

# Ekelund Excavating Inc

50414 Lily Ave McGregor MN 55760

218-426-4285

Lic#552

Roger Hoglin

49523 Lake ave McGregor MN 55760

Parcel# 29-1-323500

29-1-323400

Holding Tank Design

FIELD EVALUATION SHEET

PRELIMINARY EVALUATION DATE 6/11/18, FIELD EVALUATION DATE 6/18/18
PROPERTY OWNER: Royal Hoaglin, PHONE 952-994-7728
ADDRESS: 49523 Lake Ave, CITY, STATE, ZIP: McGregor, MN 55760
LEGAL DESCRIPTION:
PIN# 29-1-323500, 29-1-323400 SEC T R TWP NAME Shamrock
FIRE# LAKE/RIVER Big Sandy LAKE CLASS OHWL FT.

DESCRIPTION OF SOIL TREATMENT AREAS

AREA #1 AREA #2 REFERENCE BM ELEV. 104.00 FT.
DISTURBED AREAS YES NO X YES NO REFERENCE BM DESCRIPTION
COMPACTED AREAS YES NO X YES NO Corral of Driveway
FLOODING YES NO X YES NO and paved Road
RUN ON POTENTIAL YES NO Y YES NO
SLOPE % 2%
DIRECTION OF SLOPE West
LANDSCAPE POSITION
VEGETATION TYPES large trees

DEPTH TO STANDING WATER OR MOTTLED SOIL: BORING# 1 6", 1A 6", 2 6", 2A 6"

BOTTOM ELEVATION--FIRST TRENCH OR BOTTOM OF ROCK BED: #1 FT., #2 FT.

SOIL SIZING FACTOR: SITE #1, SITE #2

CONSTRUCTION RELATED ISSUES:

LIC# L552 SITE EVALUATOR SIGNATURE: [Signature]
SITE EVALUATOR NAME: Dudley Eddy TELEPHONE# 218-426-4285

LUG REVIEW DATE

Comments: No suitable soil for standard mound.
Install two 1500 gallon holding tanks

SOIL BORING LOGS ON REVERSE SIDE

## SOILS CHARTS FOR BOTH PROPOSED AND ALTERNATE SITES

1 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-6"	Top Soil	
6"-10"	clay loam mottled	2.5 YR 6/2

2 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-6"	Top soil	
6"-10"	clay loam mottled	2.5 YR 7/3

1 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

2 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

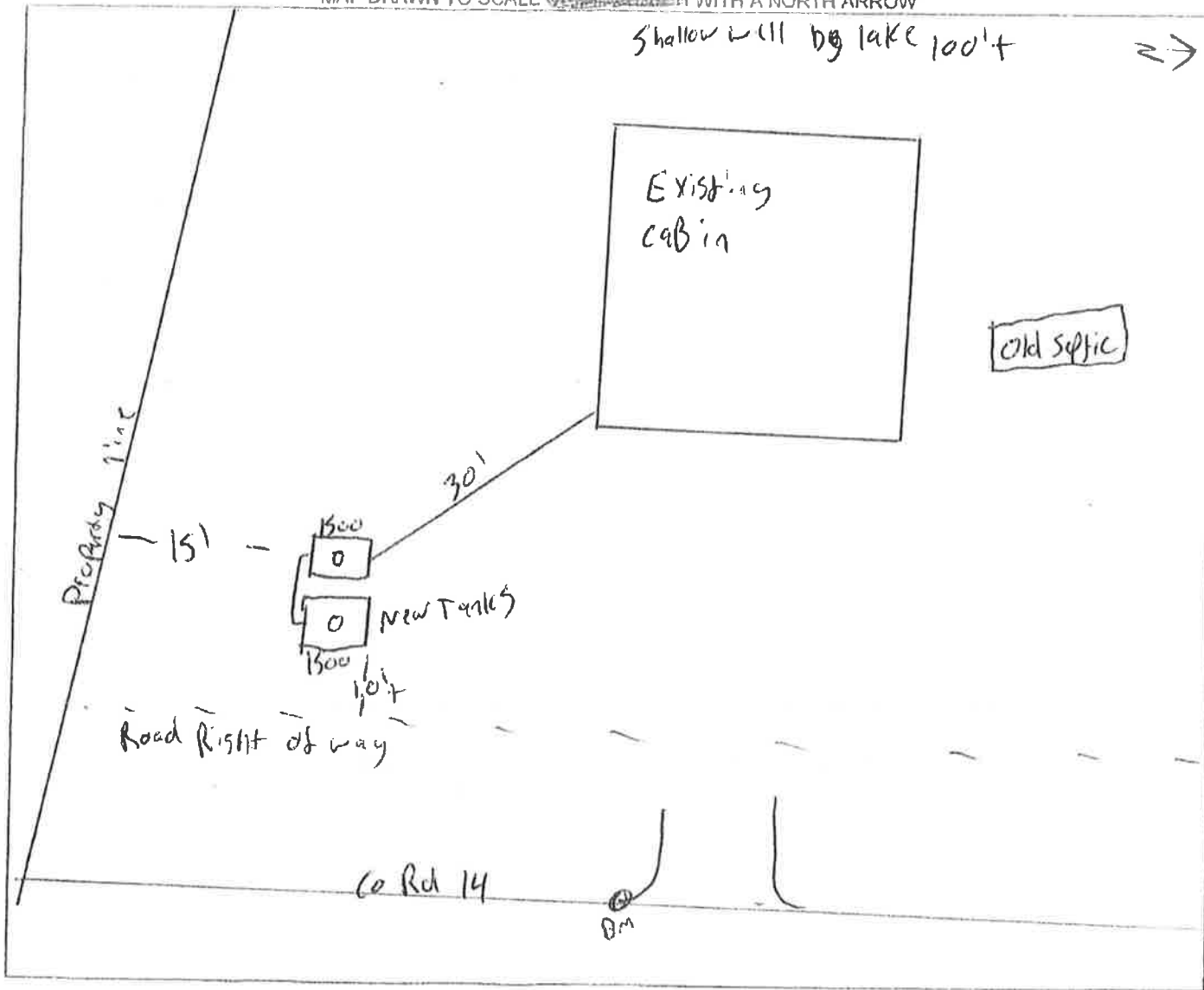
ADDITIONAL SOIL BORINGS MAY BE REQUIRED

SKETCH SHEET

CLIENT: Roger Haglin

DATE: 6/18/18

MAP DRAWN TO SCALE WITH A NORTH ARROW



CHECK OFF LIST--HAVE ALL OF THE FOLLOWING BEEN DRAWN ON THE MAP??

- SHOW EXISTING OR PROPOSED
- WATER WELLS WITHIN 100 FT OF TREATMENT AREAS
  - PRESSURE WATER LINES WITHIN 10 FT OF TREATMENT AREAS
  - STRUCTURES
  - ALL SOIL TREATMENT AREAS
  - HORIZONTAL AND VERTICAL REFERENCE
  - POINT OF SOIL BORINGS
  - LOT EASEMENTS
  - DISTURBED/ COMPACTED AREAS
  - SITE PROTECTION--LATHE AND RIBBON EVERY 15 FT
  - ACCESS ROUTE FOR TANK MAINTENANCE
- REQUIRED SETBACKS
- STRUCTURES
  - OHWL
  - LOT IMPROVEMENTS
  - ALL ISTS COMPONENTS
  - DIRECTION OF SLOPE
  - ALL LOT DIMENSIONS
  - PROPERTY LINES
- COMMENTS:

INDICATE ELEVATIONS

BENCHMARK	100'
ELEVATION OF SEWER LINE @ HOUSE	98'
ELEVATION @ TANK INLET	96.5'
ELEVATION @ BOTTOM OF ROCK LAYER	NA
ELEVATION @ BOTTOM OF BORING OR RESTRICTIVE LAYER	98'
ELEVATION OF PUMP	NA
ELEVATION OF DISTRIBUTION DEVICE	NA

DESIGNER SIGNATURE *[Signature]*  
 LICENSE# 552

DATE 6/18/18

**HOLDING TANK PUMPING SERVICE AGREEMENT**

Permit # \_\_\_\_\_ Address 49523 Lake Ave McGregor MN 5570

THIS AGREEMENT, entered into by and between Aitkin County Registered Septic Tank Pumper, ANDREW SEPTIC, hereinafter referred to as "Contractor", and ROGER HOSLIN, hereinafter referred to as "Homeowner".

WHEREAS, Homeowner desires and is required to retain individual sewage treatment system holding tank services to protect the environment and to obtain a certificate of compliance from Aitkin County; and

WHEREAS, the Contractor desires to provide sewage treatment system pumping services to Homeowner as necessary and in accordance with the terms and conditions outlined herein.

NOW THEREFORE, in consideration of the mutual promises contained herein, Parties do hereby agree as follows:

1. **TERM.** The term of this Agreement shall be from 7/1/18 to final installation of an Aitkin County approved sewage treatment system or connection to a Municipal Sewage Treatment System, unless earlier terminated as provided herein. The parties understand and agree that this Agreement is intended to arrange for the provision of pumping services so that Homeowner may occupy the home pursuant to a certificate of compliance to be issued by the Aitkin County Environmental Services Department upon execution of this Agreement. Homeowner further agrees that at the earliest possible date, Homeowner shall have a permanent sewage treatment system installed in accordance with the Aitkin County Subsurface Sewage Treatment System Ordinance and as approved by the Aitkin County Environmental Services Department or connect to a Municipal Sewage Treatment System. Upon approval by the County of Aitkin of the individual sewage treatment system or connection to a municipal sewer, or approval by Aitkin County Environmental Services of an amended or different contract, this Agreement shall terminate.

2. **FREQUENCY OF PUMPING.** Homeowner agrees that he/she shall not allow the holding tank to overflow or discharge in any manner. Contractor and Homeowner agree that the holding tank shall be pumped in accordance with the following:

- Tank size (gal.) 1500 x 2-1 (number of household occupants multiplied by 75 gallons per day) = frequency of pumping; or
- Within 24 hours of indication by tank alarm of lack of capacity (applicable only if system has a functional alarm);
- Whichever is greater

Contractor agrees to provide pumping services according to the regular pumping schedule or as needed to prevent discharge. Homeowner shall compensate Contractor as agreed by the parties for pumping services rendered.

3. **INSPECTION.** Holding tanks will be inspected by a licensed pumper at the time of servicing for leaks below the operating depth and whether tank tops, riser joints, and connections leak through visual evidence of major defects.

4. **REPORTING.** Grievances of Homeowner or Contractor shall be reported to the Aitkin County Environmental Services Department by Homeowner or Contractor. Homeowner and Contractor understand that failure to have holding tank pumped as herein specified or the discharge of any contents from the holding tank, regardless of fault, may result in the suspension, cancellation or revocation of the certificate of compliance, and the homeowner may be required to vacate the premises.

[Signature]  
Contractor

\_\_\_\_\_  
Homeowner

Date 6/18/18

Date \_\_\_\_\_

