

520 Lafayette Road North St. Paul, MN 55155-4194

## Compliance inspection report form

**Existing Subsurface Sewage Treatment System (SSTS)** 

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at <a href="https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf">https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf</a>.

Property information	Local tracking	number:
Parcel ID# or Sec/Twp/Range: 31.028.20.21.0002	Reason for Inspection	property sale
Local regulatory authority info: Washington County		
Property address: 12587 50th St S Afton, MN 55001		
Owner/representative: Barry Nelson		Owner's phone: 651-276-8145
Brief system description: Two septic tanks and a pump tank lifti	ng to a gravity drainfield.	
System status		
System status on date (mm/dd/yyyy): 8/11/2022		
☐ Compliant – Certificate of compliance*	☐ Noncompliant – Noti	ce of noncompliance
(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04. subdivision 8 is discovered or	use discontinued within the t	ound water must be upgraded, replaced, or time required by local ordinance. health and safety (ITPHS) must be
a shorter time frame exists in Local Ordinance.)		se discontinued within ten months of receipt
*Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.	of this notice or within a shounder section 145A.04 subd	rter period if required by local ordinance or
Reason(s) for noncompliance (check all applicate	ole)	
☐ Impact on public health (Compliance component #1	) – Imminent threat to public	health and safety
☐ Tank integrity (Compliance component #2) – Failing		
☐ Other Compliance Conditions (Compliance compon	ent #3) – <i>Imminent threat to</i>	public health and safety
☐ Other Compliance Conditions (Compliance compon	ent #3) – Failing to protect g	roundwater
System not abandoned according to Minn. R. 7080.	2500 (Compliance compone	nt #3) – Failing to protect groundwater
☐ Soil separation (Compliance component #5) – Failing	ng to protect groundwater	
☐ Operating permit/monitoring plan requirements (Cor	mpliance component #4) - N	loncompliant - local ordinance applies
Comments or recommendations		
Reviewed design, permit and soil records on file at the C	ity of Afton.	
Countificantias		
Certification		
I hereby certify that all the necessary information has been gathered future system performance has been nor can be made due to unkno inadequate maintenance, or future water usage.	own conditions during system c	onstruction, possible abuse of the system,
By typing my name below. I certify the above statements to be true used for the purpose of processing this form.	e and correct, to the best of my	knowledge, and that this information can be
Business name: All State Septic Services LLC		Certification number: 323
Inspector signature: Tom Trooien		License number: 1568
(This document has been electronically sig	gned)	Phone: <u>612-594-4496</u>
Necessary or locally required supporting do	ocumentation (must	be attached)
Soil observation logs System/As-Built Locally I □ Other information (list):		
https://www.pca.state.mn.us • 651-296-6300 • 800-657-38 wa-wwists4-31b • 4/28/2021	64 • Use your preferred rel	ay service • Available in alternative formats  Page 1 of 4

Compliance criteria:   System discharges sewage to the ground surface   Yes S No   Other:   Not applicable	npact on public health — Co	.c ompliar	nce comp		te: <u>8/11/2022</u>
System discharges sewage to the ground surface  System discharges sewage to drain tile or surface waters.  System causes sewage backup into dwelling or establishment.  Any "yes" ar swer above indicates the system is an immunity times to public insum mo sarety.  Describe verification methods and results:  None of the above observed.   Attached supporting documentation:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their designed operating depth?  If yes, which sewage tank(s) leaks:  Any "yes" answer above indicates the system is an immunity time to protect groundwater.  Any "yes" answer above indicates the system is an immunity time. R. 7082.0700 subp. 4 B (1))  Tank is Noncompliant (pumping not necessary – explaints).					ation:
System discharges sewage to drain tile or surface waters.  System causes sewage backup into dwelling or establishment.  Any "yes" arawar above indicates the system is an imment threat to public heathr and safery.  Describe verification methods and results:  None of the above observed.  Attached supporting documentation:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their designed operating depth?  If yes, which sewage tank(s) leaks:  Any "yes" answer above indicates the system is fulling to protect groundwater.  Any "yes" answer above indicates the system is fulling to protect groundwater.  System consists of a seepage pit. See Singular tanks and protect groundwater.  Attached supporting documentation:  Attached supporting documentation:  Empty tank(s) viewed by inspector  Empty tank(s) viewed by inspector  Empty tank(s) viewed by inspector  Empty tanks (s) vie	System discharges sewage to the	☐ Yes	⊠ No	Other:	
Any "yes" answer above indicates the system is an imment timest to public health and safety.  Describe verification methods and results:  None of the above observed.  Attached supporting documentation:  System consists of a seepage pit. Seesage tank(s) leak below their designed operating depth?  Sewage tank(s) leak below their designed operating depth?  Any "yes" answer above indicates the system is fulling to protect groundwater  Any "yes" answer above indicates the system is fulling to protect groundwater  Any system consists of a seepage pit. Seesage tank(s) leaks: Service License number of maintenance business: Service Existing tank integrity assessment (Attach)  Date of maintenance (must be within three year (See form instructions to ensure assessment compliant, R. 7082.0700 subp. 4 B (1))  Tank is Noncompliant (pumping not necessary – explain		Yes	⊠ No		
Describe verification methods and results:  None of the above observed.    Compliance component #2 of 5	,	Yes	No No		
Attached supporting documentation:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their designed operating depth?  If yes, which sewage tank(s) leaks:  Any "yes" answer above indicates the system is fulling to protect groundwater  Attached supporting documentation:  Empty tank(s) viewed by inspector  Em			rm is an		
Compliance criteria:       Attached supporting documentation:         System consists of a seepage pit. cesspool, drywell, leaching pit. or other pit?       □ Yes ☒ No       Empty tank(s) viewed by inspector         Sewage tank(s) leak below their designed operating depth?       □ Yes ☒ No       License number of maintenance business: 9755         Date of maintenance:       8/11/202         □ Existing tank integrity assessment (Attach)         Date of maintenance (mm/dd/yyyy):       (must be within three year         Any: "yes" answer above indicates the system is fulling to protect yroundwater       (See form instructions to ensure assessment compliant (pumping not necessary – explaints)         □ Tank is Noncompliant (pumping not necessary – explaints)	Trong of the above about real.				
System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their designed operating depth?  If yes, which sewage tank(s) leaks:  Any "yes" answer above indicates the system is failing to protect youndwater  System consists of a seepage pit. So No Empty tank(s) viewed by inspector  Name of maintenance business: Service  License number of maintenance business: 9755  Date of maintenance: 8/11/202  Existing tank integrity assessment (Attach)  Date of maintenance (mm/dd/yyyy): (must be within three year (See form instructions to ensure assessment compliant (pumping not necessary – explain Tank is Noncompliant (pumping not necessary – explain					
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Sewage tank(s) leak below their designed operating depth?    Date of maintenance: 8/11/202	Compliance criteria:  System consists of a seepage pit.			Attached supporting document	
Date of maintenance:    Existing tank integrity assessment (Attach)	Compliance criteria:  System consists of a seepage pit. cesspool, drywell, leaching pit,			Attached supporting document  ☑ Empty tank(s) viewed by inspector	r Pinky's Se
If yes, which sewage tank(s) leaks:  Any "yes" answer above indicates the system is failing to protect groundwater  Date of maintenance (mm/dd/yyyy): (must be within three year (See form instructions to ensure assessment compliant (See form instructions to ensure assessment compliant (Pumping not necessary – explain	Compliance criteria:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?	☐ Yes²	<b>⊠</b> No	Attached supporting document  ☑ Empty tank(s) viewed by inspector  Name of maintenance business:	Pinky's Se Service
If yes, which sewage tank(s) leaks:  Any "yes" answer above indicates the system is failing to protect youndwater  (See form instructions to ensure assessment compliant. R. 7082.0700 subp. 4 B (1))  Tank is Noncompliant (pumping not necessary – explain	Compliance criteria:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their	☐ Yes²	<b>⊠</b> No	Attached supporting document  Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance b	Pinky's Se Service
Any "yes" answer above indicates the system (See form instructions to ensure assessment compline is failing to protect yroundwater  (See form instructions to ensure assessment compline in failing to protect yroundwater  Tank is Noncompliant (pumping not necessary – explain	Compliance criteria:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their	☐ Yes²	<b>⊠</b> No	Attached supporting document  Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance b  Date of maintenance:	Pinky's Se Service susiness: 9755 8/11/2022
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The tanks were at normal operating level, then were pumped for the inspection. Lowered a camera into the empty tank bottoms, walls, covers, baffles, risers and maintenance hole covers ok.	Compliance criteria:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their designed operating depth?  If yes, which sewage tank(s) leaks:  Any "yes" answer above indicing is failing to protect groundward.  Describe verification methods and The tanks were at normal operating bottoms, walls, covers, baffles, riser.	Yes Yes the ter dresults:	No  No  No  System  n were pump intenance ho	Attached supporting document  ☑ Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance b  Date of maintenance:  ☐ Existing tank integrity assessment  Date of maintenance  (mm/dd/yyyy):  (See form instructions to ensure a  Minn. R. 7082.0700 subp. 4 B (1))  ☐ Tank is Noncompliant (pumping no  ☐ Other:  ed for the inspection. Lowered a camera is le covers ok.	Pinky's Se Service susiness: 9755 8/11/2022 (Attach) e within three years ssessment complie t necessary – explain
The tanks were at normal operating level, then were pumped for the inspection. Lowered a camera into the empty tank bottoms, walls, covers, baffles, risers and maintenance hole covers ok.  While not a compliance criteria, the wiring conduit to the pump tank is loose and the maintenance hole cover for the 2's septic tank has a small crack around the handle - recommend repairing or replacing these items ASAP.	Compliance criteria:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their designed operating depth?  If yes, which sewage tank(s) leaks:  Any "yes" answer above indiction failing to protect groundward is failing to protect groundward.  Describe verification methods and The tanks were at normal operating bottoms, walls, covers, baffles, riser While not a compliance criteria, the	Yes Yes dresults:	No  No  No  System  In were pump intenance houd it to the ponduit	Attached supporting document  ☑ Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance b  Date of maintenance:  ☐ Existing tank integrity assessment  Date of maintenance  (mm/dd/yyyy):  (See form instructions to ensure a  Minn. R. 7082.0700 subp. 4 B (1))  ☐ Tank is Noncompliant (pumping no  ☐ Other:  Ted for the inspection. Lowered a camera is le covers ok.  Lump tank is loose and the maintenance he	Pinky's Se Service  9755 8/11/2022  (Attach)  within three years) ssessment complied t necessary – explain the
bottoms, walls, covers, baffles, risers and maintenance hole covers ok.  While not a compliance criteria, the wiring conduit to the pump tank is loose and the maintenance hole cover for the 2	Compliance criteria:  System consists of a seepage pit. cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their designed operating depth?  If yes, which sewage tank(s) leaks:  Any "yes" answer above indiction failing to protect groundward is failing to protect groundward.  Describe verification methods and The tanks were at normal operating bottoms, walls, covers, baffles, riser While not a compliance criteria, the	Yes Yes dresults:	No  No  No  System  In were pump intenance houd it to the ponduit	Attached supporting document  ☑ Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance b  Date of maintenance:  ☐ Existing tank integrity assessment  Date of maintenance  (mm/dd/yyyy):  (See form instructions to ensure a  Minn. R. 7082.0700 subp. 4 B (1))  ☐ Tank is Noncompliant (pumping no  ☐ Other:  Ted for the inspection. Lowered a camera is le covers ok.  Lump tank is loose and the maintenance he	Pinky's Se Service  9755 8/11/2022  (Attach)  within three years) ssessment complied t necessary – explain the
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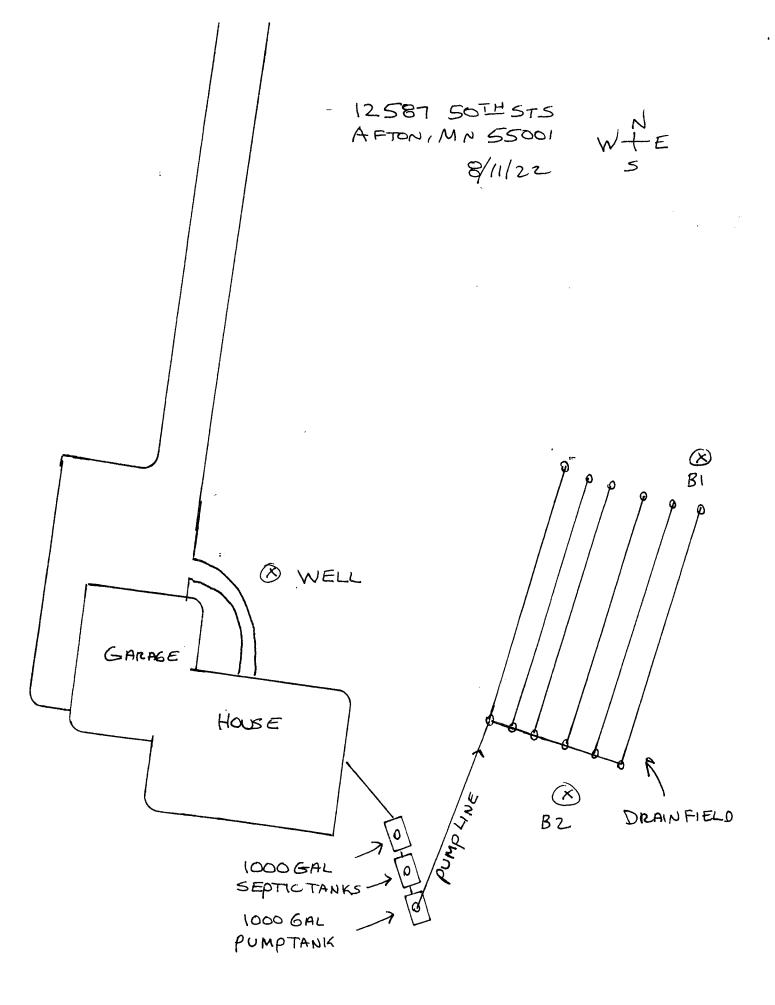
Property Address: 12587 50th St S A Business Name: All State Septic Serv				Date: _	8/11/2022
Other compliance cond	<b>tions</b> – Complianc	e component	#3 of 5		
3a. Maintenance hole covers app		•		ecured?	
☐ Yes   No ☐ Unknown					
3b. Other issues (electrical hazards	, etc.) to immediately and a	adversely impact pu	blic health or safe	ty? 🗌 Yes	☑ No ☐ Unknov
"Yes to 3a or 3b - System is	an imminent threat to p	thic beath and so	ifet)		
3c. System is non-protective of g	ound water for other cond	itions as determined	by inspector?	☐ Yes <sup>s</sup>	<b>⊠</b> No
3d. System not abandoned in acc	ordance with Minn. R. 708	80.2500?		☐ Yes®	<b>⊠</b> No
*Yes to 3c or 3d - System is		rvajer			
Describe verification metho	ds and results:				
Attached supporting docum	nentation: $\square$ Not applicat	ole $\Pi$			
Attached supporting docur	nentation: 🗌 Not applical	ole 🗌			
., -			nponent #4 (	of5 ⊠r	Not applicable
. Operating permit and n	itrogen BMP* – Co				
. Operating permit and n	itrogen BMP* – Co	ompliance con	☐ Yes ☐ No	If "yes", A	below is require
Is the system operated under an Cols the system required to employ a	itrogen BMP* — Co perating Permit? Nitrogen BMP specified in	ompliance con	☐ Yes ☐ No	If "yes", A	below is require
Is the system operated under an O is the system required to employ a BMP = Best Management Ph	itrogen BMP* — Consperating Permit?  Nitrogen BMP specified in actice(s) specified in the s	ompliance con in the system design ystem design	☐ Yes ☐ No ? ☐ Yes ☐ No	If "yes", A If "yes", B	below is require
Is the system operated under an Collis the system required to employ a BMP = Best Management Plant If the answer to both question	itrogen BMP* — Consperating Permit?  Nitrogen BMP specified in actice(s) specified in the s	ompliance con in the system design ystem design	☐ Yes ☐ No ? ☐ Yes ☐ No	If "yes", A If "yes", B	below is require
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Is the system operated under an Onlish the system operated under an Onlish the system required to employ a BMP = Best Management Polish the answer to both question Compliance criteria:  a. Have the operating permit results in the system operating permit results in the system of the system of the system of the system operating permit results in the system operated under an Online in the system operation of the system operation operated under an Online in the system operation operated under an Online in the system operate	perating Permit?  Nitrogen BMP specified in the sactice(s) specified in the sactice in the sactice in the sactice in the sactice.  Quirements been met?	ompliance con  In the system design  ystem design In does not need  Yes  ctioning? Yes	☐ Yes ☐ No ? ☐ Yes ☐ No  to be complete ☐ No	If "yes", A If "yes", B	below is require
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Is the system operated under an Obligation is the system required to employ a BMP = Best Management Plant If the answer to both question Compliance criteria:  a. Have the operating permit reduced by the individual of the system of the syste	perating Permit?  Nitrogen BMP specified in the sactice(s) specified in the sactice in the sacti	ompliance con  In the system design  ystem design In does not need  Yes  ctioning? Yes	☐ Yes ☐ No ? ☐ Yes ☐ No  to be complete ☐ No ☐ No ☐ No	If "yes", A If "yes", B	below is requir

Susiness Name: All State Septic Services L	LC	Date:	3/11/2022
Soil separation – Complian	ce component #5 c	of 5	
Date of installation 4/27/2005 (mm/dd/yyyy)	Unknown		
Shoreland/Wellhead protection/Food	☐ Yes ☒ No	Attached supporting documentation:	
beverage lodging?		☑ Soil observation logs completed for the second completed for the second complete compl	ne report
Compliance criteria (select one):		☐ Two previous verifications of required	l vertical separation
5a. For systems built prior to April 1, 19 not located in Shoreland or Wellhea Protection Area or not serving a foo beverage or lodging establishment:	d	☐ Not applicable (No soil treatment are:	а)
Drainfield has at least a two-foot ver separation distance from periodicall saturated soil or bedrock.			
5b. Non-performance systems built	☑ Yes ☐ No <sup>a</sup>	Indicate depths or elevations	
April 1, 1996, or later or for non- performance systems located in Sho	preland	A. Bottom of distribution media	1.4
or Wellhead Protection Areas or ser food, beverage, or lodging establish		B. Periodically saturated soil/bedrock	4.4
Drainfield has a three-foot vertical	mont.	C. System separation	3.0
separation distance from periodicall	y	D. Required compliance separation*	3.0
saturated soil or bedrock.*		*May be reduced up to 15 percent if all Ordinance.	owed by Local
5c. "Experimental", "Other", or "Perform systems built under pre-2008 Rules Type IV or V systems built under 20 Rules 7080. 2350 or 7080.2400 (Intermediate Inspector License req 2.500 gallons per day: Advanced In License required > 2.500 gallons pe	: 08 uired ≤ spector		
Drainfield meets the designed vertice separation distance from periodicall saturated soil or bedrock.			

## Describe verification methods and results:

Reviewed design, permit and soil records on file at the City of Afton.

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.



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## Soil Observation Log

v 04.01.2021

Project ID:

Client:			Barry Nelson		Locat	Location / Address:	12	12587 50th St S Afton, MN 55001	ı, MN 55001
Soil parent m	Soil parent material(s): (Check all that apply)	k all that	apply)	Outwash Cacustrine	Loess TIII	l Alluvium	m Bedrock	L	Matter
Landscape Po	Landscape Position: (select one)	)е)		Slope %:	Slope shape			Elevation L	Elevation-relative to benchmark:
Vegetation:				Soil survey map units:				Limiting Layer Elevation:	:levation:
Weather Conc	Weather Conditions/Time of Day:	Jay:					Date		08/11/22
Observatic	Observation #/Location:	B-1				∍sqO	Observation Type:	r	Auger
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	) Mottle Color(s)	Redox Kind(s)	Indicator(s)	l Shape	Structure	
		7016	10YR 3/2						
8 0	topsoil	<35%				340			
0,0	cilt loam	~ 35%	5YR 4/6			. 555 865	. / / / / / / / / / / / / / / / / / / /		
0	SILE COMI	) ) )						vvaa sangge	
	-	7036	7.5YR 4/4						
40-60	sitt loam	%C\$>							
			~~~~~				o oo ee ee ee ee	***************************************	
						AA 242 24			
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							- AM - IN	**************************************	
							XXX	***********	
						27 A. 400 .01	ond B		
		reconstruction of the							
Comments									
I hereby cert	tify that I have o	ompleted	hereby certify that I have completed this work in accordance with		all applicable ordinances, rules and laws.	s and laws.			
	Tom Trooien			Tom Trooien	u		1568	ı	8/11/22
(De	(Designer/Inspector)	(.		(Signature)			(License #)		(Date)

				Anna Anna
2000	20.00	200	100 to 10	

## Soil Observation Log

Project ID:

Proved Marketon							Project ID:			v 04.01.2021
lient:			Barry Nelson			Locat	Location / Address:	1,	12587 50th St S Afton, MN 55001	on, MN 55001
oil parent material(s): (Check all that apply)	erial(s): (Che	ck all that	apply)		Outwash DLacustrine	Loess Till	Alluvium	um Bedrock		Organic Matter
andscape Position: (select one)	tion: (select o	ine)			Slope %:	Slope shape			Elevati	Elevation-relative to benchmark:
Vegetation:				Soi	Soil survey map units:				Limiting Layer Elevation:	r Elevation:
Veather Conditions/Time of Day:	tions/Time of	Day:						Date		08/11/22
Observation	Observation #/Location:		B-2				Obs	Observation Type:	***************************************	Auger
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	rr(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Shane	Structure	
9-0	topsoil	<35%	10YR 3/2							
6-34	silt loam	<35%	7.5YR 5/4							
34-53	silt loam	<35%	7.5YR 4/4	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\						
eraproportion NANAMA contract		- C. (1938)		<b></b>						
		000441100000000000000000000000000000000		*********					AAA 333 334 444 AA	
Comments L	Comments Limestone at 53"	.33"								
l hereby certify T	fy that I have c Tom Trooien	completed	hereby certify that I have completed this work in accordance with Tom Trooien	ccordar	-	all applicable ordinances, rules and laws. Tom Trooien	s and laws.	1568		8/11/22
(Desi	(Designer/Inspector)	r)			(Signature)		-	(License #)		(Date)