

**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)

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

RECEIPT DATE: 4/21/22 **ONSITE SEWAGE DISPOSAL SYSTEM** P 571508  
 APPROVAL DATE: \_\_\_\_\_ **PERMIT: CONSTRUCTION** A \_\_\_\_\_  
 PROPERTY ADDRESS: 1431 Underwood Road  
 SUBDIVISION: Good Neighborhood LOT: 2 TAX ID: 03-352803  
 CONTRACTOR: SAMS CREEK EMAIL: SAMS.CREEK@AOL.COM  
 CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: 443 821 4932  
 PROPERTY OWNER: Ewell Malcolm W Trustee EMAIL: \_\_\_\_\_  
 OWNER ADDRESS: 1251 Underwood Road PHONE: \_\_\_\_\_  
 SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: Babylon Vault  
 PUMP MODEL: Goulds 3885 PUMP SIZE WE05H PUMP TANK CAPACITY: 1500

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.6

TRENCHES:	LINEAR FEET REQUIRED: <u>208 LF</u>	INLET DEPTH: <u>2.8 FT</u>
	TRENCH WIDTH: <u>3 FT</u>	MAXIMUM BOTTOM DEPTH: <u>8 FT</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10 FT</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6 FT</u>

LOCATION: PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.

NOTES: LPO Design

ISSUED BY: H.O. ISSUE DATE: 4/22/21 EXPIRATION DATE: 4/22/23

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- 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 DOWNGRADE 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 22001265
- 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.**



# Howard County Health Department

Bureau of Environmental Health, Columbia, MD 21045 - 410-313-1771

SEWAGE DISPOSAL PERMIT NO. A- \_\_\_\_\_ P- 571508

RESIDENTIAL PERMIT   
(NUMBER OF BEDROOMS: 4)

COMMERCIAL PERMIT   
(DESIGN FLOW: \_\_\_\_\_ GPD)

PERMITEE: Sams Creek

LOCATION: 1431 Underwood Rd. Sykesville, MD. 21784

**\*\*POST THIS CARD WHERE IT CAN BE SEEN FROM ROAD\*\***

STOP ALL CONSTRUCTION ON SEWAGE  
DISPOSAL SYSTEM AND CONTACT HEALTH  
DEPARTMENT BEFORE CONTINUING

Inspector

Date

WORK IS SATISFACTORY, OK TO  
CONTINUE

Inspector

Date

COMMENTS:

pump's alarm completed - DILP permit # E22001265

FINAL INSPECTION MADE, OK TO  
COVER ALL WORK

Inspector

Date

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Thursday, January 21, 2021 3:38 PM  
**To:** Ron Thompson  
**Subject:** OSDS Plan\_1431 Underwood Road

Hi Ron:

The following comments pertain to the review of the OSDS Plan for 1431 Underwood Road:

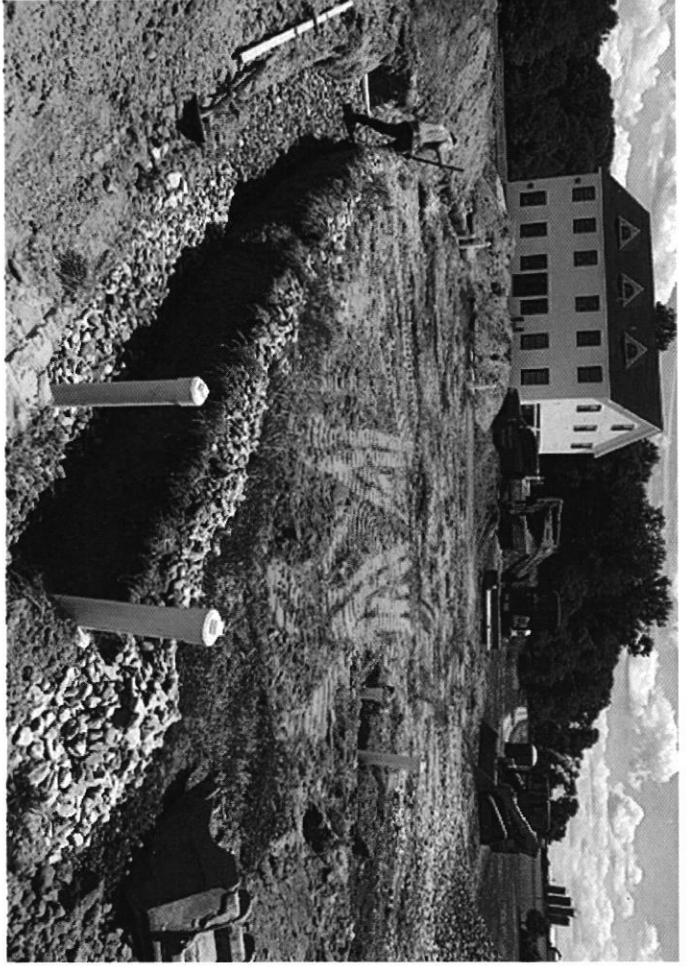
- 1.) Correct the address on the plan. It should be 1431 Underwood Road.
- 2.) Provide a manufactures pump tank spec plus cross section to show elevations and determine emergency storage.
- 3.) Lateral length should be calculated with half a hole spacing i.e., T1-1 Lateral Length = 22.5 (not 20)
- 4.) On Lateral Detail, specify 1/2 hole spacing at manifold and end.

Should you have any questions, please don't hesitate to ask.

Thanks,

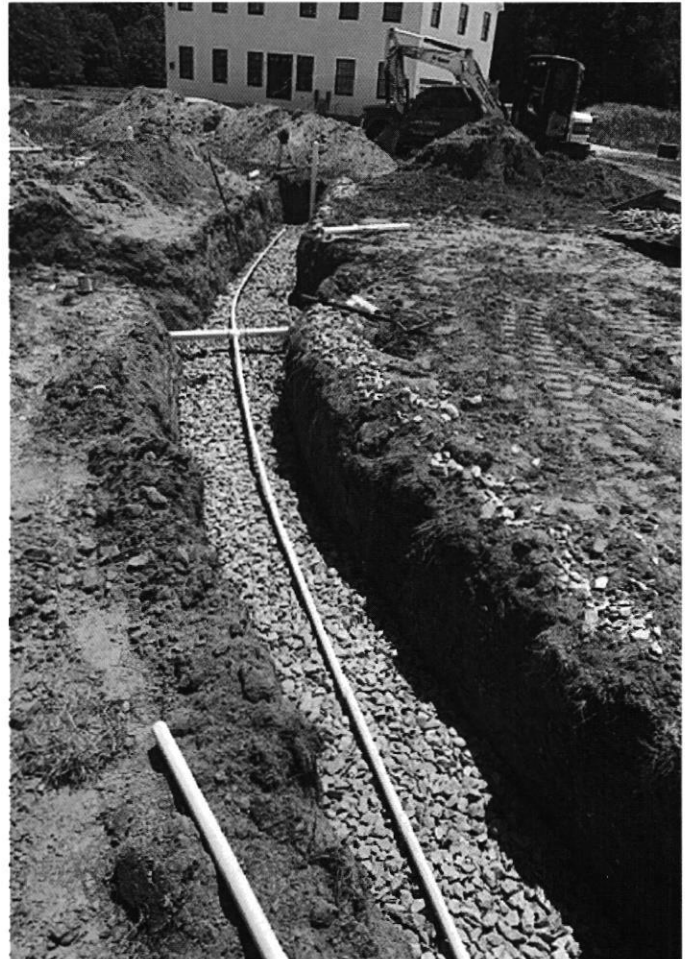
Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786



1431 Underwood Rd.  
6/10/22 - Septic System  
installation

1431 Underwood Rd. - 6/10/22 Septic System Installation



## Ron Thompson

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**To:** Oswald, Hank  
**Subject:** RE: OSDS Plan\_1431 Underwood Road

Hank:

OSDS Plan revised. Please see response to comments.

Ronald E. Thompson, PE\*  
VANMAR ASSOCIATES  
310 South Main Street PO Box 328  
Mount Airy, Maryland 21771  
O 301-829-2890 / C 443-421-2164 / F 301-831-5603

*(\*licensed in MD, VA, DE, DC, SC, GA, FL, NC, MA)*

**From:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Sent:** Thursday, January 21, 2021 3:38 PM  
**To:** Ron Thompson <ron@vanmar.com>  
**Subject:** OSDS Plan\_1431 Underwood Road

Hi Ron:

The following comments pertain to the review of the OSDS Plan for 1431 Underwood Road:

1.) Correct the address on the plan. It should be 1431 Underwood Road.

Address corrected.

2.) Provide a manufactures pump tank spec plus cross section to show elevations and determine emergency storage.

Per our 1/25/21 telephone conversation, the pump manufacturer, tank inside dimensions, and tank elevations/inverts are provided. All of this information is based on tank manufacturer data for each tank size. This detailed information is used for computing the tank storage and pump requirements. Drafting scale tank cross-sections is an unnecessary requirement.

3.) Lateral length should be calculated with half a hole spacing i.e., T1-1 Lateral Length = 22.5 (not 20)

The lateral lengths have been corrected and an updated chart is included in the plan.

4.) On Lateral Detail, specify 1/2 hole spacing at manifold and end.

The plan now notes 1/2 spacing per the chart.

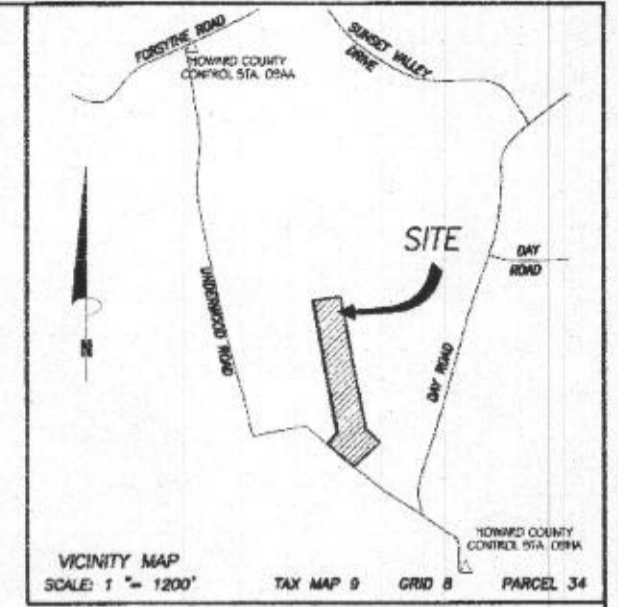
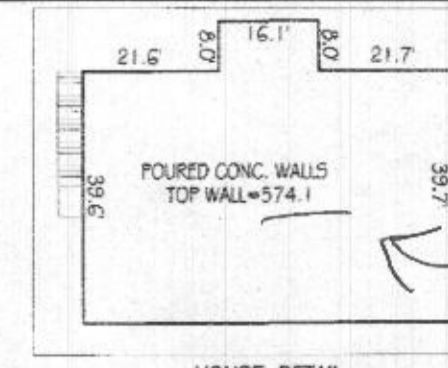
Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786

- NOTES
1. FOUNDINGS AND FOUNDATION ARE IN PLACE AS SHOWN HEREON.
  2. TOP WALL = 574.10
  3. BUILDING TIES ARE 20.0' UNLESS OTHERWISE NOTED.



BOWLING GREEN FARMS, INC.  
L. 1121, F. 5/5

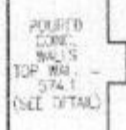
BOWLING GREEN FARMS, INC.  
L. 1121, F. 5/5

LOT 3  
RIZK PROPERTY  
PLAT #24871  
JOSEPH V & AIJKA K SAMEK  
L. 19770 F.54

LOT 2  
RIZK PROPERTY  
PLAT #24871  
MARY KAE LOCKWOOD  
MARUISA TAKASHIMA  
L. 20129 F. 42

LOT 1  
RIZK PROPERTY  
PLAT #24871  
BRETT T & EDWARD J SILVA  
L. 20051 F.218

LOT 2  
434,147 SQ. FT.  
9.9666 Ac.±



EX. WELL  
(HC-95-1365)

LOT 1  
GOOD NEIGHBORHOOD  
PLAT #19999  
MICHAEL T SMITH & HANNAH K ARNOLD  
L. 19222 F.236

LOT 1  
GOOD NEIGHBORHOOD  
PLAT #19999  
MICHAEL T SMITH & HANNAH K ARNOLD  
L. 19222 F.236



UNDERWOOD ROAD  
50' R/W  
PUBLIC-LOCAL-SEVIC ROAD

*Rejected for scale*



PROFESSIONAL CERTIFICATION:  
I CERTIFY THIS PLAN TO BE CORRECT, IF IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FURNISHED HAVING THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.  
I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21513, EXPIRATION DATE AUGUST 4, 2024, IN ACCORDANCE WITH COMAR 09.15.06.12.

*Jeffrey W. Ekins* 9/29/2021  
Jeffrey W. Ekins, Prof. Land Surveyor

WALL CHECK DRAWING		LOT 2	
GOOD NEIGHBORHOOD		PLAT #19999	
1431 UNDERWOOD ROAD		SCALE: 1" = 50'	
TAX MAP: 9	ELECTION DISTRICT: No. 3	GRID NO: 8	DATE: SEPTEMBER, 2021
PARCEL NO: 34	HOWARD COUNTY, MARYLAND	EX. ZONING: RC-DEG	SHEET 1 OF 1
<b>VANMAR ASSOCIATES, INC.</b> Engineers Surveyors Planners 210 South Main Street, Mount Airy, Maryland 21771 (301) 629-2589 (301) 857-5015 (410) 540-2751 Fax: (301) 931-5693 ©Copyright, Tolerant, Name Shown			