Recorded: 9/3/2019 at 12:56:40.0 PM
County Recording Fee: $0.00
Iowa E-Filing Fee: $0.00
Combined Fee: $0.00
Revenue Tax:
Delaware County, Iowa
Daneen Schindler RECORDER
BK: 2019 PG: 2391

REAL ESTATE TRANSFER - GROUNDWATER HAZARD STATEMENT

TO BE COMPLETED BY TRANSFEROR

TRANSFEROR:

Name Travis J. Mensen and Meghan L. Mensen

Address 1895 310th St., Ryan, IA 52330

Number and Street or RR | City, Town or P.O. | State | Zip

TRANSFEREE:

Name Molly Lynch and Shane Nachtman

Address 131 Tower Dr. Ste. 100, Waterloo, IA 50701

Number and Street or RR | City, Town or P.O. | State | Zip

Address of Property Transferred:
1895 310th St, Ryan, IA 52330

Number and Street or RR | City, Town or P.O. | State | Zip

Legal Description of Property: (Attach if necessary) Parcel 2016-05 Part of the Southeast Quarter (SE¼) of the Southeast Quarter (SE¼) of Section Sixteen (16), Township Eighty-Seven North (T87N), Range Five West (R5W) of the Fifth Principal Meridian, Delaware County, Iowa, according to the plat recorded in Book 2016, Page 43.

1. **Wells (check one)**
   - ___ There are no known wells situated on this property.
   - X 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. East of the house
2. **Solid Waste Disposal (check one)**
   - X There is no known solid waste disposal site on this property.
   - ___ 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)**
   - X There is no known hazardous waste on this property.
   - ___ 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)**
   - X 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.)
   - ___ 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)**
   - [X] There are no known private burial sites on this property.
   - [ ] 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)**
   - [ ] All buildings on this property are served by a public or semi-public sewage disposal system.
   - [ ] This transaction does not involve the transfer of any building which has or is required by law to have a sewage disposal system.
   - [X] 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.
   - [ ] 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.
   - [ ] There is a building served by private sewage disposal system on this property. 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.
   - [ ] 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 #9]
   - [ ] This property is exempt from the private sewage disposal inspection requirements pursuant to the following exemption [Note: for exemption #9 use prior check box]: _____.
   - [ ] The private sewage disposal system has been installed within the past two years pursuant to permit number _____.

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

well - East of house

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

Signature: Travis J Mensen (Transferor or Agent) Telephone No.: (563) 608-3591

DELAWARE COUNTY
WATER AND SANITATION OFFICE
Dennis Lyons

301 East Main St.
Manchester, Iowa 52057

Phone 563-927-5925 Cell # 563-920-5185

e-mail: dlyons@co.delaware.ia.us

8/20/2019
To whom it Concerns;

Upon receiving the failing of the Time of transfer at 1895 310th St Ryan.
The contractor, the septic tank manufacturer, and the sanitarian met to fix the problems at the site. The baffle was put in by the manufacturer that was omitted at the time of delivery. The installer then raised up the d-box to about 12 inches of depth and instead of going north where the soil was saturated and making the lines to deep. We went south where the lines are 18 inches deep. This will take care of any issues with the septic system. The main reason for the failure was the extreme amount of rain we had in Delaware County the past 12 months.

Thank You

Dennis Lyons

33016 60011 00

Time of Transfer Inspection Report

Property information

Current owner_____ **Travis & Meghan Mensen**_____
Buyer____ _____Realtor__**Teresa Turnis**_____
Mailing address _____

Site Address/County _ **1895 310th St. Ryan, IA – Delaware County** ___

No. of bedrooms _**5**_ Last occupied? _**now**__ Disposal? Y / N Softener? Y / N H2O Supply _**well**_

Records available _**YES**___ Permit/installation date _**#2525?/ 2016** Installer_**Gudenkauf**_

Septic system information

Septic tank(s): size __**1750**____ material __**Concrete**__ condition ___**Good**___
Tank pumped? __**Yes**_ date _**7-29-2019**_ licensed pumper _**Groth Services LLC**__
Septic/trash/processing tank: size ____ material _____ condition _____
Tank pumped? _____ date _____ licensed pumper _____

Aerobic treatment unit (ATU) MFGR_____ Size _____
Tank pumped? _____ date _____ licensed pumper _____
Maintenance contract? _____ expiration date _____service provider _____
Condition_____

Pump tanks/vaults: type _**3rd chamber tank**__ size _**200**____ condition __**ok**_____

Distribution system: distribution box _**concrete/plastic**_ outlets used _**3**_condition _**not accepting**_
Header pipe(s) ____ # of lines _3____ Pressure dosed? _**yes**___

Secondary treatment:
Length of absorption fields _ **3x 100'**___ determined by __**Probe/ map**____
condition of fields __**bad**_____ determined by ___ **hydro test**_____
type of trench material __ **36" wide chamber**_____

Size of sand filter___ _____Determined by_____
Vent pipes above grade?_____Discharge pipe located?____**NONE**_____
Effluent sample taken?_____

Media filters: type _____
Maintenance contract? _____ expiration date _____ service provider _____

NPDES General Permit No. 4: required? _____ permitted? _____ NOI provided _____

Other components:
Alarms __**No**_____ Working? _____disinfection ___**NO**_____ working? _____

Control box _____ Timers_____ inspection ports _____

Other components _____

Overall condition of the private sewage disposal system

Report system status _____**Has required components but is not functioning as it should**___

Explain (attach additional pages as needed) ___**See Attached Narrative Report**____

_____

Comments: _____

Signature of Certified inspector: _____ Date: 8-5-19

Name (print): ___Corey Groth_____ Certificate #: __**8810**_____
Address: _____PO BOX 215 Epworth, IA 52045_____
Phone # ___563-608-3567_____

A copy of this report, the narrative report and sketch has been sent to the following by us:
YES- Homeowner
YES- County sanitarian/environmental health office
YES- Iowa DNR in Des Moines
NO - Buyer- Disclose all information to them from this report

GROTH SERVICES LLC

NARRATIVE INSPECTION REPORT

Travis & Meghan Mensen Property

This is a certified Time of Transfer Inspection for a septic system with a total of five bedrooms in Delaware county. There is a full basement with a water softener and a garbage disposal that drains into the septic system. The sewer line exits out the basement floor to the north yard and drains to a three compartment concrete septic tank by gravity. The septic tank was at normal liquid level on the day of inspection. The third compartment of the septic tank is a lift chamber for the absorption system. There is a wide chamber absorption field straight east of the septic tank 230 feet.

Distance from Septic tank to well is >50'
Secondary treatment is >170'

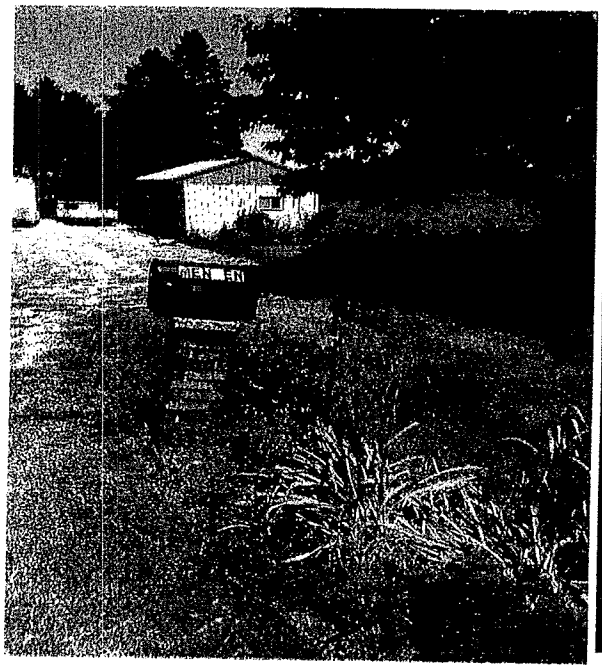
CONDITION:

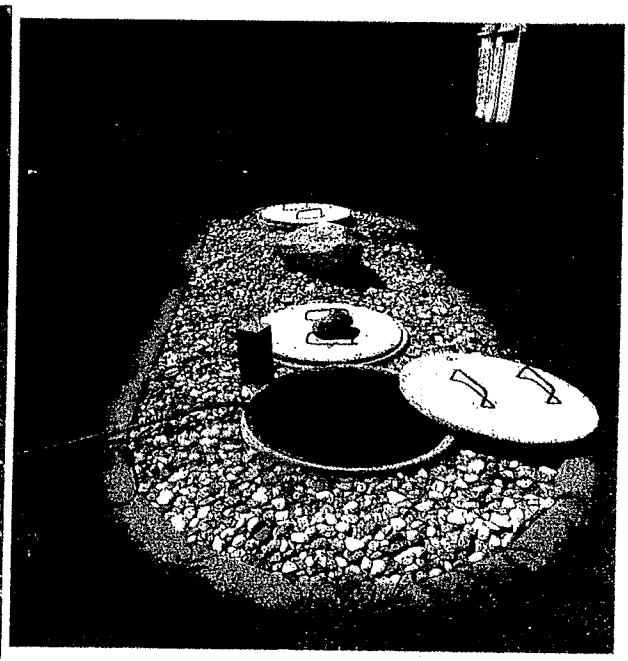
The septic tank has concrete risers to the surface for each of the three chambers, and does not need to be dug up. Normal septic tank cleanings are required every 2-4 years in order to keep these solids from flowing out into the absorption field. The septic tank is designed for storage of solids in the first compartment and pumped out according to the size and use of each home. The inlet plastic baffle is in good condition, however there is no outlet baffle or filter installed (picture #3). This is not only a code required component, but also a very important device to keep suspended solids and top scum layer from being pumped in the clean effluent side to the absorption system. Also to note, the pump and float wires are exiting out the riser without a junction box. When the pump or float needs to be worked on you will have to dig around the riser to disconnect the controls?

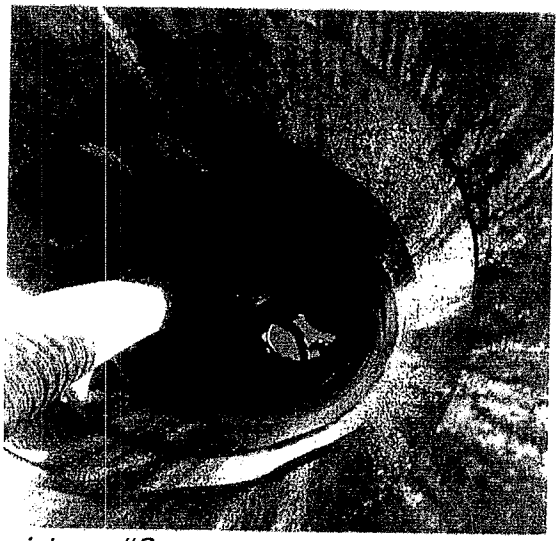
A hydraulic load test was calculated for a four bedroom home, 6.7 GPM for 53 minutes from the outside facet. The load test was started as I probed and found the distribution box. As I was hand digging the distribution box I heard and observed the first absorption line pressurizing water out to the lawn surface(picture #6 & 7). I then shut off the water load test after about 11-12 minutes, and then continued to finish digging the distribution box. Picture #5 shows the all ready overfull condition of the distribution box after opening the lid. I started the load test again and waited for the 75-100 gallon pump cycle to bring it to the box, after two cycles and approximately 23 minutes there was water running out of the distribution box. This absorption system is not accepting water into the soil as it is designed to. Notes on the bottom of permit show that it was wet ground on day of septic installation inspection, and a curtain tile is shown on the map to be installed to help with the poor draining soil. But the simple lack of the proper effluent filter did not help this new septic absorption field. Also to be noted- when the system is designed with a pump there should be some sort of vent on the absorption field, as you cannot expect the ground to provide a vent when the pump cycles. Seller should disclose that the septic system may need repairs to keep the absorption from surfacing sewage onto the grass area. There are pictures included in this report of the system components. Also a map with footage's has been drawn as part of this inspection.(Tank capacity was verified by Digital Tank Gauge)

Company Disclaimer Based **on what we were able to observe and our experience with on-site waste-water technology, we submit this sanitary sewage disposal system inspection report based on the present condition of the on-site sewage disposal system. Groth Services LLC has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time in the future. Because of the numerous factors (usage, soil characteristics, previous failures, etc.) which effect the proper operation of a septic system as well as the inability of our Company to supervise or monitor the use or maintenance of the system, this report shall not be construed as a warranty by our Company that the system will function properly for any particular buyer. Groth Services LLC DISCLAIMS ANY WARRANTY, either expressed or implied, arising from the inspection of the septic system or this report. We are also not ascertaining the impact the system is having on the ground water.**











picture #3



Illustration 1: picture #5



picture #6



picture #7



picture #8- overflowing after 23 minutes

I have studied the information contained herein and that my assessment is honest, thorough, and to the best of my ability correct. This Narrative report may not be copied without written approval from Groth Services LLC. Certified by Corey J Groth # 8810

Signature _____ **Date** 8-5-19

Groth Services LLC

Manchester, IA 52057
563-927-5823
1690 165th St.

DATE	INVOICE #
7/29/2019	68556

BILL TO

Mensen, Travis
1895 310th St.
Ryan, Ia. 52330

P.O. NUMBER	TERMS	SERVICEMAN	Next Pumping Due	COUNTY
	Due on receipt	CG		Delaware

ITEM	QUANTITY	DESCRIPTION	RATE	AMOUNT
Service Call	1	Service Call- Pumper Truck. Trailer/ Mini EX	65.00	65.00T
Pumpings - Reside...	1	Residential Septic Tank Pumping	220.00	220.00
Extra Hoses	4	Extra Hoses	10.00	40.00
Disposal	1	Disposal Charge- 1750 gals.	192.50	192.50
Corey	2	Hand Labor- Corey	75.00	150.00T
Inspection	1	Time of Transfer Septic System Inspection	125.00	125.00T
		Septic Tank has concrete risers to surface. Concrete Triple Compartment Septic Tank approx. 1750 gals. was at normal level on day of inspection with no scum layer on top. Third compartment is used for Lift Chamber. Pump is working in Lift Chamber. Inlet baffle is in good condition. Outlet baffle is missing and there is no effluent filter. Pump and Float wires are exiting out the riser without a junction box inside of riser. Probed and located Distribution Box. Hand dug up to top of lid. D-Box was overfull after opening lid. Did not unload Mini X Excavator. Did hydraulic water load test for a 5 Bedroom Home. When starting the hydraulic water load test, heard and observed the first absorption line pressurizing water out to the lawn surface. After two cycles and approx. 23 minutes there was water running out of the Distribution Box. Leaching system is not working properly. Also Preasure Dosed Chamber has no vent, bubbling up out of soil with pressure. Probed for Soil Absorption System, which consists of 3 Lateral Lines for a total of 300'.		

Thank you for your business.

Total

Finance Charge of 1.75% per month will be charged on all accounts after 30 days with a miniumum charge of $1.00.

Groth Services LLC

Manchester, IA 52057
563-927-5823
1690 165th St.

DATE	INVOICE #
7/29/2019	68556

BILL TO
Mensen, Travis 1895 310th St. Ryan, Ia. 52330

P.O. NUMBER	TERMS	SERVICEMAN	Next Pumping Due	COUNTY
	Due on receipt	CG		Delaware

ITEM	QUANTITY	DESCRIPTION	RATE	AMOUNT
		Inspected basement plumbing for Time of Transfer Inspection. Did paperwork, report & map for Time of Transfer Inspection. Distributed copies to homeowner, Delaware County Sanitarian and DNR. State and Local Option Tax	7.00%	23.80

Thank you for your business.

Total $816.30

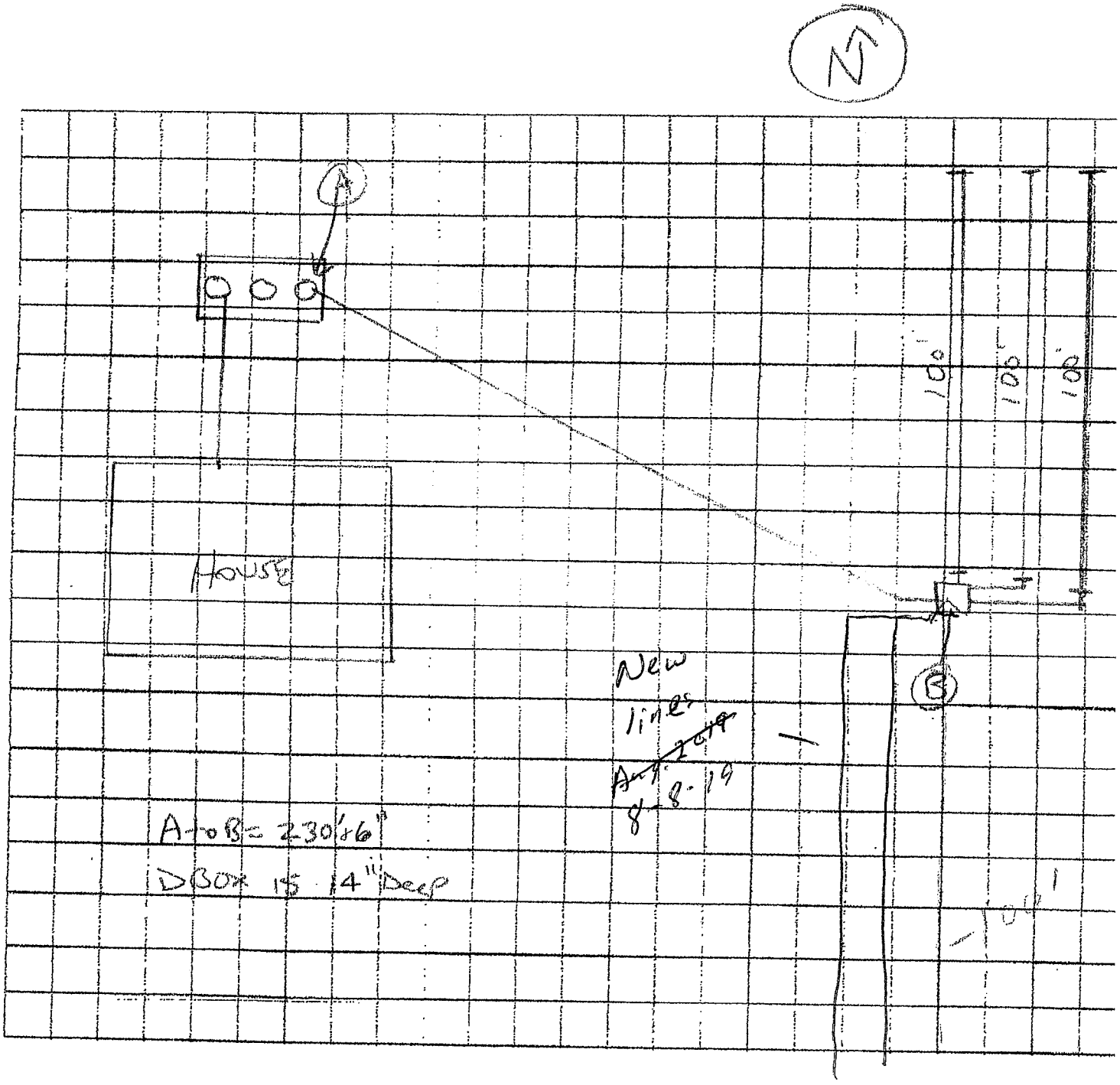
Finance Charge of 1.75% per month will be charged on all accounts after 30 days with a miniumum charge of $1.00.

GROTH SERVICES

TIME OF TRANSF
INSPECTION MA

DATE 7-29-19 **SELLER** TRAVIS MENSEN **BUYER** _____

ADDRESS 1895 310th St. **CITY** RYAN



redone 8-8-2019

DELAWARE COUNTY SANITATION

Application # _____ EnvTrack # _____

Permit # 7525

Completion Report for Private Sewage Disposal System

Owner: Travis Mensen

Site Address: 1895 310th Ave

Parcel #: 330160001100 Lot # _____ Township: Hazel Green

Mailing Address: _____ Legal S-T-R 16-87-5

Contractor: Gaden Kauf Bedroom #: 3

Water Supply: Private - 42.340706 -91.423375

Primary Treatment: **Latitude:** 42.340472 **Longitude:** -91.423614

Septic Tank Volume (g): 1750 Manuf: Swales Material: Concrete # Pieces: _____ # Cmp: 3

Riser Ht Lid 1 (in): 48 Riser Ht Lid 2 (in): 48 Filter Brand: Poly Tec Diameter (in): 4 Distance to well (ft): >50

Note: Effluent filter requires frequent cleaning. - installed

Dose Tank Volume(g): _____ Pump or Siphon Dose: _____ Gallons/dose: _____ Riser Ht (in): _____ Alarm: _____

D-Box: **Latitude:** 42.34042 **Longitude:** -91.42272

Subsurface Absorption Type: _____ **Depth:** 6 in to top

Inches rock under pipe: 6" Chamber Manuf: _____ Lineal Ft: _____ # Trenches: _____

Trench Depth (in): 24" Trench width (in): 36 Distance to well (ft): 2100

Surface Absorption Type: washed rock Overall length (ft): 300 Overall width (ft): 31

Rock bed length (ft): _____ Rock bed width (ft): 3' Length of laterals (ft): 700 # Laterals: 3

Header pipe diameter (in): _____ Rock type: _____ Distance to well (ft): _____ Depth to bottom of trench (in): _____

Packed Bed Media Filter: _____ Sand filter length(ft): _____ Sand filter width (ft): _____ Sand filter sq ft: _____

Liner: _____ Distance to well (ft): _____ # Distributor lines: _____ # Collector lines: _____

Distributor line type: _____ Separating layer: _____ Discharge GPS (lat x long): _____

***Peat Filter:** Serial #: _____ Closed or Open bottom: _____ Lineal Ft absorption: _____ # Laterals: _____

crushed rock, river rock or chamber _____ Trench width (ft): _____ Rock under pipe (in): _____

Distance to well (ft): _____ Inches soil cover over trench: _____ Discharge GPS (lat x long): _____

***Recirculating Textile Filter:** Brand Name: _____

Discharge GPS (lat x long): _____ Distance to well (ft): _____

***Note: A maintenance agreement with a manufacturer-approved contractor must be maintained for the life of the septic system.** Absorption field installed after (no discharge) _____

Comments: **Effluent filter requires frequent cleaning.**

replaced old lines that were to deep raised D Box to 8" and raised lines ran to south much shallower - less than 2-Ft used rock and pipe.

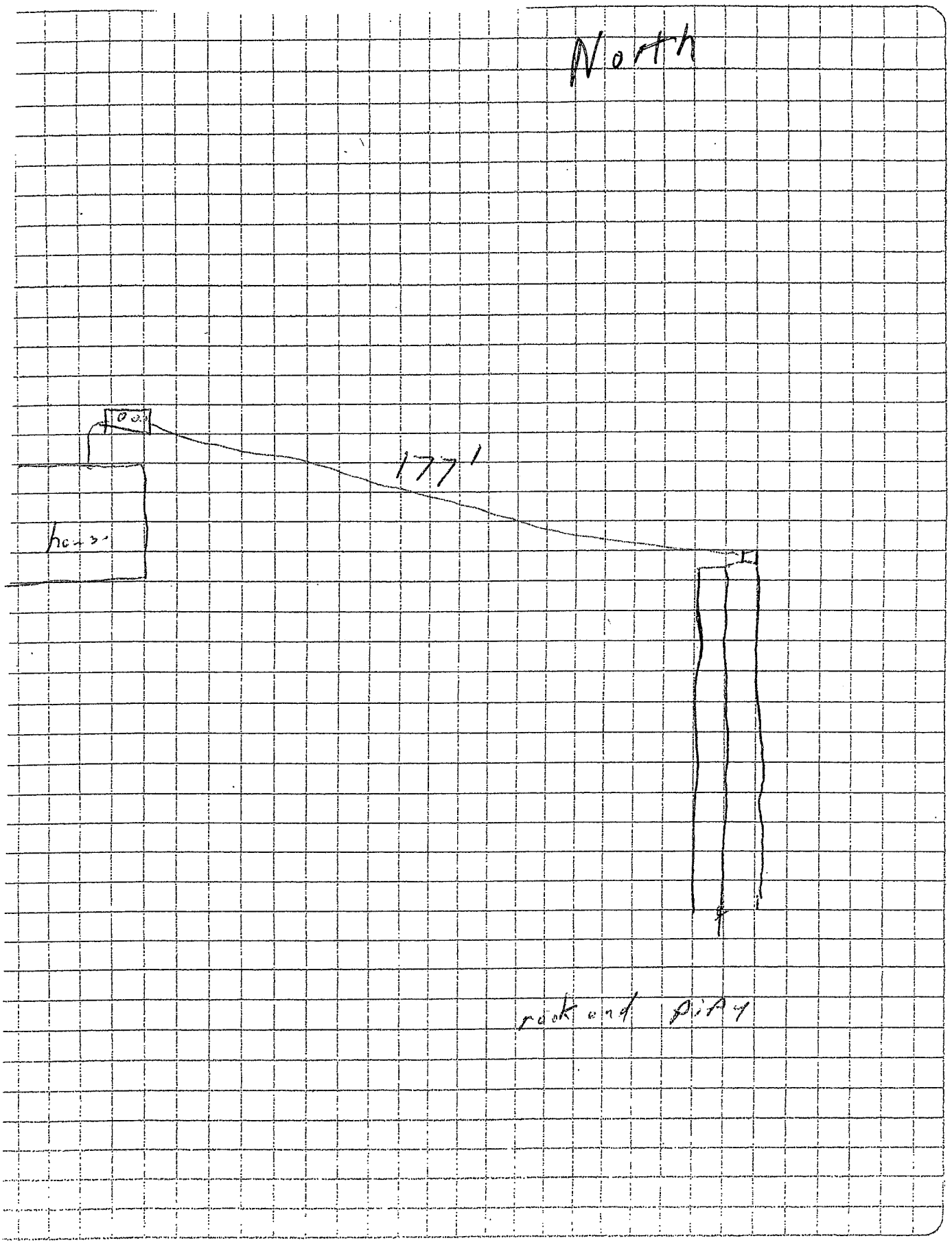
Reason old ones deep - installer help went wrong direction init

Was any portion of the field covered before the inspection: no System installation approved: yes

Date of Final Inspection: 8-8-19 **Environmental Health Specialist:** Dennis Lyon

canned ☐

This APPROVAL in no way makes the County responsible for the continued operation of this sanitation system


North
1771
rock and dirt





