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:

System Status

System status on date (mm/dd/yyyy): 5/16/2019

☒ **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: 0702920210002

Property address: 4809 Mcdonald Drive Circle N Baytown, MN 55082
Reason for inspection: Property Transfer

Property owner: William and Maureen Ochs
Owner's phone: 651-353-7829

or

Owner's representative:
Representative phone:

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

Brief system description: 2 septic tanks and 1 lift tank to 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:
Phone number: 651-788-3296

Necessary or Locally Required Attachments

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

☐ Other information (list):

Property address: 4809 Mcdonald Drive Circle N Baytown, MN 55082 Inspector initials/Date: DB | 5/16/2019 *(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. If yes, which sewage tank(s) leaks:	☐ Yes ☒ 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) 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:

Property address: 4809 Mcdonald Drive Circle N Baytown, MN 55082 Inspector initials/Date: DB | 5/16/2019 (mm/dd/yyyy)

4. Soil Separation – Compliance component #4 of 5

Date of installation: 11/21/1997 (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:

Indicate depths or elevations

A. Bottom of distribution media	36"
B. Periodically saturated soil/bedrock	76"
C. System separation	40"
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

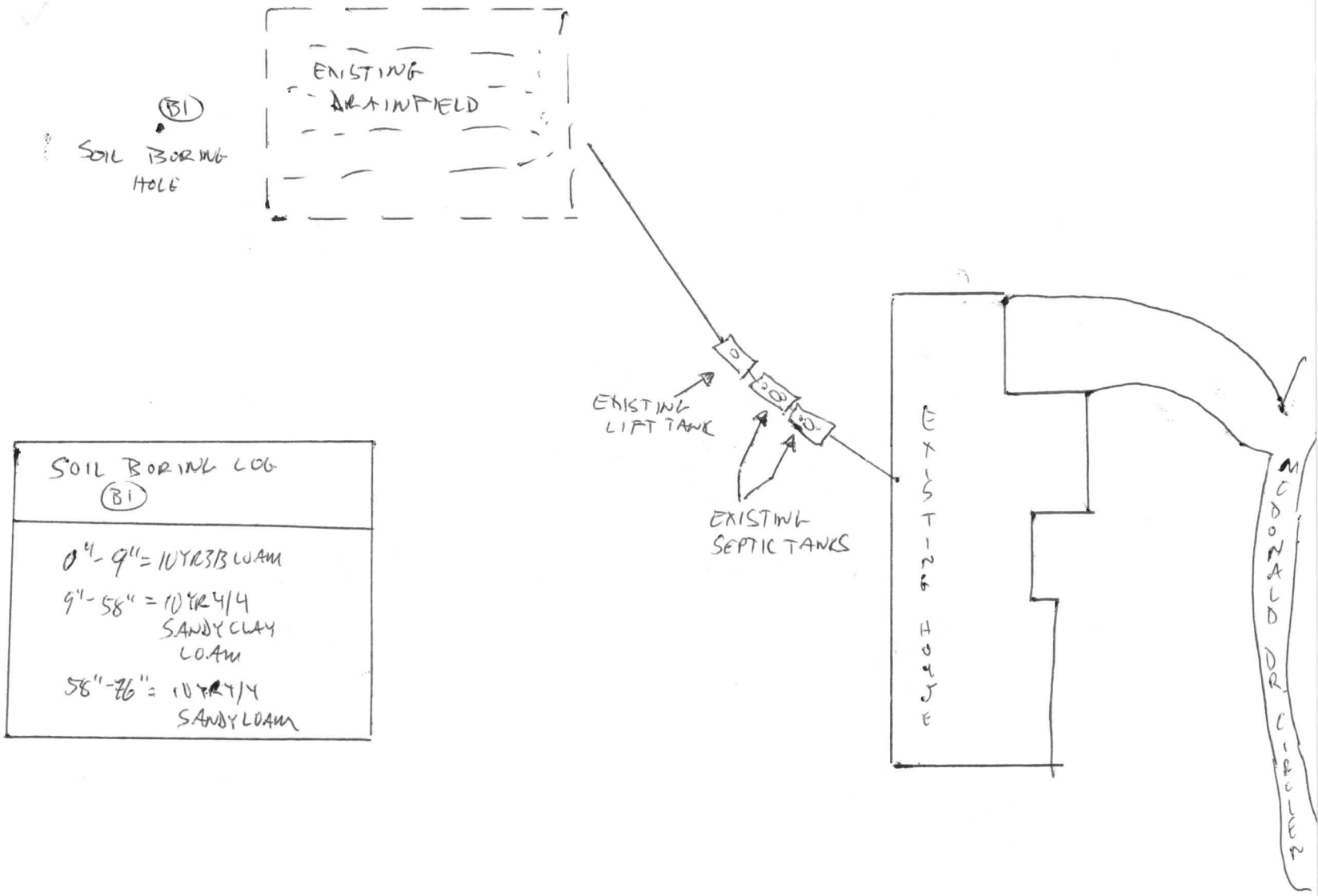
a. Operating Permit number: _____ Have the Operating Permit requirements been met?	☐ Yes ☐ No
b. Is the required nitrogen BMP in place and properly functioning?	☐ Yes ☐ No

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.*

4809 MCDONALD DRIVE CIRCLE N. STILLWATER, MN

NT
NO SCALE



SOIL BORING LOG
B1

0"-9" = 10YR3/3 LOAM

9"-58" = 10YR4/4 SANDY CLAY LOAM

58"-76" = 10YR4/4 SANDY LOAM

WASHINGTON COUNTY, MINNESOTA

Department of Health, Environment,
and Land Management 612/430-6708

BAYTOWN TOWNSHIP

PERMIT NUMBER 8097023 SEWAGE PERMIT

Owner : KURT NANLEY

Applicant : JEFF CHILDERS AAA POLLUTION CONTRL 612-738-9341

NEW DRAINFIELD PERMIT	150.00
Total Fees :	150.00
Total Paid :	.00
Total Due :	150.00

6201.03

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following described property upon express condition that said persons and their agents, employees and workmen shall conform in all respects to the provisions of the Building Code, and/or Ordinances.
This permit may be revoked at any time upon the violation of any of the provisions of said code and ordinances.

Project Address : 4809 MCDONALD DRIVE CIR N STILLWATER MN 55082

Flow Capacity 0 Gal/Day
Soil Conditions: Depth to Restriction 0 Inches Perc Rate 0 Min/Inch

Soil Treatment Area Type:
In Ground In Fill Bed Drain Field

Authorized Work / Special Conditions
- Install individual sewage treatment system as per approved design in area tested and shown on site plan.
- Maximum trench depth 18", follow contours.

** Permit Expiration Date : Sewage Treatment : 0/00/00

A CERTIFICATE OF OCCUPANCY MUST BE REQUESTED AND ISSUED PRIOR TO USE OR OCCUPANCY OF WORK PERMITTED BY A BUILDING PERMIT.
** This permit shall expire and be null and void if the work authorized by the Building Permit is not commenced within 60 days of the date of issuance or if work is abandoned or suspended for a period of 120 days. Term of the Building Permit is 12 months from date of issue. Term of sewage treatment permit is 6 months from date of issue.
Penalty for violation of any of the provisions of building code: Fine not to exceed five hundred dollars ($500.00) or imprisonment for not more than ninety (90) days, or both.

Permit Issue Date 0/00/00 Code Enforcement Officer P. Gauer

FILE

INSPECTION RECORD

BUILDING	DATE	INSP.	COMMENTS
Foundation			
Foundation Wall			
Plumbing (Groundwork)			
Heating (Groundwork)			
Rough Plumbing			
Rough Gas Piping			
Rough Heating and Ventilation			
Framing			
Insulation			
Fireplace			
Chimney			
Wallboard or Lath and Plaster			
Final Electrical			
Final Plumbing			
Final Gas Piping			
Final Heating and Ventilation			
Final Building			

SEWAGE TREATMENT SYSTEM	DATE	INSP.	COMMENTS
Installation	11-4-97	JK	Tank Size: 1000/1000/1000 Treatment Area: 1200 SQ
As Built			Installer: A-1-A Contract

DRIVEWAY	DATE	INSP.	COMMENTS
Access			
Installation			

NOTES:

EARTH SCIENCE TESTING ™

SOILS INFORMATION COMPANY :

SOIL BORINGS

ROBERT ENGSTROM ------ CLOVERDALE ESTATES
LOT 5 BLOCK 2, ~~2ND ADDITION~~

BORING NO.1

0"-9"	DARK BROWN FINE SILTY LOAM
9"-23"	LIGHT BROWN FINE SANDY CLAY LOAM
23"-8'0"	BROWN FINE TO MEDIUM LOAMY SAND
8'0"	END BORING

BORING NO.2

0"-7"	DARK BROWN FINE SILTY LOAM
7"-13"	BROWN FINE SANDY LOAM
13"-8'0"	BROWN FINE TO MEDIUM LOAMY SAND
8'0"	END BORING

BORING NO.3

0"-8"	DARK BROWN FINE SILTY LOAM
8"-14"	BROWN FINE SANDY CLAY LOAM
14"-26"	BROWN FINE SANDY LOAM
26"-53"	BROWN FINE LOAMY SAND
53"-60"	BROWN FINE SILTY LOAM
60"-8'0"	BROWN FINE SANDY LOAM
8'0"	END BORING

BORING NO.4

0"-6"	DARK BROWN FINE SILTY LOAM
6"-20"	LIGHT YELLOW BROWN FINE SILTY CLAY LOAM
20"-42"	BROWN FINE SANDY LOAM
42"-6'6"	BROWN FINE LOAMY SAND AND ROCKS (CLAY FILM)
6'6"	OBSTRUCTION —END BORING

EARTH SCIENCE TESTING ™

SOILS INFORMATION COMPANY :

SOIL BORINGS

CLOVERDALE FARMS.....LOT 5 BLK 2
(ADDENDUM)

BORING NO.5

0"-6"	***DARK BROWN FINE SILTY LOAM***
6"-46"	***LIGHT YELLOW BROWN FINE SILTY CLAY LOAM***
46"-6'2"	***REDDISH BROWN FINE SILTY LOAM***
6'2"-8'0"	***LIGHT BROWN FINE LOAMY SAND***
8'0"	***END BORING***

BORING NO.6

0"-5"	***DARK BROWN FINE SILTY LOAM***
5"-22"	***LIGHT BROWN FINE TO MEDIUM LOAMY SAND***
22"-46"	***BROWN FINE SILTY LOAM***
46"-8'0"	***BROWN FINE TO MEDIUM LOAMY SAND AND ROCKS***
8'0"	***END BORING***

AS-BUILT REPORT
INDIVIDUAL SEWAGE TREATMENT SYSTEM

Washington County Health, Environment & Land Management
14900 61st. ST. N., P.O. BOX 3803, STILLWATER, MN., 55082-3803
612/430-6708 or 612/430-6656 FAX 612/430-6730

Legal Description or Complete Street Address			City or Township	
4809 McDonald Dr. Cir. No.			Baytown	
Owner Name	**Mail Address**	**City**	**State**	**Zip**
Manley				
Installer	**Mail Address**	**City**	**State**	**Zip**
AAA Pollution Control, Inc.	1525 So. Sterling Street	St. Paul	MN.	55119
Septic Tank Information Tank Manufacturer: MINNESOTA PRECAST INDUSTRIES			Liquid Capacity:	2@1000

PUMP CHAMBER (if installed)

Tank Manufacturer:	Liquid Capacity:	Horsepower of Pump:	Type of Warning Device:
SAME	1000	4/10	PER OWNER

Pump Discharge in Gallons Per Minute:	at	Feet of Head.	Number of Gallons Pumped Per Cycle:
20		12'	150

DRAINFIELD TRENCH

Width:	Length of Each Trench:
36"	100'

Depth of Trench Bottom From Finish Grade: 12"

Method of Distribution:

- [ ] Pressure
- [ ] Distribution Box
- [X] Drop Box

Depth of Rock Under Distribution Pipe: 12"

Square Footage of Test Area Used:

Trench Bottom Area Sq. FT. Required:	Area As Built:
1200	1200

PERMIT NUMBER: # 80 97023

BED OR MOUND

Rock Bed Length:	Width:	Area:

Bed Depth from Grade:

MOUND:

Upslope Sand Depth:

Downslope Sand Depth:

Depth of Rock Under Pipe:

PRESSURE DISTRIBUTION SYSTEM:

Lateral Inside Diameter:	Length:	Peroration Size:
Spacing:	**Number:**	**Perforation Spacing:**