

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
Division of Mining, Land and Water

APPLICATION FOR EASEMENT
AS 38.05.850

ADL# _____
(to be filled in by State)

Applications that are submitted with unfilled sections or inadequate explanation and/or without application fees, a location figure and/or a completed Division of Mining, Land and Water (DMLW) Environmental Risk Questionnaire will be deemed incomplete. Incomplete applications will be returned without review. See DMLW's current fee regulations (11 AAC 05) and associated Director's Fee Order for applicable non-refundable fee amounts. The filing of an application does not guarantee processing or approval of the requested authorization.

Applicant: Zachary Miller Doing Business As: _____

Agent: (if applicable; attach record of authorization to represent) _____

Mailing Address: Po Box 5 Email: _____

City/State/Zip: Elfin Cove, AK 99825

Primary Phone: 7603909369 Alternate Phone: 9072392232

General Location: Elfin Cove Municipality: _____

Section(s): 25 & 36 Township: 042S Range: 055E Meridian: C

Section(s): _____ Township: _____ Range: _____ Meridian: _____

Attach a location figure, plan drawing or survey that shows the detailed location of the requested easement in relation to adjoining property boundaries and reference points. All features must be labeled.

Dimensions requested (Complete line 1 for a lineal easement or line 2 for an easement with an irregular shape):

1. Length: (feet) 1000 Width: (feet) 5

2. Area: 5000 Are units in square feet or acres? (check one)

Term requested and rationale: 20 years, would be in line with the timeline for potential infrastructure upgrades.

Are you applying for a public or a private easement? (check one) Rationale:

This will be for a waterline for a private hydroelectric system

Development plan summary/specific purpose of easement: (e.g., electric utility, fiber-optic cable, road, bridge, airstrip/airport, driveway, trail, drainage). This information will be used to determine the scope of use of the easement. This plan outlines the development of a hydroelectric power system on Lot 5 and the proposed easement site in Elfin Cove. The primary objective is to secure a land easement to install the necessary infrastructure while balancing environmental sustainability, economic viability, and local community benefits. The system will harness the kinetic energy from a water source on the property to generate clean, renewable energy.

ADL # _____

Easement Application Form 102-112 (Rev. 09/23)

Is this an existing use? Yes No. If yes, explain extent and duration of use to date:

Describe plans for initial construction. Be detailed. Include a list of authorizations for portions of the project that are proposed for construction on adjoining lands, other permitting, and/or third-party non-objections: (Use extra sheets as needed)

The initial construction of the micro-hydroelectric system will begin with obtaining a tideland lease in front of Lot 15. This is essential for building the powerhouse, which will house the necessary turbines, electrical components, and monitoring systems. A water catchment system will be strategically constructed in the most efficient, accessible location to ensure ease of maintenance and minimal change to the environment.

Next, a 2,000-foot water pipeline will be installed, running through the proposed easement. It will traverse Lot 15, as well as utilizing the utility easement of Lot 15A, leading to the powerhouse, and finally discharging back into the original creek bed/beach located on Lot 15A. This layout ensures minimal environmental impact and efficient water flow.

In terms of regulatory approvals, authorizations for net metering with the town utility are under discussion. This system aims to reduce wear and tear on town generators, lower the consumption of diesel fuel, and introduce clean, renewable energy to the community.

The electrical engineering for the system will be handled by a professional recommended through Aurora Power and Design. The system will be designed to supply power to the existing cabins, ensuring that it meets all local standards and codes. In addition to the tideland lease, the project will require several authorizations for work on adjoining properties. Permission must be secured for the water pipeline, particularly if it crosses Lot 15A's utility easement.

Anticipated construction timeframe: 18 months

If this authorization is granted, I agree to construct and maintain the authorized improvements in an acceptable manner, and to keep the area in a neat and sanitary condition; to comply with all the laws, rules, and regulations pertaining thereto; and provided further that upon termination of the easement for which application is being made, I agree to remove or relocate the improvements and restore the area without cost to the State and to the satisfaction of DMLW.

Applicant's Signature



Date: 10/21/24

This form must be filled out completely and submitted with the applicable fees. Failure to do so will result in a delay in processing. 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 a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(8) and confidentiality is requested, AS 43.05.230, or AS 45.48). 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 are punishable under AS 11.56.210.

In submitting this form, the applicant certifies that he or she has not changed the original text of the form or any attached documents provided by the Division. In submitting this form, the applicant agrees with the Department to use "electronic" means to conduct "transactions" (as those terms are used in the Uniform Electronic Transactions Act, AS 09.80.010 – AS 09.80.195) that relate to this form and that the Department need not retain the original paper form of this record: the department may retain this record as an electronic record and destroy the original.

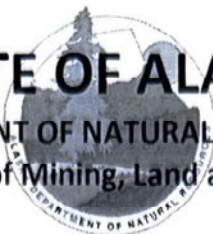
For Department Use Only
Application received date stamp

Receipt Types:

- 13A Pipeline Easement
- 13 Other Easement

ADL # _____

Easement Application Form 102-112 (Rev. 09/23)



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DEPARTMENT OF NATURAL RESOURCES
Division of Mining, Land and Water

Land Conveyance Section 550 W. 7 th Ave, Suite 640 Anchorage, AK 99501-3576 (907) 269-8594	Northern Region 3700 Airport Way Fairbanks, AK 99709-4699 (907) 451-2740 nro.lands@alaska.gov	Southcentral Region 550 W. 7 th Ave, Suite 900C Anchorage, AK 99501-3577 (907) 269-8503 dnr.pic@alaska.gov	Southeast Region P. O. Box 111020 Juneau, AK 99811-1020 (907) 465-3400 sero@alaska.gov
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Statewide TTY – 771 for Alaska Relay or 1-800-770-8973

APPLICANT ENVIRONMENTAL RISK QUESTIONNAIRE

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 Division of Mining, Land and Water's 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.

Zachary Miller

Applicant's Name		Doing Business As	
Lot 14		Elfin Cove	
		AK	99825
Address		City	
(760) 390-9369	()	zack@elfincovecamp.com	Zack Miller
Message Phone	Work Phone	Email	Contact Person

Describe the proposed activity:

The proposed activity involves constructing a micro-hydroelectric system designed to generate renewable energy for a set of cabins. The system will consist of a small powerhouse built on tidelands in front of Lot 15, housing turbines and an electrical monitoring system. A water catchment will be installed in an optimal location for efficient water collection, followed by the installation of a 2,000-foot water pipeline.

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 list the substances and the associated quantities. Use a separate sheet of paper, if necessary.

N/A

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Applicant Environmental Risk Questionnaire Form 102-4008A (Rev. 09/21)

If the proposed activities involve any storage tanks, either above or below ground, address the following questions for each tank. Please use a separate sheet of paper, if necessary, and, where appropriate, include maps or plats:

a. Where will the tank be located?

N/A

b. What will be stored in the tank?

N/A

c. What will be the tank's size 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? Yes No. If yes, describe:

N/A

Do you know or have any reason to suspect that the site may have been previously contaminated? Yes No.

If yes, please explain:

N/A

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.

Applicant Signature: _____



Date: _____

3/25/25

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Applicant Environmental Risk Questionnaire Form 102-4008A (Rev. 09/21)

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