Document 2026 GW3255

Book 2026 Page 3255 Pages 26
Date 11/02/2026 Time 12:00:13PM
Rec Amt $.00

BRANDY MACUMBER, COUNTY RECORDER
MADISON COUNTY IOWA

REAL ESTATE TRANSFER - GROUNDWATER HAZARD STATEMENT

TO BE COMPLETED IN FULL BY TRANSFEROR

If the transaction is exempt from filing a declaration of value pursuant to Iowa Code 428A.1(2), **STOP HERE**. Pursuant to Iowa Code section 558.69(1), when no declaration of value is submitted during a transaction, you are not required to submit a groundwater hazard statement or include the statutory language in Iowa Code section 558.69(8A). Please consult your realtor or legal counsel for further advice, including on whether a declaration of value is required. The Department provides this information for statutory reference only.

Instructions for this document can be found at: https://www.iowadnr.gov/media/5465.

Attachment 1, if required, can be found at: https://www.iowadnr.gov/media/5466.

TRANSFEROR:

Name	James Whiten and Cinda Whitten			
Address	2903 Truro Road	Truro	IA	500257
	Number and Street or RR	City, Town or PO	State	Zip

TRANSFEREE:

Name	Scott Chitty and Michelle Chitty			
Address	1838 280th Street	Webster City	IA	50595
	Number and Street or RR	City, Town or PO	State	Zip

Address of Property Transferred:

2852 260th Street	St Charles	Iowa	50240
Number and Street or RR	City, Town or PO	State	Zip

Legal Description of Property: (Attach if necessary)

Parcel "O" located in the Southwest Quarter (1/4) of the Northeast Quarter (1/4) of Section Thirty (30), in Township Seventy-five (75) North, Range Twenty-six (26) West of the 5th P.M., Madison County, Iowa, containing 11.153 acres, as shown in Plat of Survey filed in Book 2020, Page 3278 on September 1, 2020, in the Office of the Recorder of Madison County, Iowa.

1. Wells (check one)

- ☑ No Condition - There are no known wells situated on this property.
- ☐ Condition Present - There is a well or wells situated on this property. The type(s), location(s) and legal status are stated below or set forth on an attached separate sheet, as necessary.

2. Solid Waste Disposal (check one)

- ☑ No Condition - There is no known solid waste disposal site on this property.
- ☐ Condition Present - There is a solid waste disposal site on this property and information related thereto is provided in

Attachment #1, attached to this document.

3. Hazardous Wastes (check one)

- ☑ No Condition - There is no known hazardous waste on this property.
- ☐ Condition Present - There is hazardous waste on this property and information related thereto is provided in Attachment #1, attached to this document.

4. Underground Storage Tanks (check one)

- ☑ No Condition - There are no known underground storage tanks on this property. (Note exclusions such as small farm and residential motor fuel tanks, most heating oil tanks, cisterns and septic tanks, in instructions.)
- ☐ Condition Present - There is an underground storage tank on this property. The type(s), size(s) and any known substance(s) contained are listed below or on an attached separate sheet, as necessary.

5. Private Burial Site (check one)

- ☑ No Condition - There are no known private burial sites on this property.
- ☐ Condition Present - There is a private burial site on this property. The location(s) of the site(s) and known identifying information of the decedent(s) is stated below or on an attached separate sheet, as necessary.

6. Private Sewage Disposal System (check one)

- ☐ No Condition - All buildings on this property are served by a public or semi-public sewage disposal system.
- ☐ No Condition - This transaction does not involve the transfer of any building which has or is required by law to have a sewage disposal system.
- ☑ Condition Present - There is a building served by private sewage disposal system on this property or a building without any lawful sewage disposal system. A certified inspector's report is attached which documents the condition of the private sewage disposal system and whether any modifications are required to conform to standards adopted by the Department of Natural Resources. A certified inspection report must be accompanied by this form when recording.
- ☐ Condition Present - There is a building served by private sewage disposal system on this property. Weather or other temporary physical conditions prevent the certified inspection of the private sewage disposal system from being conducted. The buyer has executed a binding acknowledgment with the county board of health to conduct a certified inspection of the private sewage disposal system at the earliest practicable time and to be responsible for any required modifications to the private sewage disposal system as identified by the certified inspection. A copy of the binding acknowledgment is attached to this form.
- ☐ Condition Present - There is a building served by private sewage disposal system on this property. The system is failing to ensure effective wastewater treatment or is otherwise improperly functioning, and the buyer has executed a binding acknowledgment with the county board of health to install a new private sewage disposal system on this property within an agreed upon time period. A copy of the binding acknowledgment is provided with this form.
- ☐ Condition Present - There is a building served by private sewage disposal system on this property. The building to which the sewage disposal system is connected will be demolished without being occupied. The buyer has executed a binding acknowledgment with the county board of health to demolish the building within an agreed upon time period. A copy of the binding acknowledgment is provided with this form. [Exemption #7]
- ☐ Condition Present - There is a building served by private sewage disposal system on this property. This property is exempt from the private sewage disposal inspection requirements pursuant to the following Exemption [Note: for exemption #7 use prior check box]: _____
- ☐ Condition Present - There is a building served by private sewage disposal system on this property. The private sewage disposal system has been installed within the past two years pursuant to permit number:

  _____

Review the following two directions carefully:

A. **If you selected a box stating "No Condition" for every numbered section above, STOP HERE. Do not submit this form.** Instead, pursuant to Iowa Code section 558.69(8A), you must include the following language on the first page of the recorded deed, instrument, or other writing:

"There is no known private burial site, well, solid waste disposal site, underground storage tank, hazardous waste, or private sewage disposal system on the property as described in Iowa Code section 558.69, and therefore the transaction is exempt from the requirement to submit a groundwater hazard statement."

Please consult your realtor or legal counsel for further advice on this exemption. By law, the owner of the property is responsible for the accuracy of this statement, and the Department provides this information for statutory reference only.

B. **If you checked <u>any</u> box stating "Condition Present" for <u>any</u> of the numbered sections above, continue below.** You must complete this form, including providing all required information, and you must submit this form to the county recorder's office with declaration of value.

Information required by statements checked above should be provided here or on separate sheets attached hereto:

_____

_____

_____

_____

_____

I HEREBY DECLARE THAT I HAVE REVIEWED THE INSTRUCTIONS FOR THIS FORM AND THAT THE INFORMATION STATED ABOVE IS TRUE AND CORRECT.

Signature: X _____ Telephone No.: X 515-468-0176

(Transferor or Agent)

IOWA DNR

IOWA DEPARTMENT OF NATURAL RESOURCES

GOVERNOR KIM REYNOLDS
LT. GOVERNOR CHRIS COURNOYER

DIRECTOR KAYLA LYON

TIME OF TRANSFER INSPECTION TOT# 15314 SAM VANSUMPLE CERT # 13193

Site Information

Parcel Description: **500093026012000**

Address: **2852 260TH ST, St. Charles, IA 50240** County: **Madison**

Owner Information

Property is owned by a business: **No**

Business Name:

Owner Name: **JAMES/CINDA WHITTEN**

Email Address: **whittenworx@gmail.com**

Address: **2852 260TH ST, St. Charles, IA 50240**

Phone No: **515-468-1639**

Additional Contact Information

Name	Email Address	Affiliate Type
BECKY KNIGHT	**beckyknight@iowarealty.com**	**Realtor**

Site related information

No Of Bedrooms: **0**

Inspection Date: **05/15/2025**

Facility Type: **Commercial**

Currently Occupied: **No**

Last Occupied:

System Installation Date:

Permit issued by County: **No**

Permit Number:

All plumbing fixtures enter septic system: **Yes**

County contacted for records: **Yes**

Property Information Comments:

Primary Treatment

Tank 1

Tank Name: **Tank 1**

Type: **Septic Tank**

Tank Size (Gal): **1250**

Tank Material: **Plastic**

Tank Corrosion Type: **Slight**

Liquid Level Type: **Normal**

No. of Compartments: **2**

Pump Tank Chamber: **No**

Licensed Pumper Name: **Rogers septic**

Date Pumped: **5/15/2025** | Meets Setback to Well: **N/A** | Well Type:

Distance To Well (Ft.): | Is Accessible: **Yes** | Lid Intact: **Yes**

Risers Intact: **Yes** | Effluent Filter Present: **Yes** | Watertight: **Yes**

Tank/Vault Pumped: **Yes** | Inlet Baffle Present: **Yes** | Outlet Baffle Present: **Yes** | Functioning as Designed: **Yes**

Tank Comments:

General Primary Treatment Comments:

Distribution Type

Distribution Box 1

Label: **Distribution Box 1** | Material Type: **Plastic** | Accessible: **Yes**

Box Opened: **Yes** | Baffle Present: **Yes** | Speed Levelers Present: **Yes**

Watertight: **Yes** | Functioning As Designed: **Yes**

General Distribution System Comments :

Secondary Treatment

Lateral Field1

Distribution Type: **Distribution Box** | Material Type: **Leaching Chamber** | Trench Width: **36**

Lines: **2** | Total Length of Absorption Line: **100** | System Hydraulic Loaded: **Yes**

Gallons Loaded: **200** | Meets Setback to Well: **N/A** | Well Type:

Distance To Well (Ft.): | Lateral Lines Probed: **Yes** | Saturation or Ponding Present: **No**

Grass Cover Present: **Yes** | Lateral Lines Equal Length: **Yes** | System Located on Owner Property: **Yes**

Easement Present: **N/A** | Functioning as Designed: **Yes**

Comments:

General Secondary Treatment Comments:

Narrative Report

TOT Inspection Report Overall Narrative Comments: **all waste waster goes to 1250 gallon plastic septic tank with slight distortion. Accessable by inlet and outlet lids to surface. Inlet and outlet baffle present. Outlet filter present. 2 compartment tank. Plastic water tight distribution box, inlet baffle present. 2 speed levlers present. Hydraulic loaded 2x50 =100 ft chamber laterals with 200 gallons of water via garden hose. Laterals probed dry and clean.**

IOWA DNR

IOWA DEPARTMENT OF NATURAL RESOURCES

GOVERNOR KIM REYNOLDS
LT. GOVERNOR CHRIS COURNOYER

DIRECTOR KAYLA LYON

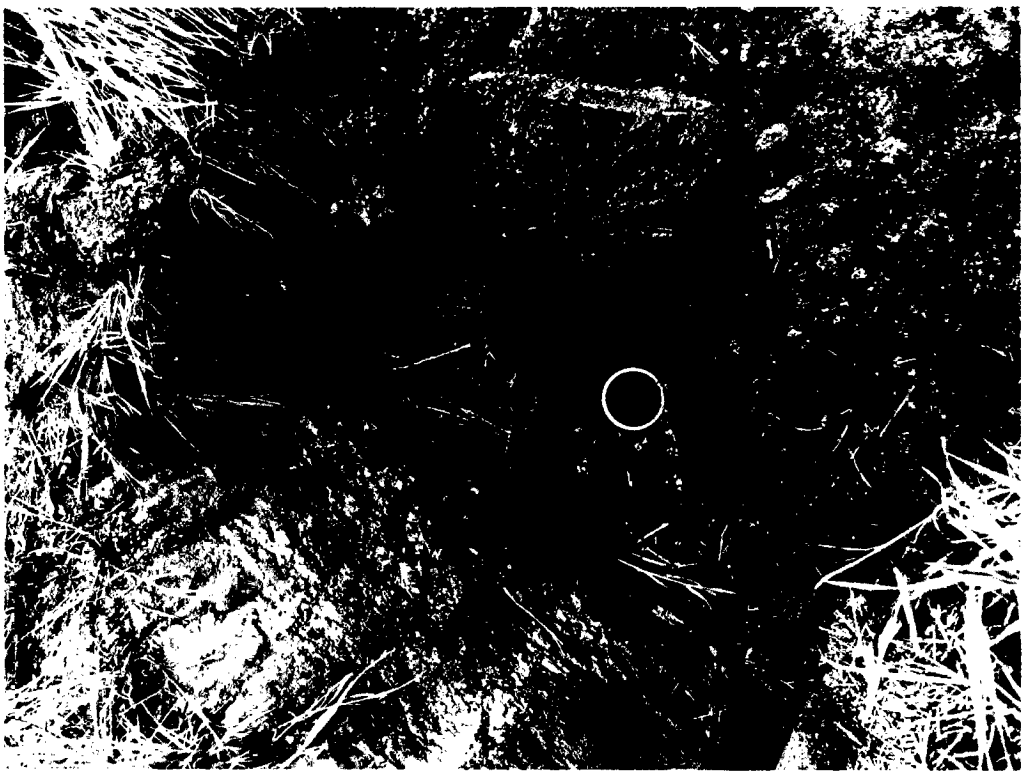
TIME OF TRANSFER INSPECTION TOT# 15314 SAM VANSUMPLE CERT # 13193

Owner Name:	**JAMES/CINDA WHITTEN**
Address:	**2852 260TH ST , St. Charles , IA 50240**
County:	**Madison**

Inspection Date:	**05/15/2025**	Submitted Date:	**5/15/2025**

This page certifies a Time of Transfer inspection was conducted and submitted for the property listed above in accordance with Subrule 567 IAC 69.2(8).

Documents



Madison County
Office of Zoning and Environmental Health

Authorization to Construct a Private On-site Wastewater Treatment System (POWTS)

112 N. John Wayne Drive
P.O. Box 152
Winterset, IA 50273-0152
Telephone: (515) 462-2636

Permit Number: 037-19 **Date Issued: 5/30/2019**

Issued to: **James & Cinda Whitten**
Address: **2846 260th St.**
St. Charles, IA 50240

Legal Description: **E 36A SW NE Ex .37A Rd PID# 500093026010000**
Sec 30 T75N R26W South TWP

POWTS Components Specifications: **1250 gal. septic tank & 2 @ 36' Laterals @ 50' ea.**

General Conditions:

1. System must be constructed in conformance with attached system layout, profiles, and cross-sections.
2. Structures must be constructed in conformance with 567 IAC Chapter 69 and the Madison County Environmental Health Regulations.
3. Permit shall be null and void if system is not constructed within one year of permit issuance. The Environmental Health Officer must approve any request for extension of permit.
4. The Environmental Health Officer must approve any design modifications to the permitted system prior to construction.
5. Once constructed, all system components must be uncovered for inspection and the system must be approved before it can be put into operation. Notice for inspection must be received with 24 hours in advance (8 a.m. through 4:30 p.m., Monday - Friday). If weather necessitates the need to cover the system components, then the system owner or contractor must notify and follow the procedures given by the Environmental Health Officer.

Special Conditions: **Max. Trench Depth 32"**
At least a 24-hour notice for inspections.

Tina Burk

Environmental Health Officer Assistant
Madison County
Office of Zoning and Environmental Health

Madison County
Office of
Zoning & Environmental Health

Application to Construct Private Sewage Disposal System (PSDS)

112 N. John Wayne Dr
P O Box 152
Winterset, IA 50273
Telephone (515) 462-2636

Office Use Only					Temp E911		
Tracking No.	Date Received	Fee Paid	Check #	Date Issued		Section/Township	30-South
037-19	4-5-19	150 00	3883				

Application will not be accepted until site and soil analysis/percolation information have been received and fee has been paid. For systems requiring an NPDES General Permit #4 (surface discharge), its application must be submitted to this office along with appropriate forms for recording before a permit will be issued.

Please Print All Information.

1. Owner Information (Applicant)

First Name: James & Cinda — Last Name: Whitten
Address: 2846 260th St.
City: St. Charles — State: IA — Zip: 50240
Phone Number — Cell Phone
Email — 515-468-0176

2. Installation Contractor Information

First Name: Seff — Last Name:
Address:
City — State — Zip
Phone Number (area code) — Cell Phone

3. System Requirement Information

IAC CHAPTER 69 DOUBLE COMPARTMENT TANK REQUIRED

	Minimum Tank Size Required
1-3 Bedroom	1250
4 Bedroom	1500
5 Bedroom	1750
6 Bedroom	2000

4. Site and Soil Evaluator (Percolation Test/Soils Analysis)

PERCOLATION/SOILS ANALYSIS MUST BE COMPLETED AND APPROVED PRIOR TO THE ISSUANCE OF PERMIT

Date test taken _____ Test taken by _____
Passed: _____ Failed: _____
Percolation Rate: _____
Soils Loading Rate: _____

5. Type of Submittal

- ☑ New House Shed
- ☐ Existing House
- ☐ Repair, Tank
- ☐ Repair, Treatment Area
- ☐ System Replacement

Previous Permit #:

6. Address Information

911 Address or nearest road: 2846 260th St.
Legal Description: PID # 500093026010000 30-75-26
E. 36A SW NE Ex .37A Rd.

7. Type of Building (Completed by Owner)

Building Square ft	Number of Bedrooms: 5	Number of Bathrooms: 1	Non-Residential uses:
Other buildings served by this system		Any other circumstances which may affect water usage	

Water softeners must be routed to a brine pit independent of septic system.

Your contractor or system designer should complete the remaining portion of this application.

8. Tanks

	Type	Size	Manufacturer
Septic Tank	Poly Concrete	1250 1300	Indiana Precast AK 10-9-19
Pump Tank	Type:	Size:	Manufacturer:
Additional Tank	Type:	Size:	Manufacturer:

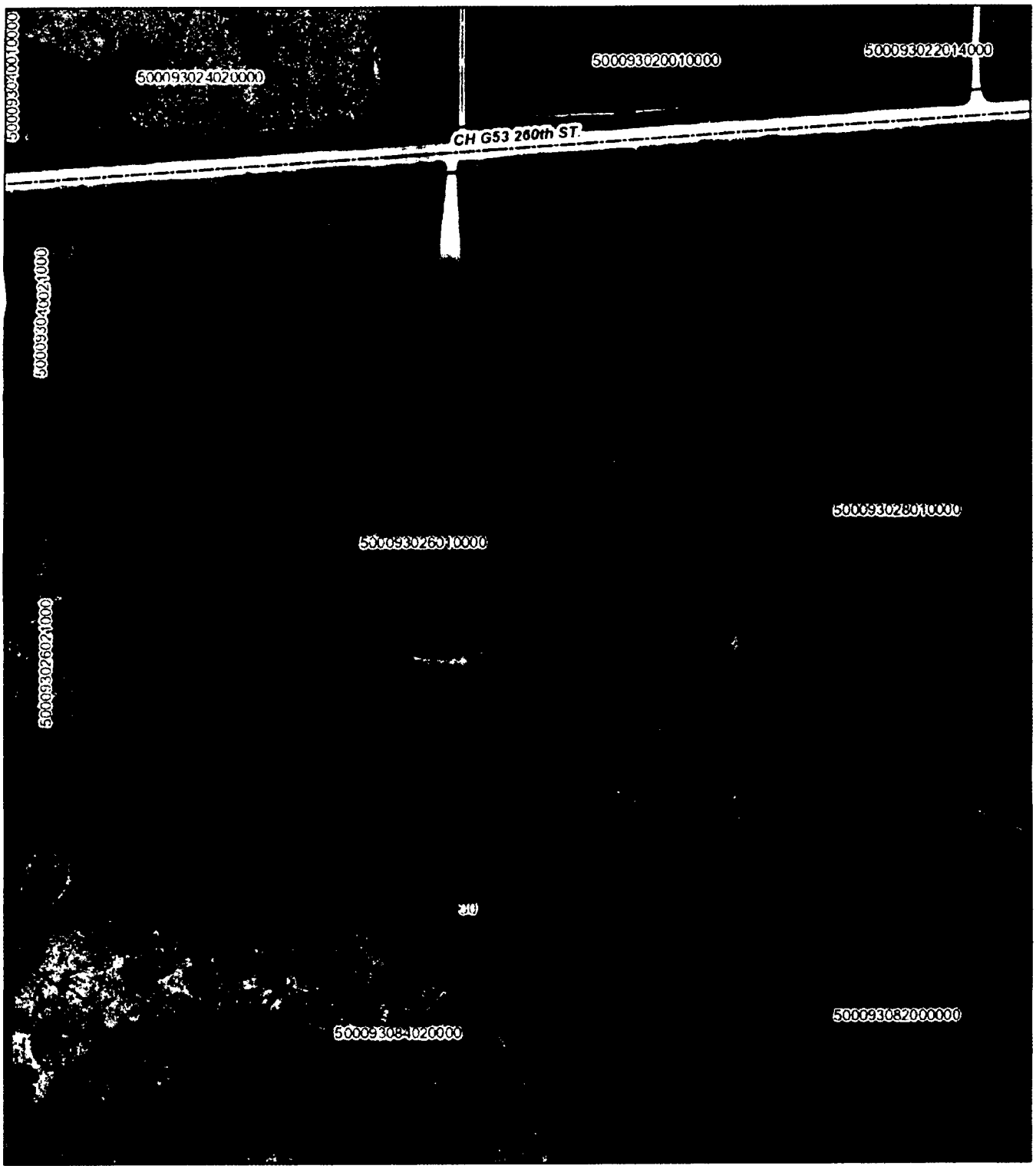
9.. Secondary Treatment Area

Laterals	Type: 36" low profile	Length of each: 80	Total number: 3			Maximum trench Depth: 32"
Sand Filter	Square ft:	Length:	Width:			
Peat System	Model:	Manufacturer:				
Other	Description:					

I hereby attest the truth and accuracy of all facts and information presented on this application. Request for inspection of the system must be made 24 hours in advance. Water at the site to test the distribution box must be available. Discharging systems must be covered by a maintenance agreement, which shall be recorded in the Madison County Recorders Office. Discharging systems also require periodic testing as set forth in IAC Chapter 69 and Madison County Environmental Health Regulations.

Applicant Signature: J Whitten — Date: 4-5-19

It is unlawful to start construction, reconstruction, or repair of any PSDS prior to issuance of a PSDS permit by the Environmental Health Officer.



Parcel ID	5000930260100000	**Alternate ID**	n/a	**Owner Address**	WHITTEN, CINDA & JAMES
Sec/Twp/Rng	30-75-26	**Class**	A		2846 260TH ST
Property Address	2846 260TH ST	**Acreage**	35.63		ST CHARLES, IA 50240
	ST CHARLES				
District	SOUTH I-35 STCFD				
Brief Tax Description	E 36A SW NE EX				
	.37A RD				

(Note: Not to be used on legal documents)

Get It Dug, LLC

Soil Site Evaluation Report – revised 6 14 19

Job Site - James Whitten, 2846 260th st, St Charles, Ia.

I went to the job site on March 27th, 2019 to complete a soil site evaluation. I used the official USDA soil map to determine potential areas for a home septic system. I completed soil borings to verify the soil and to determine the soil suitability for a septic system. The soil identified at this site was Hedrick silty clay loam an inclusion in the Clinton soil map unit. A detailed soil description was completed to a depth of 72 inches. A GPS point recording was also completed.

It is my conclusion that this site is suited to a conventional septic system. It is important that the proposed leach field be protected from compaction by heavy equipment. Fencing should be considered it lateral field is next to cropland. Trenches should not be dug when soil is wet to prevent smearing of sidewalls and bottom of the trench. A curtain drain 5-7 ft deep should be installed on the top side of the leach field.

My findings show that 100 ft. of laterals are needed for his metal building with bathroom only. This is based on the flowage rate calculated for Hedrick soil type and a minimum sized system. Calculation is based on 150/gal/day, .45 average flowage rate and 3ft wide trenches.

The smallest concrete septic tanks are 1250 gal.

The treatment site shall be protected from any and all traffic, and any soil disturbances, disturbing the treatment site shall void this recommendation.

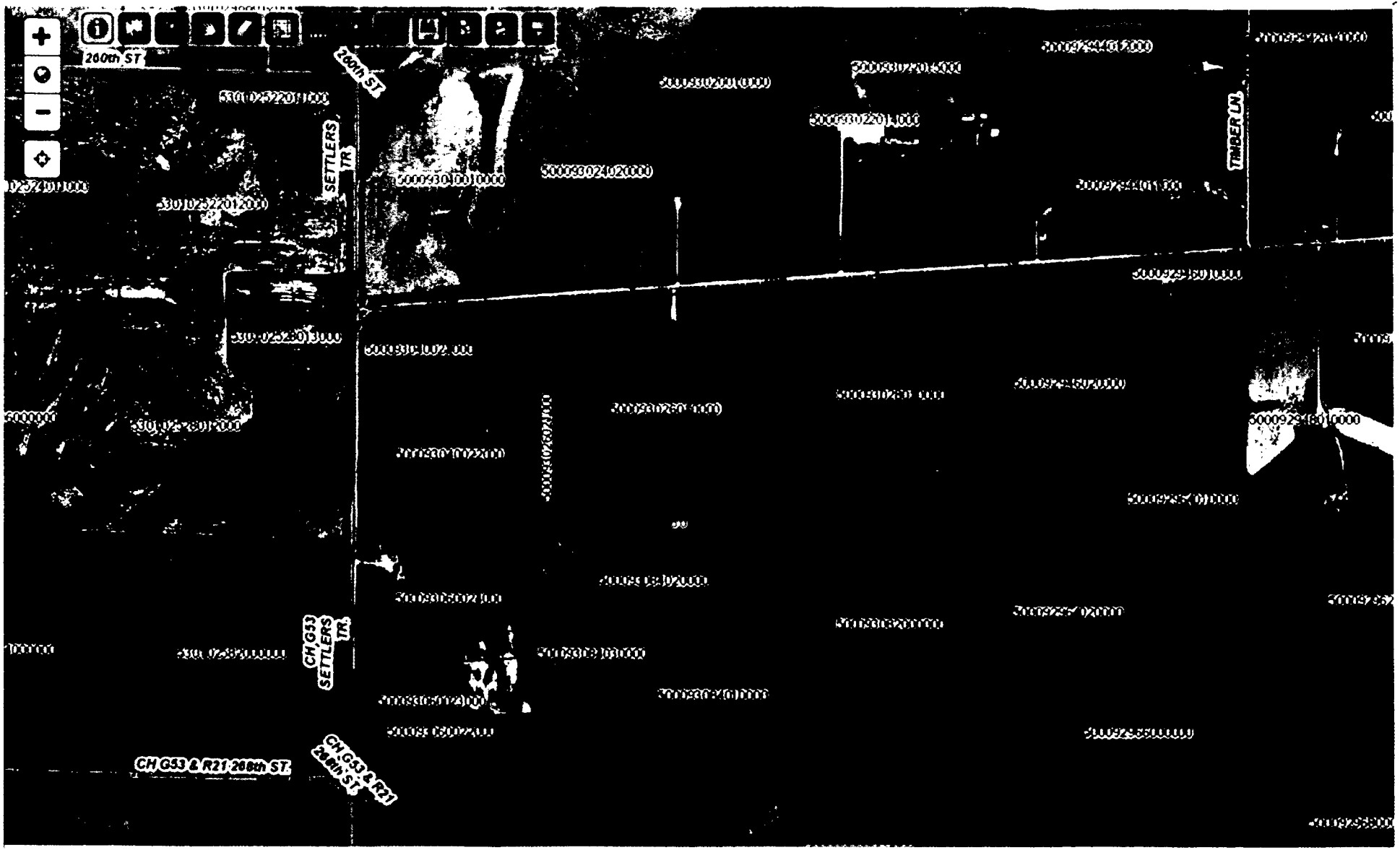
Recommendations are only to assist property owner and their agents in complying with standards and are subject to approval by the local environmental health office.

The owner and contractor are responsible for verifying that the system is within property boundaries.

Doug Oelmann

Soil Scientist

Attachment



Parcel ID	500093026010000	**Alternate ID**	n/a	**Owner Address**	WHITTEN, CINDA & JAMES
Sec/Twp/Rng	30-75-26	**Class**	A		2846 260TH ST
Property Address	2846 260TH ST	**Acreage**	35 63		ST CHARLES, IA 50240
	ST CHARLES				
District	SOUTH				
Brief Tax Description	E 36A SW NE EX				
	37A RD				

4/8/19

DATE ~~3/24/19~~ CONDUCTED BY **Oelmann**

HOMEOWNER **James Whitten** ADDRESS **2846 260th st**

CITY **St Charles** STATE **IA** ZIP

SECTION NO. COUNTY **Madison**

LANDSCAPE LANDFORM SLOPE TYPE (Place X on Diagrams Back of Sheet)

SOIL SYMBOL C2C2 SOIL NAME Hamburg [illegible]

ASPECT SW SLOPE ~5 % SOIL PERMEABILITY MS

DEPTH (Inches)	HORIZON	SOIL TEXTURE	COLOR MATRIX	COLOR REDOX	COATS or CLAY FILMS	STRUCTURE	CONSISTENCY	ROOTS	POUL DARI	MOIST STATE	COMPACTION	PM or REMARKS	FOSSILS DATE
0-7	A	Scl	10yr 3/1	—		2 fsbk	fr	f	2	Dist	None	Loess	
7-18	Bt1	Scl	10yr 4/3	—	Common	2 msbk	fr		3				
18-22	2	Scl	↓	5YR 5/8	Common	2 msbk	fr		3				
22-28	Btg1	hrv scl	10yr 5/2	C 2.5Y 6/1		2 msbk	fr		3				15
28-40	Btg2	Scl	↓	↓		2 msbk	fr		4				45
40-60	BC	hrv scl	2.5y 5/2	C 2.5 5/1,5Y		2 msbk	fr						
60-72	C	↓	↓										

PM = PARENT MATERIAL – (1) Loess (2) Glacial till, (3) Weathered Glacial Till, (4) Valley [illegible] Note: For additional Colluvium & (7) Alluvium

Described By: [illegible]

Revised 4/8/19 - Page 1

Hedrick soil Wh. Hen Revised 6/14/19

DEPTH OF POTENTIAL SEASONAL HIGH WATER TABLE (ft.) 4-6

SOIL BORINGS:	#1 Center Stake	#2 N	#3 S	#4 E	#5 W
THICKNESS OF SURFACE SOIL (in.):	#1 6	#2 7	#3 7	#4 6	#5 7
DEPTH TO REDOX FEATURES: DEPLETIONS:	#1 10	#2 12	#3 11	#4 12	#5 10
DEPTH TO GRAY MATRIX:	#1 22	#2 24	#3 21	#4 26	#5 25
DEPTH OF LIMITING LAYERS (KD/in.)	#1 >72	#2 >72	#3 >72	#4 >72	#5 >72
DEPTH TO CLAY MAXIMUM:	#1 23	#2 23	#3 22	#4 23	#5 24
DEPTH OF ACTIVE W.T.:	#1 >60	#2 >60	#3 >60	#4 >60	#5 >60

STATE IA COUNTY Madison ZIP _____

LATITUDE 41.26807 LONGITUDE 93.89078 ELEVATION (Ft.) 1081

of ~~Bedrooms~~ bathroom 1 AVERAGE LOADING RATE .145

GPD = 150 gallon per bedroom GPD = 150 LR = .45 LLR = 333

TW = ~~___ ft. = ___ ft.~~

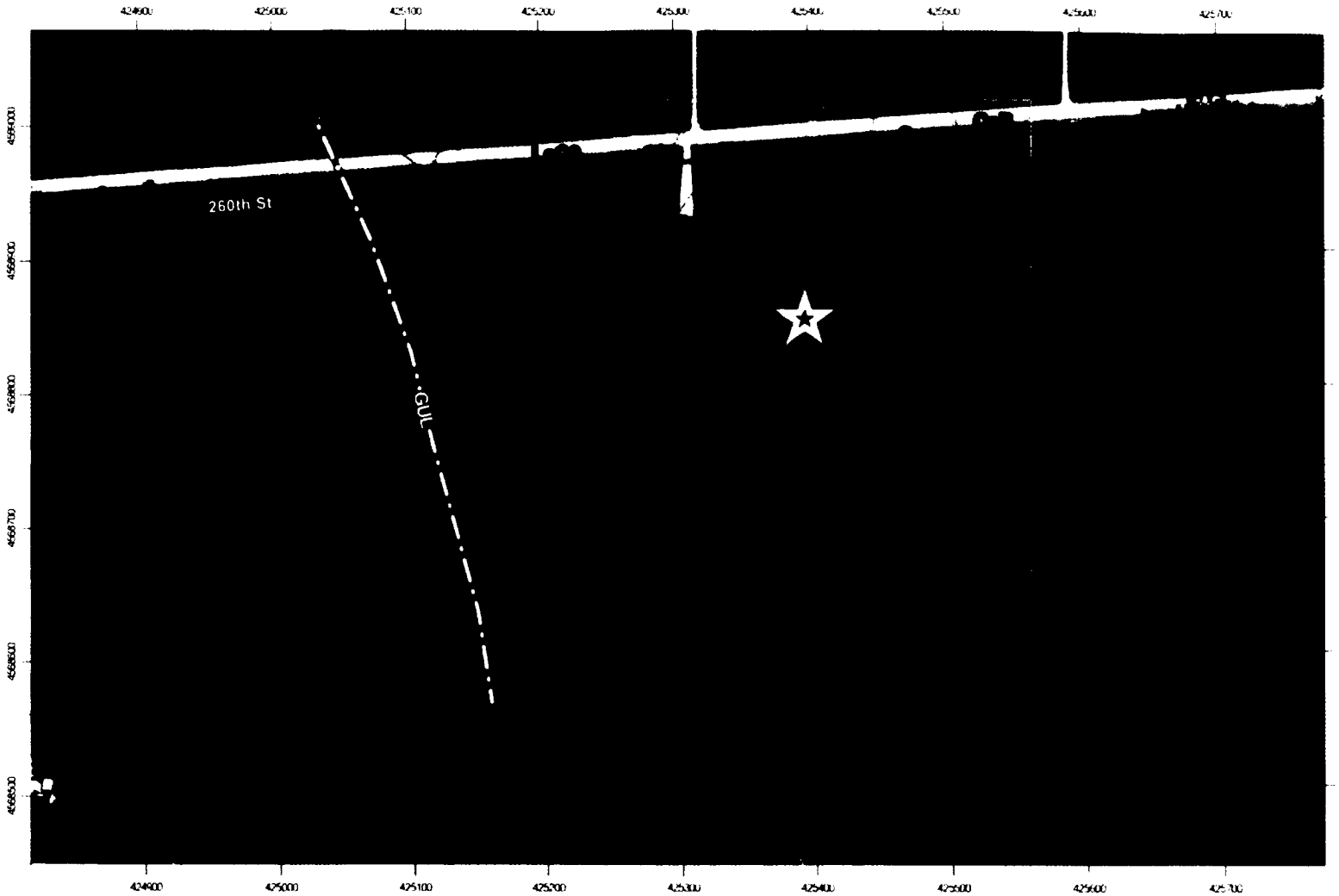
TW = 3 = 111 ft. = 100 ft.

* 2-50ft Laterals work best for area available

* Lateral dept 24-32"
* Lateral Spacing 10'
* curtain drain 5-7' deep topside

Formula: Gallons Per Day/Loading Rate = Linear Loading Rate/Trench Width = Total Footage
Example: 450 GPD/.5 LR = 900 LLR

Soil Map—Madison County, Iowa
(Whitten)



Map Scale: 1:4,390 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 50 100 200 300

Feet
0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Madison County, Iowa
Survey Area Data: Version 22, Sep 7, 2018

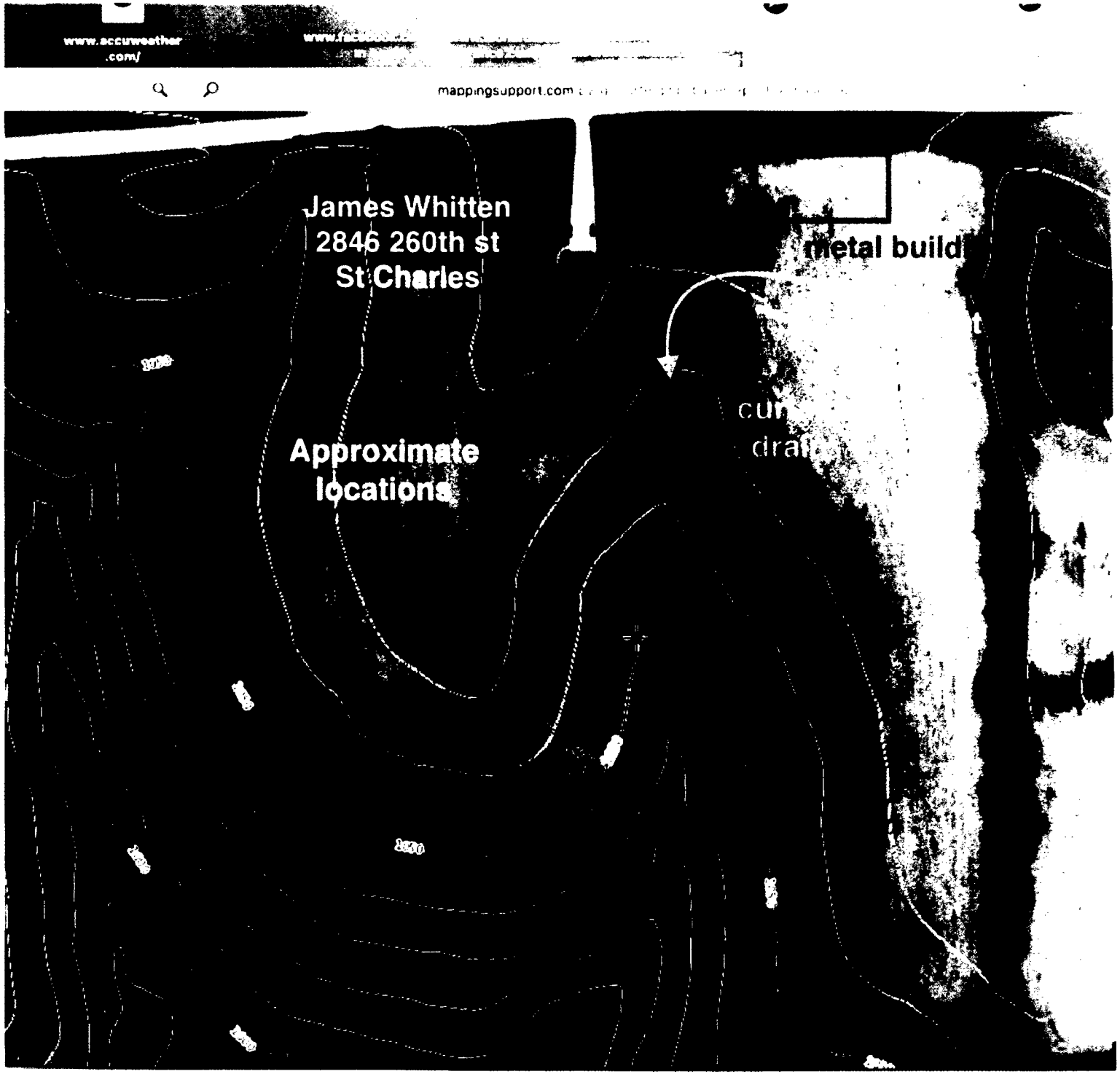
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 21, 2009—Sep 19, 2016

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

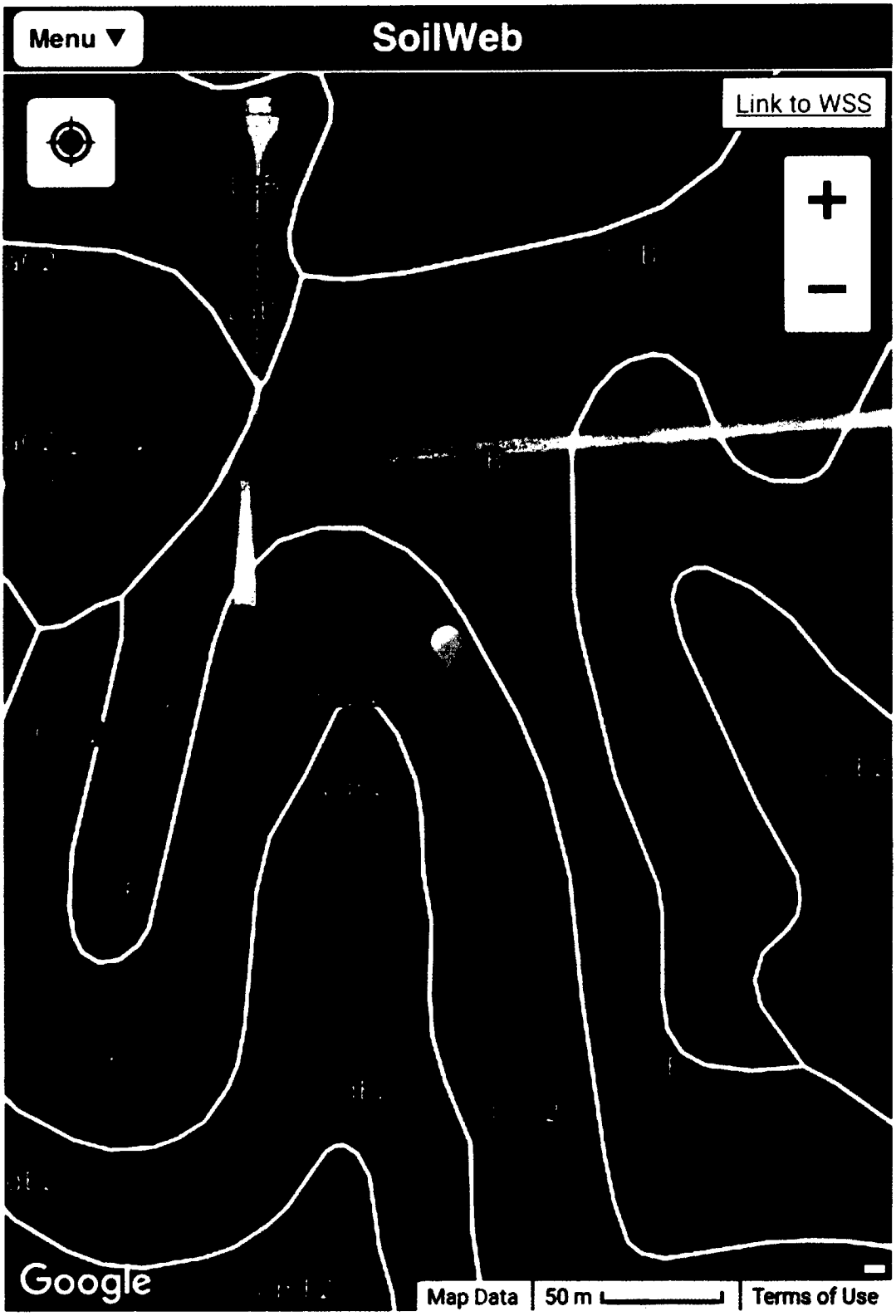
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CmF2	Clarion-Gosport silt loams, 18 to 25 percent slopes, moderately eroded	8.9	13.1%
CoC	Clearfield silty clay loam, dissected till plain, 5 to 9 percent slopes	0.9	1.3%
CsB	Clinton silt loam, 2 to 5 percent slopes	8.2	12.1%
CsC2	Clinton silt loam, 5 to 9 percent slopes, eroded	17.1	25.2%
CyB	Colo-Ely silty clay loams, gullied, 2 to 5 percent slopes	7.9	11.6%
GaE2	Gara loam, dissected till plain, 14 to 18 percent slopes, eroded	7.4	10.9%
LaC2	Ladoga silt loam, dissected till plain, 5 to 9 percent slopes, eroded	3.2	4.8%
LdE2	Lindley loam, 14 to 18 percent slopes, moderately eroded	10.7	15.8%
LdF	Lindley loam, 18 to 25 percent slopes	0.2	0.3%
StG	Steep rock land	3.3	4.8%
W	Water	0.1	0.1%
Totals for Area of Interest		**67.9**	**100.0%**


www.accuweather
.com/
mappingsupport.com
James Whitten
2846 260th st
St Charles
metal build
Approximate
locations

VZW LTE 12:30 PM 42%

SoilWeb: An Online Soil Survey Brows



Michael Fairchild

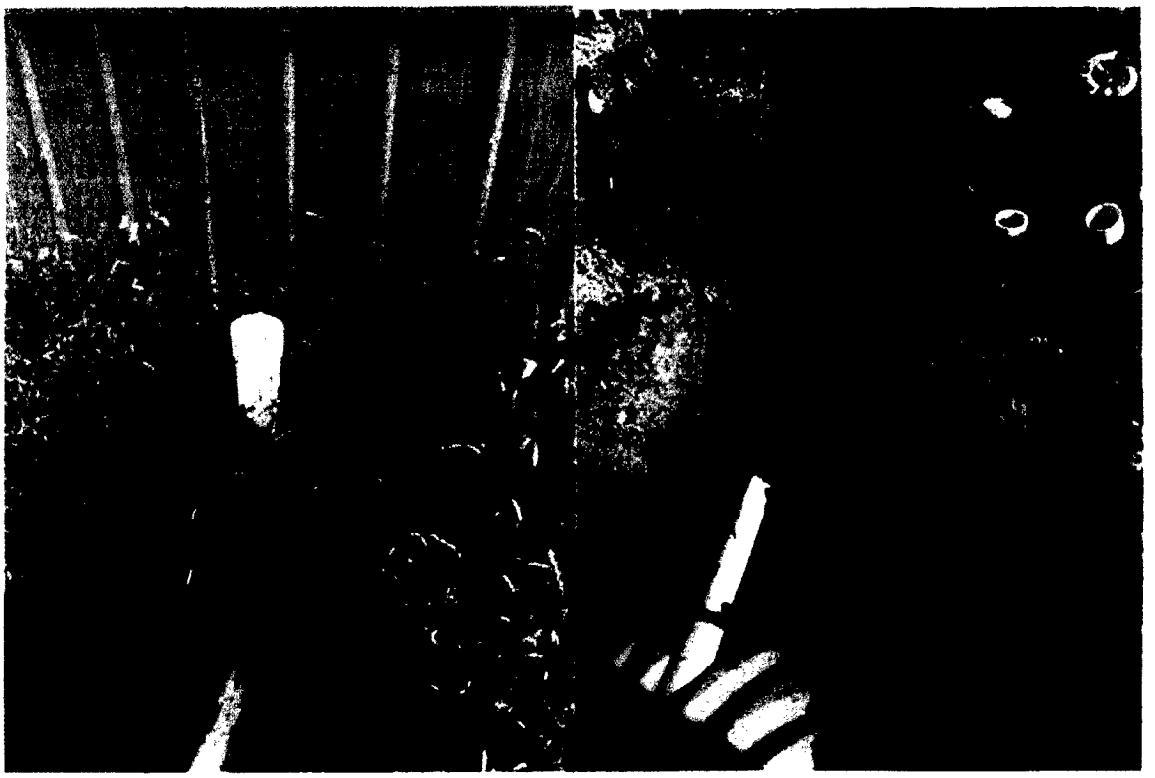
From: whittenworx@gmail.com
Sent: Wednesday, October 9, 2019 11:55 AM
To: Michael Fairchild
Subject: Tank change

Sent from my iPhone. Mike I would like to change to an 1300 gallon AK poly tank from municipal supply in Des Moines and cross out the cement tank from Indianola precast. Thank you!

10-18-2019

2846 260th St
St. Charles

Permit# 037-19





10-18-2019 2846 260th St St. Charles Permit# 037-19

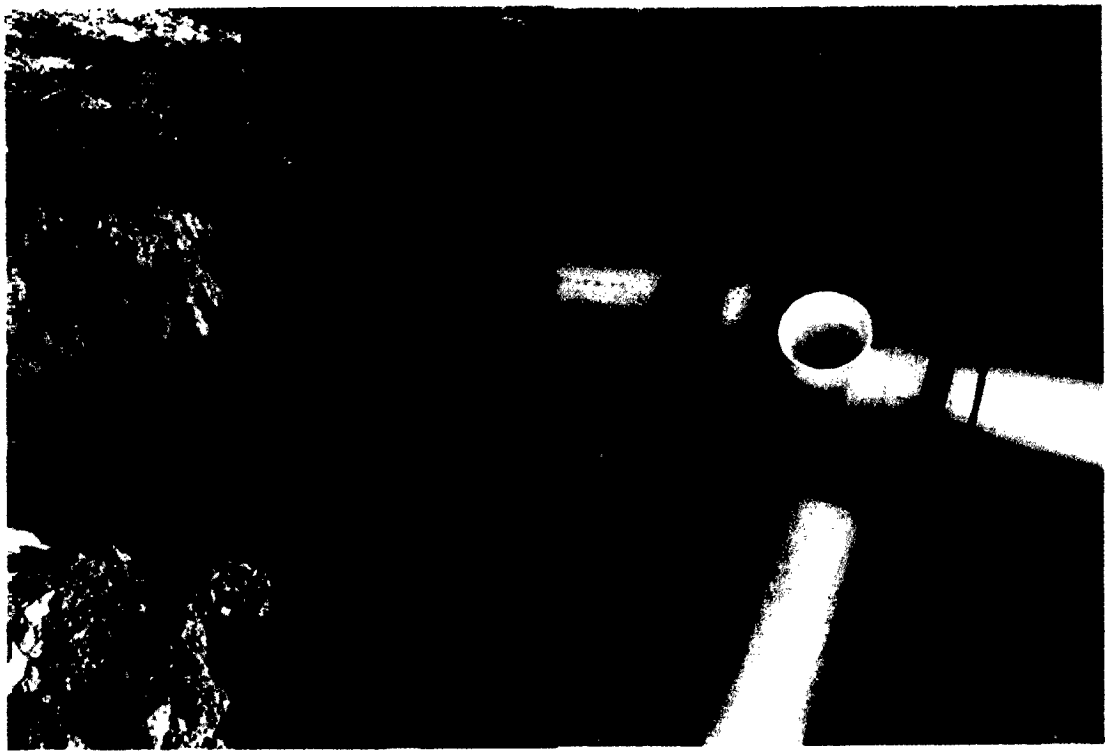




10-18-2019

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MADISON COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
PRIVATE SEWAGE SYSTEM INSPECTION REPORT
SUBSURFACE SOIL ABSORPTION-LATERALS

GENERAL INFORMATION			
Owner: James Whitten		Contractor: James Whitten	
Address: 2864 266th		Inspector: Fairchild	
Inspection Date: 2-18-2019		☑ Approved	☐ Denied
S = Satisfactory	U = Unsatisfactory	NA = Not Applicable	

S U NA	SITE PREPARATION
☑☐☐	**Septic Permit Issued #** 037-19
☑☐☐	**Soils Analysist ID:** Williams
☑☐☐	**System Exposed for Inspection**

S U NA	SETBACKS	Minimum Setbacks to Closed/Open Portions of Septic System
☑☐☐	**Private Water Well**	50'/100'
☑☐☐	**Shallow Public Water Well**	200'/400'
☑☐☐	**Deep Public Water Well**	100'/200'
☑☐☐	**Heat Pump Borehole**	50'/100'
☑☐☐	**Lake or Reservoir**	50'/100'
☑☐☐	**Stream or Pond**	25'/25'
☑☐☐	**Edge of Drainage Ditch**	10'/10'
☑☐☐	**Dwelling or Other Structure**	10'/10'
☑☐☐	**Property Lines**	10'/10' (unless an easement signed & recorded)
☑☐☐	**Other Subsurface Treatment Systems**	5'/10'
☑☐☐	**Water Line Under Pressure**	10'/10'
☑☐☐	**Suction Water Line**	50'/100'
☑☐☐	**Foundation Drain or Subsurface Tiles**	10'/10'

S U NA	SEWER PIPE FROM BUILDING TO PRIMARY TREATMENT	
☑☐☐	**Minimum Setbacks to Wells**	Private Wells 10' / Public Wells 25'
☑☐☐	**Material**	Sch.40 Plastic Pipe (or SDR 26 or Stronger) or Cast Iron
☑☐☐	**Cleanouts**	At Building & every 100' & each >45° Direction Change

S U NA	PRIMARY TREATMENT – SEPTIC TANK					
☑☐☐	**Gallon Capacity**	☒1250	☐1500	☐1750	☐2000	☐ Other
☑☐☐	**Watertight Material**	☐Concrete	☐ Fiberglass	☒ Plastic (ribbed const.)		
☑☐☐	**Manufacturer**	AK 1300				
☑☐☐	**Compartments**	At least 2 Compartments or 2 tanks in series				
☑☐☐	**Influent Compartment**	1/2 to 2/3 of total tank capacity				
☑☐☐	**Effluent Compartment**	1/3 to 1/2 of total tank capacity				
☑☐☐	**Inlet**	2" to 4" higher than outlet				
☑☐☐	**Baffles**	4" Diameter Schedule 40 plastic tees				
☑☐☐	**Effluent Screen**	Meets NSF Standard 46 or equivalent				

☑☐☐	**Watertight Risers**	Minimum 18" Diameter at or above ground surface
☑☐☐	**Inlet/Outlet Connections**	Self-sealing gaskets formed or cast into tank material
☑☐☐	**Schedule 40 Pipe**	At least 5' past outlet & 2' past disturbed ground

S	U	NA	**DOSING SYSTEMS**		
☐	☐	☐	**Type**	☐Pump	☐Siphon ☐ Other:
☐	☐	☐	**Watertight Pit**	At least 24" in diameter	
☐	☐	☐	**Watertight Riser**	With tight-fitting cover at or above ground level	
☐	☐	☐	**Pump**	Submersible Pump of corrosion-resistant material	
☐	☐	☐	**Pressure Line Size**	Not smaller than outlet of pump it serves	
☐	☐	☐	**Pressure Line Drainage**	Drains between dosing or buried below frost level	
☐	☐	☐	**High Water Alarm**	Visual or Audio Alarm to alert of high water in pit	
☐	☐	☐	**Electrical Connection**	No Connections located inside pump pit	

S	U	NA	**DISTRIBUTION BOX**
☑	☐	☐	**Placement** — Placed on undisturbed soil
☑	☐	☐	**Material** — Corrosion-resistant rigid plastic
☑	☐	☐	**Baffle** — Pipe tee or baffle at inlet
☑	☐	☐	**Outlet Heights** — Outlets at same level & minimum 4" above bottom of box
☑	☐	☐	**Levelers** — Outlets equipped with leveling device for equal flow
☑	☐	☐	**Unused Outlets** — Securely closed
☑	☐	☐	**Header Pipes** — Rigid PVC (ASTM Standard 2729 or stronger)

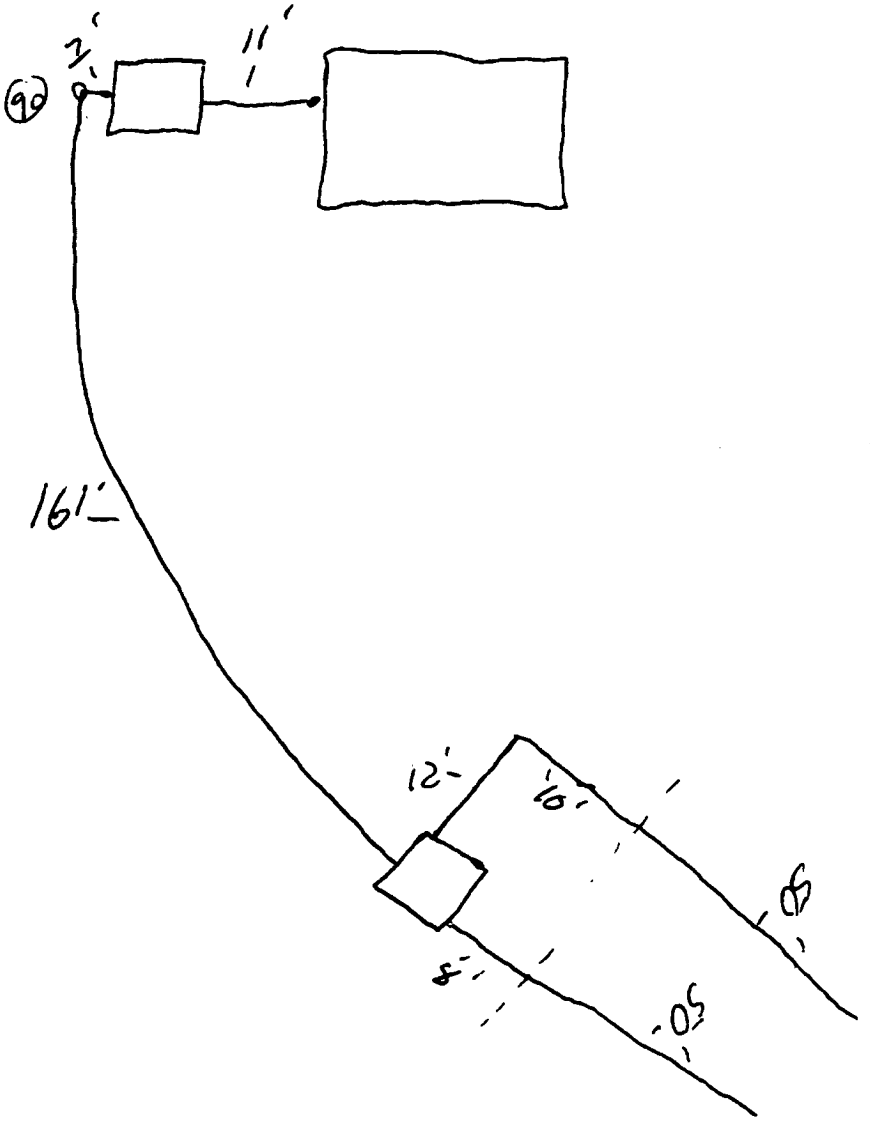
S	U	NA	**LATERALS**			
☑	☐	☐	**Material**	☒Chamber	☐Tile	☐ Other:
☑	☐	☐	**Trench Width**	☐24"	☑36"	☐ Other:
☑	☐	☐	**Total Length**	Required: [illegible] Ft.	Installed: [illegible] Ft.	
☑	☐	☐	**Number of Lines**	Trenches installed at equal lengths		
☑	☐	☐	**Spacing**	6' minimum between trenches		
☑	☐	☐	**Depth**	Max. trench depth of [illegible] inches (See perc/soil test)		
☑	☐	☐	**Soil Cover**	6" Minimum soil cover over laterals		
☑	☐	☐	**Confining Layer**	3' Minimum separation between confining layer & trench bottom		
☑	☐	☐	**Perc/Soil Test**	Lateral field installed in perc/soil test area		
☑	☐	☐	**Water Discharge**	No sump, roof, foundation, or storm drains discharging into or upon field		
☑	☐	☐	**Distribution Pipe**	4" Ridged PVC pipe or approved alternative		
☐	☐	☑	**Aggregate Material**	Minimum 6" approved aggregate below & enough to cover pipe		
☐	☐	☐	**Separation Material**	Material laid to separate aggregate from soil		
☑	☐	☐	**Other Construction**	No construction of any kind over system		

Additional Comments:

This report indicates the condition of the installed private sewage system at the time of inspection & does not guarantee the future condition or proper function of the system. To the best of my knowledge, all listed local & state ordinances have been adhered to.

[illegible]

Inspector Date



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