



THE STATE  
of **ALASKA**  
GOVERNOR BILL WALKER

**Department of Natural Resources**

DIVISION OF MINING, LAND & WATER  
NORTHERN REGIONAL LAND OFFICE

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March 1, 2016

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND & WATER,  
NORTHERN REGION, LAND OFFICE  
3700 AIRPORT WAY  
FAIRBANKS, AK 99709-4699

PUBLIC NOTICE  
LAS 30823  
Fairbanks Soil and Water Conservation District

Subject to AS 38.05.850, the Northern Regional Land Office is considering the issuance of a Land Use Permit (LAS 30823) to the Fairbanks Soil and Water Conservation District (FSWCD). The applicant has requested a permit for the purpose of treatment of the aquatic invasive species elodea in three waterways.

The DNR DMLW NRO proposes to issue a permit for using aquatic herbicides in three water bodies (Chena Slough, Chena Lake, and Totchaket Slough) to treat elodea infestations. This activity must also be permitted through the Alaska Department of Environmental Conservation (ADEC) with a Pesticide Use Permit, and applications of herbicide fluridone will be carried out in consultation with ADEC. Details of toxicity, environmental impacts, and calculations of application rates are available in the attached DEC Pesticide Use Permit application.

FSWCD proposes to treat the three water bodies with pelleted and liquid formulations of the aquatic herbicide fluridone applied in pellet (Sonar H4C and Sonar ONE) and liquid form (Sonar Genesis) over a 3-4 year period. Sonar pellets will be delivered by boat in spring and summer, and liquid herbicide will be delivered via an injection system over a 12 week period each year. Water sampling will be carried out to ensure that a lethal dose of the herbicide is maintained in the eradication zone during each treatment period (45-90 days each season).

All herbicides will be applied by AK-DEC certified pesticide applicators. Fluridone is a low-toxicity chemical, and it will be applied at a low concentration (4-8ppb). Any spills will be diluted by water. No Personal Protection Equipment (PPE) is required for the application of fluridone. No chemicals will be stored on state lands.

Elodea density will be monitored each pre- and post-treatment. Elodea surveys will be carried out by boat and shoreline surveys.

Signage will be posted indicating the use of aquatic herbicides, potential risks, and precautions.

Chena Slough will be accessed via a private boat launch. Chena Lake will be accessed via a FNSB boat launch. Totchaket Slough will be accessed via the Tanana River. Boats and vehicles will be fueled at gas stations, no fuel will be stored on site.

The DNR DMLW Lands Section believes that this is consistent with Department of Natural Resources standards and proposes to issue a permit for treatment of elodea through December 2019 under LAS 30823.

APPLICANT: Fairbanks Soil and Water Conservation District

PROJECT NAME: LAS 30823

DEADLINE FOR COMMENTS: 5:00 PM, March 15, 2016

The Land Use Permit application and associated documents, including the Pesticide Use Permit application to ADEC and information about the proposed herbicides, is available by contacting (907) 451-2737 or e-mail: [kimberley.maher@alaska.gov](mailto:kimberley.maher@alaska.gov).

The public is invited to comment on the proposed permit. Comments must be received by the Division of Mining, Land and Water by 5:00 PM, March 15, 2016. Comments may be submitted in writing to the above address or via email. Any questions or comments concerning this proposal should be directed to Kimberley Maher. Telephone: (907) 451-2737; Fax: (907) 451-2751 or e-mail: [kimberley.maher@alaska.gov](mailto:kimberley.maher@alaska.gov).