



070147001

Becker County Planning & Zoning
5 Lake Ave, P O Box 787
Detroit Lakes, MN 56502-0787
Phone (218)-846-7314; Fax (218)-846-7266

07.0147.001
Sept 2002

Onsite Septic System Site Evaluation/Design Tax Parcel Number 07.0126.001 911 Address 22952

Legal Description: 8.63 ACRES Section 32 TWP 140 Range 43

Lake Name _____ Lake Classification () RD () GD () NE Township Name Cuba

Owner's Name John V. Dougherty Mailing Address 22952 130th Ave N.

City Lake Park, MN State/Zip 56554 Phone Number _____

Number of Bedrooms 4 Well Casing Depth 750' Garbage Disposal (Yes) (No)

Design Flow 600 GPD Depth of other Wells within _____ Grinder Pump/Lift Station

(dwellings must be classified as Type 1) 100 ft of system NONE In House (Yes) (No)

Type of Observation: Probe Pit Boring Proposed Design

Original Soil (Yes) (No) Compacted Soil (Yes) (No) Type of Drainfield

Depth to Restricting Layer 75' () Replace Septic Tank (X) Chamber- H10, EQ36 other _____

Maximum Depth of System 2' (X) Septic Tank/Drainfield () Standard rock- depth _____

Perc Rate 20 Soil Sizing Factor 1167 () Drainfield Only () Standard gravelless _____

() Holding Tank () Mound () Standard Bed _____

() Lift Station () Pressurized Bed () At Grade _____

SOIL BORING LOG

DEPTH (INCHES)	TEXTURE	COLOR & MUNSELL NO.	STRUCTURE
0-11	SANDY LOAM	10YR2/1 BLACK	BLOCKY PLATY PRISMATIC <u>(NONE)</u>
11-23	CLAY LOAM	10YR4/3 BROWN	BLOCKY PLATY PRISMATIC <u>(NONE)</u>
23-60	CLAY LOAM	10YR 6/3 P.BRN	BLOCKY PLATY PRISMATIC <u>(NONE)</u>
			BLOCKY PLATY PRISMATIC <u>(NONE)</u>

SOIL BORING LOG

DEPTH (INCHES)	TEXTURE	COLOR & MUNSELL NO.	STRUCTURE
0-16	SANDY LOAM	10YR2/1 BLACK	BLOCKY PLATY PRISMATIC <u>(NONE)</u>
16-20	CLAY LOAM	10YR4/3 BROWN	BLOCKY PLATY PRISMATIC <u>(NONE)</u>
20-60	LOAM	10YR 6/2 B. GRAY	BLOCKY PLATY PRISMATIC <u>(NONE)</u>
			BLOCKY PLATY PRISMATIC <u>(NONE)</u>

Type of alarm Device on lift Station or Holding tank

Attach perc test Information if Required

I hereby certify that I have completed this work in accordance with applicable ordinances, rules and laws.

Name and Address of Designer GRANT CHM, ANDU BOH, MN Phone 1139-6428

MPCA Number 932 Date of Site Evaluation 5-25-02 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 5/31/02 Application Fee 75⁰⁰ Fine 0 Total 75⁰⁰

[] Application is hereby denied
[X] Application is hereby granted to John V. Dougherty/H. Russell Larson 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 Young

Signature of Becker County Qualified Employee [Signature] Date Permit Issued 6/3/02 Permit Number 17574

This permit expires on 6/3/03

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

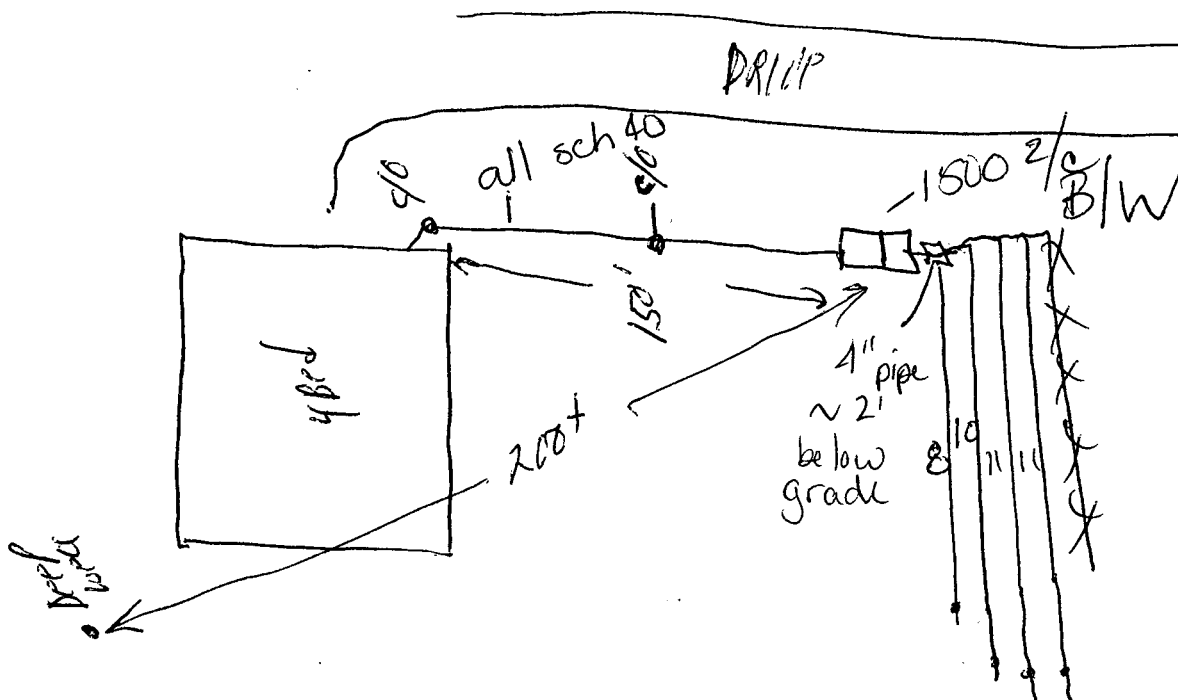
- *Dimensions of Lot
- *Existing & Proposed Buildings
- *Well & Water Line Locations
- *Distance from Property Lines within 100 ft of System
- *Distance from OHWM

- *Easements & setbacks
- *Tank Access Route
- *Distance from buildings

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



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40 total
EQ-36
Chambers

	Tank (estimated)	Tank* (actual)*	Drainfield (estimated)	Drainfield* (actual)*
Distances to Well	200'	200' + 50'	200'	+50'
Distance to Building	150'	+10'	165'	+20'
Distance to Property Line	210'	+10'	210'	+10'
Distance to Pressure Line		NA		NA
Distance to Ordinary High Water		NA		NA

*For office use only
Tank size 1500-2/c B/W
Lift station size _____
Drainfield size 1250 sq ft.
Pump HP _____
Date Installed 6/5/02

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CERTIFICATE OF COMPLIANCE

() Certificate Is Hereby Denied

(X) 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.

Signature Vincent Young Title Zoning Inspector Date 6/6/02
(Certificate of Compliance is not valid unless signed by a Registered Qualified Employee)