160199001

ptic System Application

PARCEL	
APP	SEPTIC
YEAR	
SCANNED	
LAKE	

Becker County Planning & Zoning
915 Lake Ave, Detroit Lakes, MN 56501
Phone (218)-846-7314; Fax (218)-846-7266

RECEIVED
SEP 08 2014
Zoning

1. PROPERTY DATA (as it appears on the tax statement, purchase agreement or deed)
Parcel Number(s) of property where the system will be installed: 16019900 1

Is this a split of an existing property? Yes (No)
(If yes and a parcel number has not yet been assigned, indicate the main parcel number from which the new parcel was split.)

Section 30 Township 140 Range 040 Township Name Holmesville

Lake Name Lake Melissa Lake Classification _____

Legal Description: 332 Ft E & W By 378 . . .

Project Address: 25555 Co Hwy 32 Detroit Lakes

2. PROPERTY OWNER INFORMATION (as it appears on the tax statement, purchase agreement or deed)
Owner's First Name Kenny Owner's Last Name Haspel

Mailing Address 25555 Co Hwy 32 City, State, Zip Detroit Lakes Mn

Phone Number 218-847-2220

3. DESIGNER/INSTALLER INFORMATION
Designer Name Richard Company Name Vareberg Backhoe License # 1910

Address 22344 Co Rd 104 Phone Number 218-847-7372

Installer Name Same Company Name _____ License # _____

Address _____ Phone Number _____

4. SYSTEM DESIGN INFORMATION

System Status

_____ Vacant Lot-No existing system-new structure
_____ Replacement – structure removed and being rebuilt
X Failing –Replacement- cesspool/seepage pit or other
_____ Enlargement of system-Undersized
_____ Repairs Needed to existing
_____ Additional system on property

What will new system serve? Check one

X Dwelling
_____ Resort/Commercial
_____ Commercial (Non-resort)
_____ Other – explain below

9-8-14 Date of site evaluation

Design Flow 450 Gallons Per Day
Number of Bedrooms 3
Garbage Disposal ___ Yes X No
Dishwasher ___ Yes X No
Lift station in House ___ Yes X No
Grinder pump in House ___ Yes X No

Well Depth >50
Depth of other wells within 100 ft of system yon

Original Soil X Compacted Soil ___
Type of Soil Observation
___ Pit ___ Probe X Boring
Depth to Restricting Layer >24"
Maximum Depth of System + 12"

Size of All Tanks to be installed
_____ gal Single Compartment Septic Tank
_____ gal Compartmented Tank
_____ Pit Privy
X gal Separate Lift Station
_____ gal Holding Tank
_____ Existing Tank to be used
_____ Existing tank w/new Additional Tank
_____ Existing tank w/new Lift Station
_____ Holding Tank with Privy

Total Number of tanks to be installed in this system 1 (This # will be reported to MPCA at end of year.)

PARCEL	
APP	SEPTIC
YEAR	

Type of Drainfield	Full Size of Drainfield	Reduced/Warrantied size
____ Chamber Trench	_____ sq ft	_____ sq ft
____ Rock Trench	_____ sq ft	_____ sq ft
____ Gravelless	_____ sq ft	_____ sq ft
X Mound	375 sq ft ***	
____ Pressure Bed	_____ sq ft ***	
____ Seepage Bed	_____ sq ft ***	
____ At-grade	_____ sq ft ***	
____ Alternative / Performance	_____ sq ft ***	***Attach Worksheets

Type of chamber _____
Depth of Rock _____

Alarm? Yes X No _____
Type of Alarm SJ Electro
Size of Lift Pump 1/2 Hp
Size of Lift Line 2"

PROPOSED SETBACKS

	TANK	DRAINFIELD
Distance to Well	>50'	>50'
Distance to Building	>10'	>20'
Distance to Property Line	>10'	>10'
Distance to OHW of Lake	>1000'	>1000'
Distance to Pressure Line	>20'	>20'
Distance to Wetland/Protected Water	>100'	>100'

Perc Rate _____ Soil Sizing Factor 2.00 *If SSF other than .83, attach Perc Test Data

Soil Borings (three are required)

Depth	Texture	Color	Structure		Depth	Texture	Color	Structure
1-10	Top Soil	10YR 2/1	Blocky		1-11	Top Soil	10YR 2/1	Blocky
10-24	Clay Loam	10YR 5/4	Blocky		11-24	Clay Loam	10YR 5/4	Blocky

Depth	Texture	Color	Structure		Depth	Texture	Color	Structure

5. REQUIRED DOCUMENTS

U of MN worksheets are required for mounds, pressure beds, seepage beds, at-grades or Type IV or Type V systems. Are the required worksheets attached? _____ Yes _____ No

6. DESIGNER'S CERTIFIED STATEMENT

I, Richard Vareberg certify that I have completed the preceding design work in accordance with all applicable requirements (including, but not limited to Minnesota Chapter 7080 and the Becker County Individual Sewage Treatment System Ordinance).

(Print Name of Designer)

Signature of Designer

9-8-14
Date

MOUND DESIGN WORKSHEET

(For Flows up to 1200 gpd)

A. FLOW

Estimated 450 gpd

or measured _____ x 1.5 = _____ gpd.

Estimated Sewage Flows in Gallons per day (gpd)				
Number of Bedrooms	Class I	Class II	Class III	Class IV
2	300	225	180	60% of the values in Type I, II or III columns
3	450	300	218	
4	600	375	256	
5	750	450	294	
6	900	525	332	
7	1050	600	370	
8	1200	675	408	

B. SEPTIC TANK LIQUID VOLUMES

_____ gallons

Septic Tank Capacities (in gallons)			
Number of Bedrooms	Minimum Liquid Capacity	Liquid capacity with garbage disposal	Liquid capacity with disposal & lift inside
2 or less	750	1125	1500
3 or 4	1000	1500	2000
5 or 6	1500	2250	3000
7, 8 or 9	2000	3000	4000

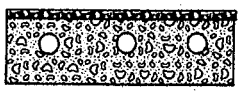
C. SOILS (refer to site evaluation)

1. Depth to restricting layer = 24 inches 2 feet
2. Depth of percolation tests = _____ inches
3. Texture Clay loam Percolation rate _____ mpi
4. Land slope 3 %

D. ROCK LAYER DIMENSIONS

Mound LLR	
Perc Rate	LLR
<120 MPI	≤ 12
>120 MPI	≤ 6

1. Multiply flow rate by 0.83 to obtain required area of rock layer: A x 0.83 =
   450 gpd x 0.83 sq. ft./gpd = 374 sq. ft.
2. Determine width of rock layer = 0.83 sq. ft./gpd x Linear Loading Rate (LLR)
   0.83 sq. ft/gpd x 12 = 10 ft
3. Length of rock layer = area ÷ width =
   375 sq. ft. ÷ 10 ft. = 37.5 ft.



Width 10 ft

<120mpi <10'

>120mpi <5'

Length 38 ft

E. ROCK VOLUME

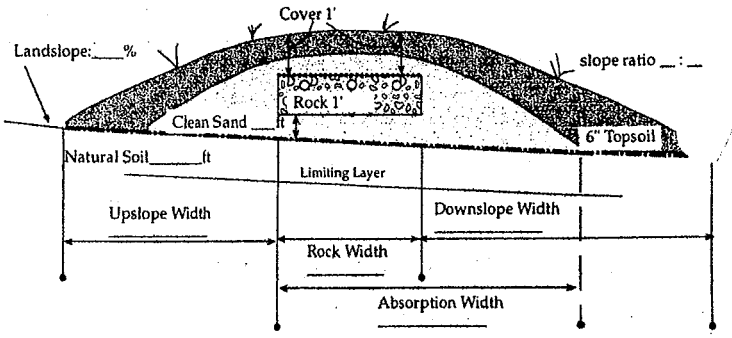
1. Multiply rock area by rock depth to get cubic feet of rock; 375 sq. ft. x 1 ft. =
   375 cu. ft.
2. Divide cu. ft. by 27 cu. ft./cu. yd. to get cubic yards;
   375 cu. ft. ÷ 27 = 14 cu. yd.
3. Multiply cubic yards by 1.4 to get weight of rock in tons; ____ cu. yd. x 1.4 ton/

F. ABSORPTION WIDTH

1. Percolation rate in top 12 inches of soil is 47 mpi
   Texture Clay Loam
2. Select allowable soil loading rate from table;
   .45 gpd/ft²
3. Calculate absorption width ratio by dividing rock layer loading rate of 1.20 gpd/ft² by allowable soil loading rate;
   1.20 gpd/ft² ÷ .45 gpd/ft² = 2.6 .
4. Multiply absorption width ratio by rock layer width to get required absorption width;
   10 x 2.6 ft = 26 ft

Absorption Width Sizing Table			
Percolation Rate in Minutes per Inch (MPI)	Soil Texture	Gallons per day per square foot	Ratio of Absorption width to Rock Layer Width
Faster than 0.1	Coarse Sand	1.20	1.00
0.1 to 5	Medium Sand	1.20	1.00
	Loamy Sand		
0.1 to 5	Fine Sand	0.60	2.00
6 to 15	Sandy Loam	0.79	1.52
16 to 30	Loam	0.60	2.00
31 to 45	Silt Loam	0.50	2.40
	Silt		
46 to 60	Clay Loam(CL)	0.45	2.67
	Silty CL		
	Sandy CL		
60 to 120	Clay	0.24	5.00
Slower than 120	Clay	0.20	6.00

G. MOUND SLOPE WIDTH & LENGTH
(landslope 1% or more)

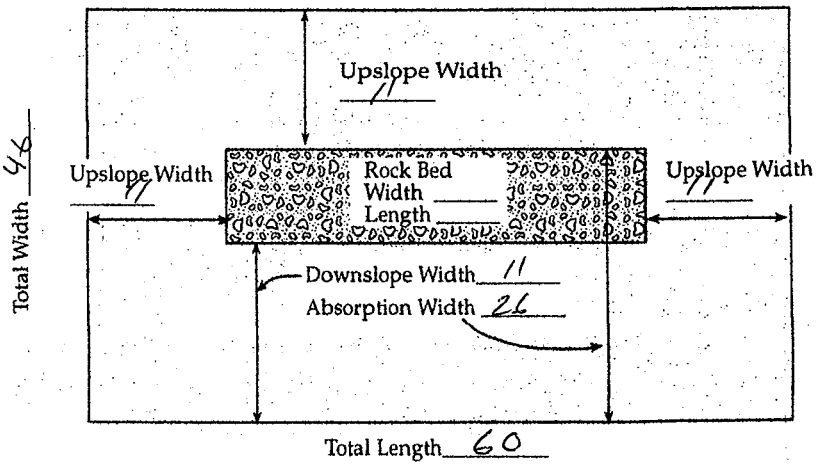


1. Subtract rock layer width from absorption width to obtain minimum downslope width
 26 ft - 10 ft = 16 **feet**
2. Calculate minimum mound size
a. Determine depth of clean sand fill at upslope edge of rock layer:
Separation 3' - 2 ft = 1 **feet**
b. Add depth of clean sand for separation (2a) at upslope edge, depth of rock layer (1 foot) to depth of cover (1 foot) to find the mound height at the upslope edge of rock layer;
 1 ft + 1ft + 1ft = 3 **feet**
c. Enter table with landslope and upslope ratio. Select berm multiplier of 2.75.
d. Multiply berm multiplier by upslope mound height to find upslope width:
 3 x 2.75 = 24.75 **feet**
e. Multiply rock layer width by landslope to determine drop in elevation;
 16 x 3 % ÷ 100 = .3 **feet**
f. Add depth of clean sand for slope difference (2e) at downslope rock edge, to the mound height at the upslope edge of rock layer (2b) to find the downslope mound height;
 3 ft + .3 ft = 3.3 **feet**

SLOPE MULTIPLIER TABLE

Land Slope, in %	UPSLOPE multipliers for various slope ratios						DOWNSLOPE multipliers for various slope ratios				
	3:1	4:1	5:1	6:1	7:1	8:1	3:1	4:1	5:1	6:1	7:1
0	3.0	4.0	5.0	6.0	7.0	8.0	3.0	4.0	5.0	6.0	7.0
1	2.91	3.85	4.76	5.66	6.54	7.41	3.09	4.17	5.26	6.38	7.53
2	2.83	3.70	4.54	5.36	6.14	6.90	3.19	4.35	5.56	6.82	8.14
3	2.75	3.57	4.35	5.08	5.79	6.45	3.30	4.54	5.88	7.32	8.86
4	2.68	3.45	4.17	4.84	5.46	6.06	3.41	4.76	6.25	7.89	9.72
5	2.61	3.33	4.00	4.62	5.19	5.71	3.53	5.00	6.67	8.57	10.77
6	2.54	3.23	3.85	4.41	4.93	5.41	3.66	5.26	7.14	9.38	12.07
7	2.48	3.12	3.70	4.23	4.70	5.13	3.80	5.56	7.69	10.34	13.73
8	2.42	3.03	3.57	4.05	4.49	4.88	3.95	5.88	8.33	11.54	15.91
9	2.36	2.94	3.45	3.90	4.30	4.65	4.11	6.25	9.09	13.04	18.92
10	2.31	2.86	3.33	3.75	4.12	4.44	4.29	6.67	10.00	15.00	23."
11	2.26	2.78	3.23	3.61	3.95	4.26	4.48	7.14	11.11	17.65	30.
12	2.21	2.70	3.12	3.49	3.80	4.08	4.69	7.69	12.50	21.43	43.75

g. Enter table with landslope and downslope ratio. Select downslope multiplier of 3.3.
h. Multiply downslope multiplier by downslope mound height to get downslope width:
 3.3 x 3.3 = 11 **feet**
i. Compare the values of step G.1 16 and Step G.2h 11
Select the greater of the two values as the downslope width: 11 **feet**
j. Total mound width is the sum of upslope (G.2d) width plus rock layer width (D.2) plus downslope width(G.2i);
 24.75 ft + 10 ft + 10 ft = 46 **feet**
k. Total mound length is the sum of upslope width (G.2d) plus rock layer length (D.3) plus upslope width (G.2d);
 11 ft + 38.5 ft + 11 ft = 60 **feet**

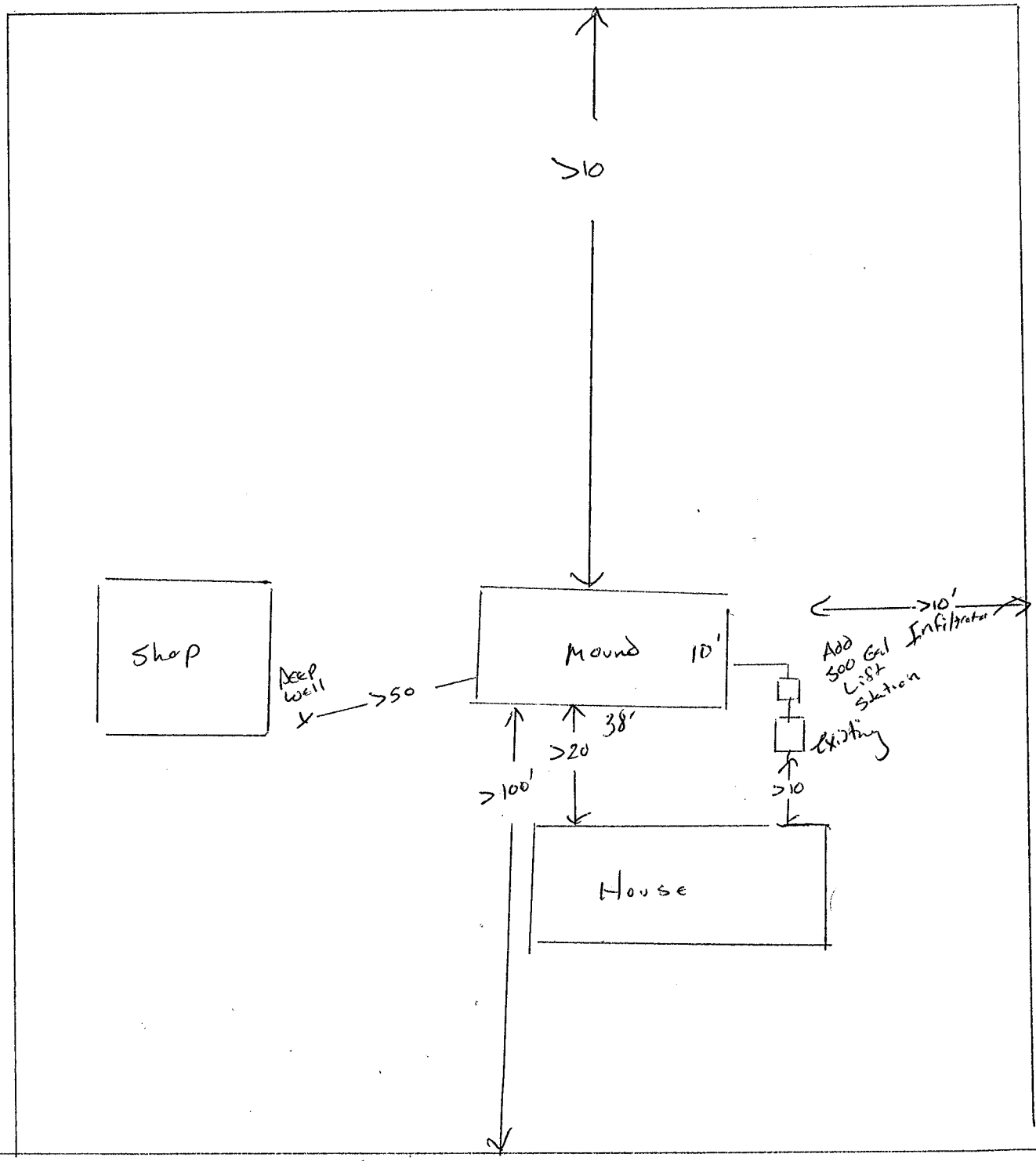


Final Dimensions:
60 x 46

SKETCH OF PROPERTY

Please sketch all structures and septic systems on the property;
Include setbacks and wells within 100 feet of the property.

PARCEL	
APP	SEPTIC INSPECTION
YEAR	



mailed COC 9-19-14

APT	SEPTIC
YEAR	

** FOR OFFICE USE ONLY **

Application Approved by: Debi Moltzer Date: 9-10-14
Amount Paid 150 Receipt Number 0158223 Permit Number
NOTES: 570715

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INSPECTION REPORT

Home Information

Does the structure contain any of the following elements?

Garbage disposer ___ Yes ✓ No Dishwasher ✓ Yes ___ No
Grinder pump ___ Yes ✓ No Lift pump in basement ___ Yes ✓ No
Effluent screen installed? ___ Yes ✓ No Effluent screen manufacturer ___

Alarm required? ✓ Yes ___ No Alarm Type SJ electric Alarm manufacturer ___

Lift pump in system? ✓ Yes ___ No Pump manufacturer ___

Number of bedrooms 3

Component Information

Tank size existing + 525 added Tank manufacturer Infiltrator

Drainfield size 375 sq.ft.
Drainfield medium ___ Medium manufacturer 10' x 38' mound
Drainfield medium size/depth ___

Soil Verification

Vertical separation verified for Boring #1 on ___ Depth +36"

Vertical separation verified for Boring #2 on ___ Depth ___

Vertical separation verified for Boring #3 on ___ Depth ___

Setback Verification

	TANK	DRAINFIELD
Distance to Well	+50'	+50'
Distance to Building	+10	+20'
Distance to Property Line	+10'	+10'
Distance to OHW of Lake	+1000'	+1000'
Distance to Pressure Line	+20'	+20'
Distance to Wetland/Protected Water	+100'	+100'

Date System Installed 9/16/14 **Installer** Vorrberg Exc. **Inspector** [signature]

****
****

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] ISTS Inspector 9/16/14
Signature Title Date

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

16.0199.001

Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

For local tracking purposes:

RECEIVED
AUG 07 2014
ZONING

System Status

System status on date (mm/dd/yyyy): 8/5/2014

☐ **Compliant – Certificate of Compliance**
(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

☒ **Noncompliant – Notice of Noncompliance**
(See Upgrade Requirements on page 3.)

Resolved 9-16-14

Reason(s) for noncompliance *(check all applicable)*

- ☐ Impact on Public Health *(Compliance Component #1) – Imminent threat to public health and safety*
- ☐ Other Compliance Conditions *(Compliance Component #3) – Imminent threat to public health and safety*
- ☒ Tank Integrity *(Compliance Component #2) – Failing to protect groundwater*
- ☐ Other Compliance Conditions *(Compliance Component #3) – Failing to protect groundwater*
- ☒ Soil Separation *(Compliance Component #4) – Failing to protect groundwater*
- ☐ Operating permit/monitoring plan requirements *(Compliance Component #5) – Noncompliant*

Property Information

Parcel ID# or Sec/Twp/Range: 12-7983-20

Property address: 25555 Cty Hwy 32, Detroit Lakes MN 56501
Reason for inspection: Sale

Property owner: Kenneth Haspel
Owner's phone:

or

Owner's representative:
Representative phone:

Local regulatory authority: Becker County
Regulatory authority phone: 218-846-7314

Brief system description: 1000 gal concrete tank, 1000 gal seepage pit to 375sq.ft. of drainfield

Comments or recommendations:

Seepage pit is non-compliant and drainfield seperation is under 24" required.

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

Inspector name: Phil Stoll
Certification number: 7526

Business name: Stoll Inspections
License number: 2982

Inspector signature: Phil Stoll
Phone number: 218-839-1849

Necessary or Locally Required Attachments

☒ Soil boring logs ☒ System/As-built drawing ☐ Forms per local ordinance

☐ Other information (list):

Property address: 25555 Cty Hwy 32, Detroit Lakes MN 56501 Inspector initials/Date: PJS | 8/5/2014 (mm/dd/yyyy)

1. Impact on Public Health – Compliance component #1 of 5

Compliance criteria:

System discharges sewage to the ground surface.	☐ Yes ☒ No
System discharges sewage to drain tile or surface waters.	☐ Yes ☒ No
System causes sewage backup into dwelling or establishment.	☐ Yes ☒ No

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Comments/Explanation:

Verification method(s):

- ☒ Searched for surface outlet
- ☒ Searched for seeping in yard/backup in home
- ☐ Excessive ponding in soil system/D-boxes
- ☐ Homeowner testimony *(See Comments/Explanation)*
- ☐ "Black soil" above soil dispersal system
- ☐ System requires "emergency" pumping
- ☐ Performed dye test
- ☐ Unable to verify *(See Comments/Explanation)*
- ☐ Other methods not listed *(See Comments/Explanation)*

2. Tank Integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, or leaching pit. *Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.*	☒ Yes ☐ No
Sewage tank(s) leak below their designed operating depth.	☒ Yes ☐ No
If yes, which sewage tank(s) leaks:	second one has no bottom.

Any "yes" answer above indicates the system is failing to protect groundwater.

Comments/Explanation:

second tank is a seepage pit

Verification method(s):

- ☒ Probed tank(s) bottom
- ☒ Examined construction records
- ☐ Examined Tank Integrity Form *(Attach)*
- ☐ Observed liquid level below operating depth
- ☐ Examined empty (pumped) tanks(s)
- ☒ Probed outside tank(s) for "black soil"
- ☐ Unable to verify *(See Comments/Explanation)*
- ☐ Other methods not listed *(See Comments/Explanation)*

3. Other Compliance Conditions – Compliance component #3 of 5

a. Maintenance hole covers are damaged, cracked, unsecured, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unknown

b. Other issues *(electrical hazards, etc.)* to immediately and adversely impact public health or safety. ☐ Yes* ☒ No ☐ Unknown
System is an imminent threat to public health and safety.

Explain:

c. System is non-protective of ground water for other conditions as determined by inspector . ☒ Yes* ☐ No
System is failing to protect groundwater.

Explain:

Seepage pit and drainfield seperation is under 24" requirement.

Property address: 25555 Cty Hwy 32, Detroit Lakes MN 56501 Inspector initials/Date: PJS | 8/5/2014 (mm/dd/yyyy)

4. Soil Separation – Compliance component #4 of 5

Date of installation: 10/1/1978 (mm/dd/yyyy) ☐ Unknown

Shoreland/Wellhead protection/Food beverage lodging? ☐ Yes ☒ No

Compliance criteria:

For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment: Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☒ No
Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment: Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	☐ Yes ☐ No
"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080. 2350 or 7080.2400 (Advanced Inspector License required) Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No

Any "no" answer above indicates the system is failing to protect groundwater.

Verification method(s):

Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.

☒ Conducted soil observation(s) *(Attach boring logs)*
☐ Two previous verifications (Attach boring logs)
☐ Not applicable *(Holding tank(s), no drainfield)*
☐ Unable to verify *(See Comments/Explanation)*
☐ Other *(See Comments/Explanation)*

Comments/Explanation:

Heavy redox and mottling at 22"

Indicate depths or elevations

A. Bottom of distribution media	20"
B. Periodically saturated soil/bedrock	22"
C. System separation	2"
D. Required compliance separation*	24"

*May be reduced up to 15 percent if allowed by Local Ordinance.

5. Operating Permit and Nitrogen BMP* – Compliance component #5 of 5 ☒ Not applicable

Is the system operated under an Operating Permit? ☐ Yes ☒ No **If "yes", A below is required**

Is the system required to employ a Nitrogen BMP? ☐ Yes ☒ No **If "yes", B below is required**

BMP = Best Management Practice(s) specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

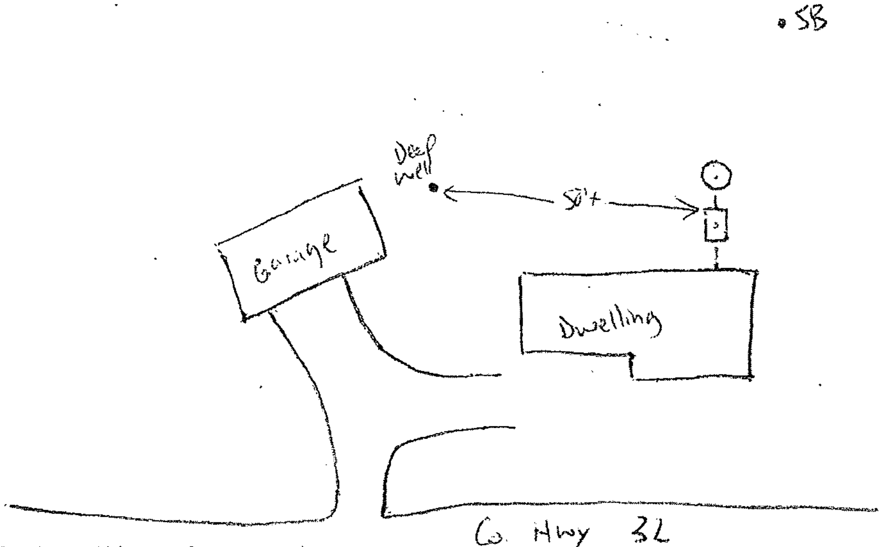
Compliance criteria

a. Operating Permit number: _____ Have the Operating Permit requirements been met?	☐ Yes ☐ No
b. Is the required nitrogen BMP in place and properly functioning?	☐ Yes ☐ No

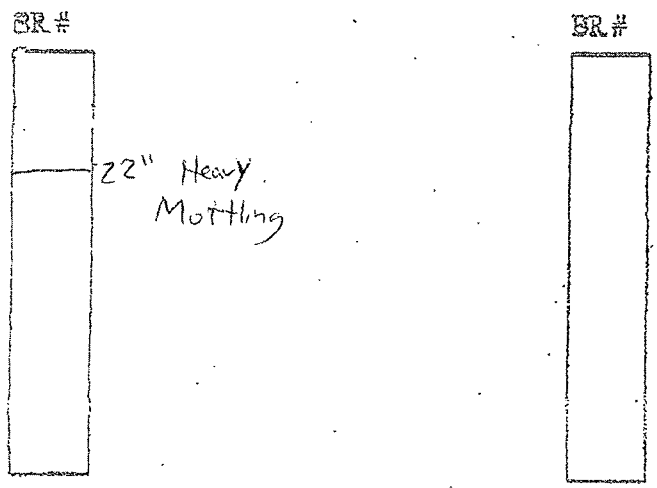
Any "no" answer indicates Noncompliance.

Upgrade Requirements *(Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.*

Name: Ken Haspel Re Code: 12798320



Soil Borings (BR #): Locate each boring on the map above, indicate on the right of the column the soil texture, structure, color, depth of each different soil type, evidence of mottling, bedrock and standing water. Also indicate if the material is fill.



RECORD DEPTH OF MOTTLING, SEASONAL HIGH WATER (AS DETERMINED USING THE MUNSELL COLOR BOOK) OR BEDROCK ON ABOVE LINES

Comments: Septic is non-compliant - seepage pit

What needs to be completed to bring the above system into compliance if found not in compliance? __________

mel p\sitsforg_davlbishap1.doc's 6/18/97

CERTIFICATE OF COMPLIANCE
SEWAGE SYSTEM

This certificate has been issued this 16 *day of* OCTOBER *19* 73,

to certify compliance with regulations of Zoning Ordinance, Becker County, Minnesota.

The premises covered by this certificate are legally described as 2½ ACRES IN NW COR SW¼

Lake No. _____ *Sec.* 30 *Twp.* 140 *Range* 40 *Twp. Name* HOVESVILLE

New sewer system has 1000 gal. septic tank, 70 ft. from nearest well, 12 ft. from occupied building, over 10 ft. from property line, seepage pit is 1000 gal., 80 ft. from nearest well, 35 ft. from occupied building, over 10 ft. from property line, and over 4 ft. from bottom to water table, drain field is 40 L. Ft., 90 ft. from nearest well, 60 ft. from occupied building, over 10 ft. from property line, and over 4 ft. from bottom to water table.

Owner: *Name* KENNETH HASPEL

R.R. 2 BOX 128

Address DETROIT LAKES, MN. 56501

Zip No. _____

Permit No. SP 12-7983-20

Signed by: Floyd Swanby

Zoning Administrator
Becker County, Minnesota

White – Office
Yellow – Owner
Pink – Assessor
Goldenrod – Inspector

BECKER COUNTY ZONING ADMINISTRATION

COUNTY COURT HOUSE — Phone 218-847-3938—Detroit Lakes, Minn. 56501 Date 6-19-78

APPLICATION FOR BUILDING OR SEWAGE PERMIT AND CERTIFICATE OF OCCUPANCY 12-7983-20

LEGAL DESCRIPTION AND LOCATION

2 1/2 Ac. in the SW COR. of SW 1/4

Lake No.	Lake Name	Lake Classif.	Sec.	TWP	Range	TWP Name
—	—	—	30	140	40	Holmesville

IDENTIFICATION: Please Print All Information

	Last Name	First	Initial	Mailing Address– No. Street, City and State	Zip No.	Tel. No.
Owner	HASPEL, KENNETH.			Rt. 2 B-128 Detroit Lakes,		
Contractor	Name					

TYPE OF IMPROVEMENT:
(X) New Building ( ) Alteration
Other

RESIDENTIAL PROPOSED USE:
(X) One Family Dwelling
( ) Multiple Dwelling ____ Units

NON–RESIDENTIAL PROPOSED USE:
Specify: Att. Gar.
Size: 24 X 30 = 720

ESTIMATED COST OF IMPROVEMENT $ 34,000 Construction Starting Date:

PRINCIPAL TYPE OF FRAME:
( ) Masonry
(X) Wood Frame
( ) Structural Steel
( ) Other – Specify

Type of Roof:

TYPE OF SEWAGE DISPOSAL:
( ) Public
( ) Individual Septic Tank, etc.

WATER SUPPLY:
( ) Public
( ) Individual Well

MECHANICAL EQUIPMENT :
Elevator: ( ) Yes ( ) No
Air Conditioning: ( ) Yes ( ) No
( ) Central ( ) Unit

DIMENSIONS:
Basement: (X) Yes ( ) No
Stories above basement: 1
Sq. feet (outside dimension) 24x40 (1040
Bedrooms 3 Baths 1

HEATING:
( ) Electric ( ) Gas ( ) Oil
( ) Coal ( ) None
Other:

SEWAGE DISPOSAL SYSTEM DATA:	SEPTIC TANK	SEEPAGE PIT	DRAIN FIELD
Capacity	1000 Gls.	375 Sq. Ft.	Sq. Ft.
Distance from nearest well	60 to 70 Ft.	+75 Ft.	Ft.
Distance from lake or stream	— Ft.	— Ft.	Ft.
Distance from occupied building	20 Ft.	30 Ft.	Ft.
Distance from property line	65 Ft.	65 Ft.	Ft.
Distance from bottom to Water Table	— Ft.	4 Ft.	Ft.

All distances are shortest distance between nearest points

CHARACTERISTICS:

Lot Area is 2 1/2 Ac. square feet. Water frontage is — feet.

Building set back from high water mark is — feet. (Building Line)

Land height above high water mark at building line is — feet

Building set back from State highway is ____ feet – from road or street is 110 feet.

Side yard is 70 and +70 feet. Rear yard is ____ feet.

Building will be located 30 feet from septic tank (Sewage System Permit must be obtained before installation).

Building will be located 20 feet from soil absorption system (Cesspool, Drainfield, etc.).

Agreement: I hereby certify that the information contained herein is correct and agree to do the proposed work in accordance with the description above set forth and according to the provisions of the ordinances of Becker County, Minnesota. I further agree that any plans and specifications submitted herewith shall become a part of this permit application. I also understand that this permit is valid for a period of six (6) months. Applicant further agrees that no part of the sewage system shall be covered until it has been inspected and accepted. It shall be the responsibility of the applicant for the permit to notify the County Zoning Administrator, 48 hours before the job is ready for inspection.

Dated 6-19-78

Ken Haspel
Signature of Owner

Permit: Permission is hereby granted to the above named applicant to perform the work described in the above statement. This permit is granted upon the express condition that the person to whom it is granted, and his agent, employees and workmen shall conform in all respects to the ordinances of Becker County, Minnesota. This permit may be revoked at any time upon violation of said ordinances.

Dated 6-19-78

Floyd Swenby
Becker County Zoning Administrator

Permit Fee $ 39.00 State Surcharge $ .50

Comments:

INSPECTOR'S CHECK LIST

Make all measurements and computations

	ACTUAL IS ↓	MINIMUM Shall Be ↓ Sq. Ft.
Building Set Back from High Water Mark	Ft.	Ft.
Building Set Back from State Highway	Ft.	Ft.
Side Yard	& Ft.	& Ft.
Rear Yard	Ft.	Ft.
Elevation at Building Line above High Water Mark	Ft.	Ft.

SEWAGE DISPOSAL SYSTEM STATISTICS

CATEGORY	SEPTIC TANK Actual		SEPTIC TANK Should be		SEEPAGE PIT Actual		SEEPAGE PIT Should be		DRAIN FIELD Actual		DRAIN FIELD Should be	
Capacity	1006	Gls.		Gls.	1000 gal			SF	40	SF		SF
Distance from Nearest Well	90	F		F	80	F	75	F	90	F	50	F
Distance from Lake or Stream	—	F		F		F		F		F		F
Distance from Occupied Building	12	F	10	F	35	F	20	F	60	F	20	F
Distance from Property Line	+10	F	10	F	+10	F	10	F	+10	F	10	F
Distance from Bottom to Water Table	—	F	—	F	4	F	4	F	4	F	4	F

Inspector's Comments: Sey Installing, needs more Rock
On drainfield pipe. + straw (Will Call Bill)

INTERPRETATION OF ABBREVIATIONS
Gls — Gallons
SF — Square Feet
F — Linear Feet

Mark Kuehne
Inspector's Signature

Title

Inspection Dated 10-16 1978

Agency

GRID PLOT PLAN SKETCHING FORM

…d equals ____________ feet/inches.

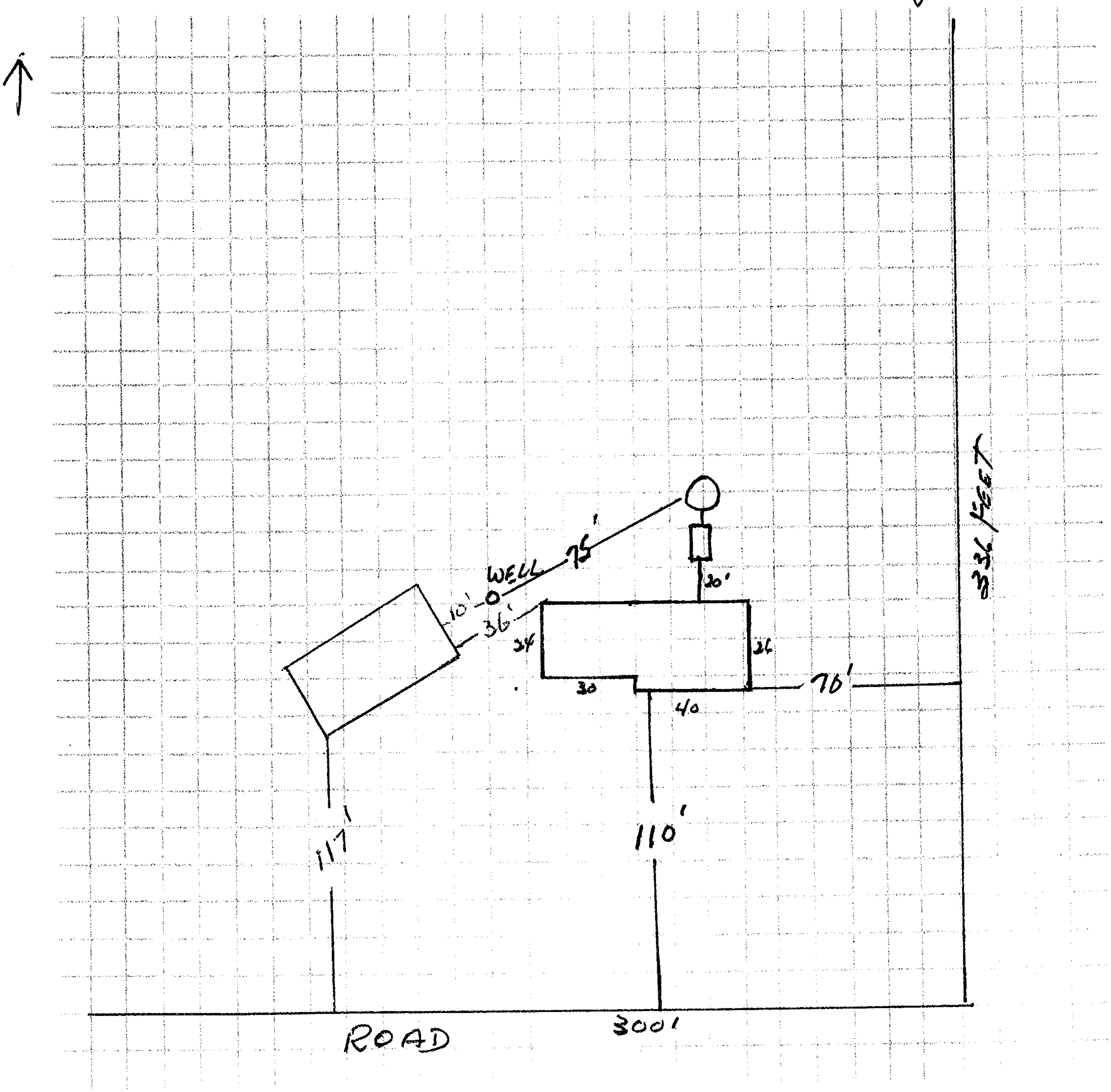
…for Building Permit Dated ________________ 19____

…ation for Sewage System Permit Dated ________________ 19____

…ilding Permit Number ____________________ Sewage System Permit Number ____________________

Applicant agrees that this plot plan is a part of application (s) indicated above.

Dated 6 - 15 1978. Ken Haspel, by Floyd [signature]
Signature



W — File
Y — Owner
B — Building Inspector