

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
Facebook: www.facebook.com/hocohealth

RECEIPT DATE: 1/15/2020 ONSITE SEWAGE DISPOSAL SYSTEM P P567279

APPROVAL DATE: 09/13/2021 PERMIT: CONSTRUCTION A

PROPERTY ADDRESS: 12942 Brighton Dam Rd.

SUBDIVISION: Tax Map 34, Parcel 269 LOT: TAX ID: 05-363438

CONTRACTOR: Farm & Home Excavating Inc. EMAIL:

CONTRACTOR ADDRESS: 901 Driver Road Marriottsville, MD 21104 PHONE: 410-442-2139

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: [X] MDE [X] MANUFACTURER:

PROPERTY OWNER: Rajeev Kurichh EMAIL: Rkurichh.mdllc@gmail.com

OWNER ADDRESS: 26 Blackburn Ct. Burtonsville, MD 20866 7570 Sanner Rd. Laurel, MD 20723 PHONE: 301-524-4148

BAT UNIT MODEL: Norweco TNTLP-500 PUMP SIZE: 0.5 PUMP TANK CAPACITY: 1500

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 05/26/2020 DATE RECORDED:

DISTRIBUTION SYSTEM: [] GRAVITY [] PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.8

Table with trench specifications: LINEAR FEET REQUIRED: 160, TRENCH WIDTH: 3, MINIMUM SPACE BETWEEN TRENCHES: 10, INLET DEPTH: 4ft, MAXIMUM BOTTOM DEPTH: 7ft, EFFECTIVE AREA BEGINNING DEPTH: 4ft

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

NOTES: On-Site water tightness testing of the BAT and Pump Tanks

ISSUED BY: Robert Freemon ISSUE DATE: 1/15/2020 EXPIRATION DATE: 1/15/2021

- 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 DOWNGRAIDENT 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
[X] ELECTRICAL PERMIT ISSUED E E18003842
NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
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.

279189279189

NOT TO SCALE

* see attached

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES		4
TOTAL LENGTH		168 F
ABSORPTION AREA		504 SF + 3' SIDE WALL
DISTRIBUTION BOX LEVEL		LPO
DISTRIBUTION BOX BAFFLE		MANIF
DISTRIBUTION BOX PORT		—

PRE-CONSTRUCTION:

BAT SEPTIC TANK DATA

SEPTIC TANK I LEVEL YES

MANUFACTURER Norweco/Backriver

CAPACITY 600 GAL

SEAM LOC top

TANK LID DEPTH 1

BAFFLES BAT

BAFFLE FILTER BAT

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST passed

SLOTTED BAT

DATE ON LID 12-30-20

PUMP/SEPTIC TANK LEVEL YES

MANUFACTURER _____

CAPACITY 1500 GAL

SEAM LOC TOP

TANK LID DEPTH _____

BAFFLES —

BAFFLE FILTER —

MANHOLE LOC FRONT/BACK

6" PORT LOC —

WATERTIGHT TEST passed

SLOTTED SINGLE COMPT

DATE ON LID _____

NORWECO

7/1/2020 Tank locations were not staked. Layout needs to be rescheduled. (ST) 4/28/21 Laid out 4x40' trenches on contour. House footprint has shifted. See wall check for correct footprint. BAT tank set. (ST)

INSTALLATION: 09/08/2021 INSTALLED FORCE MAIN AND LOWER 2x42' TRENCHES. BERMED AND FABRIC FOR RAIN. 09/10/2021 TRENCHES COMPLETE; MANIFOLD COMPLETE. 09/13/2021 ALARM AND PUMP FUNCTIONAL. DHP EXCEEDS LATERAL TURN VP AT ALL TRENCHES 24', OPEN TR INSP. 5/28/21 Both tanks passed watertight test (ST)

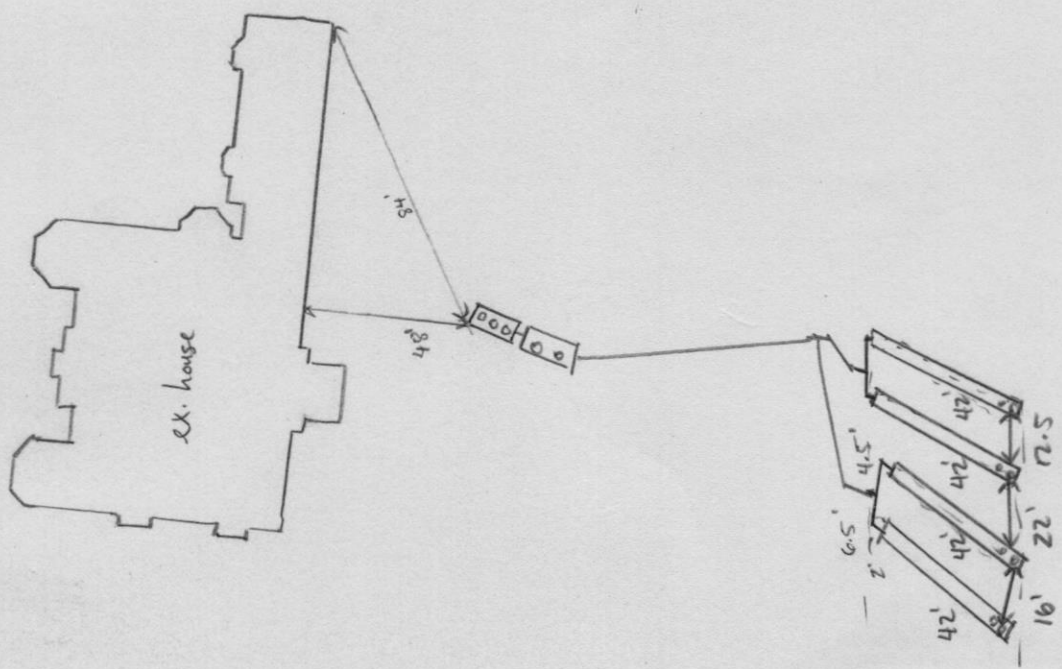
FINAL INSPECTOR

DATE OF APPROVAL

09/13/2021

12942 Brighton Dam Rd

NOT TO SCALE 1" = 50'

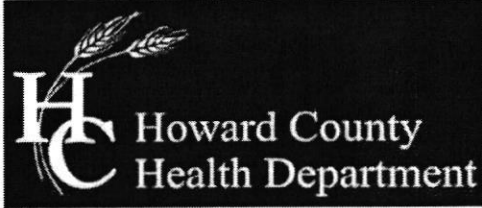


DAP ALL OVERFLOWING TURN UP

4'

(W) 40-15-0393
164 ROAD

Brighton Dam Rd



Bureau of Environmental Health

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Twitter: HowardCoHealthDep

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

**APPLICATION FOR VARIANCE
TO COMAR ONSITE WATER/SEWER FOR MDE APPROVAL**

Date Submitted March 13, 2018

12942 Brighton Dam Road

Property Address

Subdivision	Lot	Tax Map	Grid	Parcel	Tax Account #
		34	10	269	05-363438

Provide a brief site history including previously submitted and active plans with the Health Department or the County (subdivision plans, perc test applications, Building Permit applications):

Kurichh Property (formerly Schlegel Property) Perc test application completed & perc cert signed 7/31/2014. Kurichh Property BAT plan approved and signed 1/17/2017. Building permit (B16003304) review caused a request for new BAT that had tanks less than 100' from spring head.

In the area below, list the specific section of the Code of Maryland Regulations (COMAR) to which a variance is being requested and provide a brief summary of the regulation and an explanation of why the variance is being requested (Attach a separate sheet if necessary).

Regulation Section	Summary and Explanation
1. <u>COMAR,26.04.02.04.J(2)</u>	<u>Please see attached sheet.</u>
2. _____	_____

[Signature]
Property Owner's Signature

Health Department Use Only

Reviewed by *[Signature]* 3/20/18
HCHD Staff Date

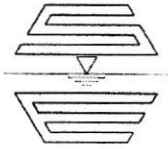
Recommendation: Recommended Not Recommended
[Signature] 3/20/18
HCHD Supervisor Date

Comments/Conditions: On-site water tightness testing of the BAT and pump tanks.

Approved by: *[Signature]* 4/3/18
MDE Representative Date

Condition
for OSDS
Permit





11130 Dovedale Court, Suite 200
Marriottsville, MD 21104
Website: www.sillengineering.com

Office: 443-325-5076
Fax: 410-696-2022
Email: info@sillengineering.com
Civil Engineering for Land Development

SILL ENGINEERING GROUP, LLC

March 13, 2018

**Howard County Health Department
Bureau of Environmental Health**

8390 Stanford Boulevard
Columbia, Maryland 21045

Attn: Mr. Jeff Williams

RE: 12942 Brighton Dam Road
Application for Variance To COMAR
onsite water/sewer for MDE approval

Dear Mr. Williams

On behalf of our client, Rajeev Kurichh, Sill Engineering Group, LLC is requesting a variance to Section: 26.04.02.04.J(2) of the Code of Maryland Regulations.

The property is located at 12942 Brighton Dam Road, and is known as Parcel 269 on Tax Map 34, Grid 10 and is 7.0 Acres, more or less. The property is known as the Kurichh Property (formerly Schlegel Property). A Percolation Certification Plan was approved by your department on 7/31/2014. A BAT plan was approved and signed by your department 1/17/2017. During the building permit review for building permit number B16003304 it was identified that the septic system components were located within the 100' setback from the springhead onsite.

Section 26.04.02.04.J of the Code of Maryland Regulations refers to Site Evaluation as it pertains to setbacks and states:

The following horizontal separation distances are required to be maintained between the on-site disposal system including it's recovery area and the features listed although greater distances may be required at the discretion of the Approving Authority:

(2) Feature: Springs, Separation Distance: 100 feet.

We are requesting a reduction of the required 100' to 71.5' for the pump tank and 73.3' for the BAT system.

There are unchangeable site features that limit the development of this site. There is a perennial stream system that meanders in and out of the western boundary of the lot the entire length of the property. There is an existing stream that flows from the interior of the lot to the perennial stream. The perennial stream is subject to a 100' stream buffer. The intermittent stream is subject to a 50' stream buffer. Of the 7 acre site the area for the house and amenities is less than 1 acre.

12942 Brighton Dam Road
Application for Variance to COMAR
Onsite water/sewer for MDE Approval

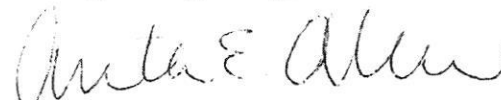
This office has evaluated the site for different design options for the placement of the septic system components. The site is designed with the front of the house facing east. The sewage disposal area is located on the east side of the property. The locations of the septic system tanks as designed under the previously approved BAT are in the front yard and are the best option for tank placement on this site. Placement in the rear yard is not feasible. There are steep slopes immediately beyond the stream buffer and in that area there is a bio-retention facility that is designed to treat some of the site's stormwater runoff. The steep slopes in the rear yard end at a retaining wall. The retaining wall location was designed to give the homeowner the largest usable yard as possible, however the area created by the retaining wall is only just large enough for the tennis court and pool. Similarly to the rear yard, the southern side yard does not allow a viable location for the septic system components because there are steep slopes in these areas as well. The setback from the steep slopes and the setback from the house does not allow the room. The northern side yard is not a reasonable placement for the system components because it is a designed swale for the site.

This office has evaluated several options to keep the tank locations in the front yard while moving the septic system components out of the 100' radius of the springhead. A plan was presented that pushed the tanks further east and out of the springhead radius. This option put the pump tank depth at 5 feet. This design was rejected because of the concern of maintaining and accessing the pump. This office has looked into raising the house to get the pump tank under three (3) feet. As stated previously, the rear yard was designed to give the homeowner the largest usable yard. The tennis court is currently 14 feet more or less from the house. The pool is 13 feet more or less from the house. Unfortunately the largest usable yard is not very large at all. The tennis court can accommodate a maximum 10" drop from one end to the other without any perception problems. The problems faced with raising the house is there is no room fit the desired amenities and tie the grades back into the existing grades.

Our design has taken great care to adhere to all of the local, and state regulations as possible. Approval of this variance would not be detrimental to the public interest and does not nullify the intent of the regulation as this variance is the minimum to afford relief and allows for improved maintenance access (and therefore improved life safety) to the septic and pump tanks.

Thank you for your consideration of this variance request. Should you have any questions or comments regarding this matter, please do not hesitate to contact this office.

Sincerely,
Sill Engineering Group, LLC



Anita E. Allen



BACK RIVER PRE-CAST, LLC
 PO BOX 329
 GLYNDON, MD 21071
 PH# 410-833-3394

NORWECO CERTIFICATION

PROPERTY OWNER: RAJEEV KURICHH	INSTALLATION COMPANY: FARM & HOME
ADDRESS: 12942 BRIGHTON DAM RD	CERTIFIED INSTALLER: BILL INGRAM
CITY, ZIPCODE & COUNTY: CLARKSVILLE, 21029, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 04-26-21
600 GPD CONCRETE	START-UP DATE: 09-10-21
NUMBER OF BEDROOMS:	DATE OF FINAL INSPECTION:
TYPE OF INSTALLATION: NEW	DATE OF ELECTRICAL INSPECTION:
ELECTRICAL WIRING PER ELECTRICAL INSTRUCTIONS: YES	TANK LEVEL: YES
HT. OF CONTROL PANEL ABOVE FINAL GRADE: 30"	BURIAL DEPTH OF TANK: 24"
SYSTEM WIRED ON A 15-AMP DEDICATED CIRCUIT WITH STD. BREAKER: YES	RISERS 4" - 6" ABOVE GRADE: YES
LENGTH(S) OF UF WIRE PAST LAST AERATION RISER(S): 30"	VENTED LID(S) ON AERATION CHAMBER(S): YES
FEMALE PLUG(S) WIRED TO UF WIRE: YES	ANY GROUND SETTLING AROUND TANK: NO
CONDUIT(S) ENTERING AERATION RISER MADE WITH A WATERTIGHT CONNECTION: YES	
ISTHE INSIDE OF THE CONDUIT ENTERING THE CONTROL PANEL(S) AND AERATION RISER(S) SEALED WITH DUCT SEAL: YES	

ON 2ND PAGE MAKE A ROUGH SKETCH OF THE HOUSE ,WHERE THE SYSTEM IS LOCATED, WHERE THE CONTROL PANEL IS LOCATED , WHERE THE FRONT OF THE IS AND DIRECTIONS TO THE PROPERTY.

DIRECTIONS CAN START A FEW STREETS AWAY

EXAMPLE: RT. X LEFT ONTO XX STREET RIGHT ONTO PRIVATE DRIVEWAY 5TH HOUSE OF THE LEFT.

I certify that the Norweco Singulair TNT Wastewater Treatment System was installed according to the manufacture's specifications.

Matthew Geckle

Sept 10, 2021

Signature of BRP Representative

Vice-President

Date

Williams, Jeffrey

From: Anita Allen <anita@sillengineering.com>
Sent: Tuesday, March 20, 2018 12:59 PM
To: Williams, Jeffrey
Cc: Paul Sill
Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

Yes. Reapproving the originally approved BAT will work.
Thank you!
Anita

From: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Sent: Tuesday, March 20, 2018 12:26 PM
To: Anita Allen <anita@sillengineering.com>
Cc: Paul Sill <paul@sillengineering.com>
Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

In an effort to get this thing approved right away, we could just reapprove the original BAT plan from January 2017. That had the BAT and pump tank about 70' from the springhead. Is that still an acceptable tank location. I know the house location/shape changed a bit, but will the septic design work out with that original tank location? If so, it would save everyone a resubmittal. Let me know and if so we can approve the building permit today. Thanks
Jeff

From: Williams, Jeffrey
Sent: Monday, March 19, 2018 11:42 AM
To: 'Anita Allen'
Cc: Paul Sill
Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

There is no fee. We will need a copy of the new proposed tank location on the revised plan as part of the variance request.

From: Anita Allen [<mailto:anita@sillengineering.com>]
Sent: Thursday, March 15, 2018 1:34 PM
To: Williams, Jeffrey
Cc: Paul Sill
Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

Good Afternoon Jeff,
I've looked into raising the house for the Kurichh property to get the pump tank under three (3) feet in the ground. The site's grades will not allow for the change. I've attached a markup of the plan that shows the new house grades (spot shots) raised. I've moved the bio-retention facility closer to the rear to gain some room for the change in grades. Even with moving the bio there is not enough room to accommodate raising the house. The main factors include the pool and tennis court. The tennis court is to have only 10" of drop from one end to the other before perceptions problems occur. With the raised house the top of wall height at the rear corner of the tennis court will have to be 458.6' making the bottom of the wall 455.7'. There is not room to tie the grades in and accomplish this. The wall cannot be any taller in this area because it would be considered a structure and is not allowed within the BRL. Similarly there is not room to add the additional grade in the rear at the area of the pool.

I've drafted a more detailed explanation of why the variance is necessary and will forward that to you along with the signed copy of the variance application.

Is there a fee associated with the variance application?

Thank you,

Anita

From: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Sent: Wednesday, March 7, 2018 10:56 AM
To: Anita Allen <anita@sillengineering.com>
Cc: Paul Sill <paul@sillengineering.com>
Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

I don't see an alternate location that easily works. What I can suggest is either raising the house elevation to get the pump tank at 3' or if that is not possible, we would be in support of a variance request to allow the tanks to be less than 100' from the springhead and moving them just far enough down the hill to get to 3'. If you go that route, you can submit the attached variance form to me and I can forward it along to MDE.

From: Anita Allen [<mailto:anita@sillengineering.com>]
Sent: Thursday, March 01, 2018 9:02 AM
To: Williams, Jeffrey
Cc: Paul Sill
Subject: FW: 12942 Brighton Dam Road_BAT-LPD plan comments

Good Morning Jeff,
Thank you for looking into this.

The sewer is already designed as hung. I can raise the sewer to 0.62', and that would put the deepest part of the tank at 4.38'. There is a swale that is causing some restriction. Please see the PDF attached. I sent you a follow up email stating that I was able to locate a traffic bearing 1,500 tank. If I raise the tank the 0.62', would you find that acceptable?

Is there an alternative location that you would suggest? As you stated I have to find a location that fits within the setbacks and I am finding that difficult with the unique characteristics of this site. Perhaps it would be better if we sat down together to find a location or that will work best.

Thank you,
Anita

Anita E. Allen
Sill Engineering Group, LLC
11130 Dovedale Court, Suite 200
Marriottsville, MD 21104
Office: 443-325-5076
Fax: 410-696-2022
Cell: 443-897-3046
Website: www.sillengineering.com

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Monday, February 26, 2018 3:42 PM
To: Anita Allen <anita@sillengineering.com>

Cc: Paul Sill <paul@sillengineering.com>

Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

Hi. I reviewed the plan and we should not be putting pump tanks deep in the ground in the first place. Those need to be shallower to provide for access to the components for maintenance and repair. You'll need to either find a way to relocate the tanks while still meeting setbacks or it looks like they could stay where they are if you hang the sewer.

Thanks

Jeff

From: Anita Allen [<mailto:anita@sillengineering.com>]

Sent: Thursday, February 22, 2018 10:39 AM

To: Williams, Jeffrey

Cc: Paul Sill

Subject: FW: 12942 Brighton Dam Road_BAT-LPD plan comments

Good morning Jeff,

I hope you are doing well.

I sent the email below to Robert and did get notification that he is out for some time. I hope he is well.

For kurichh property we have redesigned the approved BAT, as a result we require a 1,500 gallon traffic bearing pump tank.

I've contacted local distributors, Mayer Brothers, Backriver precast and am in communications with Babylon Vault. So far I have not been able to find a single compartment traffic bearing 1,500 gallon tank.

I wanted to reach out to you and see if you knew of any companies that offer the product.

Alternatively I've found a 1,500 gallon two compartment and most companies offer a 1,600 gallon two compartment traffic bearing tank if that would be acceptable.

I've attached the plan that was previously sent for review along with Robert's comments as a quick reference.

Thank you,

Anita

Anita E. Allen

Sill Engineering Group, LLC

11130 Dovedale Court, Suite 200

Marriottsville, MD 21104

Office: 443-325-5076

Fax: 410-696-2022

Cell: 443-897-3046

Website: www.sillengineering.com

From: Anita Allen

Sent: Thursday, February 22, 2018 9:13 AM

To: 'Bricker, Robert' <RBricker@howardcountymd.gov>

Cc: Paul Sill <paul@sillengineering.com>; Williams, Jeffrey <jewilliams@howardcountymd.gov>

Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

Good Morning Robert,

Do you know if a company/ distributor that offer's a single compartment 1,500 gallon pump tank as traffic/load bearing?
I've only been able to find two compartment tanks that small as traffic bearing.

Thank you,
Anita

From: Bricker, Robert [<mailto:RBricker@howardcountymd.gov>]
Sent: Friday, February 16, 2018 4:19 PM
To: Anita Allen <anita@sillengineering.com>
Cc: Paul Sill <paul@sillengineering.com>; Williams, Jeffrey <jewilliams@howardcountymd.gov>
Subject: 12942 Brighton Dam Road_BAT-LPD plan comments

See attached PDF

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

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Bricker, Robert

From: Anita Allen <anita@sillengineering.com>
Sent: Thursday, December 28, 2017 2:34 PM
To: Bricker, Robert
Cc: Paul Sill
Subject: RE: Kurrichh Property BAT Site Plan

Good Afternoon Robert,

I've looked at the possibility to set the tanks in the graded area downhill from the driveway. This would require the tank to have over 5' of cover. We cannot deviate from the grades drastically since this area is designed for non-rooftop disconnect storm water management credit. The rear yard is covered by proposed improvements and the side yard is too close to steep slopes to fit the tanks in. At the closest point the proposed pump tank is located 71.9' away from the springhead.

I believe that the current location is the best placement for the tanks on this unique site.

For this reason we would like to ask for a waiver to the requirement as allowable in section 3.803.

I've checked the code and under Section 3.808 this requirement is not listed. Can you point me in the right direction on where to find the requirement?

Thanks,

Anita

Anita E. Allen
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11130 Dovedale Court, Suite 200
Marriottsville, MD 21104
Office: 443-325-5076
Fax: 410-696-2022
Cell: 443-897-3046
Website: www.sillengineering.com

From: Bricker, Robert [mailto:RBricker@howardcountymd.gov]
Sent: Tuesday, December 5, 2017 4:17 PM
To: Anita Allen <anita@sillengineering.com>
Cc: Paul Sill <paul@sillengineering.com>
Subject: Kurrichh Property BAT Site Plan

Good afternoon Anita.

In reviewing the revisions for the Kurichh Property, I found an error that I missed.

The BAT unit and the Pump Tank were proposed within 100 feet of the springhead. As the springhead where surface water begins, the setback is 100 feet to onsite sewage disposal systems (as observed for the SDA boundary).

There appears to be a possibility to set the tanks in the graded area downhill from the driveway. Other relevant setbacks are 25 feet to SWM dry wells, and 25 feet to slopes greater than 25 percent. If there is more than 3 feet of earth cover, the BAT unit's tank and the pump tank will have to be made as traffic bearing and a waiver will have to be applied. The tanks cannot have more than 5 feet of earth cover.

A revision of the BAT Site Plan is required. Please include any revisions for SWM or sediment control facilities that may result from generation of an ECP.

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

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Bricker, Robert

From: Bricker, Robert
Sent: Tuesday, December 05, 2017 4:17 PM
To: Anita (anita@sillengineering.com)
Cc: paul@sillengineering.com
Subject: Kurrichh Property BAT Site Plan

Good afternoon Anita.

In reviewing the revisions for the Kurichh Property, I found an error that I missed.

The BAT unit and the Pump Tank were proposed within 100 feet of the springhead. As the springhead where surface water begins, the setback is 100 feet to onsite sewage disposal systems (as observed for the SDA boundary).

There appears to be a possibility to set the tanks in the graded area downhill from the driveway. Other relevant setbacks are 25 feet to SWM dry wells, and 25 feet to slopes greater than 25 percent. If there is more than 3 feet of earth cover, the BAT unit's tank and the pump tank will have to be made as traffic bearing and a waiver will have to be applied. The tanks cannot have more than 5 feet of earth cover.

A revision of the BAT Site Plan is required. Please include any revisions for SWM or sediment control facilities that may result from generation of an ECP.

ROBERT BRICKER, REHS/R.S., L.E.H.S.
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Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

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

Date: February 16, 2018
To: Anita Allen, Sill Engineering Group, LLC
anita@sillengineering.com
From: Robert Bricker, REHS/R.S., L.E.H.S.
Environmental Health Specialist
RE: 12942 Brighton Dam Road, BAT Plan comment

A revision of the BAT Plan is needed. After editing, please check for consistency among the content of the 'report' and on the plan sheets. Edit content accordingly.

1. The pump tank has 5 feet of soil cover which requires that the tank be designed as traffic-bearing or load-bearing. Propose only a tank approved by the manufacturer as a 'load-bearing' tank. (The tank proposed does not have a 'load-bearing' design.)
2. The lateral design is not appropriate. (I missed this on my last review.) Using ¼-inch orifice diameter requires that the distal head be 3 feet. This was not accounted for and the resulting calculated discharge rate was incorrect. Also, the orifice spacing for laterals 1 and 3 is too wide. Correcting the issues:
 - a. For Trench 'I1', use orifice spacing of 5 feet, and 8 orifices for a lateral discharge rate of 13.04 gpm.
 - b. For Trench 'I2', use 5/16" orifice diameter which at 3.7 feet of head has discharge rate of 2.21 gpm. Spacing 6 orifices at 6.67 feet gives a lateral discharge rate of 13.26 gpm
 - c. For Trench 'I3', use orifice spacing of 5 feet, and 8 orifices for a lateral discharge rate of 13.04 gpm.
 - d. For Trench 'I4', use 5/16" orifice diameter which at 5.0 feet of head has discharge rate of 2.57 gpm. Spacing 5 orifices at 8.0 feet gives a lateral discharge rate of 12.85 gpm
3. In the Pump Chamber design, allow for a little more discharge per dose by moving the PUMP ON elevation to 451.23. The resulting elevation for the High Water Alarm will be 451.73.
4. On the Plan View, edit the label for the graded contour '462' which currently is mis-labeled as "460".
5. Trench spacings are incorrect in Plan View.
 - a. There needs to be 10 feet of spacing between trenches all trenches in the Initial System, and between 'I4' and 'R1'
 - b. Provide 11 feet of spacing between trenches 'R1' and 'R2', and between 'R2' and 'R3', and between 'R3' and the 2nd Replacement System trenches.
 - c. Provide 10 feet of spacing between the 2nd Replacement System trenches.

Re-submit at least three copies directly to the attention of Jeff Williams at the Bureau of Environmental Health. You may call, or 'Reply to All' by email, if you have questions or wish to discuss these issues.

Copy: file

Anita

From: Bricker, Robert [<mailto:RBricker@howardcountymd.gov>]
Sent: Friday, February 16, 2018 4:19 PM
To: Anita Allen <anita@sillengineering.com>
Cc: Paul Sill <paul@sillengineering.com>; Williams, Jeffrey <jewilliams@howardcountymd.gov>
Subject: 12942 Brighton Dam Road_BAT-LPD plan comments

See attached PDF

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

Hi. I reviewed the plan and we should not be putting pump tanks deep in the ground in the first place. Those need to be shallower to provide for access to the components for maintenance and repair. You'll need to either find a way to relocate the tanks while still meeting setbacks or it looks like they could stay where they are if you hang the sewer.
Thanks
Jeff

From: Anita Allen [mailto:anita@sillengineering.com]
Sent: Thursday, February 22, 2018 10:39 AM
To: Williams, Jeffrey
Cc: Paul Sill
Subject: FW: 12942 Brighton Dam Road_BAT-LPD plan comments

Good morning Jeff,
I hope you are doing well.
I sent the email below to Robert and did get notification that he is out for some time. I hope he is well.

For kurichh property we have redesigned the approved BAT, as a result we require a 1,500 gallon traffic bearing pump tank.
I've contacted local distributors, Mayer Brothers, Backriver precast and am in communications with Babylon Vault. So far I have not been able to find a single compartment traffic bearing 1,500 gallon tank.

I wanted to reach out to you and see if you knew of any companies that offer the product.

Alternatively I've found a 1,500 gallon two compartment and most companies offer a 1,600 gallon two compartment traffic bearing tank if that would be acceptable.

I've attached the plan that was previously sent for review along with Robert's comments as a quick reference.

Thank you,
Anita

Anita E. Allen
Sill Engineering Group, LLC
11130 Dovedale Court, Suite 200
Marriottsville, MD 21104
Office: 443-325-5076
Fax: 410-696-2022
Cell: 443-897-3046
Website: www.sillengineering.com

From: Anita Allen
Sent: Thursday, February 22, 2018 9:13 AM
To: 'Bricker, Robert' <RBricker@howardcountymd.gov>
Cc: Paul Sill <paul@sillengineering.com>; Williams, Jeffrey <jewilliams@howardcountymd.gov>
Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

Good Morning Robert,
Do you know if a company/ distributor that offer's a single compartment 1,500 gallon pump tank as traffic/load bearing?
I've only been able to find two compartment tanks that small as traffic bearing.
Thank you,

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Wednesday, March 07, 2018 10:56 AM
To: 'Anita Allen'
Cc: Paul Sill
Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments
Attachments: Variance application-interactive.pdf

I don't see an alternate location that easily works. What I can suggest is either raising the house elevation to get the pump tank at 3' or if that is not possible, we would be in support of a variance request to allow the tanks to be less than 100' from the springhead and moving them just far enough down the hill to get to 3'. If you go that route, you can submit the attached variance form to me and I can forward it along to MDE.

From: Anita Allen [mailto:anita@sillengineering.com]
Sent: Thursday, March 01, 2018 9:02 AM
To: Williams, Jeffrey
Cc: Paul Sill
Subject: FW: 12942 Brighton Dam Road_BAT-LPD plan comments

Good Morning Jeff,

Thank you for looking into this.

The sewer is already designed as hung. I can raise the sewer to 0.62', and that would put the deepest part of the tank at 4.38'. There is a swale that is causing some restriction. Please see the PDF attached. I sent you a follow up email stating that I was able to locate a traffic bearing 1,500 tank. If I raise the tank the 0.62', would you find that acceptable?

Is there an alternative location that you would suggest? As you stated I have to find a location that fits within the setbacks and I am finding that difficult with the unique characteristics of this site. Perhaps it would be better if we sat down together to find a location or that will work best.

Thank you,
Anita

Anita E. Allen
Sill Engineering Group, LLC
11130 Dovedale Court, Suite 200
Marriottsville, MD 21104
Office: 443-325-5076
Fax: 410-696-2022
Cell: 443-897-3046
Website: www.sillengineering.com

From: Williams, Jeffrey [mailto:jewilliams@howardcountymd.gov]
Sent: Monday, February 26, 2018 3:42 PM
To: Anita Allen <anita@sillengineering.com>
Cc: Paul Sill <paul@sillengineering.com>
Subject: RE: 12942 Brighton Dam Road_BAT-LPD plan comments

July 11, 2014

Mr. Jeffrey Williams
Supervisor, Well & Septic Program
Maryland Department of the Environment
Bureau of Environmental Health
Howard County Health Department
8930 Stanford Blvd.
Columbia, MD 21045

Re: Variance Report
Kurichh Property
Brighton Dam Road [12942 Brighton Dam Road, Clarksville, MD 21029]

Dear Mr. Williams:

I request a variance for my property on Brighton Dam Road. The request is to allow my property's well location downgrade from the neighbor's septic system and downgrade from the septic system on my property. This request is being made due to the terrain, the location of adjoining wells and septic systems, perc testing results on my property and the desired house siting on my property.

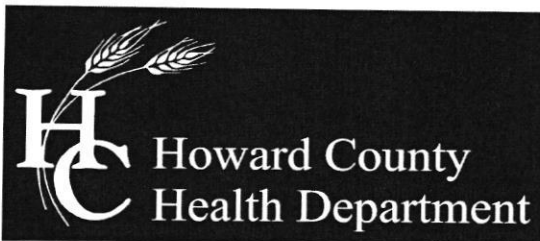
This request is made at the same time my Percolation Certification Plat (prepared by Shanaberger & Lane) has been resubmitted. Mr. Robert Bricker did the perc test inspection and plan review.

Thank you for your assistance in this matter. Please feel free to give me a call at 301.524.4148 should you require any additional information.

Sincerely,



Rajeev Kurichh
26 Blackburn Court
Burtonsville, MD 20866
301.524.4148
301.474.6358 Fax
RKurichh.mdllc@gmail.com



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

November 20, 2014

Rajeev Kurichh
26 Blackburn Court
Burtonsville, Maryland 20866

RE: Variance request
Kurichh Property
Tax Map 34 Parcel 269
Howard County, Maryland

Dear Mr. Kurichh,

The Health Department submitted a variance request on your behalf and in relation to a development proposal for the subject property on Brighton Dam Road (Howard County Tax Map 34, Parcel 269). The septic system on the subject property is planned to be upgradient of the planned well location on the subject property.


Consideration of the soil conditions and percolation test results, assumed groundwater flow patterns, landscape position, and documentation of water quality at the primary well location were some of the factors used in making our recommendation for approval.

The Maryland Department of the Environment (MDE) has accepted our recommendation to approve the variance request subject to the specific conditions that are described below. The pending approval will allow for designating a sewage disposal area for the subject property.

The variance is approvable subject to the following conditions:

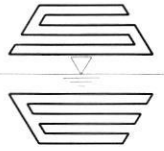
1. The well to be installed on Parcel 269 must have steel casing that extends to 50 feet depth, or ten feet into competent bedrock, whichever is deeper.
2. All distribution systems installed in the sewage disposal area approved on this plan will have low-pressure distribution design or equivalent.

If you have any questions regarding this letter, you may contact me at the above address or by calling (410) 313-1771.



Jeffrey Williams, L.E.H.S.
Program Supervisor
Well and Septic Program

COPY: Steven Krieg, Maryland Department of the Environment



3300 North Ridge Road, Suite 160
Ellicott City, MD 21043
Website: www.sillengineering.com

Office: 443-325-7682
Fax: 443-325-7685
Email: info@sillengineering.com
Civil Engineering for Land Development

SILL ENGINEERING GROUP, LLC

Kurichh Property

12942 Brighton Dam Road

BAT Plan Low Pressure Dosing System Report

January 10, 2017

ek' reb 1/17/2017

Prepared For:

MR. RAJEEV KURICHH
26 BLACKBURN CT.
BURTONSVILLE, MARYLAND 20866
(301) 524-4148



Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 32025, Expiration Date: June 20, 2017

Project #15-006

Health Dept

copy

Kurichh Property
12942 Brighton Dam Road
January 10, 2017

Pressure Network Design

- Design Flow: 750 gpd
- The absorption beds in the Initial System are each 40' long and the distribution network is an End Feed Network.
- For Perforation Size, Number, and Spacing see Pressure Distribution table.
- Diameter of lateral = 1.5"
- Spacing between laterals = 13'
- Number of laterals = 4
- Diameter of force main = 2.0"
- Diameter of manifold = 2.0"
- Material: Schedule 40 PVC

Septic System Trench Design Specifications

Initial System:

- Application Rate: 0.8
- Effective Area Beginning Depth: 4'
- Bottom Maximum Depth: 7'
- Design Flow:
 - 5 Bedrooms at 150 gpd
 - $5 \times 150 \text{ gpd} = 750 \text{ gpd}$
- Square Footage of Drain Field Required:
 - Design Flow (750 gpd) / Application Rate (0.8) = 937.5 sf
- Sidewall Reduction Credit:
 - Trench Width (W) = 3'
 - Trench Effective Depth (D) = 3'
 - $(W+2) / (W+1+2D) \times 100 = 0.500\%$
- Linear Length of Trench Required:
 - Drain field Square Footage (937.5) x Sidewall Reduction Credit (0.5%) / Trench Width (3') = 156.25' use 160
- Linear Length of Trench Provided = 160
 - Four trenches @ 40 LF

Pumping System Design

- Dose Calculations:
 - Design Flow: 750 gpd
 - Length of force main and manifold
 - 2.0" force main = 82.15'
 - 2.0" manifold = 5'
 - 2.0" zone manifolds = 2'+4'=6'
 - 2.0" leader to Zone 2 manifold = 38.20'
 - 1.5" leaders to Laterals = 21.24 + 21.44 = 42.68'
 - Volume of force main:
 - $82.15 \times 17.4 \text{ gallons per } 100' = 14.3 \text{ gallons}$
 - Volume of manifolds:
 - $5 + 6 = 11 \times 17.4 \text{ gallons per } 100' = 5.7 \text{ gallons}$

'OK' RB 1/17/2017

Kurichh Property
 12942 Brighton Dam Road
 January 10, 2017

'OK' rcb 1/17/2017

- Volume of 2.0" leader to Zone 2 manifold:
 - 38.20×17.4 gallons per 100' = 6.6 gallons
 - Volume of 1.5" leaders to laterals:
 - 42.68×10.6 gallons per 100' = 4.5 gallons
 - Length of 1.5" laterals:
 - $36 + 36.67 + 36 + 36 = 144.67'$
 - Volume of laterals:
 - $144.67' \times 10.6$ gallons per 100' = 15.34 use 15.3 gallons
 - Minimum dose is the greater of:
 - Volume of force main, manifolds and leaders + (5 x Volume of the laterals):
 - $14.3 + 5.7 + 6.6 + 4.5 + (5 \times 15.3 \text{ gallons}) = 107.7$ gallons
- Or
- 1/6th the design flow:
 - $1/6 \times 750$ gallons = 125.0 gallons Use 125 gallons for dose

- Pump Design:
 - Pump flow required: 33 gpm (see Pressure Distribution table for initial system)
 - Dose amount: 125 gallons
 - Pump run time: 3.8 minutes
 - Static head (see profile for detail): 7.9'
 - Friction head calculation (Table 4.3):

Pipe size	2.0" Force Main	2" FM Manifold	2" Zone Manifolds	2.0" leader To Zone 2 Manifold	1.5" leaders To Laterals
1/4 Bend (90°)	1 @ 7.0' = 7.0'	-	-	1 @ 7.0' = 7.0'	6 @ 5 = 30'
1/8 Bend (45°)	2 @ 4.0' = 8.0'	-	-	1 @ 4.0' = 4.0'	-
1/16 Bend (22.5°)	2 @ 2.0' = 4.0'	-	-	1 @ 2.0' = 2.0'	-
1/32 Bend (11.25°)	-	-	-	1 @ 1.0' = 1.0'	1 @ 0.6' = 0.6'
Gate Valve	-	2 @ 1.3' = 2.6'	-	-	-
Standard Tee	-	1 @ 12' = 12'	2 @ 12' = 24'	-	-
Run Tee	-	-	-	--	-
Cross	-	-	-	-	-
Reducer	-	4 @ 1.3' = 5.2'	2 @ 1.3' = 2.6'	-	-
Couplings	3 @ 2.0' = 6.0'	-	-	1 @ 2.0' = 2.0'	-
Total Equivalent Length of pipe	25.0'	19.8'	26.6'	16.0'	30.6'

Kurichh Property
12942 Brighton Dam Road
January 10, 2017

- Flow at 2.0" pipe = 33 gpm
 - Friction loss per 100' (Table 4.4) of 2.0" schedule 40 plastic pipe: 1.85
 - Total equivalent length of 2.0" FM, manifold and appurtenances =
 $82.15' + 5' + 19.8' = 106.95$
 - Friction loss in 2.0" pipe = $106.95'/100 \times 1.85 = \mathbf{1.98'}$
- Flow at 2.0" pipe to separate zones = 16 gpm
 - Friction loss per 100' (Table 4.4) of 2.0" schedule 40 plastic pipe: 0.50
 - Total equivalent length of 2.0" FM in separate zones, zone manifolds and appurtenances =
 $38.20' + 6 + 26.6' + 16 = 86.8$
 - Friction loss in 2.0" pipe = $86.8/100 \times 0.50 = \mathbf{0.43'}$
- Flow at 1.5" leader pipe to lateral = 9 gpm
 - Friction loss per 100' (Table 4.4) of 1.5" schedule 40 plastic pipe: 0.58
 - Total equivalent length of 2.0" leader pipe and appurtenances =
 $21.24 + 30.6' = 51.84$
 - Friction loss in 2.0" pipe = $51.84/100 \times 0.17 = \mathbf{0.09'}$
- Total Friction head
 $1.98' + 0.43' + 0.09 = \mathbf{2.50'}$

- Total Dynamic Head = Static head + Distal Head + Friction head + Lateral Friction head
 $- 15.82' + 2.0 + 2.5' + 1.5 = 21.82$ use **22.0'**

- Pump Chamber Design:
 - For pump tank dimensions and detail, see plans.
 - Pump chamber elevations:
 - Proposed grade at top of tank (at inlet): 463.00'
 - Top of pump tank: 453.35'
 - Pump chamber invert in: 452.10'
 - High Water Alarm: 449.77'
 - Pump On: 449.27'
 - Pump Off: 448.91'
 - Bottom inside slab of tank: 447.18'
 - Pump Chamber volumes:
 - Invert In to Pump On: 179.2 cf or 1,340.51 gallons
 - Pump On to Pump Off: 13.75 cf or 103 gallons
 - Design based on:
 - Norweco TNTLP500 GPD or equivalent
 - Meyers MW50 series pump or equivalent

'OK' rcb 1/17/2017

Replacement System 1:

- Application Rate: 0.8
- Effective Area Beginning Depth: 3'
- Bottom Maximum Depth: 7'
- Design Flow:
 - 5 Bedrooms at 150 gpd

Kurichh Property
12942 Brighton Dam Road
January 10, 2017

- $5 \times 150 \text{ gpd} = 750 \text{ gpd}$
- Square Footage of Drain field Required:
 - Design Flow (750 gpd) / Application Rate (0.8) = 937.5 sf
- Sidewall Reduction Credit:
 - Trench Width (W) = 3'
 - Trench Effective Depth (D) = 4'
 - $(W+2) / (W+1+2D) \times 100 = 0.417\%$
- Linear Length of Trench Required:
 - Drain field Square Footage (937.5) x Sidewall Reduction Credit (0.417%) / Trench Width (3') = 130.31'
- Linear Length of Trench Provided = 132
 - Three trenches @ 44 LF

Replacement System 2:

- Application Rate: 0.8
- Effective Area Beginning Depth: 2'
- Bottom Maximum Depth: 4'
- Design Flow:
 - 5 Bedrooms at 150 gpd
 - $5 \times 150 \text{ gpd} = 750 \text{ gpd}$
- Square Footage of Drain field Required:
 - Design Flow (750 gpd) / Application Rate (0.8) = 937.5 sf
- Sidewall Reduction Credit:
 - Trench Width (W) = 3'
 - Trench Effective Depth (D) = 2'
 - $(W+2) / (W+1+2D) \times 100 = 0.625\%$
- Linear Length of Trench Required:
 - Drain field Square Footage (937.5) x Sidewall Reduction Credit (0.625%) / Trench Width (3') = 195.31'
- Linear Length of Trench Provided = 196
 - Four trenches @ 49 LF

'OK' reB 1/17/2017

PRESSURE DISTRIBUTION ON SLOPING SITES

Kurrich Property - Pressure System

Trench No.	Ex. Grd Elev. (ft)	Invert Elev. (ft)	Trench Bottom Elev. (ft)	Lateral Length (ft)	Head (ft)	Orifice Diameter (in)	Orifice Flow Rate (gpm)	Orifice Spacing (ft)	Number of Orifices	Trench Flow Rate (gpm)	
I1	467.0	463.0	460.0	36	2.0	5/16	1.63	8.0	5	8.15	ZONE 1
I2	465.3	461.3	458.3	36.67	3.7	1/4	1.42	6.7	6	8.52	
I3	463.0	459.0	456.0	36	2.0	5/16	1.63	8.0	5	8.15	ZONE 2
I4	460.0	456.0	453.0	36	5.0	1/4	1.65	8.0	5	8.25	

144.67

33.07

TOTAL

Trenches I1-I4

Effective area beginning depth =

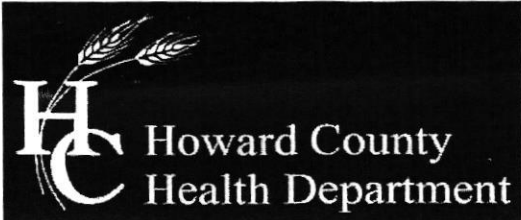
4

Trench depth =

3

USE 33

'OK' rcb 4/17/2017



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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TDD 410-313-2323 | Toll Free 1-866-313-6300

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Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

copy

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

OPERATION AND MAINTENANCE AGREEMENT FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM HAVING AN ADVANCED PRE-TREATMENT SYSTEM

THIS AGREEMENT is made this 26th day of MAY 2020, among RAJEEV & ANUJA KURICHI, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 12942 BRIGHTON DAM RD, CLARKSVILLE, MD in the 05 Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 0034, Block # , Parcel # 0269, Deed Reference # 15560/00334 and Tax Account # 363438 ("the Property").

WHEREAS, The Property is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013. The pre-treatment device being installed is BAT.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County.
B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.

E. This agreement shall run with the land and upon Owner's taking title to the Property shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Property that the system shall require maintenance or other attention. Upon taking title to the Property, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Bert Nye 5/26/2020
Howard County Health Department

Rajeev Kurichu 5-15-20
Owner #1 Signature Date

RAJEEV KURICHU
Owner #1 Print Name

Anuja Kurichu 5/15/20
Owner#2 Signature Date

ANUJA KURICHU
Owner #2 Print Name

Buyer #1 Signature Date

Buyer #2 Signature Date

Buyer #1 Print Name

Buyer #2 Print Name

Informed
Contractor of
DisM Agreement,
Give form to
Contractor with
Septic Permit 1/15

Needs to bring
it back for
our records.

