

1/29/02

Water/Wastewater-ISTS4.31



Compliance Inspection Form for Existing Individual Sewage Treatment Systems

Minnesota Pollution Control Agency

Completion of this form fulfills the minimal requirements of Minn. Stat. § 115.55 (2001) and Minnesota R. ch. 7080 (1999). Please refer to local ordinances for other requirements or information, especially for compliance requirements for bedroom additions.

General:

Date of Inspection: 10-21-08 Reason for inspection: Property transfer
 Property Owner(s) GMAC Telephone () _____
 Person requesting inspection Joe Brennan Telephone (651) 241-0438
 Site Address 14565-28th St. No City Stillwater Zip Code 55082
 Fire No./ Parcel No. 210292012008 County Washington Township West Lakeland
 Legal Description _____
 Local Regulatory Authority Washington County
 Date system constructed 1991 System in Shoreland Area: yes no System in Wellhead Protection Area: yes no
 System serving a MDE licensed facility: yes no Local Permit # (if any) 98-69

Systems built prior to April 1, 1996 and not located in Shoreland or Wellhead Protection Area or Serving a Food, Beverage or Lodging Establishment	Systems located in Shoreland or Wellhead Protection Areas or Serving a Food, Beverage or Lodging Establishment, or systems Built after March 31, 1996
<p>Is the system an imminent threat to public health or safety? (a yes answer is an ITPHS system)</p> <ul style="list-style-type: none"> - Discharge of sewage to the ground surface? YES <input type="radio"/> NO <input checked="" type="radio"/> - Discharge of sewage to drain tile or surface waters? YES <input type="radio"/> NO <input checked="" type="radio"/> - Sewage backup into dwelling? YES <input type="radio"/> NO <input checked="" type="radio"/> - Situation with the potential to immediately and adversely impact or threaten public health or safety? YES <input type="radio"/> NO <input checked="" type="radio"/> <p>Is the system failing? (a yes answer is a failing system)</p> <ul style="list-style-type: none"> - Less than TWO feet of vertical separation between system bottom and saturated soil or bedrock? YES <input type="radio"/> NO <input checked="" type="radio"/> - A seepage pit, cesspool, drywell, or leaching pit? YES <input type="radio"/> NO <input checked="" type="radio"/> <p>Is the system non-compliant?</p> <ul style="list-style-type: none"> - Is the system regulated under a monitoring plan or operating permit? (if no, go to page 2) YES <input type="radio"/> NO <input checked="" type="radio"/> <li style="padding-left: 20px;">If yes, - Has the required monitoring taken place? YES <input type="radio"/> NO <input checked="" type="radio"/> (if no, the system is non-complying) - The monitoring indicate that the system meets performance expectations? YES <input type="radio"/> NO <input checked="" type="radio"/> (if no, the system is non-complying) 	<p>Is the system an imminent threat to public health or safety? (a yes answer is an ITPHS system)</p> <ul style="list-style-type: none"> - Discharge of sewage to the ground surface? YES <input type="radio"/> NO <input checked="" type="radio"/> - Discharge of sewage to drain tile or surface waters? YES <input type="radio"/> NO <input checked="" type="radio"/> - Sewage backup into dwelling? YES <input type="radio"/> NO <input checked="" type="radio"/> - Situation with the potential to immediately and adversely impact or threaten public health or safety? YES <input type="radio"/> NO <input checked="" type="radio"/> <p>Is the system failing? (a yes answer is a failing system)</p> <ul style="list-style-type: none"> - Less than THREE feet of vertical separation between system bottom and saturated soil or bedrock? YES <input type="radio"/> NO <input checked="" type="radio"/> - A seepage pit, cesspool, drywell, or leaching pit? YES <input type="radio"/> NO <input checked="" type="radio"/> <p>Is the system non-compliant?</p> <ul style="list-style-type: none"> - Is the system regulated under a monitoring plan or operating permit? (if no, go to page 2) YES <input type="radio"/> NO <input checked="" type="radio"/> <li style="padding-left: 20px;">If yes, - Has the required monitoring taken place? YES <input type="radio"/> NO <input checked="" type="radio"/> (if no, the system is non-complying) - The monitoring indicate that the system meets performance expectations? YES <input type="radio"/> NO <input checked="" type="radio"/> (if no, the system is non-complying)

Property Owner(s) G.M. [unclear] Fire No./ Parcel 2102980120008

System Components (Please describe the system components):

- (1) Water cast concrete septic tank, 1565 gallons, no manhole to grade
- (5) Drain field laterals

What methods were used to make the determinations for the compliance inspection? (Note: No standard protocol exists. The following list is not exhaustive, not in sequential order nor indicates which combinations are necessary to make a determination)

Watertight tank(s)

- Probed tank bottom
- Observed low liquid level
- Examined const. records
- Examined empty (pumped) tank
- Probed outside tank for "black soil"
- Pressure/vacuum check
- Other As above

Hydraulic Functioning

- Searched for surface outlet
- Performed hydraulic test
- Searched for seeping in yard
- Checked for back-up in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony
- Examined for surging in tank
- "Black soil" above soil system
- Other _____

Vertical Separation Distance

- Conducted soil borings
 - Depth to limiting layer 7.5'
 - Depth to system bottom 3.0'
- Examined records
- LGU Limiting Layer Verification
- Other _____

Status of the system

Based on the compliance criteria, the system status is: (check one) failing (to protect groundwater) an imminent threat to public health or safety (ITPHS), non-compliant (monitoring issue), compliant (non-of the 3 previous conditions). Is this system a EPA Class V Injection Well? yes no

Therefore, this document is a Certificate of Compliance Notice of Noncompliance

Certification

I hereby certify as a state of Minnesota licensed Inspector and/or Designer I or Qualified Employee Inspector and/or Qualified Employee Designer I that I conducted an investigation that accurately determined the compliance status of this system and that my recorded observations are accurate as of this date. No determination of future hydraulic performance has been nor can be made due to unknown conditions during system construction, abuse of the system, inadequate maintenance, or future water usage.

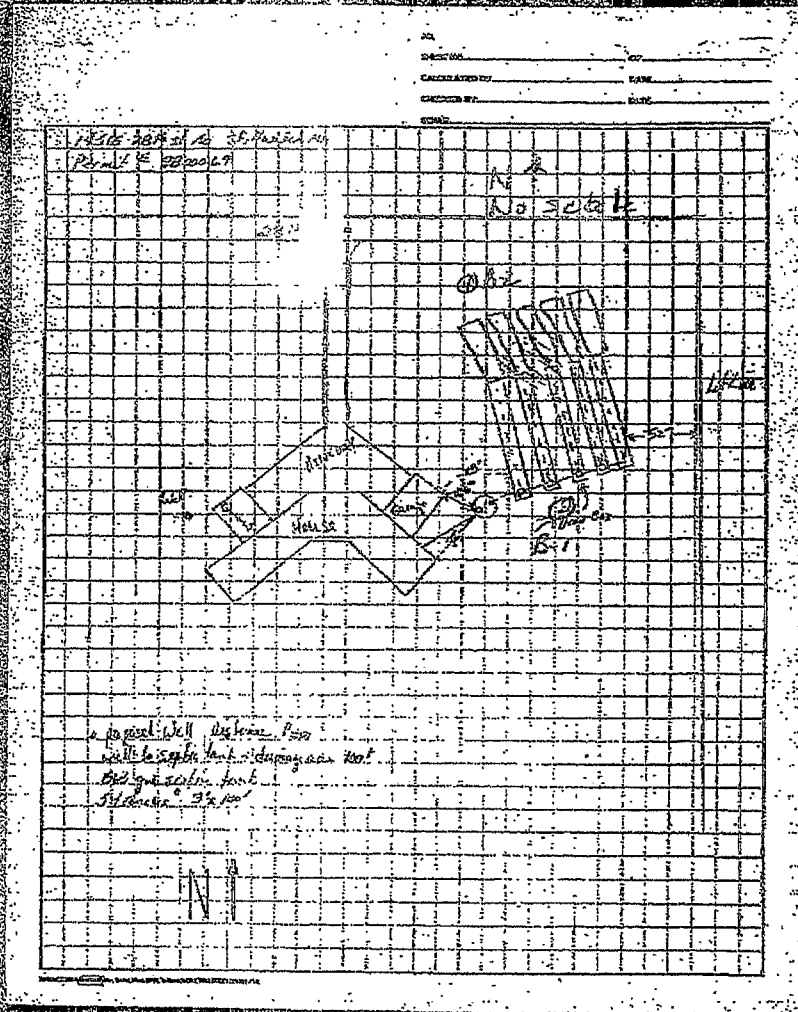
Inspector's name (print) Barry Brown Phone 651-735-7321
 License and/or Registration Number 1772 Address 3041 Woodlark Dr. Woodbury 55125
 Employed by Brown's Soil Testing Address _____
 Signature Barry Brown Date 10-24-08

Upgrade Requirements (derived from Minnesota Statutes § 115.55)

An 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 fails to provide sufficient groundwater protection, then the system must be upgraded, replaced, or its use discontinued within the time required by rule or the 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 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.

Suggested Attachments

- 1) Site sketch which includes the system location (mandatory). Other items could include: well, well setback to system, dwelling or other buildings, tank(s), reserved soil treatment area, surface water and soil boring locations. Include as-built drawing if available.
- 2) Soil boring logs, showing each horizon. Indicate the texture, color, redoximorphic features depth to bedrock, standing water and whether the material is fill.
- 3) A list of any and all requirements of the local ordinance that are different from the state requirements referred to on this form.
- 4) A homeowner survey of system performance, signed by the homeowner as being factual.
- 5) Monitoring data as appropriate.



LOG OF SOIL BORINGS

Job: 14565-26th St. Near West Lakeside
 Date: 10-21-08

2 10292 0120008

Depth in Feet	B1	B2	B3	B4
0	Black Clay loam top soil 9	Black clay loam top soil 10	Red brown SANDY clay loam 10000	
1	Dark red brown SANDY clay loam 25gr 3/4 20	5gr 4/3 32	yellow brown sand 10gr 5/6 48	
2	Dark red brown SANDY loam - much gravel -	5gr 5/4	restriction @ 58"	
3	finest rusting @ 52"	restriction @ 58"	French depth @ 7 B-2	
4			30"	
5				
6				
7				