



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](https://www.facebook.com/hocohealth)

RECEIPT DATE: 4/13/22

## ONSITE SEWAGE DISPOSAL SYSTEM

P 571498

APPROVAL DATE: 07/28/2022

## PERMIT:

## REPAIR

A

PROPERTY ADDRESS: 1485 Underwood Road

SUBDIVISION: \_\_\_\_\_

LOT: \_\_\_\_\_

TAX ID: \_\_\_\_\_

CONTRACTOR: Fogles Septic Clean Inc

EMAIL: kim@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784

PHONE: 410-795-5670

PROPERTY OWNER: Indian Cave Farms LLC

EMAIL: \_\_\_\_\_

OWNER ADDRESS: 2921 Greenway Drive, Ellicott City, MD 21042

PHONE: \_\_\_\_\_

SEPTIC TANK SIZE (GALLONS): existing (1000)

PUMP CHAMBER CAPACITY (GALLONS): N/A

PUMP SIZE: \_\_\_\_\_

NUMBER OF BEDROOMS: 3

HOUSE SQ. FT. \_\_\_\_\_

APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: <u>124'</u>	INLET DEPTH: <u>5'</u>
	TRENCH WIDTH: <u>2'</u>	MAXIMUM BOTTOM DEPTH: <u>9.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10' ETC</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6.5'</u>
LOCATION:	TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	<u>Inlet can be adjusted down to 6' in order to make fall from tank</u>	

ISSUED BY: Susan Thomas

ISSUE DATE: 4/28/22

EXPIRATION DATE: 4/28/23

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 SEPTIC 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 \_\_\_\_\_

NOTE: THE HCHD DOES NOT WARRANTY ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.

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.

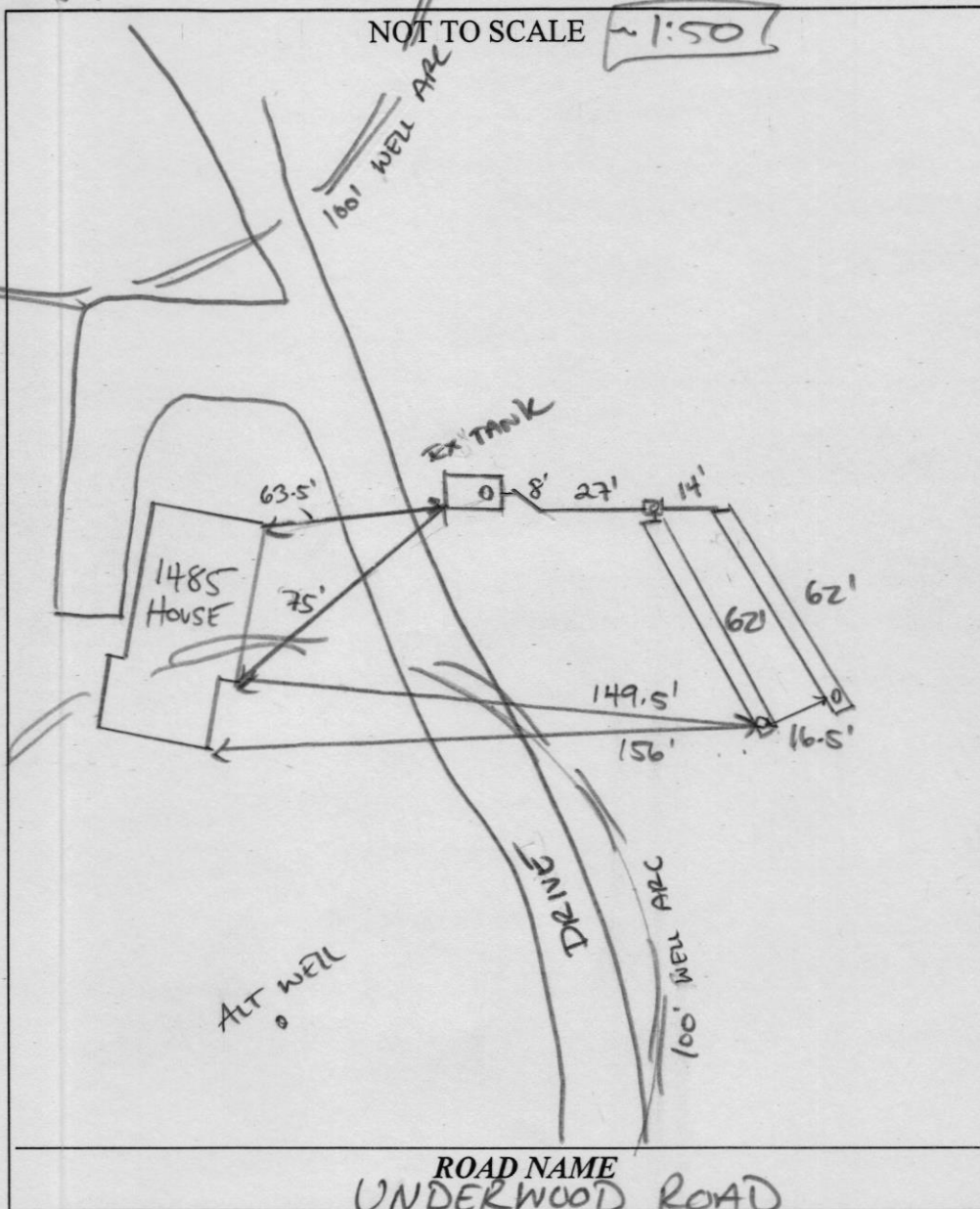
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

↑ Ho-73-4031 (SHARED WELL 1485, 1495, CALF BARN

NOT TO SCALE

~1:50



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3'	6.5'	9.5'
NUMBER OF TRENCHES 2		
TOTAL LENGTH 124 F		
ABSORPTION AREA 372 SF + 3'		
DISTRIBUTION BOX LEVEL SPEED		
DISTRIBUTION BOX BAFFLE CONC.		
DISTRIBUTION BOX PORT YES		

SIDE WALL

**SEPTIC TANK DATA**

**EXISTING**

SEPTIC TANK 1 LEVEL \_\_\_\_\_

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

PUMP/SEPTIC TANK LEVEL \_\_\_\_\_

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

**PRE-CONSTRUCTION:**

4/28/22 Laid out 2x62' trenches on contour. (ST)

07/26/2022 CONFIRMED 100' WELL + ALT WELL SETBACK. LAID OUT 2X62' TRENCHES

INSTALLATION: 07/27/2022 EXPOSED EX TANK. HYDRAULIC PRESSURE POPPED LID OF TANK. SET D BOX, INSTALLED LOWER TRENCH. (P)

07/28/2022 TRENCHES COMPLETE. EFFLUENT LINE INSTALLED. ONLY ONE SPEED LEVEL USED; UPPER TRENCH. (P)

FINAL INSPECTOR

DATE OF APPROVAL

07/28/2022

8-24-90  
ASAP

# 288360

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT \_\_\_\_\_

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE May 30, 1990

DATE SYSTEM APPROVED 2/24/90

INSPECTOR B. J. Hodges

Collins Company, Inc.

Philip Jones

IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Bowling Green Farm ROAD 1455 Underwood Road LOT 1

PROPERTY OWNER Philip Jones

ADDRESS 1465 Underwood Road, Sykesville Maryland 21784

~~NO GARAGE GRINDER IS USED IN HOUSE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

~~GARAGE GRINDER XXXXX~~ TRAILER

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box between the 2 high perc holes located 150 ft. from the edge of the dirt road and 230 ft. from the edge of the small stream. Run the trenches toward the two high perc holes.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 6-7-90 JEN

## BUILDING PERMIT SIGNED

AND RETURNED 11-13-02

PLANS APPROVED BY Raymond Hodges DATE 10/29/89

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BUDG. PERMIT SIGNED  
AND RETURNED  
11-13-02

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 7.7.0.22





# PERMIT

## SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH • DISTRICT \_\_\_\_\_

### HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

P \_\_\_\_\_

A REPAIR \_\_\_\_\_

DATE 8/21/90

DATE SYSTEM APPROVED 8/21/90

INSPECTOR RJL

Collins Company, Inc.

IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER X

ADDRESS 7702 Gaucher Rd Sykesville MD 21784 PHONE 795-8618

SUBDIVISION \_\_\_\_\_ ROAD 1465 Underwood Road LOT \_\_\_\_\_

PROPERTY OWNER Ridgely Jones

ADDRESS 1485 Underwood Road

West Friendship, Maryland 21794

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 30% AND ABSORPTION AREA BY 25%~~

~~GARBAGE GRINDER~~ YES ~~XXXXXXXXXXXX~~ EXISTING HO 40

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR.

180 ABR INLET 7' BOT 9' 2 TRENCHES 60' EQ.  
2' STONE MR

PLANS APPROVED BY Craig Williams cm DATE 08/16/90

COVER NO WORK UNTIL INSPECTED AND APPROVED

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NOTE: IF DEEP TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

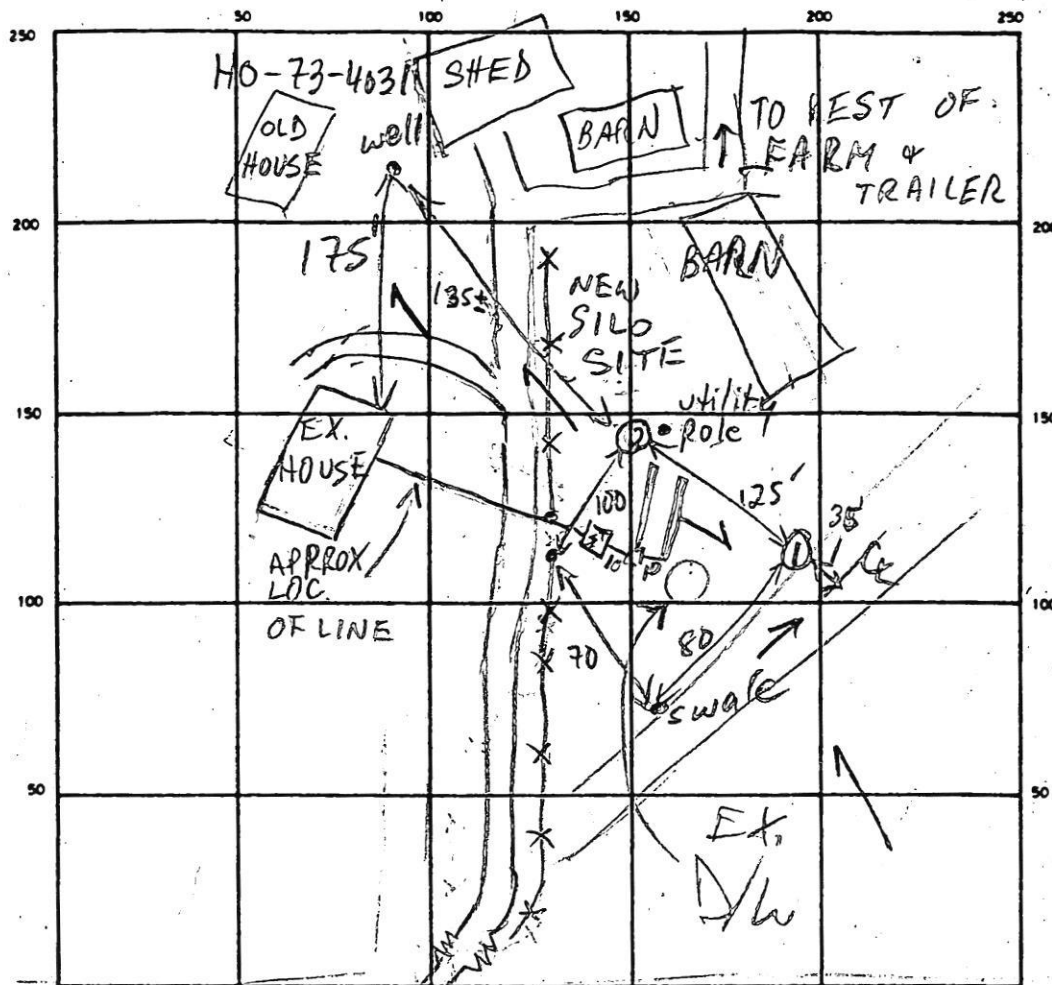
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



① & ②  
 019 brn sandy clay loam  
 tan brn sand loam  
 1590 saprolite frags  
 mottles in rock strucs in ①

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

UNDERWOOD RD

SEPTIC TANK. LEVEL 1000 CLEANOUTS MANHOLE  
 DISTRIBUTION BOX. LEVEL OK  
 DRAIN FIELD/TILE FIELD. DEPTH 9 FT. TRENCH WIDTH 3 FT. INLET DEPTH 7 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 65 60 3 FT. 25  
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 375 SQ. FT.  
 DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 8/16/90 TIGHT AREA, BUT ~10K OBTAINED MR  
8/21/90 TRENCHES NOT ADD STONE RH.  
8/21/90 STONE ADDED RH

DATE SYSTEM APPROVED

8/21/90

INSPECTOR

Raymond Hodges