



HOWARD COUNTY HEALTH DEPARTMENT

65538

DATE 6/18/19

P5 AS

Received From

South Carroll

PHONE #

410-875-4197

For

Septic Permits, (2) 13809

Wells Creek, 13870 N100

Creek, Paper Parc - 123, NH

(no Howard are included) - 11 cent
two Dollars

CASH

CHECK

NO.

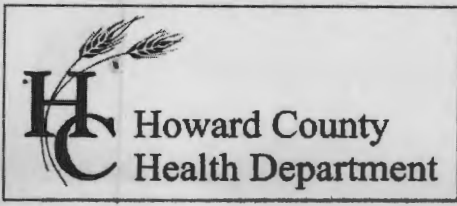
545 93

\$

1122.00

Received By

J King



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: 6/28/19 **ONSITE SEWAGE DISPOSAL SYSTEM** P 565538

APPROVAL DATE: 7/17/19 *KW* **PERMIT:** **REPAIR** A _____

PROPERTY ADDRESS: 12123 Mount Albert Road

SUBDIVISION: _____ LOT: _____ TAX ID: _____

CONTRACTOR: South Carroll Backhoe EMAIL: scbackhoe@comcast.net

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-596-3618

PROPERTY OWNER: John and Sue Shebel EMAIL: _____

OWNER ADDRESS: 12123 Mount Albert Road, Ellicott City, MD 21042 PHONE: _____

SEPTIC TANK SIZE (GALLONS): Ex. PUMP CHAMBER CAPACITY (GALLONS): 1250 PUMP SIZE: 1/2 HP or Equivalent

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. _____ APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>143</u>	INLET DEPTH: <u>2'</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>5.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5'</u>

LOCATION: **TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.**

NOTES: Install 3x48' trenches in upper part of SDA. Set pump tank noper area after ex. septic tank

ISSUED BY: K. Wolf ISSUE DATE: 7/12/19 EXPIRATION DATE: 7/12/20

- 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
 ELECTRICAL PERMIT ISSUED E 19603440
- 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.

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3	2'	3.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		143'
ABSORPTION AREA		143 x 2 + 54
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BATTLE		90° bend
DISTRIBUTION BOX PORT		Yes

See attached sheet for AS-Bulk

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Existing
 MANUFACTURER -
 CAPACITY ? 1250 GAL
 SEAM LOC mid
 TANK LID DEPTH 3'
 BAFFLES Yes
 BAFFLE FILTER -
 MANHOLE LOC Rear
 6" PORT LOC Front
 WATERTIGHT TEST OK
 SLOTTED no
 DATE ON LID N/A

PUMP/SEPTIC TANK LEVEL Yes
 MANUFACTURER Babylon
 CAPACITY 1250 GAL
 SEAM LOC Top
 TANK LID DEPTH 3'
 BAFFLES Front
 BAFFLE FILTER no
 MANHOLE LOC Rear
 6" PORT LOC none
 WATERTIGHT TEST -
 SLOTTED no
 DATE ON LID N/A

ROAD NAME

PRE-CONSTRUCTION:

7/12/19 onsite. Owner's debated on digging perc tests near existing system. Triangulated existing perc tests that failed. Decided to work in area approved on P.C. SDA staked by surveyor. Shot contours. tops off quite a bit from approved P.C. Adjusted trenches as such. Install 3 x 48' trenches w/ beginning of baffles roughly 15' apart. Directional bearing occurring on-site (Kry)

INSTALLATION: 7/12/19 (P.M.) PUMP TANK SET. NEW PVC LINE FROM EX TANK TO PUMP TANK. (P) 7/15/2019 FM FROM TANK TO DIR. BORE UNDER RIVER COMPLETE. UPPER + MID TRENCH COMPLETE. REINSP. FM. AFTER STREAM AND LOWER TRENCH (P) 7/16/19 Trenches complete. Pump/alarm test verified. 1/2 HP Covid's installed. OK to cover all work.

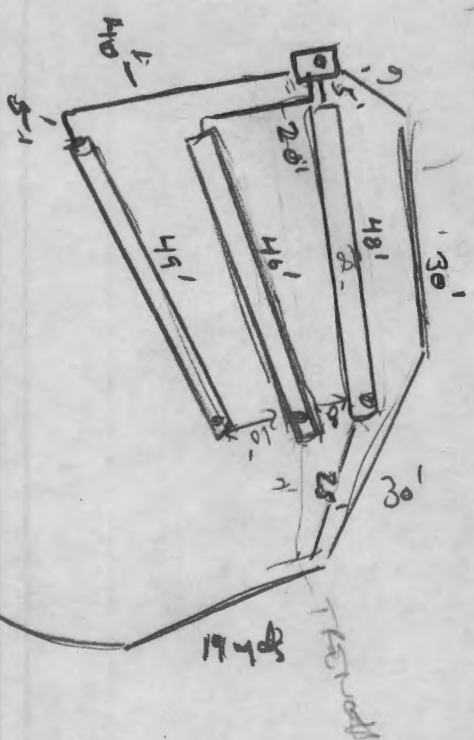
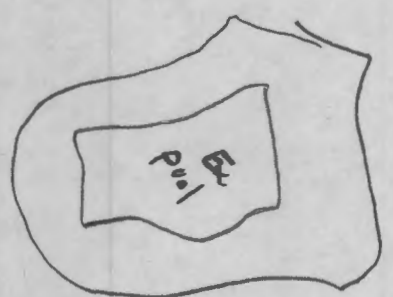
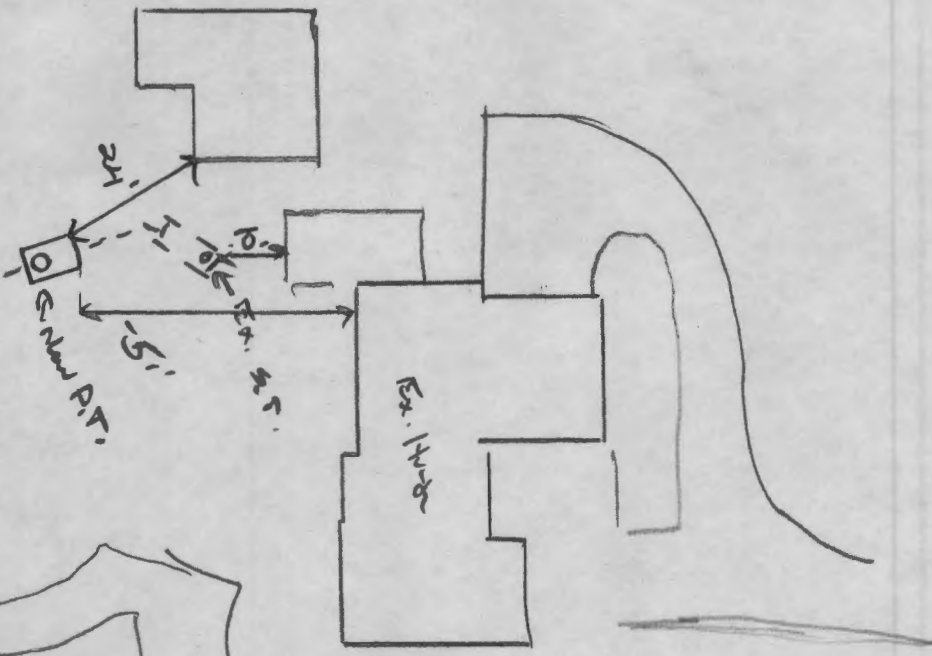
FINAL INSPECTOR

K. Waef

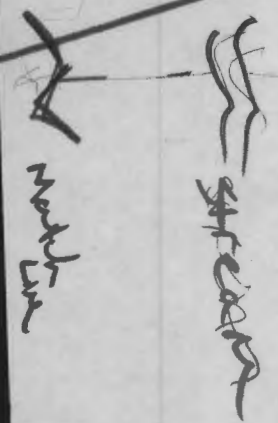
DATE OF APPROVAL

7/17/19

SW corner

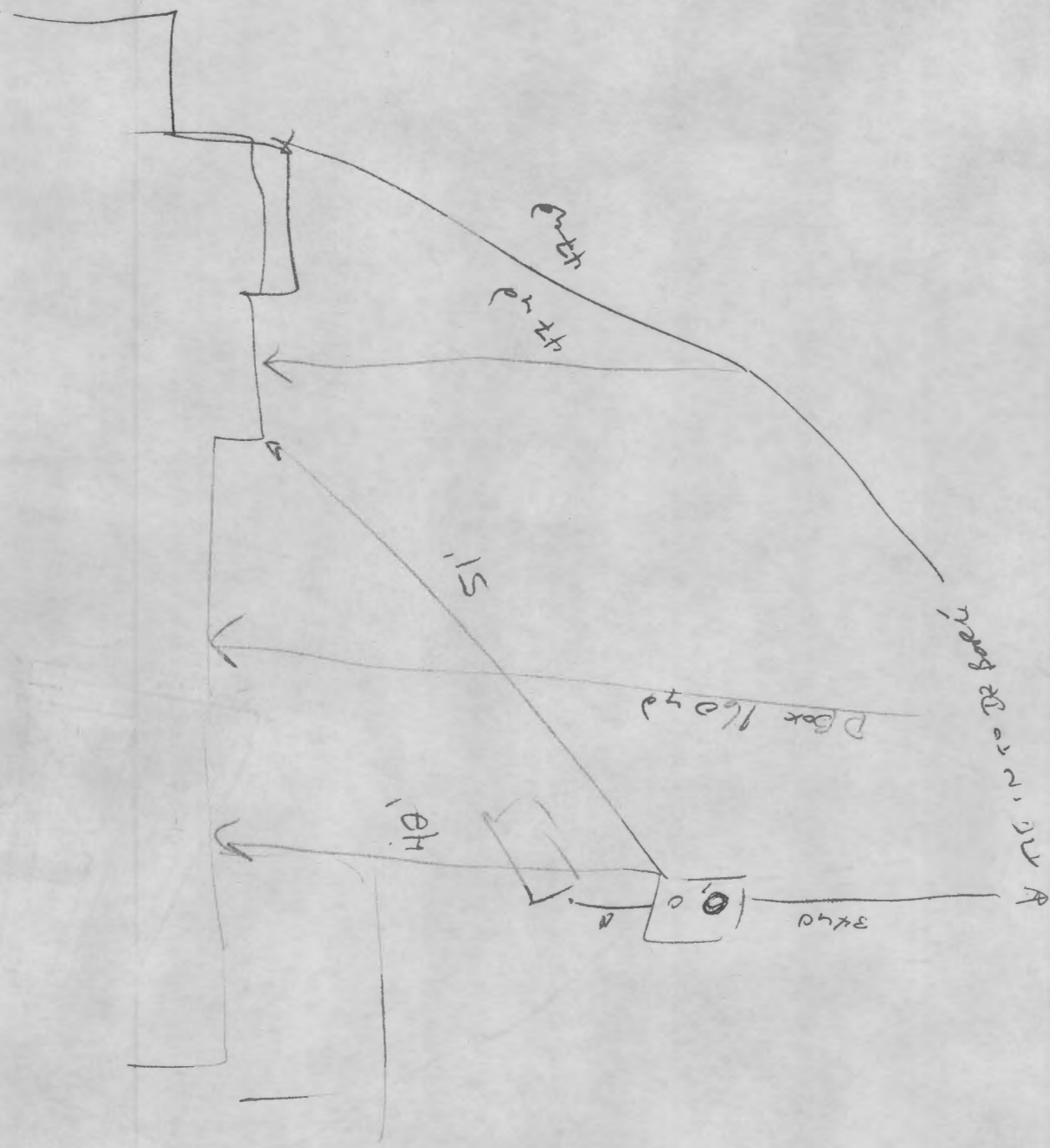


TO 110' 0\"/>



PHASE

STREET





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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 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

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: Hernandez Environmental
- No

Existing system design

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

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

Is discharge surfacing on the ground?

- Yes
- 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: South Carol Backline Contractor's Phone: 410-596-3618
 Contractor's Address: 4410 Salem Bottom Rd West 21157

Property Address: 12123 Mt Albert Rd County file: _____
 Subdivision: Woodmark Lot: _____ Year Built: _____
 Owner's Name: John & Sue Spabel Owner's Phone: _____

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

Has this request been previously discussed with a Sanitarian? (Name): _____
 Public Sewer available/nearby: _____

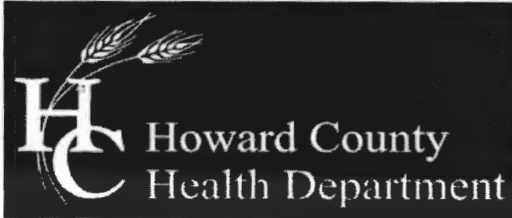
*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

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.



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

565538

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Woodmark

PROPERTY ADDRESS 12123 MT ALBERT RD E. City 21042

TAX ACCOUNT # TAX MAP GRID PARCEL LOT NO. PROPOSED LOT SIZE (ACRES)

ZONING CATEGORY TIER

PROPERTY OWNER(S) John + Sue Shebel

DAYTIME PHONE CELL EMAIL

MAILING ADDRESS 12123 MT ALBERT RD E. City 21042

APPLICANT Sophia Carroll Backhoe RELATIONSHIP TO OWNER:

DAYTIME PHONE 875-4197 CELL 410-396-3418 EMAIL

MAILING ADDRESS 4410 Salem Bottom Rd Westminster 21157

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):

PROPERTY:

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) MAJOR MINOR
CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
REPAIR OR REPLACE FAILING OSDS
UPGRADE EXISTING OSDS

BUILDING:

- RESIDENTIAL WITH EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- YES
NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
THE APPLICATION FEE IS NON-REFUNDABLE
THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

Signature of Applicant

6-28-19

SIGNATURE OF APPLICANT

DATE

Wolf, Kevin

From: Wolf, Kevin
Sent: Friday, June 14, 2019 4:59 PM
To: John & Sue Shebel
Subject: RE: 12123 Mount Albert Rd

Sue,
If you place the new system in the upper south corner of the approved SDA near passing perc test G, the spec's will be:

- 143LF, 2ft wide, inlet 2ft, bottom 5.5ft, 3 x 48ft trenches. Aprox. 500ft of 2inch force main, 1250 gallon pump tank

Thanks,

Kevin M. Wolf, LEHS, REHS/RS
Groundwater Mgmt. Sec. Supervisor
Well & Septic Program
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045
(o) 410-313-2645
(f) 410-313-2648



kwolf@howardcountymd.gov

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From: John & Sue Shebel <shebel@fastmail.net>
Sent: Friday, June 14, 2019 12:59 PM
To: Wolf, Kevin <KWolf@howardcountymd.gov>
Subject: Re: 12123 Mount Albert Rd

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Kevin-

Just checking in to see when you think a design will be available for the current replacement location. Let me know if you need anything from me.

Thanks,
Sue
443-852-4471

On Wed, Jun 12, 2019, at 4:07 PM, Wolf, Kevin wrote:

Sue,
It would be tough to say but as we talked about, the perc testing would need to pass for the 3 holes around the existing perc A.

From: John & Sue Shebel <shebel@fastmail.net>
Sent: Wednesday, June 12, 2019 3:22 PM
To: Wolf, Kevin <KWolf@howardcountymd.gov>
Cc: Ken Hatfield <khatfield@hatfieldsequipment.com>
Subject: Re: 12123 Mount Albert Rd

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Kevin-

Just following up on our call yesterday. I don't think going through the UMD farm is going to be an option since the fields are planted so for the design for the back of the property maybe assume the EZ flow you were discussing. I'll decide whether to do the PERC test at the location behind the garage after getting estimates for the design at the currently designated replacement location. If it passed the PERC test, I'm guessing the area behind the garage would be around 40'x50'. I know there are a lot of variables but do you think that size would be sufficient?

Thanks,
Sue

On Mon, Jun 10, 2019, at 10:09 AM, Wolf, Kevin wrote:

Hi Sue,
I was off Friday so I wasn't able to review your property file. I am looking into this now and will have an answer for you today. Normally when a property has a signed Percolation Certification plan, the replacement area defined is the area for the all future replacement systems. I will let you know what is determined from this.

Thanks,

Kevin M. Wolf, LEHS, REHS/RS
Groundwater Mgmt. Sec. Supervisor
Well & Septic Program
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045
(o) 410-313-2645
(f) 410-313-2648



kwolf@howardcountymd.gov

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-----Original Message-----

From: John & Sue Shebel <shebel@fastmail.net>
Sent: Friday, June 07, 2019 10:38 AM
To: Wolf, Kevin <KWolf@howardcountymd.gov>
Cc: Ken Hatfield <khatfield@hatfieldsequipment.com>
Subject: Re: 12123 Mount Albert Rd

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Kevin-

I also left you a voice mail. I wanted to talk to you about trying to use the area that perced behind our garage rather than having to pump to the back of the property. I'd also like to understand if there could be any options for repairing the existing system. Based on the records, the water level in the dry well was also high in 2005 yet we've never had any issues.

Thank you,

Sue Shebel
443-852-4471

On Fri, Jun 7, 2019, at 8:06 AM, Ken Hatfield wrote:

> Sue ,
> Kevin Wolf is who I talked to at the county.410-313-1771. I Cc him in
> this email .

>
> Ken
>

> -----Original Message-----

> From: John & Sue Shebel [<mailto:shebel@fastmail.net>]
> Sent: Friday, June 07, 2019 7:50 AM
> To: Ken Hatfield

> Subject: Re: 12123 Mount Albert Rd
>
> So it seems like it would be worth trying to put it behind the garage.
> Is there someone I should talk to at the county? Are there
> constraints on the minimum/maximum/number of pipes in the leach field?
> I don't want to waste \$1500 if there are obvious reasons why that spot
> won't work.
>
> Thanks,
> Sue
>
> On Fri, Jun 7, 2019, at 5:55 AM, Ken Hatfield wrote:
>> I am not sure till they give the specifications. I would think it
>> will be three times the amount of regular septic .
>> Ken Hatfield
>> Hatfield's Equipment Inc.
>> PO Box 519
>> Annapolis Junction, MD 20701
>> 301 490 4289 x 101 Office
>> 410 984 0101 Cell
>> 301 490 5794 Fax
>>
>>
>>
>> -----Original Message-----
>> From: John & Sue Shebel [<mailto:shebel@fastmail.net>]
>> Sent: Thursday, June 06, 2019 5:01 PM
>> To: Ken Hatfield
>> Subject: Re: 12123 Mount Albert Rd
>>
>> Can you give me a ball park of how much cheaper it would be to put
>> behind the garage?
>>
>> Sue
>>
>> On Thu, Jun 6, 2019, at 4:30 PM, Ken Hatfield wrote:
>>> Sue ,
>>> They said for us to use that hole we would have to do another
>>> perk test. There was another hole next to the pool that failed.
>>> The water table they say is at its highest point in years . Just tell me what you
>>> want to do. A perk test runs around \$ 1500.00 plus permit .
>>>
>>> Ken Hatfield
>>> Hatfield's Equipment Inc.
>>> PO Box 519
>>> Annapolis Junction, MD 20701
>>> 301 490 4289 x 101 Office
>>> 410 984 0101 Cell
>>> 301 490 5794 Fax
>>>
>>>
>>>

>>> -----Original Message-----
>>> From: Email
>>> Sent: Thursday, June 06, 2019 4:09 PM
>>> To: Ken Hatfield
>>> Subject: FW: 12123 Mount Albert Rd
>>>
>>>
>>>
>>> -----Original Message-----
>>> From: John & Sue Shebel <shebel@fastmail.net>
>>> Sent: Thursday, June 06, 2019 4:04 PM
>>> To: Email <email@hatfieldsequipment.com>
>>> Subject: Re: 12123 Mount Albert Rd
>>>
>>> Just wanted to follow up on my meeting with Ken today. I was
>>> looking at the 2005 perc test and location A behind the garage
>>> passed. I would like to understand why that area can't be used for the new leach
field.
>>> I'm trying to track this down with the county as well.
>>>
>>> Thanks,
>>>
>>> Sue
>>> 443-852-4471
>>>
>>> On Wed, Jun 5, 2019, at 6:12 PM, John & Sue Shebel wrote:
>>>> I've attached the inspector's report indicating failure of the
>>>> absorption system. Please let me know next steps.
>>>>
>>>> Sue
>>>> 443-852-4471
>>>>
>>>> On Wed, Jun 5, 2019, at 10:50 AM, Email wrote:
>>>>> yes
>>>>>
>>>>> -----Original Message-----
>>>>> From: John & Sue Shebel <shebel@fastmail.net>
>>>>> Sent: Wednesday, June 05, 2019 10:39 AM
>>>>> To: Email <email@hatfieldsequipment.com>
>>>>> Subject: Re: 12123 Mount Albert Rd
>>>>>
>>>>>
>>>>>
>>>>> Barabara-
>>>>>
>>>>> Per your voicemail, I do not have the inspector's report yet
>>>>> but my realtor told me the septic field wasn't absorbing the
>>>>> water. Do you need the report before you come out? They did the inspection
yesterday.
>>>>>
>>>>> Thanks,
>>>>> Sue

shebel@fastmail.net