8575 Imperial Rd

MORRISON COUNTY INSPECTION AND ASBUILT

Name Joe McKiernan Parcel # 03.0278.002 Permit # 2-2016-1230

System: ☒ New ☐ Alternate Old system Collapsed: ☐ Yes ☒ No

NOTES:

1 Tank Size 1600 / / Manufacturer B&W Tank Depth 18"
3 Pump Tank Size 1250 Manufacturer B&W Tank Depth 18"
2 Tank 1600 B&W 18"
Pump Size ½ Pump Make Zoeller Alarm Type Electronic ☒ Pressure Test Required

Type: ☒ I ☐ II ☐ III ☐ IV ☐ V Drainfield = 800 Sq Ft

☐ Trench: Number ____ Length ____ Width ____ ☐ Pressurized Trenches
Laterals: Size ____ Perf Size ____ Perf Spacing ____ Manifold Size ____

☐ Pressure Bed: Bed size L ____ x W ____ Laterals # ____ Size ____ Perf Size ____ Perf Spacing ____ Manifold Size ____

☒ Mound: Bed Size L 88 x W 10 Laterals # 3 Size 2" Perf Size 1" Perf Spacing 3' Manifold Size 2"

Inches Rock Below Pipe 8" From Kwyvy Inches Sand 17" From Southside
Chambers: Manufacturer ____ Length Per Section ____ Width ____ Number of Chambers Total ____
Other Media: Manufacturer ____ Notes: ____

☒ Restrictive Layer Verified to Design 33" ☒ 3 Ft Separation Verified to Design 36" Cover 18"

Measurements

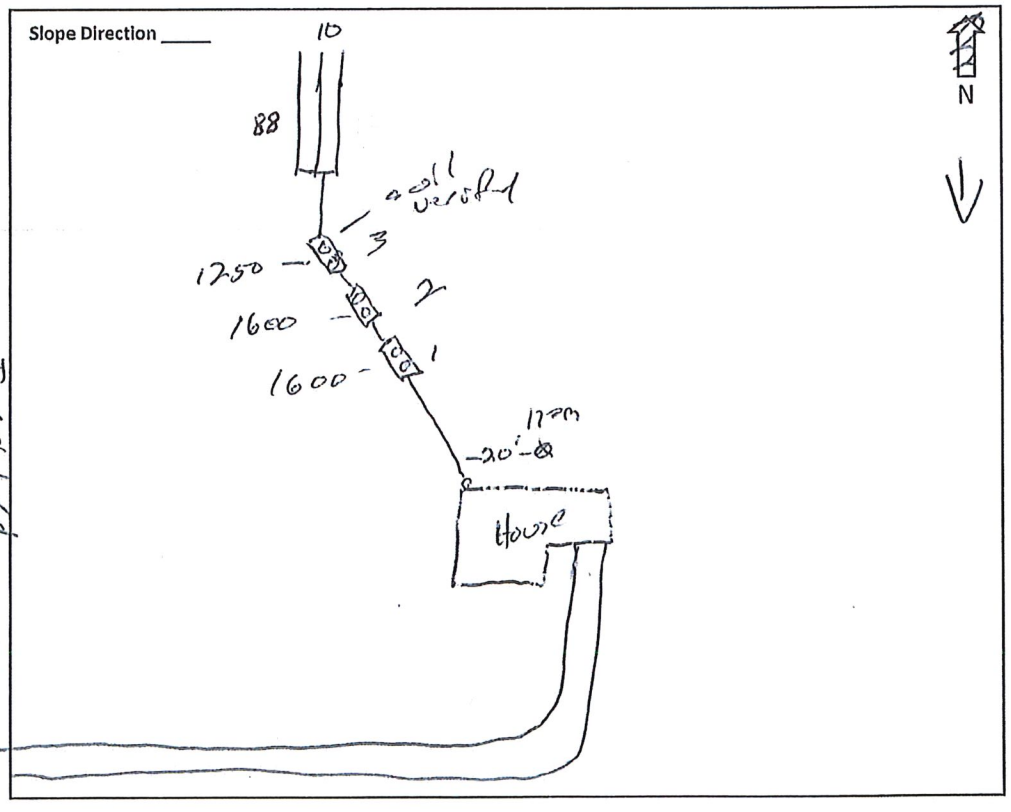
1 Tank to House 23
2 Tank to House 37
3 P.Tank to House 61

1 Tank to Well 24
2 Tank to well 38
3 P.Tank to Well 61

1 Tank to Drainfield 47
2 Tank to Drainfield 33
3 P.Tank to Drainfield 15

1 Tank to Nearest P.L. 100'
2 Tank to Nearest P.L. 100'
3 P.Tank to Nearest P.L. 100'

Drainfield to House 89
Drainfield to Well 83
Drainfield to P.L. 160+'
Tank to OHWM —
P.Tank to OHWM —
Drainfield to OHWM —
Supply Pipe to Well 30'



CERTIFIED STATEMENT

THIS CERTIFIES: The work done on this system has been completed in accordance with the design submitted with this permit. Morrison County waives all responsibility of future hydraulics because of abuse, water use or maintenance.

Joe Gill 19733
Licensed Installer or DRP License #

Installer South side 1971

Inspector

Date of Installation 17 Nov 16

Certificate of Installation ☒ Yes ☐ No Issue Date 11-22-16

Brown Wilbert

Shipping Tkt No: 16-079

WN-WILBERT TANK INSTALLATION INSTRUCTIONS

TE CONDITIONS
The site must be accessible to large heavy trucks. Be free of items like trees, stumps, overhead wires and buildings that could interfere with delivery or installation. The trucks must be able to within three to six feet of placement excavation.

EXCAVATION
Excavation should be approximately 12" minimum larger than tank size to allow for adequate back fill; this may vary with soil conditions. Excavation shall have a level bottom so the weight bears on the outside walls of the tank.

BEDDING
Proper use of bedding materials is important to ensure service life of the tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to be able to pass through a ¾" screen. Bedding thickness shall be 4" minimum compacted (thickness may vary with existing soil conditions).

JOINT SEAL
Joint surfaces must be clean and proper placement of sealant according to manufactures recommendations.

WATER TABLE
Tanks being placed where water levels can potentially be higher than the elevation of the tank cover must be brought to the attention of Brown-Wilbert, Inc. Either an alternate location should be considered or a waterproof coating applied to tank.

BACKFILL MATERIAL
Sidewalls of tanks require dry backfill materials that have the ability of 100% to be able to pass through a 2" screen and have a minimum of 12" on all sides from bottom to top of tank. Backfill material shall be placed in a manner to avoid impact loads on the sidewall of tank.

COVER MATERIAL
Cover material shall be dry soil, sand or gravel and have the ability of 100% to be able to pass through a 4" screen. Cover material shall be mounded over tank and around risers to direct run-off away from both.

INLET & OUTLET
Pipe not to exceed 1" past interior wall of tank where a baffle is used.

FINAL INSPECTION
☑ Passed
☐ Failed

BURIAL DEPTH
Tanks not to exceed the maximum burial depth of each model's specifications.

Model #:	1600 ST	Liquid Capacity:	1639	Max. Burial Depth:	7 FT	Qty:	1	Date of Mfg:	
Model #:	1600 ST	Liquid Capacity:	1639	Max. Burial Depth:	7 FT	Qty:	1	Date of Mfg:	
Model #:	1250 PT	Liquid Capacity:	1251	Max. Burial Depth:	7 FT	Qty:	1	Date of Mfg:	

Customer: Southside Sand & Gravel **Date & Time to Deliver:** 11/15/2016 8:00

Delivery Address:
8575 IMPERIAL RD ROYALTON

Tanks

Qty Sent	Item	Returned Qty
1	1600 ST	
1	1600 ST	
1	1250 PT	

Directions:

All other Supplies

Qty Sent	SUPPLIES	Returned Qty
2	PUMP-PAD	
1	BN153	

Received By: Joe Bell
Date: 11-15-16
Driver: Chris
***Hole Condition as noted by Driver:

Minnesota Department of Health
Well Management Section
P.O. Box 64975, St. Paul, Minnesota 55164-0975
651/201-4600 or 800/383-9808

Certification of Buried Sewer Construction and Testing

This form must be completed and submitted to the Minnesota Department of Health (MDH) for installation of a buried sewer located 20 to 50 feet from a water-supply well, or the installation of a water-supply well located 20 to 50 feet from a buried sewer. **NOTE:** A 50-foot minimum separation must be maintained between a water-supply well and a buried collector or municipal sewer, an unapproved sewer, or a buried sewer serving a facility handling infectious or pathological waste.

Owner of Property Where Sewer is Located (please print)
Joe McKiernan

Street Address, City, ZIP for Property Where Sewer is Located
8575 Impreal Road, Royalton, Minnesota 56373

County Name	Township No.	Range No.	Section No.	Fraction
Morrison				¼ ¼ ¼

Date of Testing (mm/dd/yyyy)	Person(s) Present to Witness Testing
11/17/2016	Joe Gill

Well Information

Provide Minnesota Well and Boring Number(s) _____ or, if unavailable,

Variance Information

Was a variance issued by the MDH for this sewer or well installation? ☐ Yes ☒ No
If yes, please provide the variance tracking number: TN_____.

Sewer Materials

☐ ABS (ASTM D2661)	ABS (ASTM D2751)	ABS (ASTM F628)
☐ PVC (ASTM D2665)	PVC (ASTM D3034)	PVC (ASTM F789)
☐ PVC (ASTM F891)	Cast Iron _____	

Test Methods (check one)

☒ Air Test (5 psi constant pressure for 15 minutes).
☐ Manometer Test (1-inch water column).
☐ Hydrostatic Test (for plastic pipe only).

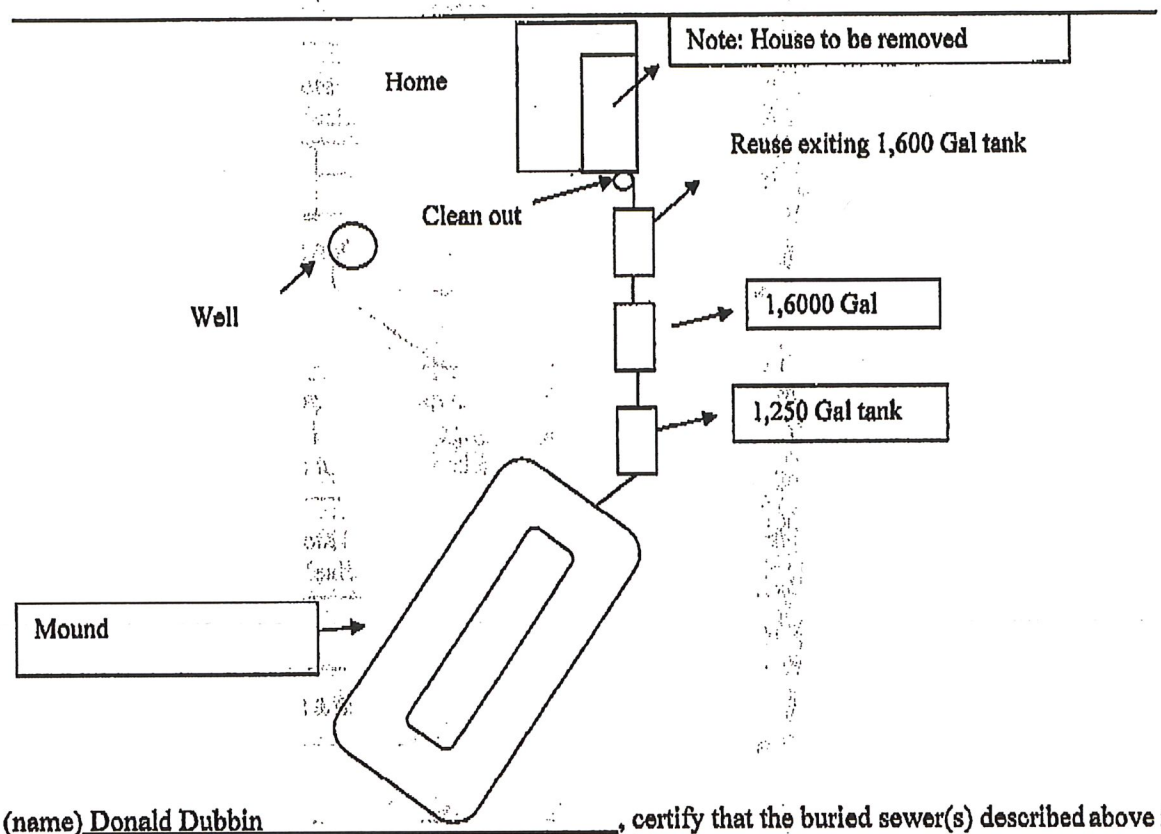
The portion of the buried sewer system tested is described as follows (please specify each segment of sewer pipe which was tested).
From home to first septic tank

Please draw a diagram of the sewer system on back and note the locations of any wells and the portions of the sewer system that were pressure tested.

Nov-19-2016 12:43 South Side & Gravel 3205845544

Buried Sewer Testing Diagram

Please draw a site diagram of the sewer system and all buried sewer pipes, including those buried beneath buildings (serving floor drain[s], bathroom[s], laundry room, etc.). Please note the portions of the buried sewer pipes that were pressure tested, the location of the well(s), and major landmarks on the property.



I, (name) Donald Dubbin, certify that the buried sewer(s) described above is/are constructed of the indicated, approved sewer material meeting the requirements of the Minnesota Plumbing Code, Minnesota Rules, part 4715.0530, and has/have been successfully tested in accordance with Minnesota Rules, part 4715.2820, by the indicated method.

In accordance with Minnesota Statutes, section 144.992, persons submitting false information to the Minnesota Department of Health are subject to administrative penalties of up to $10,000.

Name	Title		
Donald Dubbin	CEO, Owner Operator		
Firm: South Side Inc. DBA: South Side Sand & Gravel			
Street Address: 7995 Acorn Road NW			
City: Royalton		State: MN	ZIP Code: 56373
License/Certification Number: 1971	Signature		Date: 11/17/2016

HE-01488-03 origs/sewer test form.doc 2/09R

Nov-19-2016 12:43 South Side & Gravel 3205845544