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
Facebook: www.facebook.com/hocohealth

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

RECEIPT DATE: 4/2/21 **ONSITE SEWAGE DISPOSAL SYSTEM** P 568824

APPROVAL DATE: _____ **PERMIT: REPAIR** A _____

PROPERTY ADDRESS: **7394 Hopkins Way**

SUBDIVISION: HALLMARK LOT: 20 TAX ID: 05-382955

CONTRACTOR: **Young's Excavating LLC** EMAIL: _____

CONTRACTOR ADDRESS: **P.O. BOX 220, Keymar, MD 21757** PHONE: **443-277-5854**

PROPERTY OWNER: **Bhrugesh Vyas** EMAIL: _____

OWNER ADDRESS: **7394 Hopkins Way, Clarksville, MD 21029** PHONE: _____

SEPTIC TANK SIZE (GALLONS): 1250 (EX) PUMP CHAMBER CAPACITY (GALLONS): — PUMP SIZE: —

NUMBER OF BEDROOMS: _____ HOUSE SQ. FT. _____ APPLICATION RATE: _____

DISTRIBUTION SYSTEM: GRAVITY FED ☐ LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: _____	INLET DEPTH: _____
	TRENCH WIDTH: _____	MAXIMUM BOTTOM DEPTH: _____
	MINIMUM SPACE BETWEEN TRENCHES: _____	EFFECTIVE AREA BEGINNING DEPTH: _____
LOCATION:	**TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.**	
NOTES:		

ISSUED BY: _____ ISSUE DATE: _____ EXPIRATION DATE: _____

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 ACKOWLEDGE 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 GUIADNCE.

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

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
_____	_____	_____

NUMBER OF TRENCHES _____

TOTAL LENGTH _____

ABSORPTION AREA _____

DISTRIBUTION BOX LEVEL _____

DISTRIBUTION BOX BAFFLE _____

DISTRIBUTION BOX PORT _____

SEPTIC TANK DATA

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:

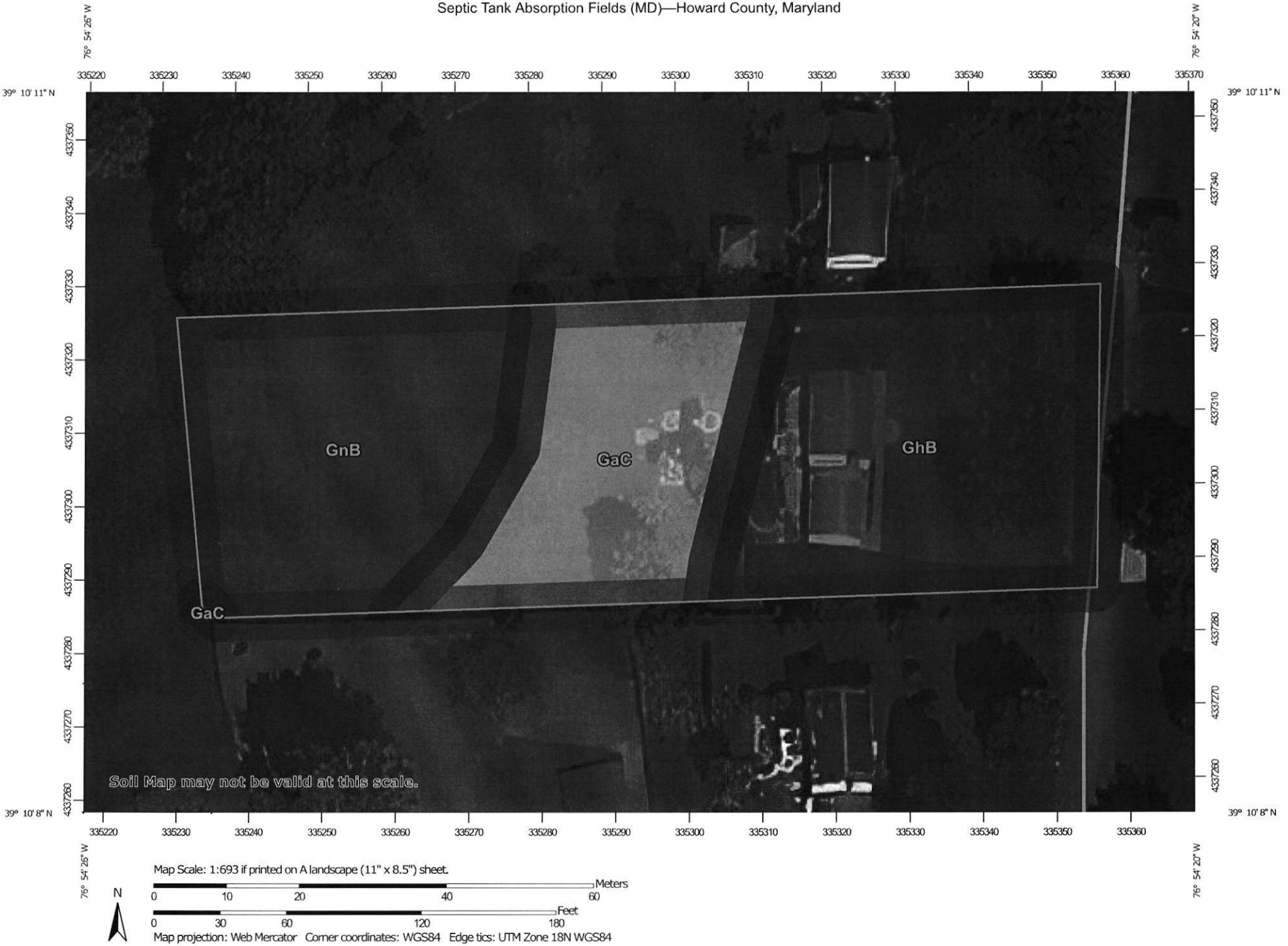
INSTALLATION:

FINAL INSPECTOR _____. DATE OF APPROVAL _____.

FILE INQUIRY NOTES

7394 HOPKINS WAY

DATE	RESULTS OF REVIEW FOR FILE
04/15/2024	CONTRACTOR TO PUMP SEPTIC TANK TO CONFIRM BACKFLOW. MAY NEED TO UNCOVER TRENCH. (tp)
10/25/22	Freedom septic pulled permit to replace system due to failure. Upon scrnd, there was no sign of sewage overflow. D.w. had about 4' liquid level → which looked to be @ or near invert of overflow trench. We dug up beginning of trench (top of stone) and probed trench. It was found to be dry. We showed this to homeowner who opted to not perform a perc test @ this time. (KMW)



Map Scale: 1:693 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 10 20 40 60

Feet
0 30 60 120 180

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- Very limited
- Somewhat limited
- Not limited
- Not rated or not available

Soil Rating Lines
- Very limited
- Somewhat limited
- Not limited
- Not rated or not available

Soil Rating Points
- Very limited
- Somewhat limited
- Not limited
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Howard County, Maryland
Survey Area Data: Version 15, Jun 12, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 3, 2015—Feb 22, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Septic Tank Absorption Fields (MD)

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
GaC	Gaila loam, 8 to 15 percent slopes	Somewhat limited	Gaila (85%)	Slope (0.63)	0.3	27.4%
			Manor (15%)	Slope (0.63)		
GhB	Glenelg-Urban land complex, 0 to 8 percent slopes	Very limited	Glenelg (45%)	Restricted permeability (1.00)	0.5	39.4%
			Glenville (5%)	Restricted permeability (1.00)		
GnB	Glenville-Baile silt loams, 0 to 8 percent slopes	Very limited	Glenville (50%)	Depth to saturated zone (1.00)	0.4	33.2%
				Depth to cemented pan (1.00)		
				Restricted permeability (1.00)		
			Baile (35%)	Depth to saturated zone (1.00)		
				Ponding (1.00)		
				Restricted permeability (1.00)		
			Glenelg (15%)	Restricted permeability (1.00)		
Totals for Area of Interest					**1.3**	**100.0%**

Rating	Acres in AOI	Percent of AOI
Very limited	0.9	72.6%
Somewhat limited	0.3	27.4%
Totals for Area of Interest	**1.3**	**100.0%**

Description

Septic tank absorption fields are areas in which effluent from a septic tank is distributed into the soil through subsurface tiles or perforated pipe. The soil between depths of 0 and 60 inches is evaluated. The ratings are based on the soil properties that affect absorption of the effluent, construction and maintenance of the system, and public health. Saturated hydraulic conductivity (Ksat), depth to a water table, ponding, depth to bedrock or a cemented pan, and flooding affect absorption of the effluent. Stones and boulders, ice, and bedrock or a cemented pan interfere with installation. Subsidence interferes with installation and maintenance. Excessive slope may cause lateral seepage and surfacing of the effluent in downslope areas.

Some soils are underlain by loose sand and gravel or fractured bedrock at a depth of less than 4 feet below the distribution lines. In these soils the absorption field may not adequately filter the effluent, particularly when the system is new. As a result, the ground water may become contaminated.

The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect the specified use. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen, which is displayed on the report. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the Selected Soil Interpretations report with this interpretation included from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.

The Maryland version of this interpretation differs from the national version as follows:

1. Soils in Maryland are evaluated from 0-60 inches, instead of 24 to 60 inches.
2. Evaluation of minimum Ksat is from 24" to 60".
3. Restriction limits are < 4.0 and > 14.0 um s-1.
4. Unstable Fill is removed from the criteria related to reclamation material.
5. Seepage, Bottom Layer, Not Aridic are removed from the criteria.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

HOPKINS WAY
HOPKINS WAY
HOPKINS WAY
HOPK
7900
7904
7908
7912

HOWARD COUNTY HEALTH DEPARTMENT

68824

DATE 4/2/24

P5

Received From Young Excavating PHONE # 443-277-5859

For Repair - 7394 Hopkins Way

☐ CASH

☒ CHECK

NO. 503

One hundred sixty-five Dollars

165.00

Received By JKemp

HOWARD COUNTY HEALTH DEPARTMENT

68824

DATE 4/2/21

P5

Received From Young Excavating PHONE # 443-277-5854

For Repair - 7394 Hopkins Way

☐ CASH
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NO. 5503

One hundred sixty five Dollars

$ 165.00

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