

**PERMIT MUST BE POSTED AT THE CONSTRUCTION SITE**

Becker Coun  
835 Lake Av  
Detroit Lakes, MN 56501  
Phone (218)-846-7314; Fax (218)-846-7266



030583012

Onsite Septic System Site Evaluation/Design Tax Parcel Number 03.0583.012 911 Address 30175 Oakland Drive

Legal Description: Hidden Hills 2<sup>nd</sup> Blk 5 Lot 4 Section 5 TWP 138 Range 40

Lake Name None Lake Classification None Township Name Burlington

Owner's Name Gary Haugan Address 30175 Oakland Drive

City Detroit Lakes State/Zip Mn 56501 Phone Number \_\_\_\_\_

Number of Bedrooms 5 Well Casing Depth None Garbage Disposal (Yes) (No)  
Design Flow 750 GPD Depth of other Wells within 100 ft of system None Grinder Pump/Lift Station In House (Yes) (No)

Type of Observation: Probe Pit (Boring)  
Original Soil (Yes) (No) Compacted Soil (Yes) (No) Proposed Design  
Depth to Restricting Layer > 82" ( ) Replace Septic Tank  
Maximum of Depth of System 46" (X) Septic Tank/Drainfield  
Perc Rate \_\_\_\_\_ Soil Sizing Factor 1.27 ( ) Drainfield Only  
( ) Holding Tank  
( ) Lift Station  
Type of Drainfield  
(X) Standard (gravelless) chamber  
( ) Standard (rock depth) \_\_\_\_\_  
( ) Standard Bed  
( ) Mound ( ) At Grade  
( ) Pressurized Bed

**SOIL BORING LOG**

DEPTH (INCHES)	TEXTURE	COLOR & MUNSELL NO.	STRUCTURE
1-6	Top Soil	10YR 2/1 Black	<u>(BLOCKY PLATY PRISMATIC NONE)</u>
6-12	Loam	10YR 3/2 Very Dark grayish brown	<u>(BLOCKY PLATY PRISMATIC NONE)</u>
12-36	sandy clay	10YR 4/2 Dark grayish brown	<u>(BLOCKY PLATY PRISMATIC NONE)</u>
36-82	Sandy loam	10YR 5/4 Yellowish brown	<u>(BLOCKY PLATY PRISMATIC NONE)</u>

**SOIL BORING LOG**

DEPTH (INCHES)	TEXTURE	COLOR & MUNSELL NO.	STRUCTURE
1-10	Top Soil	10YR 2/1 Black	<u>(BLOCKY PLATY PRISMATIC NONE)</u>
10-17	loam	10YR 3/3 Dark brown	<u>(BLOCKY PLATY PRISMATIC NONE)</u>
17-40	sandy clay	10YR 4/4 Dark yellowish brown	<u>(BLOCKY PLATY PRISMATIC NONE)</u>
40-82	sandy loam	10YR 5/4 Yellowish brown	<u>(BLOCKY PLATY PRISMATIC NONE)</u>

Type of alarm Device on lift Station or Holding tank

Attach perc test Information if Required

Name and Address of Designer Richard Vauberg Detroit Lakes Phone 847-7372

MPCA Number 1910 Date of Site Evaluation 7-10-01 Signature of Designer [Signature]

Name of Installer (if different from Designer) \_\_\_\_\_ MPCA Number \_\_\_\_\_

**\*FOR USE BY BECKER COUNTY ENVIRONMENTAL SERVICES DEPARTMENT ONLY\***

\*\*\* Any changes to the permit must first be approved by Becker County Planning & Zoning. No system shall be covered up without inspection by Becker County Planning & Zoning.

\*\*\* Inspections must be scheduled at least 24 hours prior to time requested.

Date Received 7/16/01 Application Fee 75<sup>00</sup> State Surcharge 0 Total 75<sup>00</sup>

[ ] Application is hereby denied  
[X] Application is hereby granted to Gary Haugan to install an individual septic system according to the specifications of the site evaluation and design submitted to the Becker County Environmental Services Office. By

Order of: Nancy Youngs 7/16/01 16318  
Signature of Becker County Qualified Employee Date Permit Issued Permit Number  
This permit expires on 7/16/02

The site plan must be drawn to dimension or to scale:

- \*Dimensions of Lot
- \*Existing & Proposed Buildings
- \*Easements & setbacks
- \*Well & Water Line Locations within 100 ft of System
- \*Distance from Property Lines
- \*Tank Access Route
- \*Distance from OHWM
- \*Distance from buildings

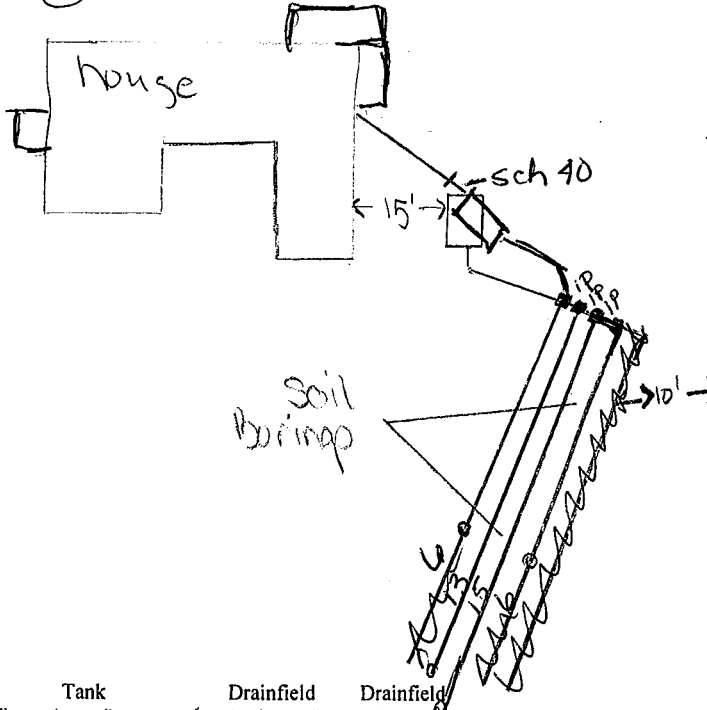
- \*Scale - One inch = 30 ft
- \*Location of any Unsuitable Soil
- \*Soil Borings & Per Test Locations
- \*Alternate Drainfield Location



Oakland Drive

Swing  
64' long  
22" chambers

well? - not in yet



~~31 H-10 chambers~~

OR

38 EQ-36 chambers required - 40 actual

Property line

	Tank (estimated)	Tank (actual)	Drainfield (estimated)	Drainfield (actual)
Distances to Well		none ✓		none ✓
Distance to Building		15' ✓		> 25' ✓
Distance to Property Line		> 20' +10' ✓		> 10' +10' ✓
Distance to Pressure Line		none ✓		none ✓
Distance to Ordinary High Water		> 82" NA		> 82" NA

Tank size 1500 ✓  
 Lift station size \_\_\_\_\_  
 Drainfield size 953 sq ft  
 Pump HP \_\_\_\_\_  
 Date installed 7/16/01

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CERTIFICATE OF COMPLIANCE

( ) Certificate Is Hereby Denied

(✓) Certificate is Hereby Granted Based upon the Application, addendum from, plans, specifications and all other supporting data. With property maintenance, this system can be expected to function satisfactory, however, this is not a guarantee.

Nancy Young  
 Signature

Zoning Inspector  
 Title

7/25/01  
 Date

(Certificate of Compliance is not valid unless signed by a Registered Qualified Employee)