

VICINITY MAP 1" = 6000'

GENERAL NOTES:

- 1) THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.
- 2) SUBJECT PARCEL WAS CREATED IN 1973.
- 3) ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 4) ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100' OF THE PROPERTY BOUNDARIES LOCATED BY VISUAL INSPECTION ONLY.
- 5) ALL EXISTING AND PROPOSED WELLS WITHIN 200' DOWN-GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS LOCATED BY VISUAL INSPECTION ONLY.
- 6) SOIL TYPE BOUNDARY LINES SCALED FROM MAP OBTAINED FROM USDA WEBSITE ARE:
 (a) GgC GAILA LOAM 8 TO 15%
 (b) GgB GLENELG LOAM 3 TO 8%
- 7) THE ELEVATIONS AND 2' CONTOURS SHOWN HEREON ARE DERIVED FROM 2011 HOWARD COUNTY GIS TOPOGRAPHIC SURVEY SITE <https://data.howardcountymd.gov> IN NAVD 1988 DATUM.
- 8) THE ELEVATIONS AND LOCATIONS OF EXISTING WELLS AND VISIBLE SEPTIC STRUCTURES, BUILDINGS OTHER IMPROVEMENTS SHOWN ON THE SUBJECT PROPERTY ARE FROM A FIELD SURVEY BY NTT ASSOCIATES IN MARCH, 2018.

THE PURPOSE OF THIS PLAN IS TO ESTABLISH A PRIVATE SEWAGE EASEMENT.

HOWARD COUNTY, MARYLAND
HEALTH DEPARTMENT

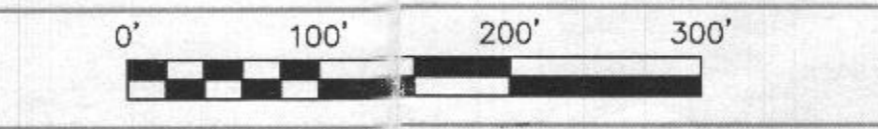
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

HEALTH OFFICER

OWNER

Ann N. Titherington
4364 Linthicum Road
Dayton, Maryland 21036
Phone: 301 785 6466

The purpose of this drawing is to facilitate the testing of percolation test holes on existing property of Ann N. Titherington Parcel two Liber 2865 Folio 686



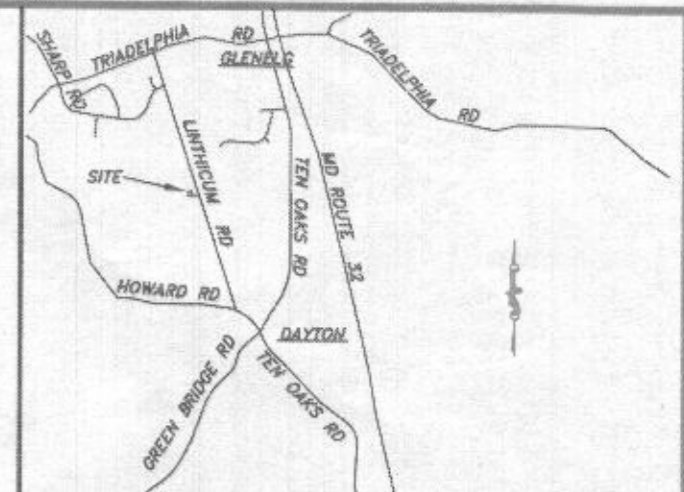
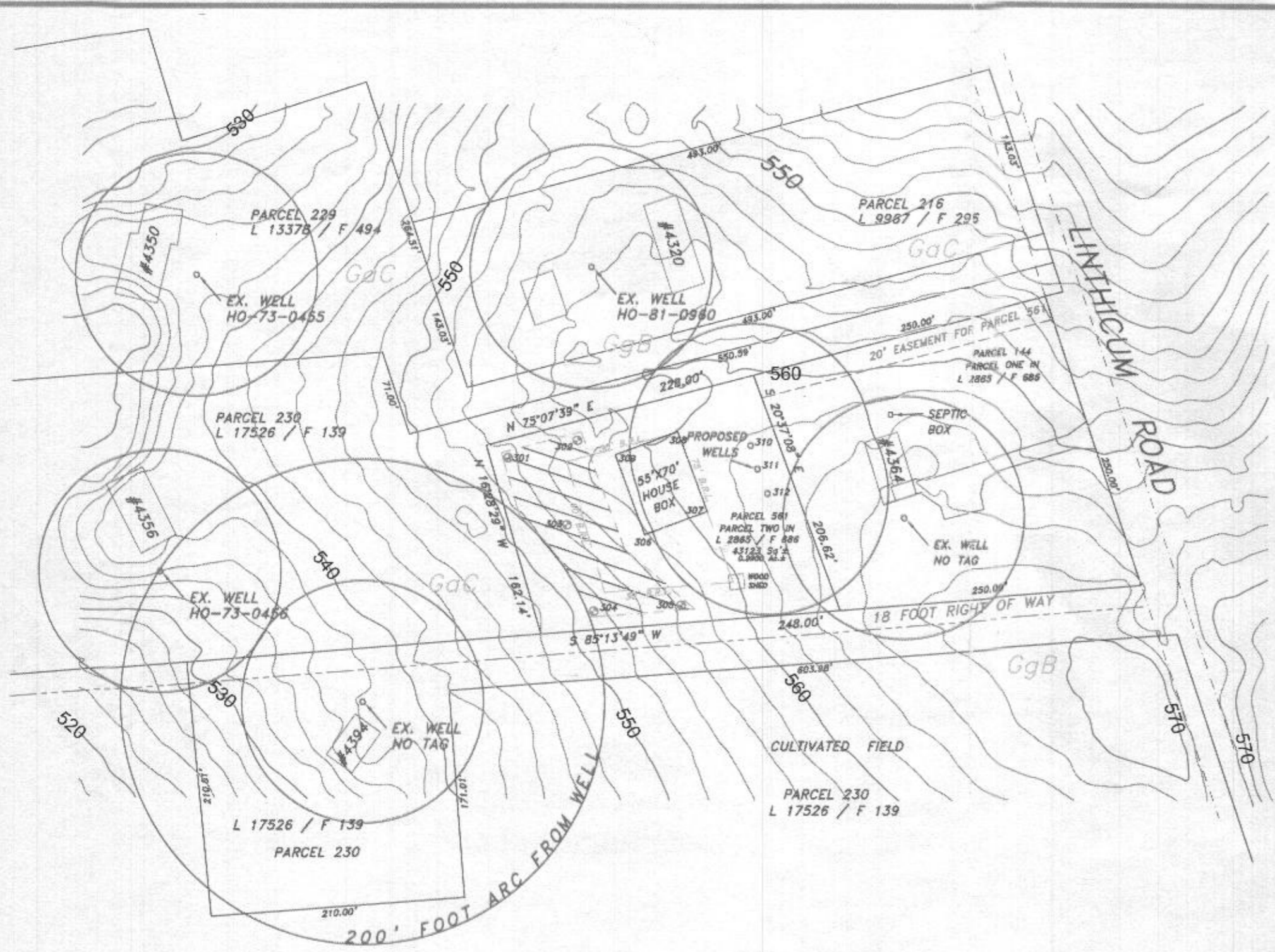
This is to certify that I either personally prepared or was in responsible charge over the preparation of this drawing and the surveying work reflected in it, all set forth in Regulation .12 of Chapter 09.13.06 of the Code of Maryland

Richard Stouffer # 21260
Expiration Date: 6/14/19

PERCOLATION SITE PLAN
PROPERTY OF ANN N. TITHERINGTON
PARCEL TWO LIBER 2865 FOLIO 686
TAX MAP 22, PARCEL 561
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

NTT Associates, Inc.
16205 Old Frederick Rd.
Mt. Airy, Maryland 21771
Phone: (410) 442-2031
Fax: (410) 442-1315
www.nttsurveyors.com

Scale: 1" = 100'
Date: 3/14/18
Field By: TOM
Drawn By: JCH/SCK
File No.: MISC 12557



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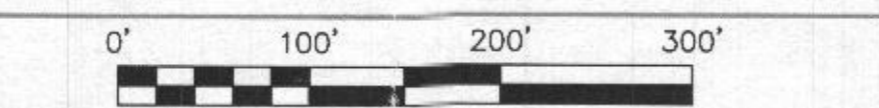
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4364 Linthicum Road
Dayton, Maryland 21036
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PERCOLATION SITE PLAN
PROPERTY OF ANN N. TITHERINGTON
PARCEL TWO LIBER 2865 FOLIO 686
TAX MAP 22, PARCEL 561
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

NTT Associates, Inc.
16205 Old Frederick Rd.
Mt. Airy, Maryland 21771
Phone: (410) 442-2031
Fax: (410) 442-1315
www.nttsurveyors.com

Scale: 1" = 100'
Date: 3/14/18
Field By: TOM
Drawn By: JCH/SCK
File No.: MISC 12557

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, December 27, 2017 11:26 AM
To: 'anntith@gmail.com'
Subject: Perc Test Plan Requirements
Attachments: Engineer & Surveyor List Rev 6-28-02.pdf; Septic Contractors.pdf; Perc Test Plan Comments_Lithicum_12.27.17.pdf

Hello Ms. Titherington and Mr. Dennis:

Attach, please find comments pertaining to the perc test plan for the Linthicum Road property. You will also find a list of engineers, should you wish to hire one to assist you with the plan.

Once this office has a plan meeting the minimum requirements, a perc test date can be established. As the owner, you will be responsible for hiring a septic contractor to excavate the perc test holes with a backhoe capable of digging a 12 foot hole.

Should you have any questions or concerns, please don't hesitate to contact me.

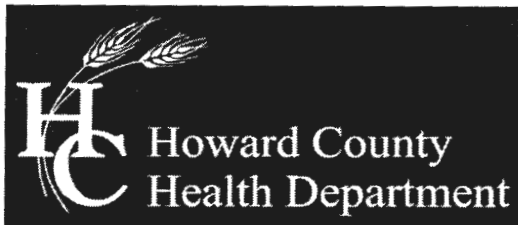
Respectfully,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

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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

December 27, 2017

Ann Titherington & Jon Dennis &
4364 Linthicum Road
Dayton, MD 21036

Sent via email to: anntith@gmail.com

**RE: Percolation Test Plan Comments
Linthicum Road, Dayton
(M. 22, G. 19, P. 561)**

Ann Titherington & Jon Dennis:

The perc test application and plan have been reviewed. At this time, the plan submitted with the perc test application does not meet the minimum requirements. All test plans must be drawn to an appropriate scale (1:30 – 1:100) and show the following:

- Identification of the property, road, street address if applicable, subdivision name, etc.
- Name address and telephone number of the owner, developer, and the person preparing the plan.
- If the lot was created AFTER March 1972 a minimum area of 10,000 sq. ft. is required as designated septic reserve area. For lots created PRIOR to March 1972 a septic reserve area large enough to accommodate 3 systems (an initial and 2 replacements) must be proposed. An adequate number of test locations (may be determined by the approving authority) must be proposed within the septic area (usually a test hole on each corner and one in the middle of the proposed area).
- Topography at two-foot intervals and statement verifying such.
- 3 well sites or 1500 sq. ft. well box
- All existing and any proposed property lines.
- Landscape features such as swales, ponds, streams, etc., slopes greater than 25%, soil type boundaries, etc. (wet season soil will be limited to testing during a designated time of year).
- All existing structures on the property (if necessary label structures to remain or to be removed).
- Location(s) of proposed structure meeting minimum dimensions (55 ft. X 70 ft.). If you cannot fit a house with these dimensions on to the plan while meeting all required setbacks, then a note must be added to the plan stating, House footprint may be limited due to lot restrictions.
- All wells and septic systems within 100' of the property boundaries and all existing or proposed wells less than 200' down-gradient of a septic system and/or septic easement.

Please revise the plan and resubmit. Should you have any questions, please don't hesitate contact me.

Respectfully,

Hank Oswald

Hank Oswald, L.E.H.S
Bureau of Environmental Health
Well & Septic Program

Oswald, Hank

From: ann titherington <anntith@gmail.com>
Sent: Friday, December 29, 2017 8:14 AM
To: Oswald, Hank
Subject: Perc

Hi Hank

I have a plat which says there are metal posts at the boundaries. I am considering renting a metal Detector to locate the posts. Will the plat and identifiable metal posts be sufficient for test ? Please advise Ann Titherington.

Mt. Airy, Maryland 21771
Phone: 410-442-2031
Fax: 410-442-1315
Website: <http://www.nttsurveyors.com>

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Wednesday, May 16, 2018 7:32 AM
To: Rik Stouffer
Cc: anntith@gmail.com; Carl Hudgins
Subject: RE: Tithereington Property_Lithicum Road

Hi Rik:

Good morning. I apologize for missing your email. The well located at 4356 is also down-gradient of the proposed SDA on this lot.

You may use the interactive variance application (attached) which references COMAR 26.04.02.05.B.(2)

Thanks,

Hank

From: Rik Stouffer [<mailto:rik@nttsurveyors.com>]
Sent: Tuesday, May 15, 2018 5:30 PM
To: Oswald, Hank
Cc: anntith@gmail.com; Carl Hudgins
Subject: RE: Tithereington Property_Lithicum Road

Hank,

I had replied to your email on April 25th asking for additional information. Is there any way we could meet or have a phone conversation to determine what I need to provide to get this moving, please see below the questions I had per your comments.

Thanks for any help you can provide,

Rik Stouffer
Professional Land Surveyor 21260
NTT Associates, Inc.
16205 Old Frederick Road
Mt. Airy, Maryland 21771
Phone: 410-442-2031
Fax: 410-442-1315
Website: <http://www.nttsurveyors.com>

From: Rik Stouffer
Sent: Wednesday, April 25, 2018 12:03 PM
To: 'Oswald, Hank'
Cc: anntith@gmail.com; Carl Hudgins
Subject: RE: Tithereington Property_Lithicum Road

Hank,

I finally had a chance to re-review the Percolation Site Plan and your comments,

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, June 06, 2018 10:37 AM
To: 'Rik Stouffer'
Cc: 'Carl Hudgins'; anntith@gmail.com
Subject: RE: Tithereington Property_Lithicum Road_Dates Revised
Attachments: Septic Contractors.pdf

Hello All:

The variance request looks fine. We will file the variance request with MDE after we have conducted the perc test. One of the main issues with the downgrade well(s) is making sure they are at least 200 feet away from the SDA. With that said, we would also like to see the septic components located at 4364 Linthicum Road field located to ensure they are not within the replacement well radius. One last thing, my supervisor suggested pulling-up perc test holes 302, and 305 to the well radius in case we need the extra area. It would be nice to receive a copy of the adjusted plan prior to the test date.

At this time, I would like to propose some perc test dates for next week. This shouldn't take more than a half day to a full day.

June 13 or 14th starting at 8:30 a.m. As mentioned, the septic contractor will need a backhoe capable of excavating a hole to at least 12 feet and a water source. Also, the perc test hole location will need to be field located and staked prior to the test date. I've attached a list of septic contractors for your convenience.

Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

From: Rik Stouffer [mailto:rik@nttsurveyors.com]
Sent: Tuesday, June 05, 2018 5:01 PM
To: Oswald, Hank
Cc: Carl Hudgins
Subject: RE: Tithereington Property_Lithicum Road

Hank,
Attached is a copy of the Application for Variance. Can you please give it a quick look to see if any other information is required as this is my first Variance request.

If not, can I mail this to you or do I need to hand deliver it and how many copies do you require?

Thanks for all of your help,

Rik Stouffer
Professional Land Surveyor 21260
NTT Associates, Inc.
16205 Old Frederick Road

Columbia, MD 21045

410.313.1786 (Office)

hoswald@howardcountymd.gov

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From: ann titherington [<mailto:anntith@gmail.com>]

Sent: Monday, June 11, 2018 9:12 AM

To: BECKY HAHN; Carl Hudgins; Crimco3@gmail.com; Oswald, Hank; Rik Stouffer

Subject: 4364 Linthicum Rd

Hi

Are you all set for June 13 or 14?

I will not be home June 13. You can use neighbors drive way or mine to park and unload

Ann Titherington

Good morning All:

Since I haven't heard back from anyone, I will assume those dates do not work. Please send me some dates that work for you and I will check my schedule.

Thanks,

Hank

From: Oswald, Hank
Sent: Monday, June 11, 2018 9:33 AM
To: 'ann titherington!'; BECKY HAHN; Carl Hudgins; Crimco3@gmail.com; Rik Stouffer
Subject: RE: 4364 Linthicum Rd

Hi Ann Titherington:

I have not heard from anyone about a date. Please confirm by end of today for Wed or Thursday starting at 830. Please have the holes properly staked/labeled and notify Ms. Utility.

Thanks,

Hank

Hank Oswald

Licensed Environmental Health Specialist

Howard County Health Department

Bureau of Environmental Health

Well & Septic Program

8930 Stanford Boulevard

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, June 13, 2018 8:15 AM
To: 'ann titherington'
Cc: BECKY HAHN; Carl Hudgins; Crimco3@gmail.com; Rik Stouffer
Subject: RE: 4364 Linthicum Rd_PERC TEST DATES

Hello All:

I can still conduct the perc tests tomorrow morning (June 14th @ 8:30 a.m.) but I will need confirmation of the following items before 2:30 p.m. today:

- 1.) The perc test holes have been properly field located and staked.
- 2.) Ms. Utility has already been notified.
- 3.) Septic contractor has the proper equipment to conduct the perc tests (i.e. backhoe, hand shovel, water source etc.)
- 4.) Supply a scaled hard copy of the revised perc test plan.

Thanks,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
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From: ann titherington [<mailto:anntith@gmail.com>]
Sent: Wednesday, June 13, 2018 7:19 AM
To: Oswald, Hank
Cc: BECKY HAHN; Carl Hudgins; Crimco3@gmail.com; Rik Stouffer
Subject: Re: 4364 Linthicum Rd_PERC TEST DATES

June 14 is a good date. Can you and Joey Dustin and NTT come then? Today is fine but i will not be here

On Wed, Jun 13, 2018 at 6:58 AM Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, June 14, 2018 12:46 PM
To: 'ann titherington'
Cc: BECKY HAHN; Carl Hudgins; Crimco3@gmail.com; Rik Stouffer
Subject: Perc Test Results
Attachments: Perc Test Report_Linthicum Road_6.14.18.pdf; Perc Test Field Notes_Linthicum Road_6.18.pdf

Hello Mrs. Titherington:

Attached, please find a copy of the perc test results for Linthicum Road (Tax Map 22, Grid 19, Parcel 561, Tax Account # 05435005) in Dayton. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
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