



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): 8/12/2016

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: _____

Property address: 14710 Olinda Blvd. Baytown Reason for inspection: Property Transfer

Property owner: _____ Owner's phone: _____

or
Owner's representative: Karen Sletten Representative phone: _____

Local regulatory authority: Washington County Regulatory authority phone: _____

Brief system description: 1200 septic tank, lift station, 2 drop boxes with trenches 96' long

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.

Inspector name: Chad Lashinski Certification number: C3054

Business name: Residential Testing Solutions License number: L3636

Inspector signature: _____ Phone number: 612-991-7004

Necessary or Locally Required Attachments

- Soil boring logs
- System/As-built drawing
- Forms per local ordinance
- Other information (list): Additional Terms

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) 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:

4. Soil Separation – Compliance component #4 of 5

Date of installation: 2/8/1986 Unknown
(mm/dd/yyyy)

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: 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.

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	48
B. Periodically saturated soil/bedrock	75+
C. System separation	24+
D. Required compliance separation*	24

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

Any “no” answer above indicates the system is failing to protect groundwater.

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: _____ Yes No
 Have the Operating Permit requirements been met?
- 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.*

FEE: \$ 50.00

WASHINGTON COUNTY, MINNESOTA

Sewage Treatment Permit No. 2 (5A 12)

Inspection of Installation Must Be Made By the Building Official Before Any Portion of System Is Covered
Contact Planning Department, 439-3220 x-176, 24 HOUR NOTICE REQUIRED

Owner Melvin Myer 78009-2000

Property Description Pt. NW 1/4 - SE 1/4 Sec 9 Baytown Twp

Property Address 14710 Olinda Blvd. N., Stillwater

Use of Building: Home Flow Rate: 3 bedroom Percolation Rate: 12 mpi

Septic Tank 1200 Gal. Liquid Capacity Lift Station (if needed) 1000 Gal.

Type of System: tanks and drainfield with lift station

Absorption Trench — Square Feet 572 Lineal Feet 191 Width 36"

Depth of Rock Below Lines 18 Inches, Above Lines 2 Inches

Depth of Trench From Existing Grade — Minimum 48 Inches, Maximum 48 Inches

Recommended Number of Lines 2 @ 96' (Note: Maximum Length of Individual Line Is 100 Feet.)

Minimum Spacing of Lines 7 1/2 Ft. Center to Center

Special Conditions System to go in area tested and shown on attached site plan. Trenches to be 48 inches due to better soil conditions at that depth.

PERMIT: Permission is hereby granted to the above named applicant to perform the work described in the application to the minimum specifications shown above and per attached site plan. This permit is granted upon express condition that the person to whom it is granted, and his agents, employees and workmen shall conform in all respects to ordinances of Washington County, Minnesota. This permit may be revoked at any time upon violation of any said ordinance, and permit shall be void if work is not commenced within six (6) months.

INSTALLER MUST HOLD CURRENT SEPTIC INSTALLER LICENSE WITH WASHINGTON COUNTY.

Approved: Allan Goodman Date 10/14/09
Zoning Administrator/Authorized Agent

Comments SYSTEM SUBSTANTIALLY COMPLETE 11/26/09

Installation Approved [Signature] Date 2/9/09
Inspector

LOG OF SOIL BORINGS

BORING NO. 5		BORING NO. 6		BORING NO. 7		BORING NO.	
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION
0	DARK BROWN FINE SILTY LOAM	0	DARK BROWN FINE SILTY LOAM	0	DARK BROWN FINE SILTY LOAM	0	
8"		2"		7"			
	LT. BROWN- RED- SANDY CLAY ROCKS		LT. BROWN FINE SILTY CLAY (STIFF)		LT. BROWN FINE SILTY LOAM		
		12"					
			RED BROWN FINE SILTY LOAM	44"			
46"		20"			RED BROWN FINE-MED. LOAMY SAND ROCKS		
	RED BROWN FINE-MED. CLAY SAND ROCKS		RED BROWN FINE-MED. LOAMY SAND ROCKS				
6:0"				6:0"			
	RED BROWN FINE LOAMY SAND ROCKS	6:4"			BROWN CLAY SAND. ROCKS		
			RED BROWN LOAMY SAND. ROCKS				
8:6"		8:6"		8:6"			

END B-5
8:6"

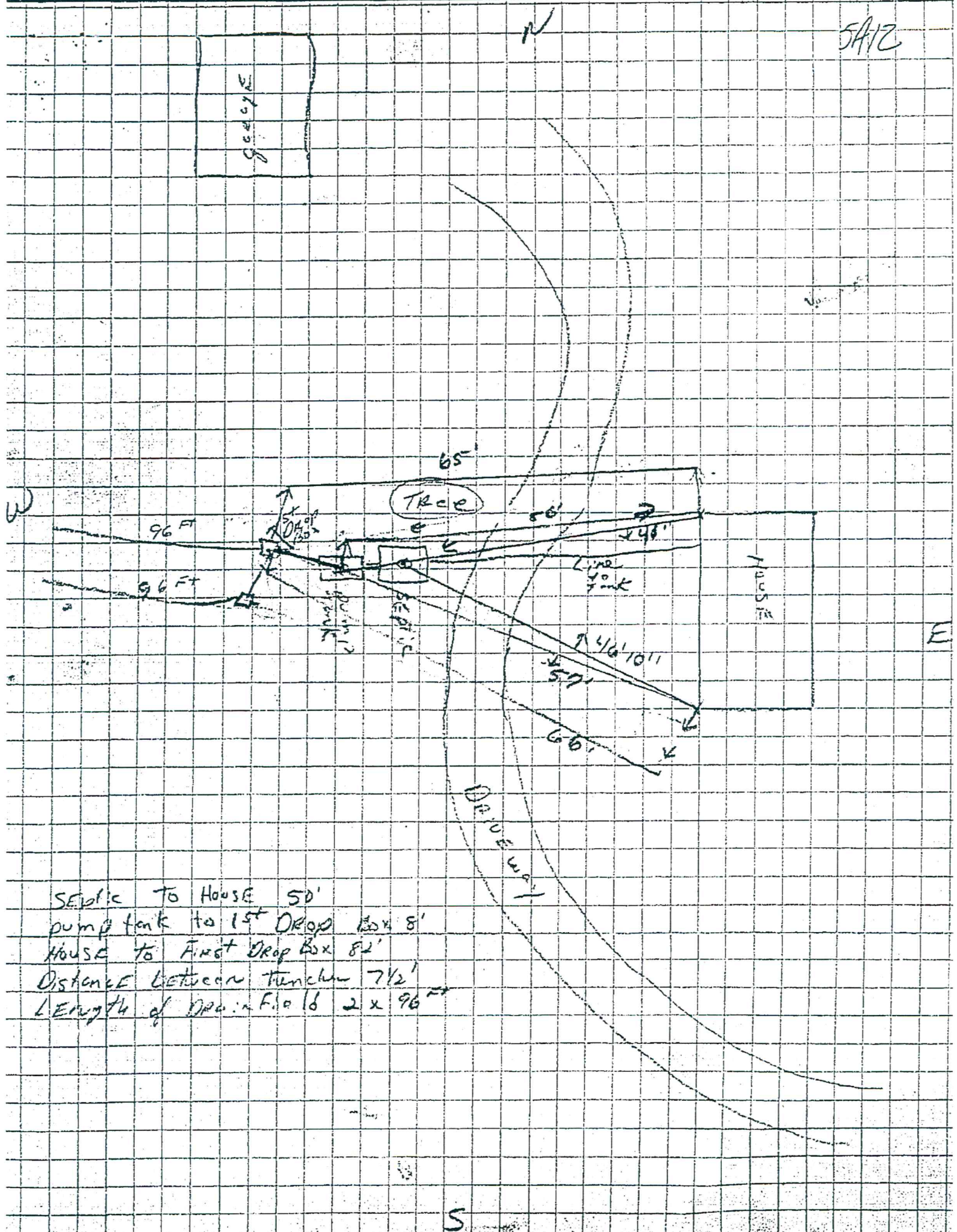
END B-6
8:6"

END B-7
8:6"

LOG OF SOIL BORINGS

BORING NO. 2		BORING NO. 1		BORING NO. 3		BORING NO. 4	
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION
0	DARK BROWN FINE SILTY LOAM	0	DARK BROWN FINE SILTY LOAM	0	DARK BROWN FINE SILTY LOAM	0	DARK BROWN FINE SILTY LOAM
6"	LT. BROWN FINE SANDY LOAM	3"	LT. YELLOW-BROWN FINE SILTY LOAM (STIFF) (MOIST)	18"	BROWN FINE SILTY LOAM	19"	LT. BROWN FINE SILTY LOAM
15"	LT. BROWN-TAN FINE SANDY LOAM			40"	LT. YELLOW-TAN FINE SILTY LOAM (VERY-STIFF) (PLASTIC) (MOIST)	48"	LT. GREY-YELLOW FINE SILTY LOAM (HEAVY MOTTLED) (PLASTIC) (MOIST)
28"	RED BROWN FINE SILTY LOAM	63"	RED BROWN MED. LOAMY SAND-RICKS (MOIST)	64"	LT. YELLOW-GRAY FINE SILTY LOAM (HEAVY MOTTLED) (WET)	56"	GRAY FINE SILTY LOAM (WET) (HEAVY MOTTLED)
46"	RED BROWN SANDY LOAM ROCKS GRAVEL	64"	BROWN MED. SAND-GRAVEL (WET)				
8:6"	END B. 2 8:6"	8:6"	END B. 1 8:6"	7:6"	END B. 3 7:6"	7:0"	END B. 4 7:0"

5A12

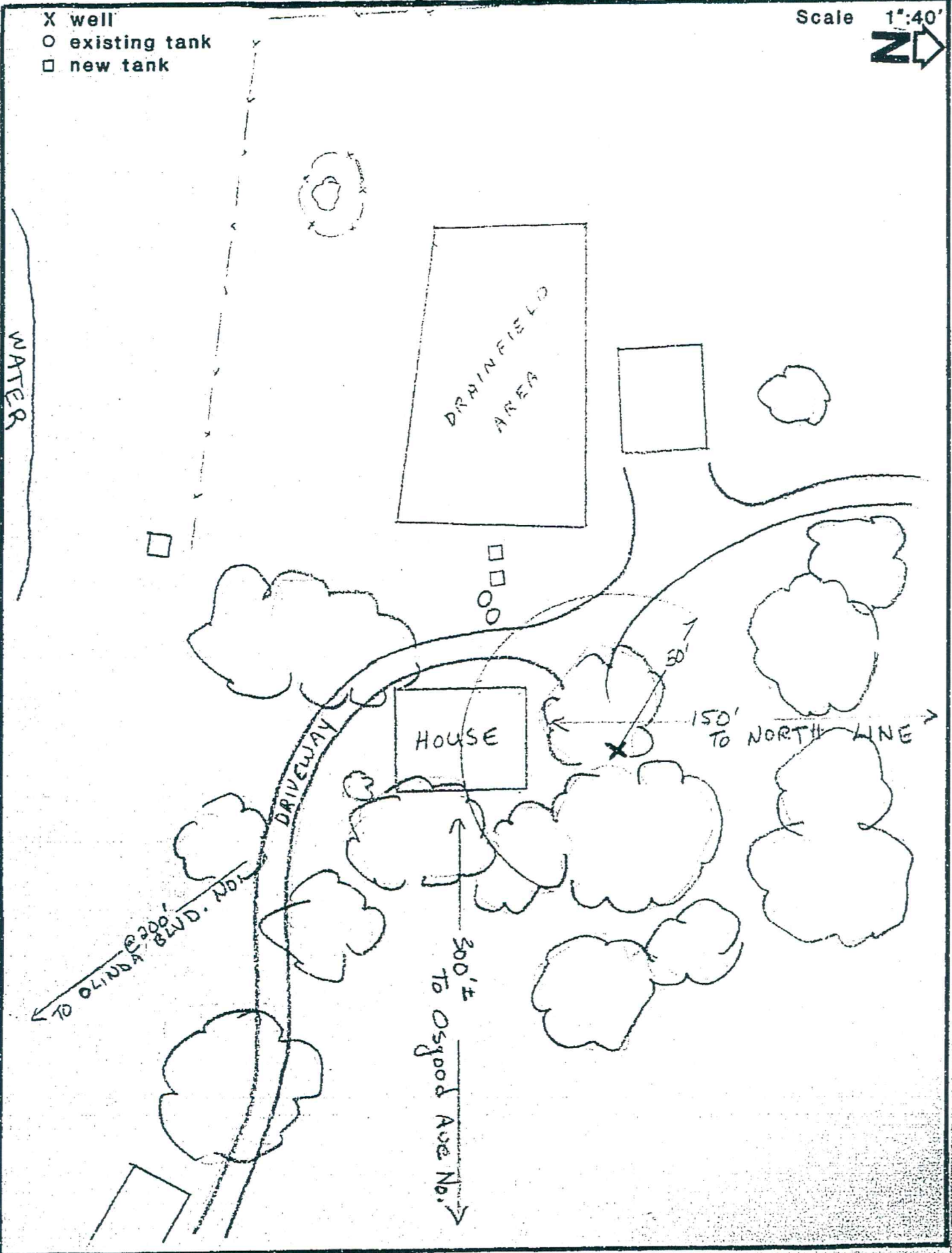


SEPTIC TO HOUSE 50'
 pump tank to 1st Drop Box 8'
 House to First Drop Box 82'
 Distance between trenches $7\frac{1}{2}'$
 Length of Drain Field $2 \times 96'$

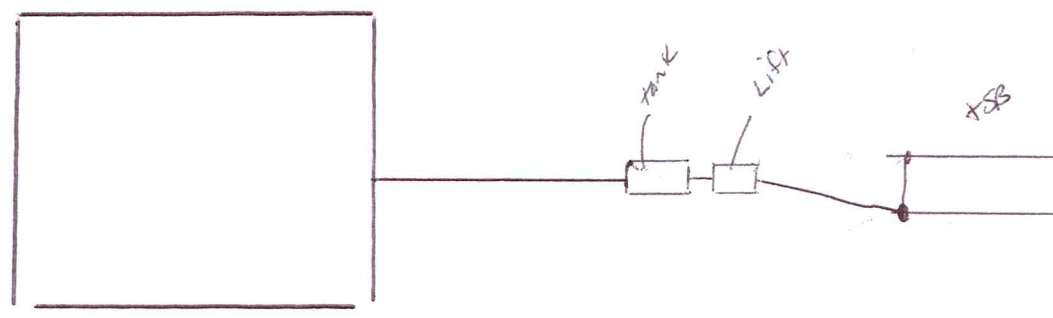
S



- X well
- O existing tank
- new tank



0-19 10YR 3/3 Fine Silty Loam
19-48 10YR 4/4 Fine Silty Loam
48-64" 10YR 6/4 Fine Silty Loam



Residential Testing Solutions, Inc.
Additional Terms

1. Residential Testing Solutions, Inc. (RTS) has not been retained to warrant, guarantee or certify the proper functioning of the systems for any period of time beyond the date of inspection. Due to the numerous factors (usage, maintenance, tank pumping, soil characteristics, previous failures, etc.) which may affect the proper operation of a well or septic system, as well as the inability of RTS to supervise or monitor the use of maintenance of the system or well, the report shall not be construed as a warranty by RTS that the system/well will function properly for any particular period of time.
2. Minimum compliance inspection requirements relative to this inspection and this report include only verification that the septic system has a water tight septic tank(s) and lift tank, the required separation from the bottom of the drainfield/mound distribution medium and saturated soils, no back-ups of sewage into the dwelling and no discharge of sewage/effluent onto the ground surface or surface water. RTS does not inspect basement ejector pumps or exterior lift tank pumps as they are considered to be a "maintenance item." Sewage backup verification is limited to observing the floor drain area and/or the information supplied by the last occupants of the swelling prior to inspection. RTS cannot guarantee that the information given to it by the last occupants of the dwelling is accurate. Some persons may attempt to hide or conceal signs of previous back-ups.
3. Certification of this system does not warranty future use beyond the date of inspection. Any system, old or new, can be hydraulically overloaded as a result of more people moving into the house than were previously occupying it, improper maintenance and/or heavy usage, tree roots, freezing conditions, surface drainage problems, or the system can simply stop working because of age. The average life expectancy of a properly maintained septic system is twenty to twenty-five years.
4. A Compliance Inspection is not meant to be a test or inspection for longevity of the septic system but rather is strictly for the purpose of determining if the septic system is polluting the environment at the date and time the inspection is performed. This inspection is not intended to determine if the septic system was originally designed or installed to past or present MPCA or local unit of government code requirements.
5. WINTER WORK. Client understands that inspections conducted during winter weather are more difficult to perform because of possible snow cover and/or ground frost. Septic system components such as tanks, tank covers, drop boxes, drop box covers and soil treatment areas are more difficult to locate in these conditions. Soild borings and drainfield locations are also more difficult to perform due to ground frost. RTS will attempt to use the same level of standards when performing winter work as when performing non-winter work however Client understands that due to the aforementioned considerations, the same level of standards may not be possible.
6. Client hereby agrees to indemnify, save and hold RTS, its agents and employees harmless from any claims or causes of action, including attorney's fees, arising from the performance of this Contract by the RTS or its agents or employees.

Karen Stetten
Client

8/14/16
Date

Address: 14710 Olinda Blvd. Baytown Township