



Howard County
Health Department

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: 4/27/16

ONSITE SEWAGE DISPOSAL SYSTEM

P 558098

APPROVAL DATE: 5/25/16 **SEC**

PERMIT:

REPAIR

A

PROPERTY ADDRESS: 12120 Carroll Mill Road

SUBDIVISION: Woodmark

LOT: 64

TAX ID: 03-292967

CONTRACTOR: Hatfield's Equipment

EMAIL: ken@hatfieldsequipment.com

CONTRACTOR ADDRESS: P.O. Box 519, Annapolis Junc., MD 20701

PHONE: 410-984-0047

PROPERTY OWNER: Kevin Becraft

EMAIL:

OWNER ADDRESS: Same as above

PHONE: 443-370-2588

SEPTIC TANK SIZE (GALLONS): Existing

PUMP CHAMBER CAPACITY (GALLONS): n/a

PUMP SIZE: n/a

NUMBER OF BEDROOMS: 5

HOUSE SQ. FT.

APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: <u>172</u>	INLET DEPTH: <u>3.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6.5</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4'</u>
LOCATION:	TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Design: $5BR(150gpd/BR) = 750gpd \div 0.8gpd/ft^2 = 937.5ft^2 \div 3ft = 312.5ft (.55) = 172LF$ Install 3x58' trenches on contour at highest part of lot inside generated SRA. Invert depths tbd at time of pre-construction layout. Spec's may need to be adjusted as EH specialist determines onsite. Also observation hole may need to be dug to determine further limiting zones if needed. Call for inspection.	

ISSUED BY: K. Wolf

ISSUE DATE: 5/4/2016

EXPIRATION DATE: 5/4/2017

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 n/a

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

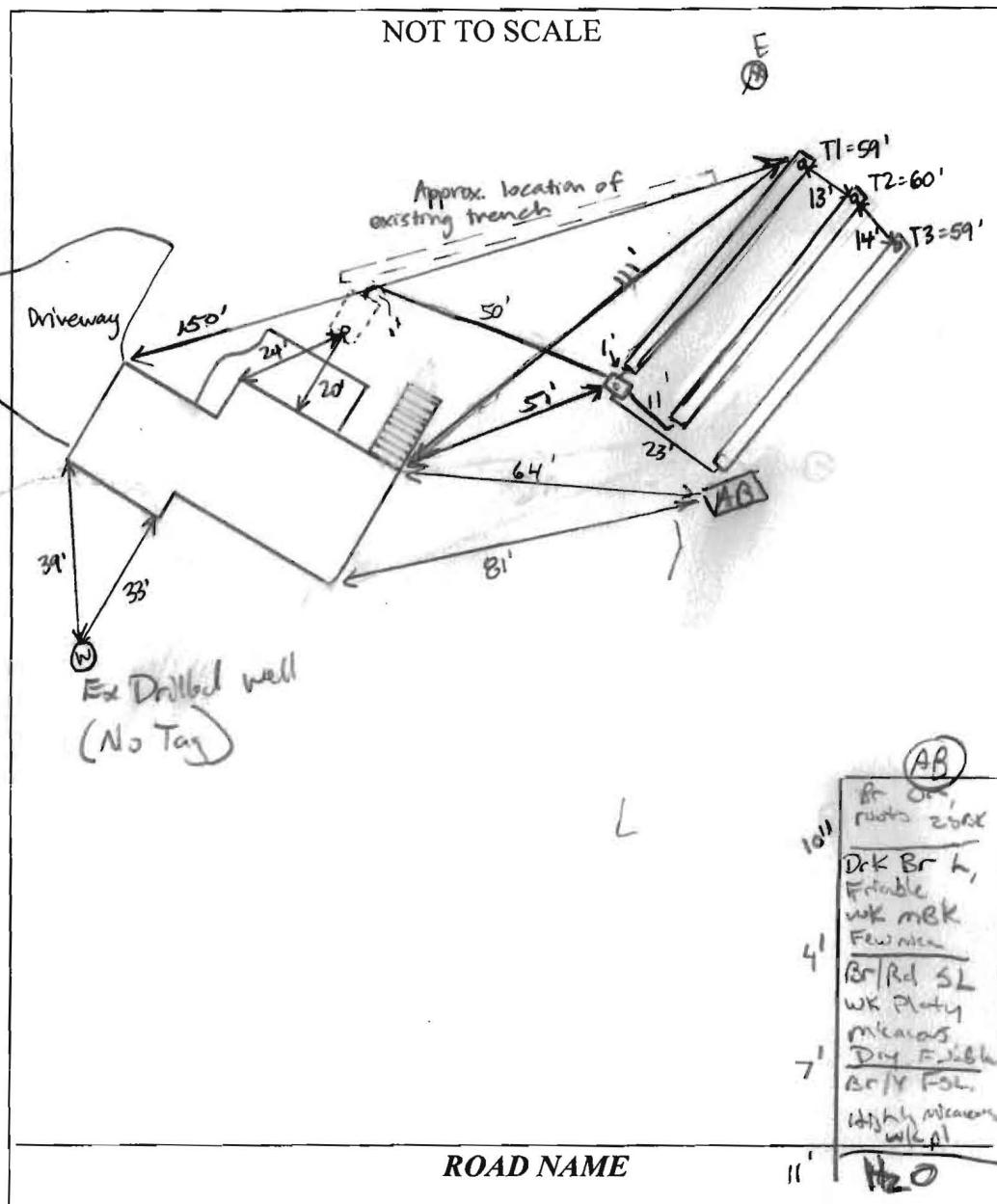
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

1" ≈ 40'

NOT TO SCALE

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3	3.5'	6.5'

NUMBER OF TRENCHES 3

TOTAL LENGTH 178'

ABSORPTION AREA 534' + SIDEWALL

DISTRIBUTION BOX LEVEL Yes

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL 12' 6" fall to outlet

MANUFACTURER

CAPACITY 1500 GAL

SEAM LOC mid

TANK LID DEPTH 2 1/2

BAFFLES Yes (new outlet) 4"

BAFFLE FILTER N/A

MANHOLE LOC none

6" PORT LOC Front

WATERTIGHT TEST OK

SLOTTED NO

DATE ON LID N/A

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

PRE-CONSTRUCTION:

5/12/16 Met Hatfield's on site. Existing 84' trench has surfacing and is an indentation in the grass. It extends in to upper portion of SDA designed after 2013 perc's. Marked locations of those perc holes to get an idea of SDA area. Laid out 3 x 58' trenches on contour 5' below end of existing trench (not on contour). T3 is 2-3' shorter. T1 + T2 2-3' longer b/c start of T3 drops. Chose spot to dig a test hole just below start of T3. Tank has 6" clo at inlet end, waste + grease had backed up into c/o. 5/23/16 Spoke w/ contractor on phone. obs. hole chg. water seep @ 12.5'. Gave OK to install system as per layout on 5/12. Will flip w/ inspectors (KMW) 5/23/16 Contractor had new plumbing tied in to Dbox. Top/upper trench installed, starting middle trench. Backhoe broke down. Stone dirty. Told contractor. Also required about manhole riser on S.T. Owner does not want a riser. Only 6". (KMW) 5/25/16 Trenches finished. T2 covered. T3 left open. 3' wide, 3' to stone at start and 4' to stone at end (contour at start a few inches lower). Levelled speed levelers in D-box. (SC)

INSTALLATION: into c/o. 5/23/16 Spoke w/ contractor on phone. obs. hole chg. water seep @ 12.5'. Gave OK to install system as per layout on 5/12. Will flip w/ inspectors (KMW) 5/23/16 Contractor had new plumbing tied in to Dbox. Top/upper trench installed, starting middle trench. Backhoe broke down. Stone dirty. Told contractor. Also required about manhole riser on S.T. Owner does not want a riser. Only 6". (KMW) 5/25/16 Trenches finished. T2 covered. T3 left open. 3' wide, 3' to stone at start and 4' to stone at end (contour at start a few inches lower). Levelled speed levelers in D-box. (SC)

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FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 5/25/16



HOWARD COUNTY HEALTH DEPARTMENT

58098

DATE

4/27/16

P5

Received
From

Karen Beecraft.

PHONE #

443-370-2588

☐ CASH

☐ CHECK

NO.

For

Optic Repair / 12120 Carroll
Mill Rd.

One hundred sixty-five — Dollars

\$

165.00

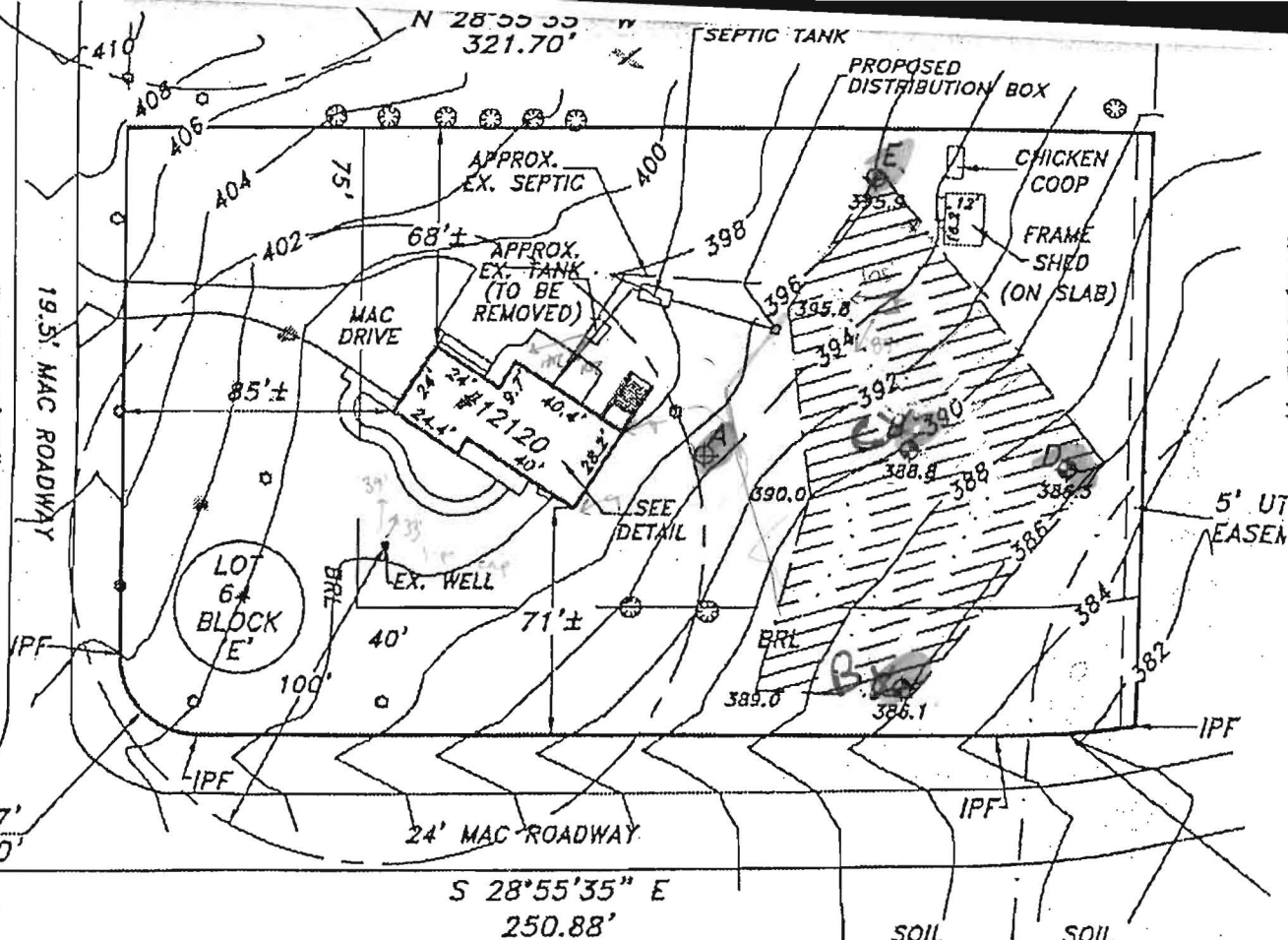
Received By

J King

CARROLL MILL COURT
50' R/W

S 61°04'25" W
165.00'

L=39.27'
R=25.00'



CARROLL MILL ROAD

60' R/W

SOIL
SEE NOTE
No. 7(a) | No. 7(b)

0'



HOWARD COUNTY, MARYLAND
HEALTH DEPARTMENT

APPROVED FOR PRIVATE WATER AND
PRIVATE SEWERAGE SYSTEMS;

HEALTH OFFICER

OWNER/DEVELOPER

KEVIN C. & HAYLEY J. BECRAFT
12120 CARROLL MILL ROAD
ELLCOTT CITY, MARYLAND 21042
PHONE: 443-370-2588

The purpose of this drawing
positions of buildings and su
property shown hereon, being
LOT 64, BLOCK 'E',

recorded among the land res
Plat 15

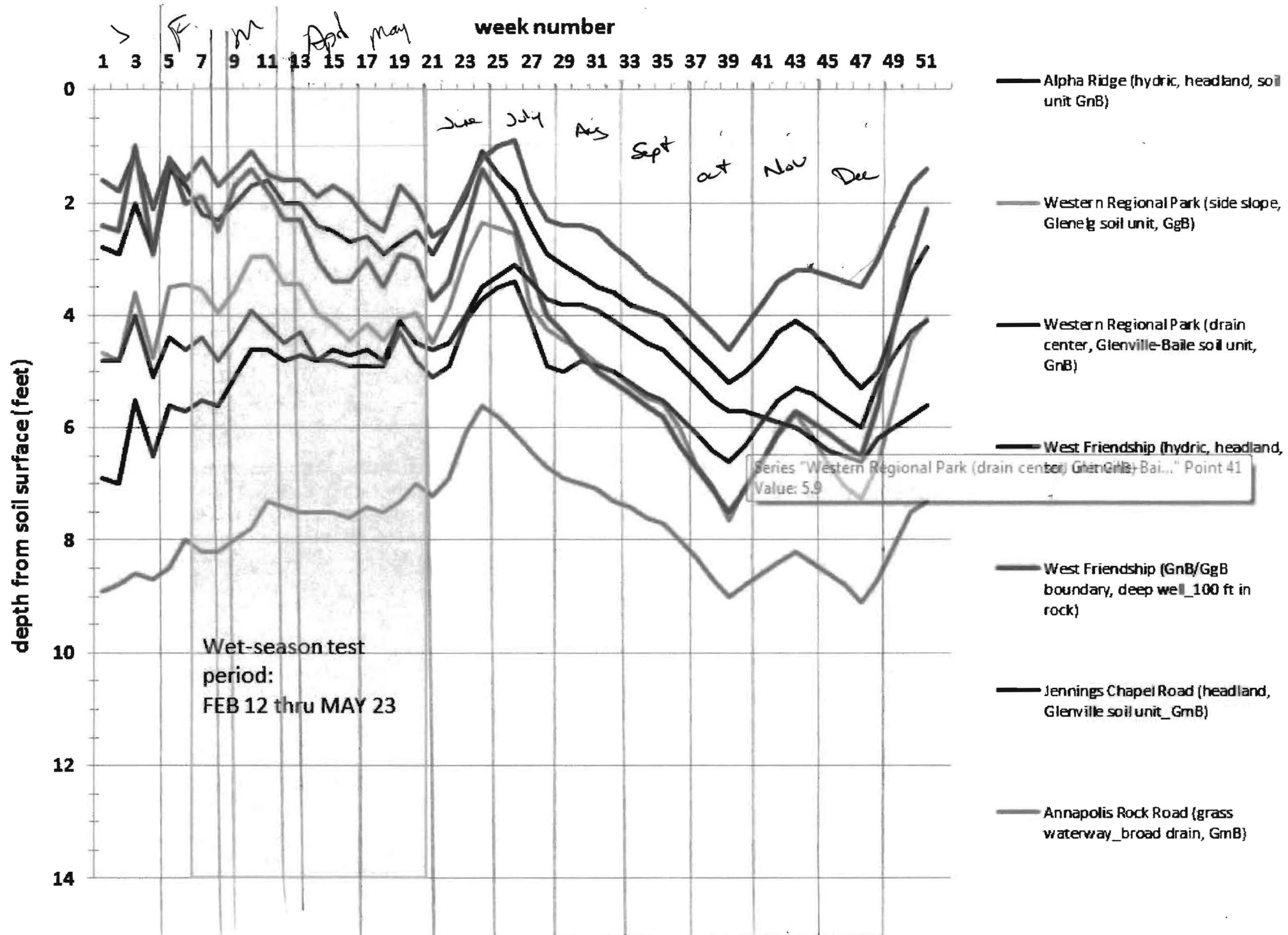
Subject property is shown in
Maryland on Community Pan

This is to certify that I either p
over the preparation of this dra
all set forth in Regulation .12 &
Annotated Regulations.

1" = 60'

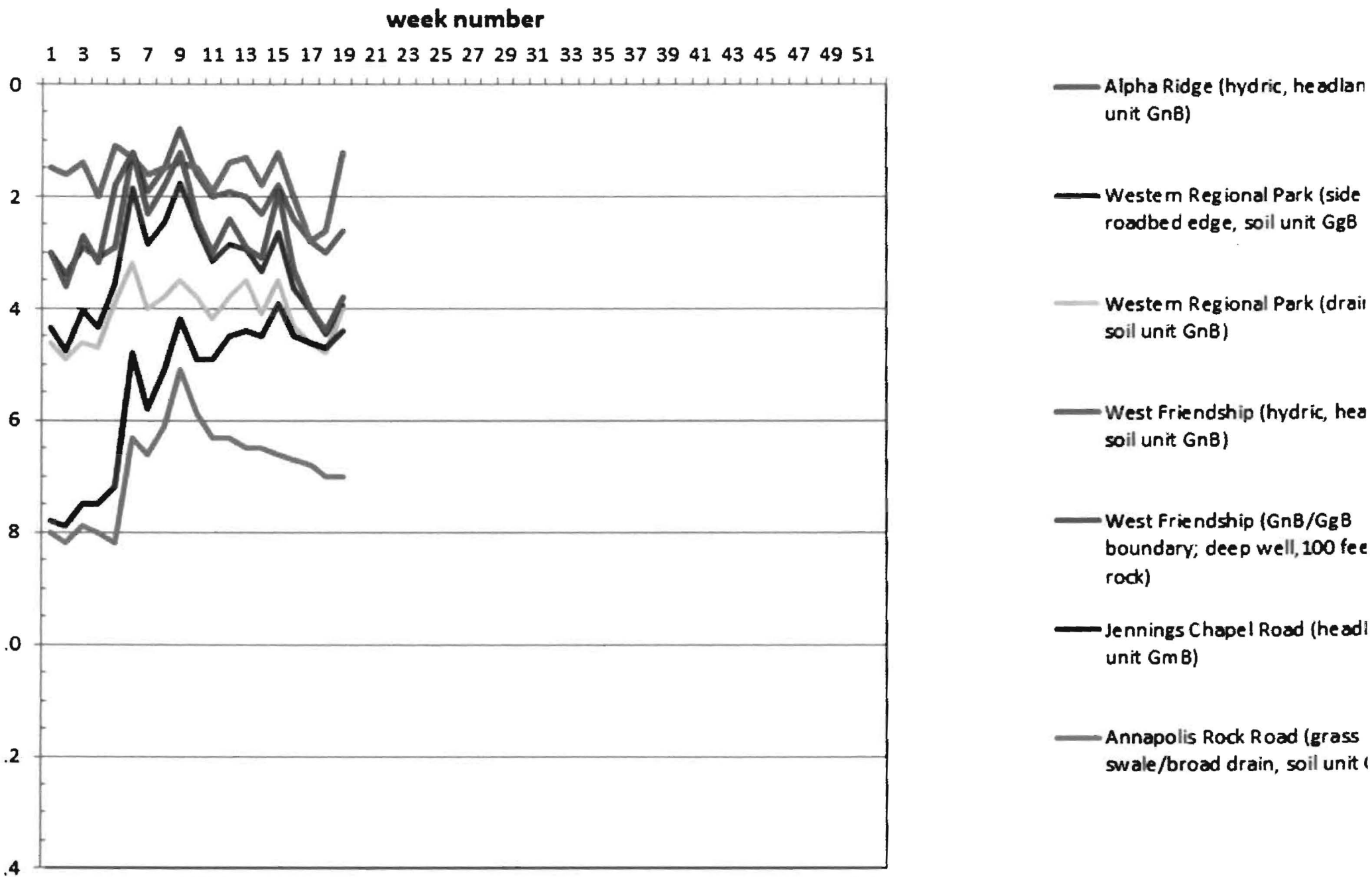
HOWARD COUNTY HEALTH DEPARTMENT WATER TABLE OBSERVATIONS:

2013, thru DECEMBER 19 (WEEK 51)



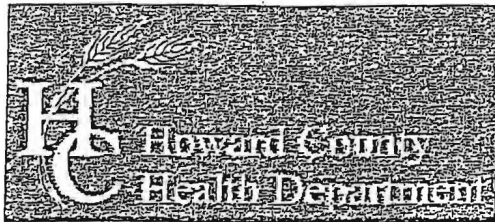
HOWARD COUNTY HEALTH DEPARTMENT

WATER TABLE OBSERVATIONS: 2016, thru May 6 (WEEK 19)



FILE INQUIRY NOTES

[illegible]



Bureau of Environmental Health

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Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

INFORMATION FORM – SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- ☒ Failing System
- ☐ System relocation for proposed addition
- ☐ System upgrade for proposed addition
- ☐ Inadequate treatment zone
- ☐ Collapsed septic tank
- ☐ Collapsed drywell

Existing system design

- ☐ Drywell
- ☒ Trench
- ☐ Mound
- ☐ Unknown
- ☐ Other: _____

Is discharge surfacing on the ground?

- ☒ Yes
- ☐ No

Has the septic tank been pumped within the last month?

- ☐ Yes Date pumped: _____
- ☒ No

Was a visual inspection of the septic tank and/or drain fields conducted?

- ☒ Yes Explain observations: Wet Spot Back
- ☐ No OF Drain Field

Was a visual inspection of the sewage line conducted?

- ☐ Yes Blockage leading to the tank
 - ☐ Yes. Explain: _____
 - ☐ No _____
- Blockage leading to the field
 - ☐ Yes. Explain: _____
 - ☐ No _____

☐ No

Additional Comments: _____

*For REPAIRS, are the owners proposing, or do they plan to add in the future, any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application. The Health Department will not be able to accommodate requests in the field for property modifications unrelated to the repair request. Such requests may require an additional fee, testing, and submittal of a Percolation Certification Plan, if the property does not meet current Code and Regulation.

Septic Contractor: Ken Hatfield Contractor's Phone: _____
Contractor's Address: _____

Property Address: 12120 Carroll Mill Rd Ellicott City County file: _____
Subdivision: Wood Mack Lot: _____ Year Built: 1974
Owner's Name: Kevin Beckett Owner's Phone: 443-370-2596

Name of previous owners: _____ Existing bedrooms: 5
Proposed bedrooms: _____

Has this request been previously discussed with a Sanitarian? (Name): _____
Public Sewer available/nearby: No

*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

Prior to scheduling inspections, scaled plans should be submitted to clarify the nature of the addition.

Print out a copy of Real Property Data via Dept. of Taxation website _____ Indexed file found _____

If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.

If sewer is available and the property is within the Metropolitan District, connection to sewer is required. If the owner believes reason for exemption exists, the owner should justify the request in writing.

If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.

No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency situation exists. The contractor is to notify office of the emergency situation as soon as possible.