

GUIDANCE DOCUMENT 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: <u>dog.permitting@alaska.gov</u>



Land Use Permit Application Package includes the following items:

- A Land Use Permit application form completed and signed by the applicant.
- Applicants proposing the use of tide and submerged lands must also complete the Supplemental Questionnaire for Use of Marine Waters accompanying this application.
 Figures are required in the Supplemental Questionnaire for Use of Uplands and/or Non-Marine Waters as well as the Supplemental Questionnaire for Use of Marine Waters and should show each item labeled so that it corresponds with your description in the Questionnaire. <u>The figures must include</u>:
 - Location Section, Township, and Range lines; North arrow; scale; title; legend (may be attached).
 - **Boundaries** Boundaries and dimensions of proposed area of use and their relation to geographic features, including water bodies, and existing trails or rights-of-way.
 - Structures and Storage Location and dimensions of buildings, tent platforms, out-buildings and other improvements, and of equipment parking and storage areas, including snow storage areas.
 - Hazardous substances Location and dimensions of storage facilities for hazardous substances, including but not limited to oil, lubricants, fuel oil, gasoline, solvents, and diesel fuel. Include method and dimensions of storage (tank, drum, etc.).
- Other items that must accompany the application package are:
 - **Map** a topographic map of sufficient scale to show the location of the proposed activity. The map may be either 1:250,000 or 1:63,360.
 - Filing Fees A non-refundable filing fee is required by regulation (11 AAC 05.180(d)(1)(C)). See the current Director's Fee Order for applicable fees. Make checks payable to the "State of Alaska Department of Natural Resources".
 - Other Miscellaneous Items: Items specifically identified and required in any of the supplemental questionnaires.

<u>Pre-Permit Issuance Requirements</u>: Prior to issuance of a permit, an applicant is required to submit one or more of the following:

Use Fees - The use fee depends on the type of activity, length of use and the acreage authorized for use. See the current Director's Fee Order for applicable fees.

Performance Guaranty (Bond) - A performance guaranty is held by the state to assure performance and to pay for corrective action if the use of state land fails to comply with the requirements of the permit. The Division of Oil and Gas uses a bonding matrix to determine the amount of a performance guaranty. Acceptable types of performance guaranties include:

- a. cash or check made out to the State of Alaska;
- b. a Certificate of Deposit (CD) in the state's name; or
- c. a corporate surety bond.

Insurance - Insurance to protect you and the state from liabilities incurred through the use of state property.

Survey - Surveys are generally not required for land use permits. Some authorizations may require a Global Positioning System (GPS) to determine the location of the project.

If you have any questions prior to submitting your application, you are encouraged to meet with a member of the Division of Oil & Gas staff about your proposed activity. Completed applications should be emailed to the Division of Oil & Gas Permitting Section at <u>dog.permitting@alaska.gov</u>.

ONLY COMPLETE APPLICATIONS WILL BE ACCEPTED

Land Use Permit Application Guidance Document V1.0 Revised 4/27/2021



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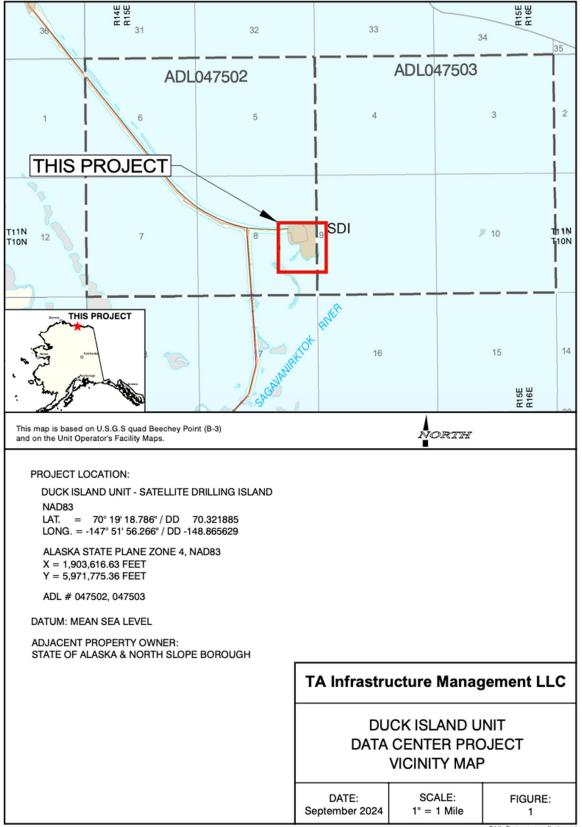
	SECTION I: AP	PLICANT INFORMATION				
1. Applicant:	2. Applicant Contact:					
Name: TA Infrastructure Management I Mailing 5900 Balcones Dr Ste 100 Address: City: Austin	First Tim Last Name: Bonstaff Name: Title: CEO Is the Mailing Address the same as Applicant's Mailing Address? Yes If "No", please provide information below: Mailing Address:					
State: TX Zip Coo	de: 78731-4298	City:	State:	^{Zip} Code:		
Phone: 504-919-3382 Fax: N/A Email: tim@aexadigital.com		Phone: 504-919-3382. Email: tim@aexadigital.cor	n	Fax: N/A		
SECTION II: THIRD PARTY I	NFORMATION	SECTION III: APPLICATION DATE AND NUMBER				
(Fill out this section only if you are app	olying for the Applicant)	(FOR DIVISION USE ONLY)				
Third Party Enter 3rd Party Compa Company Name:	ny Name.	Application Date:				
FirstEnter FirstLastName:Name.Name:	Enter Last Name.					
Title: Enter Title. Mailing Address:						
City: Enter City.						
	Code: Enter Zip Code.					
Phone:Enter Phone.Fax:EnterEmail:Enter Email.	Fax.					
Describe the affiliation to the Applicant:		Application Number:				
Describe your affiliation to the Applicant.						
SECTION IV: PROJECT INFORMATION						
1. Project Name: Project DIU 1	1. Project Name: Project DIU 1					
2. Proposed Duration: If multi yea	 ☐ a single term of less that a multi year term for up t ar and seasonal check month 	use of state land for: (Check one) n one year. Starting Date: Enter D o 5 years. Starting Date: Novemb ths of use in each year: DMay □Jun □Jul □Aug □S	ate. Ending Date Ente per 2024. Ending Date	November 2028.		
3. Project Location:						
Project Components		p, Range, And Section(s)	GPS Coordinates			
Data Center Trial Module Umiat, 11 North, 17 Eas		t, Section 8 -147.861825, 70.319239		19239		
Click here to enter text. Click here to enter text.		Click here to enter text.		text.		

Click here to enter text.	Click here to enter text.	Click here to enter text.				
Proposed project will require the use of up to Click or tap here to enter text. acres.						
4. 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. 						
TA Infrastructure has been collaborating with Hilcorp on strategic projects to monetize produced natural gas on the North Slope that is otherwise stranded from traditional sales markets. As part of those efforts, we have developed a business model whereby we can utilize currently produced natura gas to generate power and co-locate data centers to consume that power on the North Slope. As an initial trial phase, we have developed a pilot program for which this application covers. That pilot program will consist of a single 40ft container that will serve as a modular data center and house 1.4 MW of bitcoin mining computers. These computers will consume power from already installed power generation equipment that is owned by Hilcorp on a continuous basis 24/7 for 4 years. The goal of this pilot project is to demonstrate the ability to operate computers and associated data center infrastructure in the unique environment of the North Slope as well as identify any logistical and operational challenges that a larger project might present. Overall, we believe this project and future larger projects present significant opportunity to monetize natural gas on the North Slope and attract new high-tech industries to the state of Alaska.						
Installation of the data center module will be overseen by the Hilcorp team, including logistics onto the site, placement of the module on the existing pad and the electrical connection from the transformer already in place to the data center module. Logistics to the site will be a single truck on existing roads carrying the single data center module. Placement of the module at the site will involve a single crane to move the container from the truck onto the pad with no additional construction or surface disturbance necessary. Electrical connections will be performed by Hilcorp and consist of 5 total cables running 60' each from the transformer to the data center module. We are estimating less than a week total to complete installation once the data center module arrives at the site. Overall, we have designed this pilot to have minimal impact to the existing pad site.						
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:						
The site should remain closed to the general public because of simultaneous operations with Hilcorp oil and gas operations.						
 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): The site is currently vacant space on an oil and gas production facility pad. 						
 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): Significant oil and gas surface infrastructure owned by the Duck Island Unit working interest owners. 						
 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. Site will utilize existing developed gravel pad site. 						
F. Describe how you plan to access the site and your mode of transportation. Site will be accessed via road from Deadhorse by truck.						
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 Click here to enter text.	other hazardous substances present or proposed:					
B. The specific storage location(s): Click here to enter text.						
C. The spill plan and prevention methods: Click here to enter text.						
	SECTION V: PERFORMANCE GUARANTY					

Bonded	Company:	Enter Bonded Company.						
Type:	Enter Bond Ty	pe.	Number	Enter	Bond Number.		Amount:	Enter Bond Amount.
Bonding	g Company:	Enter Bonding Company						
Mailing	Address:	Enter Mailing Address.						
City:	Enter City.			State:	Enter State.		Zip Code:	Enter Zip Code.
Phone:	Enter Phone	. F	ax: En	ter Fax.		Email:	Enter Email.	

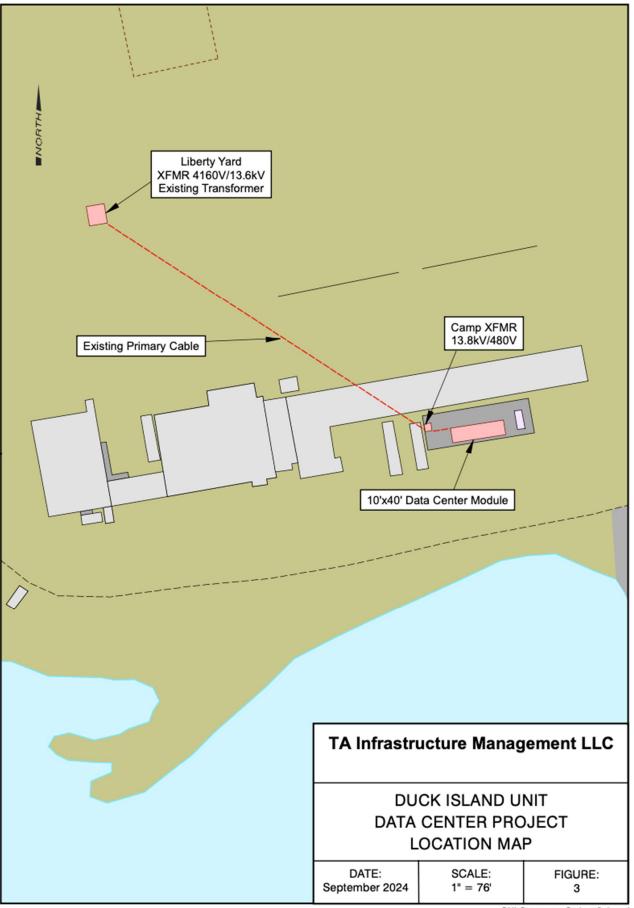
SECTION VI: INSURANCE						
Comprehensive General Liability Insurance:						
Amount of Insu	Amount of Insurance: Enter Amount of Insurance.					
Insurer Name:	Insurer Name: Enter Insurer Name.					
Mailing Address: Enter Mailing Address.						
City: Enter C	Sity.	State :	Enter State.	Zip Code: Enter Zip Code.		
Phone Enter	r Phone.	Fax:	Enter Fax.	Email: Enter Email.		
SECTION VII: GLOSSARY OF TERMS						
Is a Supplemental Questionnaire included in Appendix B?						
Term #	Term		Term Definition			
1.	Enter Term.	Ente	er Term Definition.			
2.	Enter Term.	Ente	er Term Definition.			
3.	Enter Term.	Ente	er Term Definition.			
4.	Enter Term.	Ente	er Term Definition.			
5.	Enter Term.	Ente	er Term Definition.			

APPENDIX A: MAPS





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