



**Howard County  
Health Department**

Maura J. Rossman, M.D., Health Officer

**Bureau of Environmental Health**

8930 Stanford Boulevard, Columbia, MD 21045  
Main: 410-313-2640 | Fax: 410-313-2648  
TDD 410-313-2323 | Toll Free 1-866-313-6300  
[www.hchealth.org](http://www.hchealth.org)  
Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

RECEIPT DATE: 9/10/24 **ONSITE SEWAGE DISPOSAL SYSTEM** P 587807

APPROVAL DATE: 10/23/2024 **PERMIT:** SP1MB **Tank Replacement** A 00159

PROPERTY ADDRESS: 13083 Williamfield Drive

SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ TAX ID: \_\_\_\_\_

CONTRACTOR: Fogles Septic Clean Inc. EMAIL: kim@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21084 PHONE: 410-795-5670

PROPERTY OWNER: Joseph and Aleida Higginson EMAIL: jhigginson33@gmail.com

OWNER ADDRESS: 13083 Williamfield Drive, Ellicott City, MD 21042 PHONE: 856-340-0769

SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: \_\_\_\_\_

PUMP MODEL: \_\_\_\_\_ PUMP SIZE \_\_\_\_\_ PUMP TANK CAPACITY: \_\_\_\_\_

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: \_\_\_\_\_

TRENCHES:	LINEAR FEET REQUIRED: <u>Ex. Drywell</u>	INLET DEPTH: _____
	TRENCH WIDTH: _____	MAXIMUM BOTTOM DEPTH: _____
	MINIMUM SPACE BETWEEN TRENCHES: _____	EFFECTIVE AREA BEGINNING DEPTH: _____

LOCATION: Per Approved site plan

NOTES: Ex tank to be abandoned  
install 1500 gallon 2 compartment septic tank  
replace ex. cleanout on drywell w/ 6" clo.

ISSUED BY: S. Page ISSUE DATE: 10/1/2024 EXPIRATION DATE: 10/1/2025

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM  
 ELECTRICAL PERMIT ISSUED E N/A
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.  
CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

Ex Drywell & Trench

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

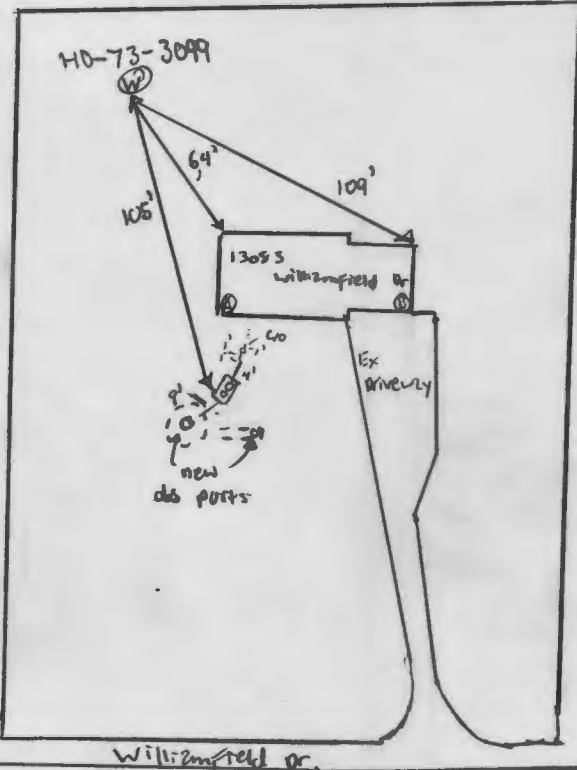
NUMBER OF TRENCHES N/A
TOTAL LENGTH
ABSORPTION AREA
DISTRIBUTION BOX LEVEL
DISTRIBUTION BOX BAFFLE
DISTRIBUTION BOX PORT

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL yes
MANUFACTURER Babylon
CAPACITY 1500 GAL
SEAM LOC Top
TANK LID DEPTH 2.5-10.5'
BAFFLES 6" front + 4" side
BAFFLE FILTER
MANHOLE LOC front + back
6" PORT LOC
WATERTIGHT TEST
SLOTTED yes
DATE ON LID 9/23/24

PUMP/SEPTIC TANK LEVEL N/A
MANUFACTURER
CAPACITY GAL
SEAM LOC
TANK LID DEPTH
BAFFLES
BAFFLE FILTER
MANHOLE LOC
6" PORT LOC
WATERTIGHT TEST
SLOTTED
DATE ON LID

Trench - A: 14'
Trench - B: 66'
DW - A: 41'
DW - B: 71'
Trench - A: 31'
obs port
Trench - B: 46'
obs port



Williamsfield Dr.

ROAD NAME

SEPTIC CONTRACTOR ONSITE INSTALLING SYSTEM: Michael Hopper
SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD YES NO

PRE-CONSTRUCTION NOTES:

10/11/2024 - Approved site plan.
10/22/2024 - conversation w/ installer starting from deposit makes site conditions. septic tank closer to
dw & well than plan shows. 9/1/MB/KW 10/22/2024 - see site inspection sheet for Oct 22. SP/MB

INSTALLATION NOTES:

10/23/2024 - installer onsite for inspection tank installed @ same loc as ex tank. c/o installed &
new obs port installed @ DW. on to backfill. SP/MB

CONTROL PANEL DATA

CONTROL PANEL HEIGHT (MIN 30")
INSPECTION DATE
INSPECTION: PASS/FAIL (CIRCLE ONE)

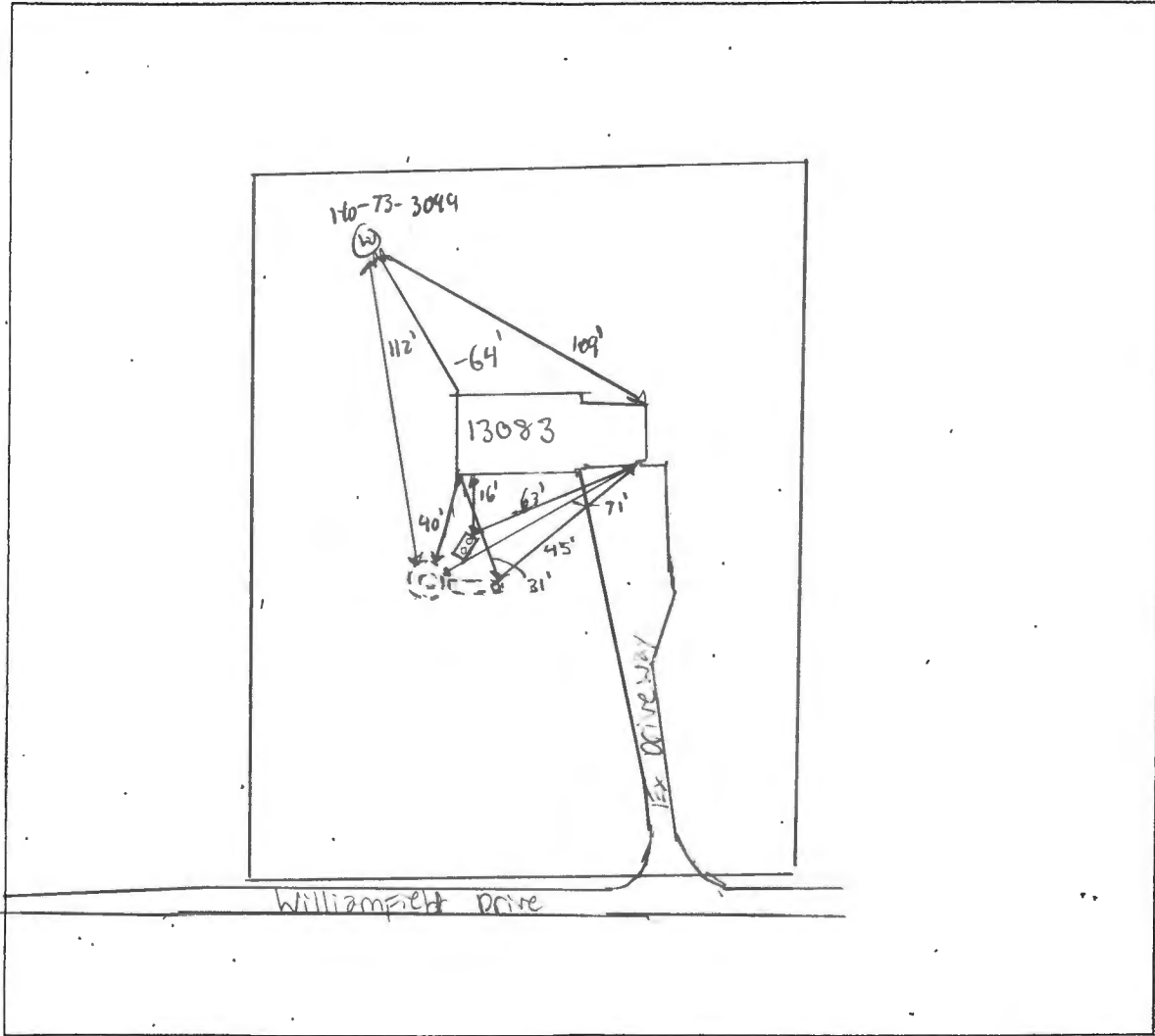
FINAL INSPECTOR S. Pamel M. Burns DATE OF APPROVAL 10/23/2024



SITE INSPECTION SHEET

OWNER: Josh Higginson PHONE #: 856-340-0769  
ADDRESS: 13083 Williamfield Dr CONTRACTOR: Fogle's  
Ellicott City, MD 21042 WELL TAG #: H0-73-3099  
SUBDIVISION: \_\_\_\_\_ LOT: 25 B COUNTY #: 13  
PROPOSAL: Tank Replacement.

LOCATION DIAGRAM



COMMENTS: 10/22/2024-Installer onsite for layout. Excavated area suspected to be  
septic trench, installer found end of trench; Stone looks good, dry.  
Installed c/o @ end of trench while onsite. Cannot move tank down from  
ex. location; would be on ex. drywell + trench. Install new septic tank +  
old septic tank location. ~~SPTMB~~

DATE: 10/22/2024 INSPECTOR: S. Paige M. Burns

**From:** Page, Shepsura  
**Sent:** Monday, September 16, 2024 9:04 AM  
**To:** 'john@foglesinc.com'  
**Cc:** Wolf, Kevin; Burns, Matthew  
**Subject:** 13083 Williamfield Drive- Tank Replacement Revisions Needed

Good Morning John,  
I'm currently reviewing your application for a tank replacement at 13083 Williamfield Drive.  
Please make the following revisions:

- Reason for tank replacement
- State existing tank to be abandoned
- Tank specs
- Tank invert elevations
- Septic line out of house invert elevations
- Drywell cleanout to be replaced

Thanks,

Shepsura Page, EH Specialist  
Well & Septic Program  
Howard County Health Department  
8930 Stanford Blvd.  
Columbia, MD 21045  
410-313-1789 (Office)  
410-313-2648 (Fax)  
[www.hchealth.org](http://www.hchealth.org)  
[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)



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# HOME LAND

## ENVIRONMENTAL

p:443-995-5385 | [info@homelandhealthyhomes.com](mailto:info@homelandhealthyhomes.com) | [www.homelandhealthyhomes.com](http://www.homelandhealthyhomes.com)

<b>Date:</b> August 23, 2024 <b>Name of Evaluator:</b> David Vincent <b>Time:</b> 9:00 AM <b>Property Address:</b> 13083 Williamfield Drive Ellicott City, MD 21042 <b>Recent Weather Conditions:</b> Normal	<b>Ordered By:</b> Carole VanWagner  <b>Buyers:</b> Surin Kim  <b>Homeowner Interview:</b> The homeowner interview was requested and was received prior to the inspection.	<b>Occupied:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>Length of Time Vacant:</b> N/A <b># of People Living in Home:</b> 4 <b># of People moving in:</b> 2 <b>Property Age:</b> 1979 <b>System Age:</b> Unknown <b>Last Date of Cleaning:</b> July 2024 <b>Recomm'd Pumping Freq:</b> 3-4 Years
<b>Liquid level in tank is:</b> <input type="checkbox"/> Above Normal <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Below Normal	<b>Bottom Solids Depth:</b> Minimal	
<b>Depth of tank:</b> 24 Inches	<b>Type of Tank Access:</b> 6" Cleanout & Riser	<b>Depth of tank access:</b> At Grade
<b>Maintenance appears:</b> <input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor	<b># of Bedrooms:</b> 4	<b>Depth to Distribution Box:</b> N/A
<b>Effluent Filter present:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Previous high liquid level:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Distance to well:</b> ~100 Feet
<b>Records Search:</b> Howard County does not appear to have septic records on file for this property.		
<b>Were there any impermeable surfaces above the septic system (i.e. driveway)?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Type of Tank	Tank Composition and Size	Type of Absorption System
<input checked="" type="checkbox"/> Septic Tank <input type="checkbox"/> Aeration System <input type="checkbox"/> Other:	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Plastic  Tank Size: ~1,250 gallons	<input checked="" type="checkbox"/> Leaching Field <input type="checkbox"/> Raised Mound <input checked="" type="checkbox"/> Drywell (Number of: 1) <input type="checkbox"/> Cesspool <input type="checkbox"/> Unknown:
System Component	Condition	Comments
<b>Septic Tank</b>	<input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input checked="" type="checkbox"/> Needs Further Evaluation	The septic tank is composed of concrete and has a capacity of approximately 1,250 gallons. Access to the tank consists of a 6" terracotta cleanout to grade over the front end of the tank and a riser to grade over the back end of the tank; the tank is 24" below grade. The front and back baffles are in place and composed of terracotta and PVC, respectively. There are currently minimal solids in the tank, indicating the tank should be cleaned again in about 3-4 years. The liquid level in the tank was found to be low upon arrival. The tank was filled to normal operating level and will need to be checked again to verify that it is watertight.
<b>Absorption System</b>	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation	The absorption system is acceptable, with concern. One drywell with a drainfield extending from it was located during the inspection. The drywell has access at grade consisting of a 6" terracotta cleanout. The cleanout was found to be broken and should be replaced by a licensed contractor. The drywell was measured to have approximately 6' of total liquid depth with approximately 2' of liquid depth remaining. The drainfield was probed and found to be dry to a depth of at least 4" from the top of the stone. Approximately 250 gallons of water were introduced into the system with no sign of a back-up. Due to the age of the system, buyers should budget for future repairs and replacement.

# HOME LAND

## ENVIRONMENTAL

p:443-995-5385 | f:443-267-0098 | [info@homelandhealthyhomes.com](mailto:info@homelandhealthyhomes.com) | [www.homelandhealthyhomes.com](http://www.homelandhealthyhomes.com)



**Picture 1:**

This picture shows the location of the septic tank relative to the house.



**Picture 2:**

This picture shows the liquid level in the tank upon arrival, as well as the PVC back baffle.



**Picture 3:**

This picture shows the broken cleanout on the drywell.



# Maryland On-Site Sewage Disposal System Inspection Report



\*\* For this inspection to be considered a proper inspection, all sections must be completed\*\*

## Pre-Inspection Information

### Property Information

Address: 13083 Williamfield Drive

City: Ellicott City State: MD Zip Code: 21042

Permitted # of Bedrooms: Unk Build Year: 1979 Water Supply: Well

Property Type: Single Family Home If Other:

Comments: Please refer to Home Land Environmental septic inspection reports for additional information.

### Owner Information/ Interview

Last Name: First Name:

Number of Occupants: 4 Number of Years Occupied:

If Vacant, Date Vacated (mm/dd/yyyy): N/A

In-Home Business: Type:

Has the Property Recently had a Septic Inspection: Date:

Any Septic System Issues: Type:

Comments:

### Document Search Information

Document Request Date: 8/19/2024 Septic Permit Reviewed: No-Explain in Comments

#### Permitted Septic System Components:

Septic Tank: Install Year: Size: gal

BAT Unit: Install Year: Manufacturer:

Distribution Box: Pumping Chamber:

Absorption Type: Total Trench Length/ Width: Ft

Bed Size (L/W): Ft Absorption Component Depth: Ft

Comments: Howard County does not appear to have septic records on file for this property.

## On-site Inspection

Start Date: 8/23/2024

Completion Date: 8/23/2024

### Crawl Space/ Basement Evaluation

Number of Drain Pipes Exiting Foundation Wall 1

Describe Each Pipe and Source: House plumbing.

Does Plumbing Evaluation Confirm all Wastewater is Directed into the Septic System: Yes

### Water Treatment

Does the House have any Water Treatment Devices: Yes If Yes, Number: 2

Describe each Water Treatment Device: AN WS

If any, where is the Water Treatment Discharge Directed: Surface

### Sewer Line Outside of Foundation

Pipe Material: Cracks/ Breaks: Blockage:

Comments: Piping was not scoped.

### Grease Trap

Grease Trap: No Size: (Gal) Construction:

Liquid Level: Proper Baffle:

Comments:

### Septic Tank

Septic Tank: Yes Number of Tanks: 1 Total Size of Tank(s): ~1250 (Gal)

Type of Tank(s): Single Compartment Construction: Concrete

Liquid Level: Below Normal Evidence of High Water Staining: No Effluent Filter: No

Inlet Baffle: Yes Outlet Baffle: Yes Baffle Condition: Good

Access: Riser Above Grade Evidence of Ground or Surface Water Intrusion: No

Comments: Liquid level found to be low upon arrival.

**Best Available Technology Unit (BAT)**

BAT Unit:  No  Manufacturer:  Model:

Power to Control Panel:  Control Panel:  Control Panel Alarm:

Last Service Date:  Was Last Service Date more than 365 days:

Comments:

**Distribution Box**

Distribution Box:  No  Number of Drainlines leaving Box:  Distribution Box Level:

Is there Equal Distribution to Drainlines:  Liquid Level:

Comments:

**Pumping Chamber**

Pumping Chamber:  No  Access:  Liquid Level:

High Water Alarm:  Alarm Properly Functioning:  Separate Float Tree:

Pump Elevated off the Bottom of the Tank:  Electrical Connections:

Comments:

**Soil Absorption System**

Absorption Type:  Drywell  Observation Pipes (OP):  Yes  OP Water Depth:

Trenches Probed:  Yes  Describe Observation:  Dry to at least 4" from top of stone

Evidence of Surfacing Effluent:  No  Describe:

Comments:  Drywell with drainfield extending from it.

**Other On-Site Disposal Systems (OSDS) Components and Systems**

Detail all other OSDS components not covered in the above sections.

Comments:

## OSDS Testing

### Hydraulic Load Test

Hydraulic Load Test Performed:  Yes

Testing Volume: 250 Gal

Elapsed Time: 100 Min

Comments:

### Dye Test

Suspicious Liquid Discharge on or near the Property:  No

Dye Test Performed:  No

Reason:

Comments:

### Tank Pump Out

Tank(s) Pumped:  No

Number of Tanks Pumped:

Total Gallons Pumped:

Any Flow into Tank from Outlet Pipe:

Any Groundwater Entering the Tank:

Does the Tank Appear to be Watertight:

Comments:

### Summary/Conclusions

Wastewater Collection System	<input checked="" type="checkbox"/> Satisfactory
Conveys all Wastewater to Sewer Line:	<input type="checkbox"/> Unsatisfactory
	<input type="checkbox"/> Satisfactory with Concerns
Sewer Line	<input type="checkbox"/> Satisfactory
	<input type="checkbox"/> Unsatisfactory
	<input type="checkbox"/> Satisfactory with Concerns
Grease Trap	<input type="checkbox"/> Satisfactory
	<input type="checkbox"/> Unsatisfactory
	<input type="checkbox"/> Satisfactory with Concerns
Septic Tank	<input type="checkbox"/> Satisfactory
	<input checked="" type="checkbox"/> Unsatisfactory
	<input type="checkbox"/> Satisfactory with Concerns
BAT Unit	<input type="checkbox"/> Satisfactory
	<input type="checkbox"/> Unsatisfactory
	<input type="checkbox"/> Satisfactory with Concerns
Distribution Box	<input type="checkbox"/> Satisfactory
	<input type="checkbox"/> Unsatisfactory
	<input type="checkbox"/> Satisfactory with Concerns
Pumping Chamber	<input type="checkbox"/> Satisfactory
	<input type="checkbox"/> Unsatisfactory
	<input type="checkbox"/> Satisfactory with Concerns
Soil Absorption System	<input type="checkbox"/> Satisfactory
	<input type="checkbox"/> Unsatisfactory
	<input checked="" type="checkbox"/> Satisfactory with Concerns
All other OSDS components	<input type="checkbox"/> Satisfactory
	<input type="checkbox"/> Unsatisfactory
	<input type="checkbox"/> Satisfactory with Concerns

Does any component of the OSDS need to be repaired or replaced:

Explain: The tank was filled to normal operating level and will need to be checked again to verify that the level has remained constant.

In my professional opinion this OSDS is properly functioning base on permitted capacity: No

My Inspection verifies the OSDS is consistant with the septic permit:

If listed for sale, does the number of bedrooms advertised match what is legally permitted:

Comments:

**\*\*Check with the Approving Authority for permitting requirements before any repair is performed to the septic system.\*\***

**\*\*ATTACH ALL DOCUMENTS PROVIDED BY THE APPROVING AUTHORITY**

THIS INSPECTION REPORT DETAILS COMPONENTS AND THE PRESENT CONDITION OF THE ON-SITE SEWAGE DISPOSAL SYSTEM FOR THE ADDRESS LISTED IN THE PROPERTY INFORMATION SECTION OF THIS REPORT. THE CONCLUSIONS OF THIS REPORT DO NOT GUARANTEE OR WARRANTY THIS OSDS WILL FUNCTION IN THE FUTURE.

This inspection of the septic system is an evaluation of function and is not an evaluation that the system meets current State regulations. The owner should not assume future expansion of the home is possible without additional evaluation completed by the Approving Authority.

I attest that I have properly completed an inspection of the OSDS at this property. This inspection includes information obtained from the property owner, or representative, and a document search from the Approving Authority. I have completed all sections pertaining to components of this OSDS. The conclusions of this report are my professional opinions based on my training and experience inspecting OSDS.

First Name: David

Last Name: Vincent

License Number:

Signature: *David Vincent*

Date: 8/23/2024

**RECEIPT**

Howard County, MD  
HOWARD COUNTY HEALTH DEPARTMENT  
ASCEND ONE BUILDING  
Columbia, MD 21045  
8930 STANFORD BLVD

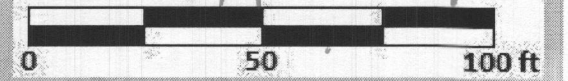
**Application:** WS-SP-APP-24-00159  
**Application Type:** EnvHealth/Well and Septic/Sewage Disposal System/Application  
**Address:** 13083 WILLIAMFIELD DR, Ellicott City, 21042

Receipt No.	Ref Number	Amount Paid	Payment Date	Cashier ID	Received	Comments
10663	80734	\$288.00	09/10/2024	SMARTIN		

**Owner Info.:** COCKS WILLIAM B  
13083 WILLIAMFIELD DR  
ELLCOTT CITY, MD 21042

**Work Description:**

# Septic Repair Design Plan



### Installer Information

Plan prepared by:  
Fogle's Septic Clean, Inc.  
580 Obrecht Rd  
Sykesville, MD 21784  
Phone: 410-795-5670  
Email: john@foglesinc.com

### Homeowner Information

Name: Josh Higginson  
Phone: 856-340-0769  
Email: jhigginson33@gmail.com

### Property Information

13083 Williamfield Dr  
Ellicott City, MD 21042  
Bedrooms: 4  
HCHD Permit:

