

Instructions: Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached supporting documentation – additional local requirements may also apply. Further information can be found here: <https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf>.

Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance.

Property information

Local tracking number: _____

Parcel ID# or Sec/Twp/Range: 2602721430023 Local regulatory authority: Washington County
Property address: 10880 Kingsborough Ct. Cottage Grove, Mn. 55016
Owner/representative: Samantha and Andrew Bergeson Owner's phone: 651-380-6523
Brief system description: 2 Precast Septic tanks to drainfield

System status

System status on date (mm/dd/yyyy): 6/29/2021

Compliant – Certificate of compliance*

(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

Noncompliant – Notice of noncompliance

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 or under section 145A.04 subdivision 8.

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

Reason(s) for noncompliance (check all applicable)

- Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- Soil separation (Compliance component #5) – *Failing to protect groundwater*
- Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

Comments or recommendations

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.

By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Business name: David R Brown Certification number: 9370
Inspector signature: DRB License number: 3649
(This document has been electronically signed) Phone: 651-788-3296

Necessary or locally required supporting documentation (must be attached)

- Soil observation logs
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- Other information (list): _____

1. Impact on public health – Compliance component #1 of 5

Compliance criteria:	
System discharges sewage to the ground surface	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
System discharges sewage to drain tile or surface waters.	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
System causes sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No

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

Describe verification methods and results:

Attached supporting documentation:

- Other: _____
- Not applicable

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:	
System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth?	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
If yes, which sewage tank(s) leaks:	

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

Describe verification methods and results:

Attached supporting documentation:

- Pumped at time of inspection
- Name of maintenance business: Pinky's
- License number of maintenance business: 1673
- Date of maintenance: 6/29/2021
- Existing tank integrity assessment (Attach)
- Date of maintenance (mm/dd/yyyy): _____ (must be within three years)
- (See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))
- Tank is Noncompliant (pumping not necessary – explain below)
- Other: _____

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

Yes* No Unknown

3b. Other issues (*electrical hazards, etc.*) to immediately and adversely impact public health or safety? Yes* No Unknown

**Yes to 3a or 3b - System is an imminent threat to public health and safety.*

3c. System is non-protective of ground water for other conditions as determined by inspector? Yes* No

3d. System not abandoned in accordance with Minn. R. 7080.2500? Yes* No

**Yes to 3c or 3d - System is failing to protect groundwater.*

Describe verification methods and results:

Attached supporting documentation: Not applicable _____

4. Operating permit and nitrogen BMP* – Compliance component #4 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 specified in the system design? 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. 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.

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach) _____

5. Soil separation – Compliance component #5 of 5

Date of installation 1994 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Compliance criteria (select one):

5a. 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: Yes No*

Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

5b. 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: Yes No*

Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*

5c. "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) Yes No*

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

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

Describe verification methods and results:

Attached supporting documentation:

- Soil observation logs completed for the report (Attach)
- Two previous verifications of required vertical separation (Attach)
- Not applicable (No soil treatment area)
- _____

Indicate depths or elevations

A. Bottom of distribution media	36"
B. Periodically saturated soil/bedrock	78"
C. System separation	42"
D. Required compliance separation*	24"

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

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.

10880 KINGSBOROUGH CT. COTTAGE GROVE, MN 55016

SOIL BORING LOG
 (SB1)
 0" - 42" = 10YR 3/3 MEDIUM FINE SAND
 42" - 78" = 10YR 3/4 MEDIUM SAND

WELL

EXISTING HOUSE

Possible Location OF TANKS

Possible TRENCH Configuration

(SB1)

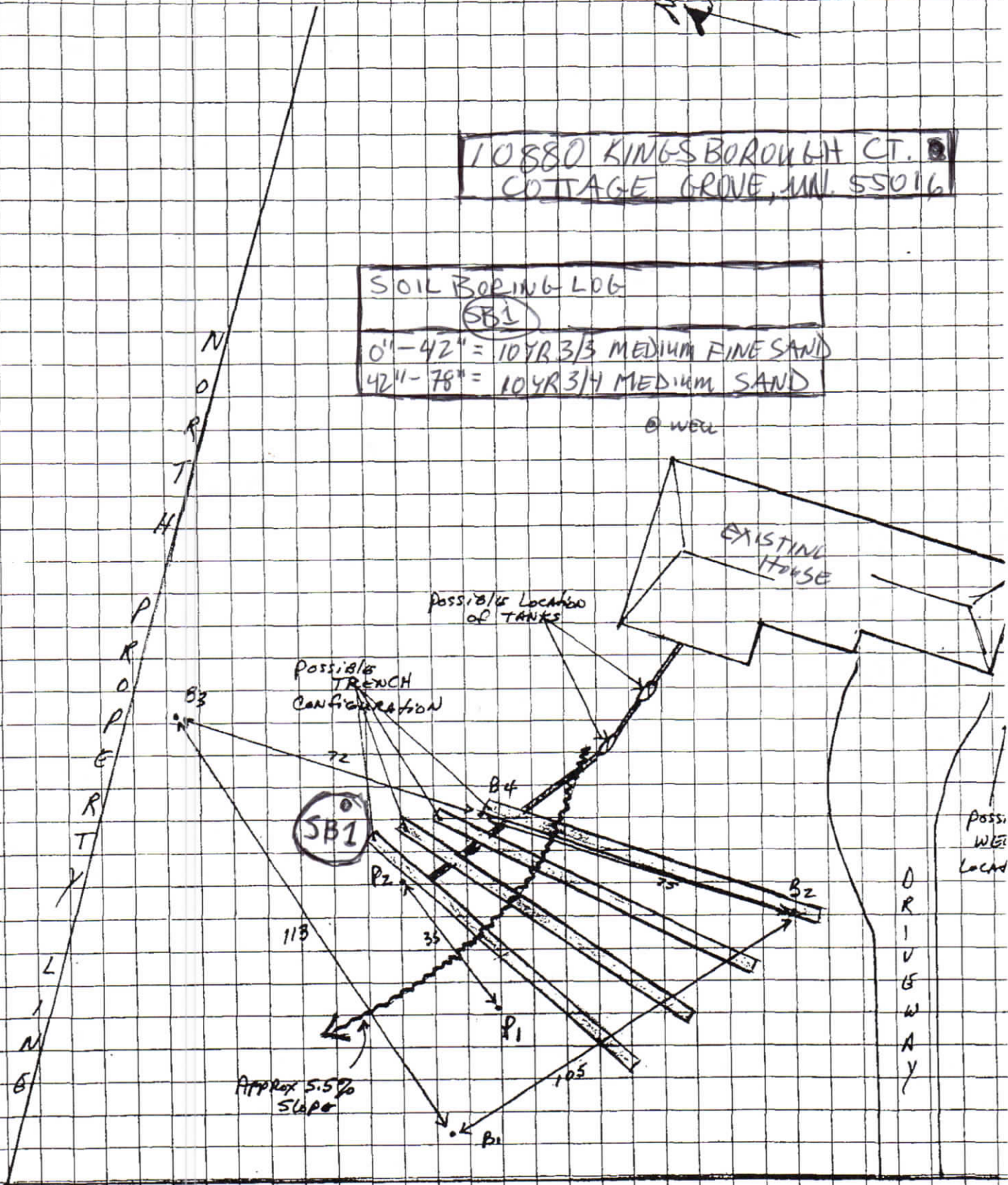
Possible Well Location

DRIVEWAY

Approx 5.5% Slope

KINGSBOROUGH COURT, RIGHT OF WAY

1" = ± 30'



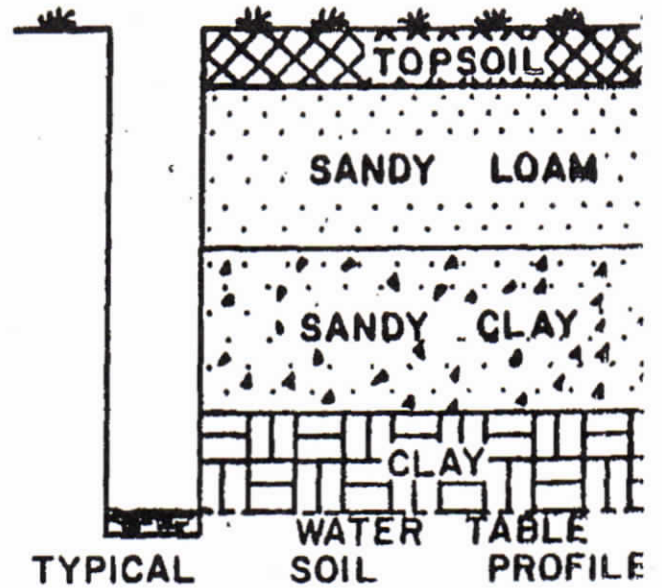
-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



LOG OF SOIL BORING

BORING NO. 1

Depth in Feet	Soil Description
—	—
1	—
2	DARK BROWN fine-medium LOAMY SAND
3	3' —————
4	BROWN fine-medium loamy SAND
5	4' —————
6	BROWN medium SAND
7	6' —————
7	Damp BROWN. medium SAND
8	8' —————

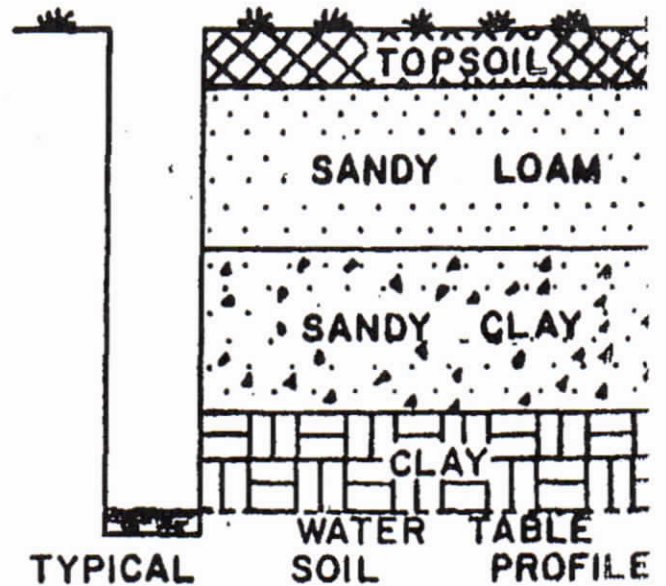
-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



LOG OF SOIL BORING

BORING NO. 2

Depth in Feet	Soil Description
1	DARK BROWN FINE-MEDIUM LOAMY SAND
2	BROWN FINE-MEDIUM LOAMY SAND
3	BROWN FINE-MEDIUM SAND
4	BROWN FINE SANDY LOAM
5	BROWN MEDIUM SAND
6	
7	
8	

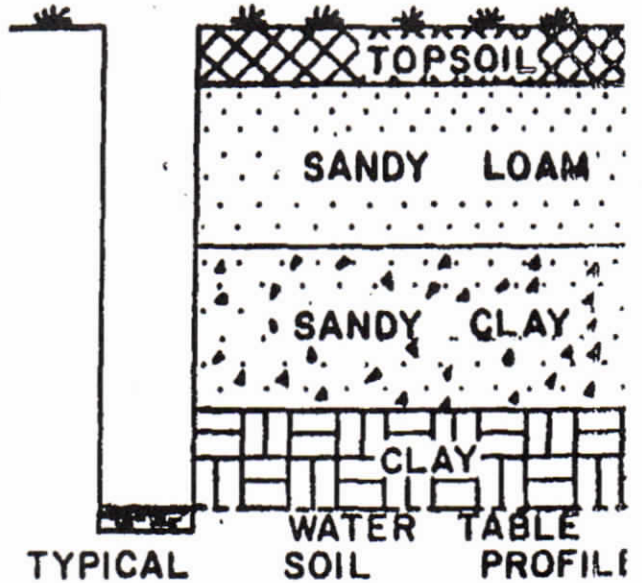
-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



LOG OF SOIL BORING

BORING NO. 3

Depth in Feet	Soil Description
—	—
1	—
2	BLACK fine-medium loamy SAND
3	—
4	—
5	4 ⁶ —————
6	—
7	BROWN medium SAND
8	8 ⁰ —————

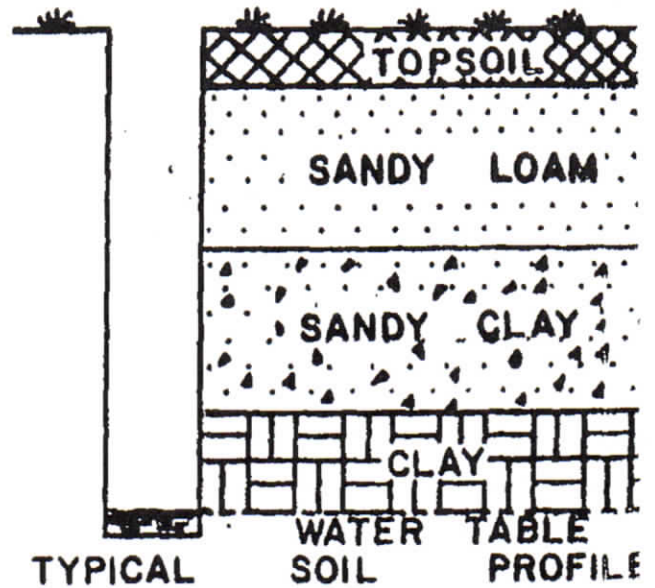
-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



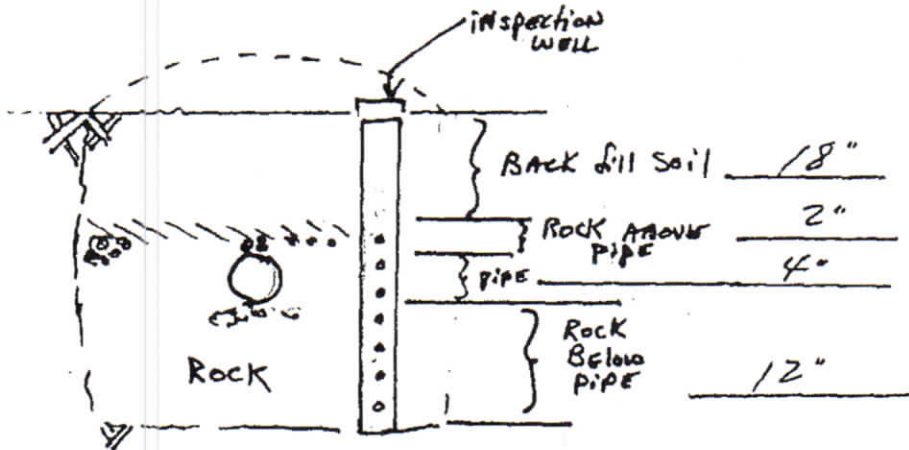
LOG OF SOIL BORING

BORING NO. 4

Depth in Feet	Soil Description
—	—
1	—
2	DARK BROWN fine-medium loamy SAND
3	3" —
4	4" BLACK fine-medium loamy SAND
5	5" DARK BROWN fine-medium loamy SAND
6	6" BROWN medium SAND
7	6" BROWN fine-medium SANDY loam
8	8" BROWN medium loamy SAND GRADING to ALL SAND

Proposed System Design based on P.C.A. Rules 6 MCAR §4.8040
Individual Sewage Treatment System Standards

Number of bedrooms 5 BEDROOMS
Tank size one ~~one~~ 1250 GALLON
1000 GALLON
Number of lines 4 Length of lines 80'
Spacing of lines 7.5' ON CENTER
Depth of trenches 36" Width of trenches 36"
Depth of rock below tile 12" Depth of rock above tile 2"
Depth of earth cover over rock 18"
Special conditions _____
Type of distribution box Drop Boxes



Trench must be flat along length and relatively level from end to end

\$ 27.80

TOTAL FEE COLLECTED
Double Fee Collected
Account Ordinance
Violation

CITY OF COTTAGE GROVE
DIVISION OF PLUMBING INSPECTION
CITY HALL

No 11139

PERMIT

Name of Owner or Occupant of Building: Ken & Debra Houch

Location of Structure: 10880 Kingsborough

Penalty for violation of any of the provisions of the Ordinance: _____

Check items wanted: Old New Concrete Frame Brick

Estimated Cost: \$ 4800.00

Structure used as: Single Family Dwelling
RESIDENTIAL **COMMERCIAL**

No. of full baths _____ No. of restrooms _____
No. of 3/4 baths _____ Misc. _____

No. of 1/2 baths _____
Rough-In _____ Fire Sprinkler System _____
Sewer/Water Connection _____ Lawn Sprinkler _____

Well _____
Septic & Drainfield 2

REMODEL (Specify Type)

DATE 5-31-94
PERMISSION IS HEREBY GRANTED

Name of Licensed Plumber Bill Peterson

to do the PLUMBING WORK specified in this Permit upon the express condition that said persons and his agents, employees and workmen, in such work done, shall conform in all respects to the Ordinances of the City of Cottage Grove, Minnesota.
This permit may be revoked at any time, upon the violation of any of the provisions of said Ordinances.

CITY OF
COTTAGE GROVE

Permit Written By M. A. Steile