



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.

For local tracking purposes:

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

System Status

System status on date (mm/dd/yyyy): 8/14/2018

[X] 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.)

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: 3203021140004

Property address: 7780 66th St N Pine Springs, MN Reason for inspection: Property Transfer

Property owner: Jim Basara Owner's phone:

Owner's representative: Representative phone:

Local regulatory authority: Washington County Regulatory authority phone: 651-430-6655

Brief system description: 2 septic tanks to gravity drainfield

Comments or recommendations:

System was installed with a permit from Washington County

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: Dave Brown Certification number: C9370

Business name: David R Brown License number: L3649

Inspector signature: [Signature] Phone number: 651-788-3296

Necessary or Locally Required Attachments

- [X] Soil boring logs [X] System/As-built drawing [] Forms per local ordinance
[] 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.

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. <i>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth. If yes, which sewage tank(s) leaks:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Comments/Explanation:

Verification method(s):

- Probed tank(s) bottom
- Examined construction records
- Examined Tank Integrity Form (Attach)
- Observed liquid level below operating depth
- Examined empty (pumped) tank(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:

4. Soil Separation – Compliance component #4 of 5

Date of installation: 8/24/2010 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage 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: Yes No
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

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.*

"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.

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:

Indicate depths or elevations

A. Bottom of distribution media	34"
B. Periodically saturated soil/bedrock	>70"
C. System separation	36"
D. Required compliance separation*	36"

*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. Have the Operating Permit requirements been met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the required nitrogen BMP in place and properly functioning?	<input type="checkbox"/> Yes <input type="checkbox"/> 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.



Department of Public Health and Environment

14949 62nd Street North PO Box 6
 Stillwater MN 55082-0006
 Office: 651-430-6655 TTY: 651-430-6246 Fax: 651-430-6730

Review Fee:	\$280.00
Permit Fee:	\$290.00
Total Fee:	\$570.00
Previous Payment	\$570.00

Community: Pine Springs
Permit Number: 2100-10-1
Owner: Jim Basara
 7780 66th ST
 Pine Springs MN -
Applicant: Capra's Utilities

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following identified property upon express condition that said persons and their agents, and employees shall conform in all respects to the provisions of Ordinance #128, Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

Project Address: 7780 66th ST
Geo Code: 32-030-21-14-0004
Designer: Barry Jonathan Brown

Type of System: Drainfield		Pressure Distribution	
		N / A	
Design Criteria	Drainfield Sizing		
Percolation Rate: 4	Square Feet:	800	
Depth To Restriction: 70	Lineal:	266 Feet	
Land Slope: 4.00%	Depth Of Rock Below:	12 Inches	
Flow Rate: 600	Maximum Trench Depth:	34 Inches	
Number of Bedrooms: 4	Number Of Trenches:	4	
<input type="checkbox"/> Gravelless	Length Of Trenches:	67 Feet	
<input type="checkbox"/> Chambered	Spacing Of Trenches:	7.5 Feet	
Tank Sizes			
Tank 1: 1000	Tank 2: 1000	Tank 3: 0	Lift Station: 0

Authorized Work/Special Conditions

1. Install individual sewage treatment system as per approved design in area tested and shown on the site plan.

Permit Issue Date: 8/24/2010
 Permit Expiration Date: 8/24/2011

Pete Ganzel
 Senior Environmental Specialist

Individual Sewage Treatment System Inspection Form

Project Address: 7780 66th ST Community: Fine Springs Owner: Jim Basara Applicant: Capra's Utilities	Application ID: 2100-10-1 Geo Code: 02-000-21-14-0004 Type of System: Drainfield Designer: Barry Jonathan Brown
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Type of Installation: <input type="checkbox"/> New <input checked="" type="checkbox"/> Repair <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Other	Type of Inspection: <input type="checkbox"/> Site Review <input type="checkbox"/> Tank <input type="checkbox"/> Rough-Up <input type="checkbox"/> Treatment Area <input type="checkbox"/> Final	Inspector: <input checked="" type="checkbox"/> Pete Ganzel <input type="checkbox"/> Chris LeClair <input type="checkbox"/> Other
Number of Bedrooms: _____		Inspection Date: @/25/10

Installer: *Capra*

Site Review	Mounds / At-Grade
Date: _____ <input checked="" type="checkbox"/> Soil Boring <input type="checkbox"/> Other Depth of Pit/Boring: _____ Comments: _____	<input type="checkbox"/> Mound <input type="checkbox"/> At-Grade Absorption Area _____ Percent Slope _____ Sand Below Bed _____ Upslope Width _____ Rock Below Pipe _____ Downslope Width _____ Perf Size/Spacing _____ Sideslope Width _____ Pipe Size/Spacing _____ Pressure Bed Dimensions: Length _____ Width _____
Conclusions: <input checked="" type="checkbox"/> Site Suitable <input type="checkbox"/> Site Unsuitable <input type="checkbox"/> Additional Tests Required	

Sewage / Holding Tanks	Pump Information
Tank 1 <i>1250</i> <input type="checkbox"/> New <input checked="" type="checkbox"/> Existing Tank 2 _____ <input type="checkbox"/> New <input type="checkbox"/> Existing Baffle Type: <input type="checkbox"/> Plastic <input type="checkbox"/> Fiberglass <input type="checkbox"/> San-T <input checked="" type="checkbox"/> Concrete	Lift Station Capacity _____ Feet of Head _____ Horsepower/GPM _____ Size of Discharge Line: _____ Gallons Per Cycle _____ Type/Location or Alarm _____ Gallons Per Minute _____

Trenches, Bed or Gravelless Drainfield	Setbacks																								
<input checked="" type="checkbox"/> Drop Box <input type="checkbox"/> Distribution Box <input type="checkbox"/> Gravity <input type="checkbox"/> Pump Trench <input type="checkbox"/> Pressure Bed <input type="checkbox"/> Serial <input type="checkbox"/> Parallel <input checked="" type="checkbox"/> Chambers <input type="checkbox"/> Gravelless <input type="checkbox"/> 8" <input type="checkbox"/> 10"	Building(s) to tanks _____ Building(s) to drainfield _____ Surface Water _____ Property Lines _____ Wells <input type="checkbox"/> 50' <input type="checkbox"/> 100'																								
<table style="width:100%"> <tr> <td style="width:25%">Trench Depth (in)</td> <td style="width:25%">Trench Length (ft)</td> <td style="width:25%">Trench Width</td> <td style="width:25%">Rock Below Pipe</td> </tr> <tr> <td>T1 _____</td> <td>T1 _____</td> <td><input type="checkbox"/> 24"</td> <td><input type="checkbox"/> 6"</td> </tr> <tr> <td>T2 _____</td> <td>T2 _____</td> <td><input type="checkbox"/> 36"</td> <td><input type="checkbox"/> 12"</td> </tr> <tr> <td>T3 _____</td> <td>T3 _____</td> <td><input type="checkbox"/> Other _____</td> <td><input type="checkbox"/> 18"</td> </tr> <tr> <td>T4 _____</td> <td>T4 _____</td> <td>Trench Spacing _____</td> <td><input type="checkbox"/> 24"</td> </tr> <tr> <td>T5 _____</td> <td>T5 _____</td> <td></td> <td></td> </tr> </table>	Trench Depth (in)	Trench Length (ft)	Trench Width	Rock Below Pipe	T1 _____	T1 _____	<input type="checkbox"/> 24"	<input type="checkbox"/> 6"	T2 _____	T2 _____	<input type="checkbox"/> 36"	<input type="checkbox"/> 12"	T3 _____	T3 _____	<input type="checkbox"/> Other _____	<input type="checkbox"/> 18"	T4 _____	T4 _____	Trench Spacing _____	<input type="checkbox"/> 24"	T5 _____	T5 _____			
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T5 _____	T5 _____																								

Pressure Bed Dimensions: Length _____ Width _____ Absorption Area _____	Pressure Test Time _____ Time _____ PSI _____ PSI _____
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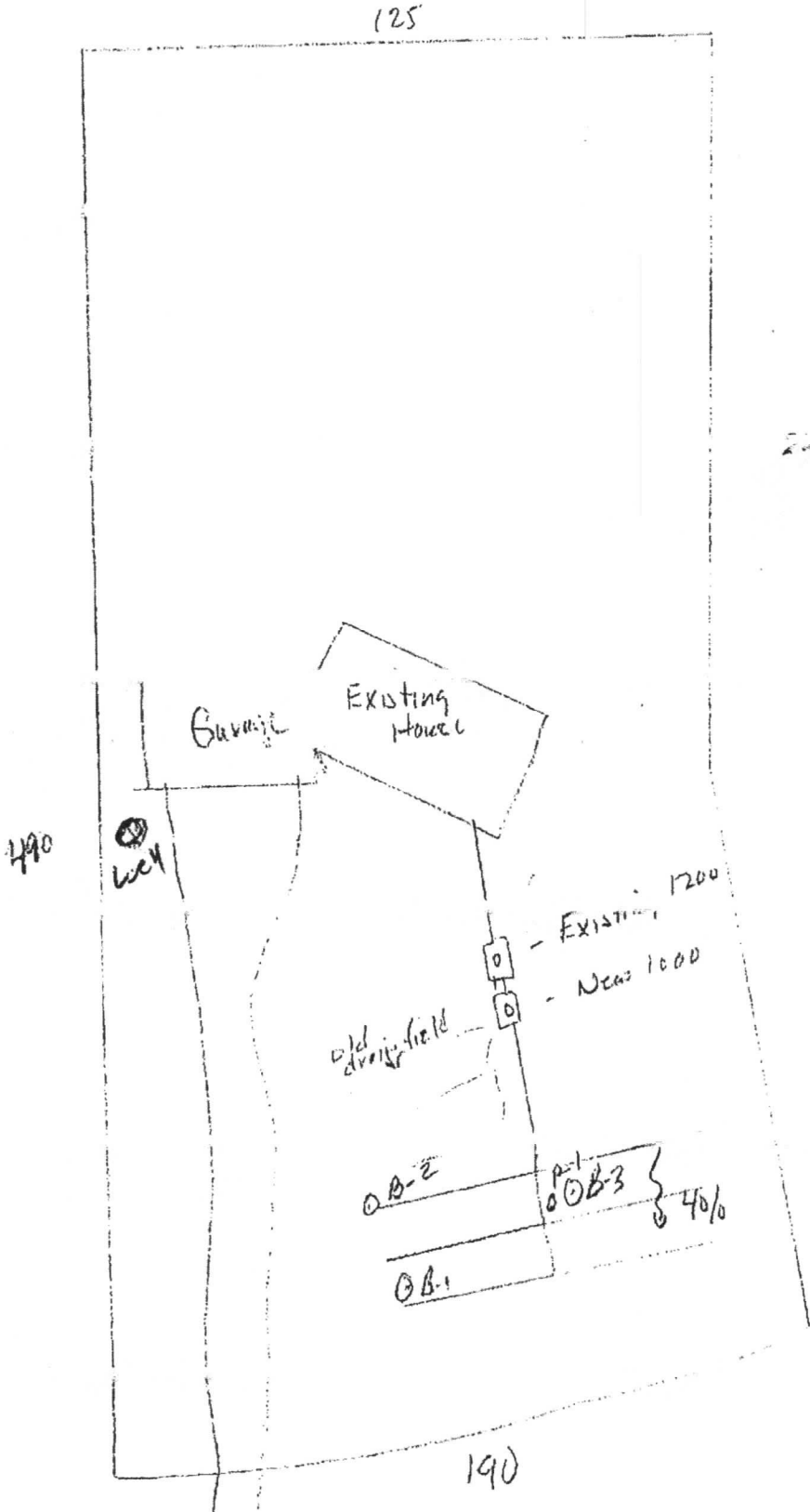
Comments: *Bull Run valve at first tank to divert to 11' - 1" in diameter and 1' below in tank tank down the hill*

P. Ganzel
Inspector

7780 - 66th St. No., Pine Springs

1" = 40' N↑

Existing limits
 Grade = 100'
 B-1 94'
 B-2 96'
 B-3 94.5'



Trench lengths
 will vary because
 of trees
 - Lots of trees -

JOB 10112 FISHWILL
LOT 4, BLOCK 1, 2ND ADDITION
5010 STREET IN PHOENIX, ARIZONA

BORING LOG

DATE 6-15-23

BOREHOLE DIAMETER 4" - 3"

DEPTH FEET	HOLE #1	HOLE #2	HOLE #3	HOLE #4	HOLE #5	HOLE #6
	BLACK DIRT	BLACK DIRT	BLACK DIRT			
1	BROWN, MEDIUM SAND	BROWN, MEDIUM SAND	BROWN, MEDIUM SAND	BROWN, MEDIUM SAND	BROWN, MEDIUM SAND	BROWN, MEDIUM SAND
2						
3						
4						BROWN, MEDIUM SAND
5						ONE OR TWO SAND LAYERS
6	BROWN, FINE SAND WITH 2" OR MORE BROWN LAYERS				LIGHT IRON SPARKING - BROWN MEDIUM SAND	LIGHT IRON SPARKING
7			DARK, COARSE MEDIUM SAND	STOP	STOP	STOP
8						
9						
10						



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Receipt

Description	
Number:	1630
Date:	7/27/2010
Check Number:	14476
Received For:	Application #2100101
Application Type:	Drainfield
Property Address:	7780 66th ST
Community:	Pine Springs
Received From:	Capra's Utilities
	2370 Leibel ST
	White Bear Lake MN 55110

Review Fee:	\$280.00
Permit Fee:	\$290.00
Total Fee:	\$570.00
Amount Received:	\$570.00
Previous Payments:	\$0.00
Balance Due:	\$0.00
Issued By: SJH	