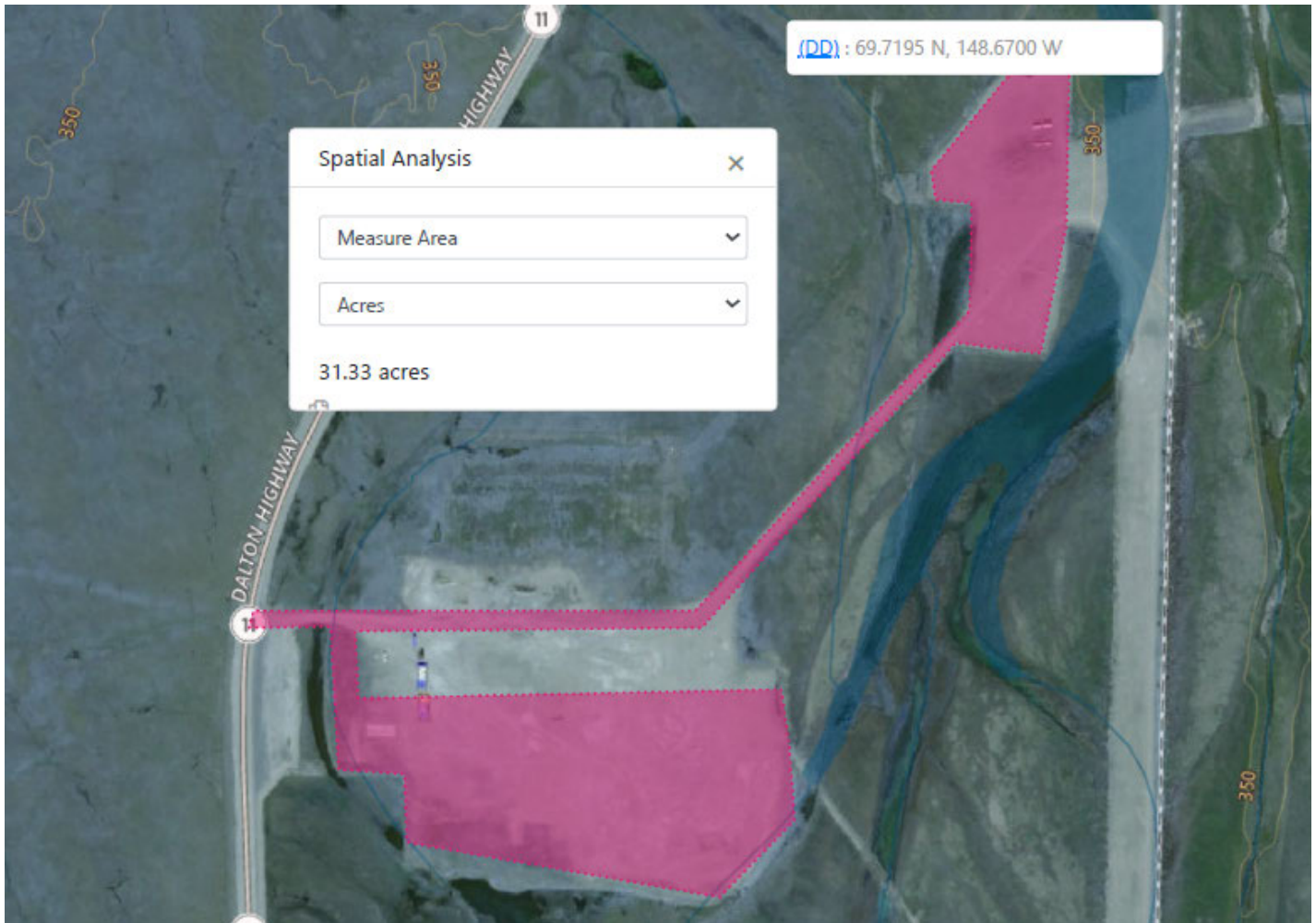
Is a Supplemental Questionnaire included in Appendix B?

☐ Yes

☒ No

Term #	Term	Term Definition
1.	Enter Term.	Enter Term Definition.
2.	Enter Term.	Enter Term Definition.
3.	Enter Term.	Enter Term Definition.
4.	Enter Term.	Enter Term Definition.
5.	Enter Term.	Enter Term Definition.

Site diagram:



APPENDIX B: OTHER

Include other information here.



Environmental Risk Questionnaire

State of Alaska
Department of Natural Resources, Division of Oil & Gas
550 W. 7th Ave, Suite 1100, Anchorage, AK 99501-3563
Phone: 907-269-8800 Fax: 907-269-8943
Permitting Email: dog.permitting@alaska.gov



The purpose of this questionnaire is to help clarify the types of activities you propose to undertake. The questions are meant to help identify the level of environmental risk that may be associated with the proposed activity. The evaluation of environmental risk for the proposed activity does not imply that the parcel or the proposed activity is an environmental risk from the presence or use of hazardous substances.

Through this analysis, you may become aware of environmental risks that you did not know about. If so, you may want to consult with an environmental engineer or an attorney.

SECTION I: SUPPLEMENTAL INFORMATION

1. Describe the proposed activity:

This Phase I of the power generation project will use modular gas turbines powering Artic containerized pods used for Bitcoin mining.

2. In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come into contact with toxic, and/or hazardous materials and/or hydrocarbons? If yes, please list the substances and associated quantities.

The project will use minimal amounts of machinery oil, and, depending on the final build, may use oil-filled transformers. All equipment will be Arctic containerized, with fluid capture integrated into the container design. Fluid capture includes spill prevention linings in every container. If any spill of a hazardous substance were to occur, the spill would be confined within the container housing the equipment and would not reach the Franklin Bluffs pad or the surrounding environment.

3. If the proposed activities involve any storage tanks, either above or below ground, address the following questions for each tank. Where appropriate, include maps or plats:

A. Where will the tank be located?

N/A – no tanks will be used in this project.

B. What will be stored in the tank?

N/A

C. What will be the tank capacity in gallons?

N/A

D. What will the tank be used for? (Commercial or residential purposes?)

N/A

E. Will the tank be tested for leaks?

N/A

F. Will the tank be equipped with leak detection devices? If yes, please describe:

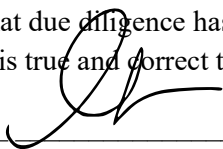
N/A

G. Do you know or have any reason to suspect that the site may have been previously contaminated? If yes, please explain:

The Alaska Department of Environmental Conservation's contaminated sites website lists the Franklin Bluffs pad as a site with legacy contamination resulting from use of the pad as a construction camp during construction of TAPS. Cleanup is complete and institutional controls govern the site, restricting excavation and movement of soils containing residual contamination. Per DEC, multiple users have occupied the site since it was used as a construction camp.

I certify that due diligence has been exercised and proper inquiries made in completing this questionnaire, and that the foregoing is true and correct to the best of my knowledge.

Signature



May 13, 2025

Date

President and CEO

Applicant Title