



Document 2019 GW2699

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LISA SMITH, COUNTY RECORDER
MADISON COUNTY IOWA

**REAL ESTATE TRANSFER - GROUNDWATER HAZARD STATEMENT
TO BE COMPLETED BY TRANSFEROR**

TRANSFEROR:

Name Heather A. Johannes
Address 3909 98th Street, Urbandale, IA 50322
Number and Street or RR City, Town or P.O. State Zip

TRANSFeree:

Name Scott Schultz
Address 1812 Millstream Court, Winterset, IA 50273
Number and Street or RR City, Town or P.O. State Zip

Address of Property Transferred:
1812 Millstream Court, Winterset, IA 50273
Number and Street or RR City, Town or P.O. State Zip

Legal Description of Property: (Attach if necessary) Lot Forty-three (43) of COVERED BRIDGE ESTATES, a Subdivision located in Sections Twelve (12) and Thirteen (13) of Township Seventy-six (76) North, Range Twenty-eight (28) West of the 5th P.M., Madison County, Iowa, and in Sections Seven (7) and Eighteen (18) of Township Seventy-six (76) North, Range Twenty-seven (27) West of the 5th P.M., Madison County, Iowa;

1. Wells (check one)

- There are no known wells situated on this property.
- 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)

- 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)

- 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)

- 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.

20

5. Private Burial Site (check one)

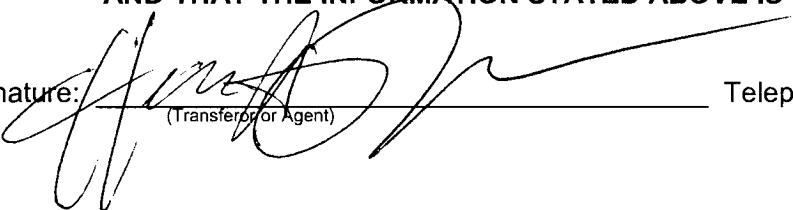
- There are no known private burial sites on this property.
- There is a private burial site on this property. The location(s) of the site(s) and known identifying information of the decedent(s) is stated below or on an attached separate sheet, as necessary.

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.
- 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:

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

Signature:  Telephone No.: 641 757 2751
(Transferor or Agent)

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: 064-18

Date Issued: 7/23/18

**Issued to: Kieth & Heather Johannes
Address: 1812 Millstream Court
Winterset, IA 50273**

Legal Description: Lot 43 Covered Bridge Estates, Section 18 Union Township

POWTS Components Specifications: 2000 gal Septic tank and 750 gpd Coco Filter

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: All fees, testing and maintenance shall be in accordance with county and state requirements.



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

Application to Construct
Private Sewage Disposal System (PSDS)

Office Use Only					Temp E911:	
Tracking No.	Date Received	Fee Paid	Check #	Date Issued	Section/Township	
064-18	7/23/18	211	1531	7/23/18	18 Union	

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)			2. Installation Contractor Information		
First Name	Last Name		First Name	Last Name	
Keith + Heather Johannes			Glenn Bedwell		
Address			Address		
1812 Millstream Ct			213 S. Highland		
City	State	Zip	City	State	Zip
Winterset	IA	50273	St. Charles	IA	50240
Phone Number (area code)		Cell Phone	Phone Number (area code)		Cell Phone
(641) 757 2751			(641) 396 2462		

3. System Requirement Information	4. Site and Soil Evaluator (Percolation Test/Soils Analysis)
IAC CHAPTER 69 DOUBLE COMPARTMENT TANK REQUIRED	PERCOLATION/SOILS ANALYSIS MUST BE COMPLETED AND APPROVED PRIOR TO THE ISSUANCE OF PERMIT
Minimum Tank Size Required	Date test taken <u>4/13/18</u> Test taken by <u>Carroll</u>
1-3 Bedroom 1250	Passed: _____ Failed: <input checked="" type="checkbox"/>
4 Bedroom 1500	Percolation Rate: _____
5 Bedroom 1750	Soils Loading Rate: _____
6 Bedroom 2000	<u>Coco Filter</u>


5. Type of Submittal	6. Address Information
<input type="checkbox"/> New House <input checked="" type="checkbox"/> Existing House <input type="checkbox"/> Repair, Tank <input type="checkbox"/> Repair, Treatment Area <input type="checkbox"/> System Replacement Previous Permit #: <u>097-06</u>	911 Address or nearest road: <u>1812 Millstream Ct.</u> Legal Description: <u>Lot 43 Covered Bridge Estates Section 18-76-27</u>

7. Type of Building (Completed by Owner)			
Building Square ft.	Number of Bedrooms: <u>5</u>	Number of Bathrooms:	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			
Septic Tank	Type: <u>concrete</u>	Size: <u>2000</u>	Manufacturer: <u>Pella</u>
Pump Tank	Type:	Size:	Manufacturer:
Additional Tank	Type:	Size:	Manufacturer:

9. Secondary Treatment Area				
Laterals	Type:	Length of each:	Total number:	Maximum trench Depth:
Sand Filter	Square ft.	Length:	Width:	
Peat System	Model:	Manufacturer		
Other	Description: <u>Eco-Flo Coco Filter 750 gpd</u>			

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.		It is unlawful to start construction, reconstruction, or repair of any PSDS prior to issuance of a PSDS permit by the Environmental Health Officer.
Applicant Signature	Date:	
	<u>7/23/18</u>	

ONSITE WASTEWATER SITE EVALUATION FOR SEPTIC SYSTEM Pages with report 3 REPORT # 4574R

OWNER NAME: Keith Johannes PROPERTY ADDRESS: 1812 Millstream Ct

OWNER ADDRESS: _____ Winterset _____

LEGAL DESCRIPTION: Madison County

PHONE # _____ LOT SIZE: _____ acres

NO. BEDROOMS: 4 AVERAGE DAILY FLOW 300 PEAK DAY DESIGN FLOW 600 gallons STRUCTURE NEW X EXISTING

BUILDER: _____ PLUMBER: _____

THE TREATMENT SITE SHALL BE PROTECTED FROM ANY AND ALL TRAFFIC, AND ANY SOIL DISTURBANCES. DISTURBING THE TREATMENT SITE SHALL VOID THIS RECOMMENDATION.

THE USE OF THIS DESIGN TO OBTAIN THE ONSITE WASTEWATER COUNTY CONSTRUCTION PERMIT AND THE CONSTRUCTION OF THE ONSITE SYSTEM IS AN ACCEPTANCE OF THE CONDITIONS ON PAGE 2 OF THIS REPORT.

The owner and contractor are responsible for verifying that the system layout is within the property boundaries. James Carroll has not verified the property and easement boundaries.

The OWNER should review: <http://www.ohiowastewatersolutions.com/faq/dos-and-donts>

The owner stated the laterals are have been surfacing and requested that I review the soils for a replacement septic system. I noted the laterals were surfacing in several areas and several lines. The owner stated they were only using 5,000 gallons of water a month at this time.

I probe the soils on the north side of the house. The soils are not suitable for laterals. There is no other location to place laterals or mounds.

Due to the slope and potential for ground water I recommend a coco filler.

The owner may want to add more bedrooms. The owner should consider increasing the size of the system to match the potetial future number of bedrooms.



SOIL LOADING RATE	<u>0</u> gpd.				
WATER TABLE/CONFINING AT	<u>0</u> FEET				
MAXIMUM DEPTH OF TRENCH	<u>0</u> INCHES				
		BASED ON SURFACE AREA OF TRENCH BOTTOM.			
		2-FOOT WIDE TRENCH	<u>0</u> FEET		
		3-FOOT WIDE TRENCH	<u>0</u> FEET		
		16-INCH WIDE CHAMBER	<u>0</u> FEET		

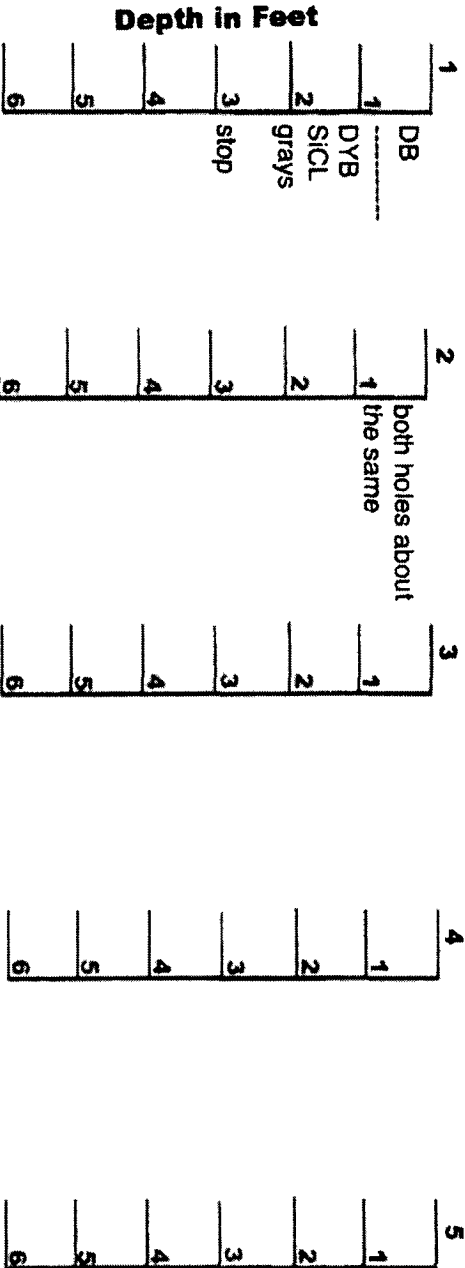
I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA. DATE: 4/13/18 REG. NO. 11328 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2019.

James A. Carroll
James A Carroll P.E.

Number of Pages With Report 3

6-19-18 *James Carroll*

Soil Probe Number
Confining Layer Location (*)



Textures S-Sand, SL-Sandy Loam, L-Loam, SIL-Silty Loam, SI-Silt, SCL-Sandy Clay Loam, SC-Sandy Clay, CL-Clay Loam, SICL-Silty Clay Loam, SIC-Silty Clay, C-Clay, FS-Fine Sand.

Color DYB-Dark Yellow Brown, YB-Yellow Brown, Y-Yellow, B-Brown, VDB-Very Dark Brown, GB-Gray Brown, G-Gray, LG-Light Gray, DG-Dark Gray, PB-Pale Brown, BY-Brownish Yellow, BK-Black, Wh-White, RB-Reddish Brown, R-Red.

Other MSt-Moderate Structure, WSt-Weak Structure, Mast-Massive Structure, Ls-Loose, HVY-Heavy, Lt-Light.

The use of this design to obtain the onsite wastewater county construction permit and the construction of the system is an acceptance of the following conditions:

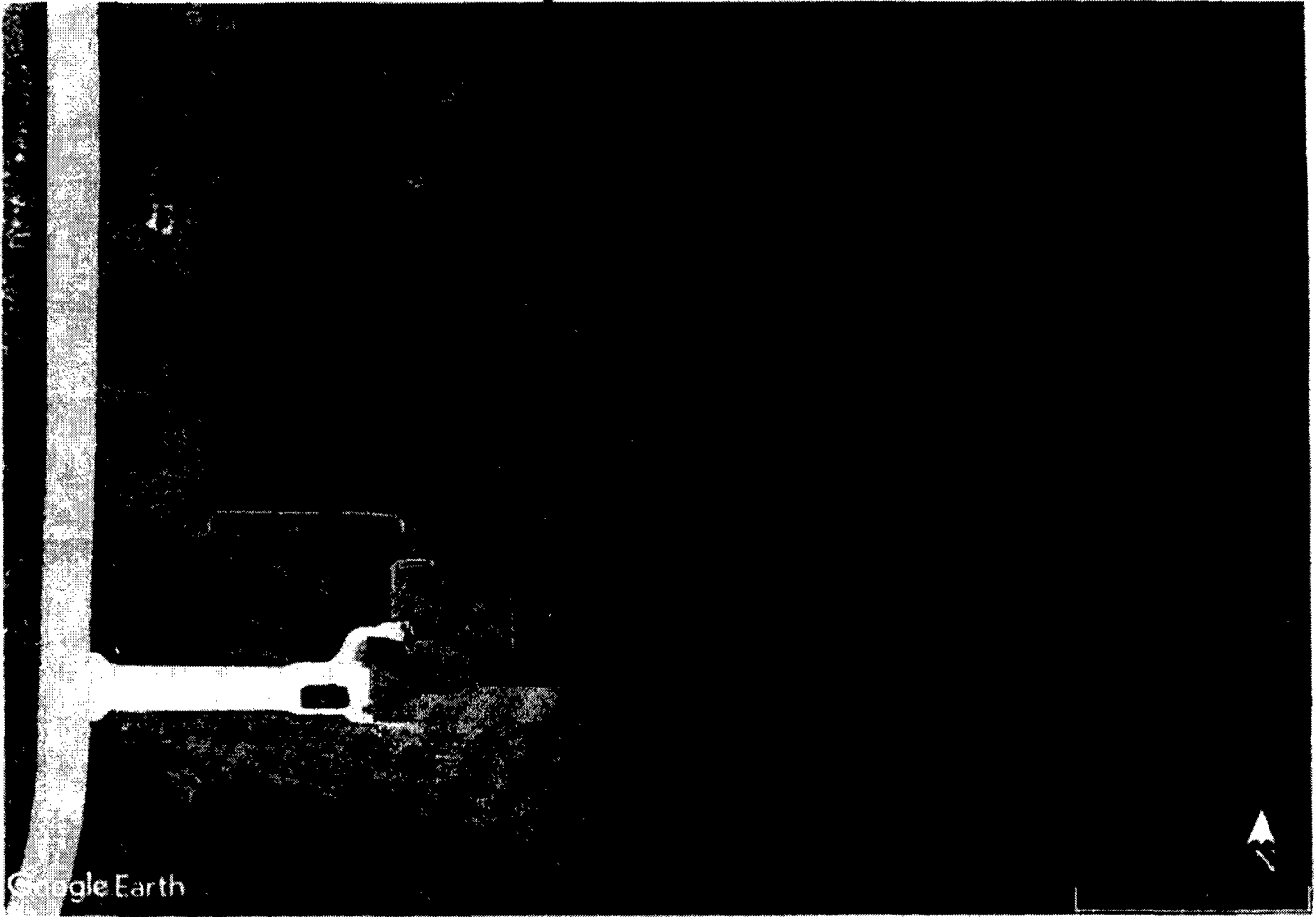
The septic system Engineer, James Carroll, has evaluated the site and located what appears to be a suitable location for an onsite septic system. However easements, floodplains, wetlands, wells, property lines, underground utilities were not marked, located or identified to the Engineer. The drawing may contain any or all of these items however they are not accurately shown. It is the responsibility of the Property Owner, Home Builder, and Septic Contractor to locate any and all of these items. The contractor is solely responsible for locating all underground utilities shown or not shown, and for the safety and protection of all such underground utilities and repairing any damage. In the event that any item is located in the proposed septic area the Engineer will be called to re-evaluate the site.

The Engineer will not be inspecting or overseeing any of the work performed by the Contractor. All work performed by the Contractor shall comply with IAC 567 Chapter 69 and County Ordinances unless specifically showdetailed in this report and design.

Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of contractor to comply with State and County Laws and Regulations applicable to the performance of the work. Engineer will not be responsible for Contractor's failure to perform the work in accordance with State and County requirements and the attached design. Engineer will not be responsible for the acts or omissions of Contractor, any Subcontractor, any Supplier, or of any other individual or entities performing any of the work, or the failure of any State or County Regulator in accepting the work Completed.

The Property Owner, Home Builder, and Septic Contractor agree that by using this report/design for the onsite system they shall indemnify and hold harmless the Engineer from and against all losses and all claims, demands, payments, suits, actions, recoveries, and judgment of every nature, and description brought or recovered against them by reasons of any act or omission of the said Property Owner, Home Builder, and Septic Contractor, its agents, or employees, in the execution of the work.

Lateral
5-Lines



9-2012

Permit No. 064-18 Name: Johannes 911 Sign: 1812 Millstream Ct..

Date of Inspection: 8-8-2018 Inspected by: Elton Root

Contractor: Bedwell

Dwelling under construction or moved in Yes No

Setbacks

Meets required setbacks.

- Rural Water Yes No
- Private wells/heat pump wells/suction water lines/lakes Yes No
- Outside required 50-foot setback for tank Yes No
- Outside required 100-foot setback for laterals Yes No
- Streams/ponds (25-25 ft)-ditches (10-10 ft) Yes No
- Indications of water lines under pressure Yes No

Comments:

Building Sewer

- Clean outs – one right outside of house Yes No
- location of cleanout inside house and set requirement
- Pipe is SCH 40 and has a 4-inch diameter. Yes No
- Grade – has adequate fall. Yes No

Comments:

Tank

- Septic/Pump Tank Size & Manufacturer Indianola 2000 Concrete Plastic
- Pump Tank Size & Manufacturer Concrete Plastic
- Septic compartments meet the specs for capacity. Yes No
- Baffle Yes No
- Inlet/Outlet tees are ok. Yes No
- Effluent filter in the outlet. Yes No Manuf. Poly lock 4" Ball
- Tank depth 24 inches
- Risers Yes No
- Lids above grade screwed on Yes No Will be X

Comments:

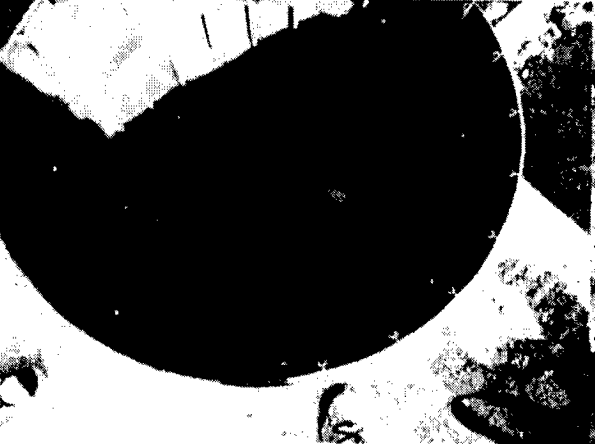
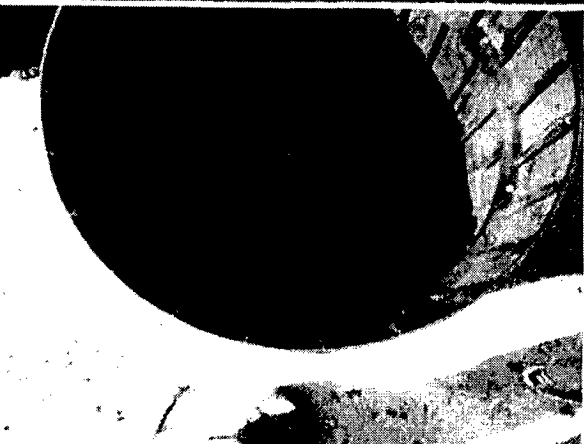
Secondary Treatment

- System Type: Eco Flo AAX 563
- Size: 760 GPD CoCo
- Pumped Yes No
- Siphon Yes No
- Gravity Yes No

Comments: None

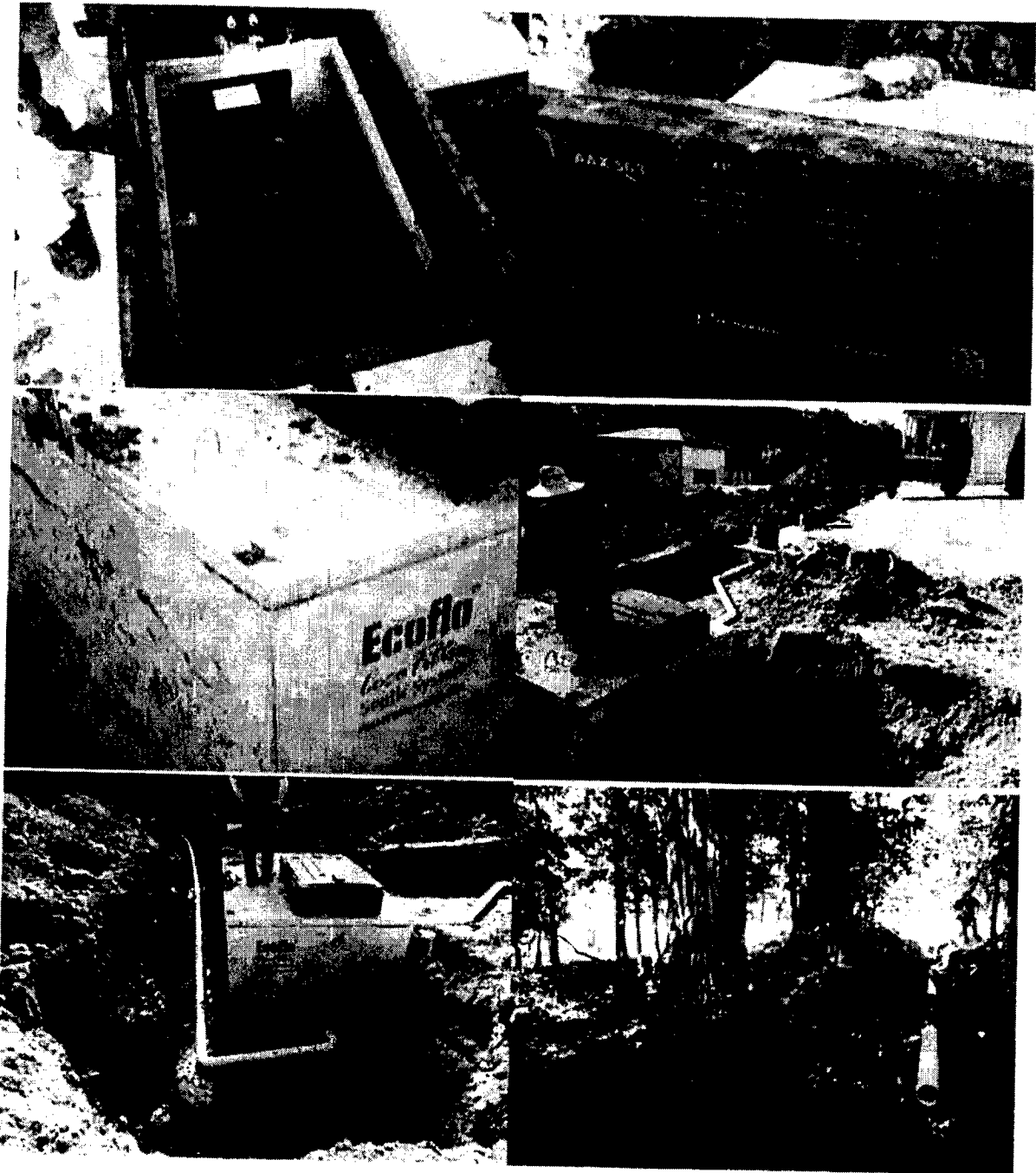
Permit # 064-18 Johannes inspection 8/8/18

1812 Millstream Court



Permit # 064-18 Johannes inspection 8/8/18

1812 Millstream Court



Permit No. 064-18

Inspection Date: 8-8-2018

Address: 1812 Millstream Ct.

