

Presenter

Tyler Lampella-Environmental
Specialist Senior

Elizabeth Cook

Burntside Lake

GL 7

S23, T63N, R13W

Morse Township

VARIANCE REQUEST

The applicant is requesting relief from St. Louis County SSTS Ordinance 61 to allow a Subsurface Sewage Treatment System at a reduced shoreline setback.

Proposed lake setback of 24 feet: 75 feet required.

PROPOSAL DETAILS

Existing: The property is currently served by a drywell and unapproved graywater disposal. The drywell is located approximately 22 feet from the OHWL

Current dwelling is 4 bedroom with clothes washer and dishwasher (DF). Pressurized water added to cabin in 1956.

Proposed: Installation of a Peat Filter sewage treatment system.

St. Louis County

August BOA Meeting



Prepared By: Planning & Community
Development
(218) 725-5000
www.stlouiscountymn.gov

Source: St. Louis County

Map Created: 7/22/2020

Disclaimer: This is a compilation of records as they appear in the St. Louis County Offices affecting the area shown. This drawing is to be used only for reference purposes and the County is not responsible for any inaccuracies herein contained.

Copyright St. Louis County All Rights Reserved



Elizabeth Cook

Location Map

PIN:465-0040-03590



0 0.25 0.5 0.75
Miles



St. Louis County MN

St. Louis County

August BOA Meeting

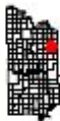


Prepared By: Planning & Community Development
(218) 725-5000
www.stlouiscountymn.gov

Source: St. Louis County
Map Created: 7/22/2020

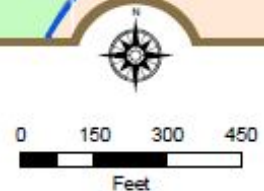
Disclaimer: This is a compilation of records as they appear in the St. Louis County Offices affecting the area shown. This drawing is to be used only for reference purposes and the County is not responsible for any inaccuracies herein contained.

© Copyright St. Louis County All Rights Reserved



Elizabeth Cook
Zoning Map

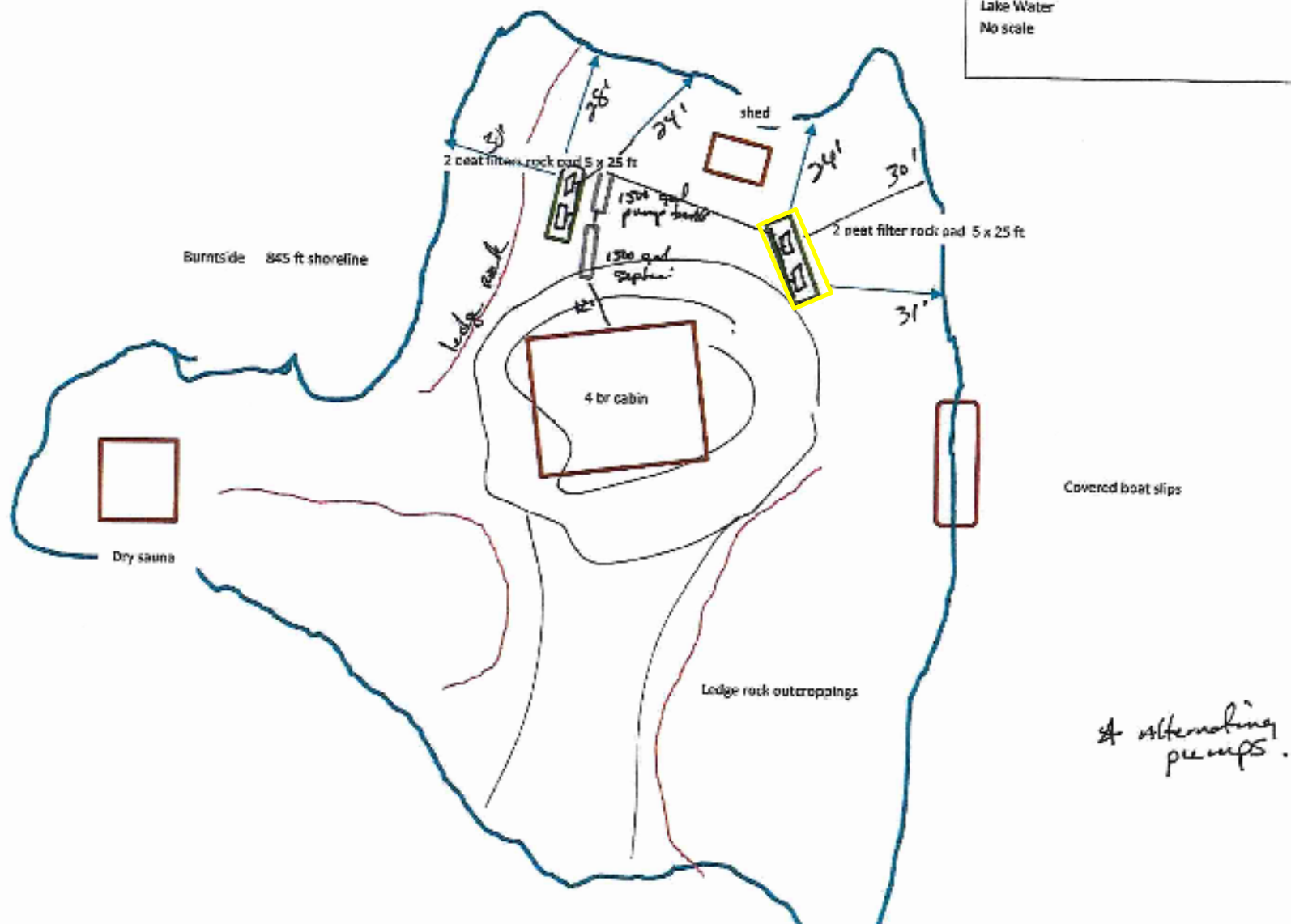
PIN:465-0040-03590



St. Louis County MN



Site evaluation of Septic June 16 & 30
2798 Indian Island
Morse Twn 63-13
1.75 acres
Inspected by Sheri Sawatzky
Vermilion Barging Inc
License 1659 Cert 6541
218-666-5512
Lake Water
No scale





View of Island from mainland



Alternate view of island

Existing
drywell
location



Facts and Findings

Official Controls

1. Ordinance 61 states that all ISTS components must be setback in accordance with Table VII of the SSTS Technical standards and the setback requirements on the MN Shoreland Rules. The required setback is 75 feet from the shoreline.

Practical Difficulty

1. The island has been developed since the early 1900s with running water added in 1956. Modern standards were not in place for treating wastewater in 1956. The island has no suitable area for wastewater treatment that meets the required lake setback.
2. The only option is to not generate wastewater and make use of a vaulted outhouse which would also require relief from the lake setback requirement.

Essential Character of the Locality

1. The subject parcel, an island, is located approximately 160' from the Burntside Lodge property. There are numerous platted lots to the east of the subject parcel. Indian Island is approximately 300 feet to the north of the subject parcel and is undeveloped.
2. Most of the development in the area is well established.

Other Factor(s)

1. Using pretreatment of the sewage (peat filter system) will be a substantial improvement over the current situation. The existing drywell system is a disposal system that does a very poor job of treating wastewater.
2. The land owner has shown that the proposed solution is better than the status quo and a full faith effort was made improve the situation.

Board of Adjustment Criteria for Approval of a Variance

1. Is the variance request in harmony with the general purpose and intent of official controls?
2. Has a practical difficulty been demonstrated in complying with the official controls?
3. Will the variance alter the essential character of the locality?
4. What, if any, other factors should be taken into consideration on this case?

Recommended Conditions, If Approved

In the event that the Board of Adjustment determines that the proposal meets the criteria for granting a variance to allow the construction of an SSTS at reduced lake setback, the following condition(s) shall apply:

1. There shall be no increased water usage on the subject parcel.
2. The lake setback shall be maximized to the greatest extent possible and shall be no closer than 24 feet to the Ordinary High Water Level.
3. The proposal shall adhere to all county, state and federal regulations.

Correspondence

Board of Adjustment

Questions?

Public

Questions?