



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](http://www.hchealth.org)

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

RECEIPT DATE: 01/30/2019 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 564744

APPROVAL DATE: 02/19/2019 **PERMIT: CONSTRUCTION**

A

PROPERTY ADDRESS: 12529 Westland Court

SUBDIVISION: Westland Farm Estates

LOT: 10

TAX ID:

CONTRACTOR: Hatfield's Equipment

EMAIL: ken@hatfieldsequipment.com

CONTRACTOR ADDRESS: P.O. Box 519, Annapolis Junction, MD 21701

PHONE: 301-490-4289

PROPERTY OWNER: Williamsburg Group Westland Farm LLC

EMAIL: billmcbride@williamsburgllc.com

OWNER ADDRESS: 5485 Harpers Farm Road, Columbia, MD 21044

PHONE: 410-997-8800

SEPTIC TANK SIZE (GALLONS): 2000

TANK MANUFACTURER: Babylon Vault or Equivalent

PUMP MODEL: N/A

PUMP SIZE

N/A

PUMP TANK CAPACITY: N/A

DISTRIBUTION SYSTEM: ☒ GRAVITY ☐ PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>156</u>	INLET DEPTH: <u>1.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:		

ISSUED BY: Hank Oswald

ISSUE DATE:

EXPIRATION DATE:

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT 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 N/A

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.



## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Monday, September 10, 2018 10:00 AM  
**To:** 'Stephanie Tuite'  
**Subject:** RE: Westland Lot 10 Septic  
**Attachments:** OSDS Design Plan Requirements\_Updated 5.31.17.pdf

Hi Stephanie:

I should have been more clear in my comments to you about raising the septic system components (i.e. the tank should be raised as high as possible while maintaining 2% fall and 6 inches cover and the distribution box and trench inverts shall be raised as high as possible while maintaining 2% fall and 18 inch invert depth). In addition, the test holes should be appropriately numbered.

I've attached the OSDS Plan requirements in case you don't have this version.

Let me know if you have any questions.

Thanks,

Hank

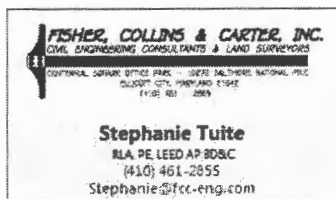
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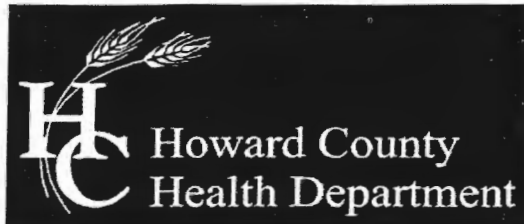
**From:** Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]  
**Sent:** Tuesday, September 04, 2018 11:06 AM  
**To:** Oswald, Hank  
**Subject:** Westland Lot 10 Septic

Hank,

Have you had a chance to look at the revised septic plan? Let me know if you need anything.

Steph





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

### SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: \_\_\_\_\_

Subdivision: Westland Farms Estates Lot: 10

Initial system: Application rate: 1.2 Effective area beginning depth: 4 Bottom maximum depth: 6

1<sup>st</sup> Replacement: Application rate: 1.2 Effective area beginning depth: 4 Bottom maximum depth: 6

2<sup>nd</sup> Replacement: Application rate: 1.2 Effective area beginning depth: 4 Bottom maximum depth: 6

Design Flow = 150 gallons per day per bedroom

Design flow + application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage + trench width

Sidewall reduction credit formula:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

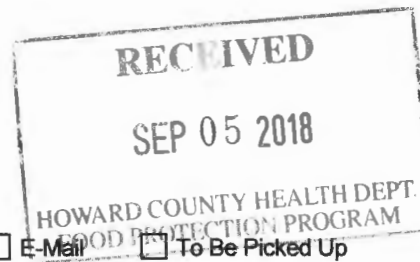
Standard design requirements:

- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is  $2D + W$  up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements:

Approved: Hank Oswald Date: 5/18/15

# Transmittal



Via: ☐ Fax ☐ Mail ☒ Messenger  
☐ Fax (original to follow via U.S. Mail)

☐ E-Mail ☐ To Be Picked Up

To: **Bureau of Environmental Health**  
**8930 Stanford Blvd**  
**Columbia, MD 21046-4544**

Attn: **Jeff Williams**  
Fax: **(410) 313-2648**  
Phone: **(410) 313-2640**

From: **Stephanie Tuite**

CC:

Re: **Westland Farm Estates Lot 10 - Septic Plan**

W.O.# **05062-3003**

Date: **9/5/18**

Pages: **Page(s) Including this cover**

We are forwarding: ☒ Prints ☐ Copy of Letter ☐ Specifications ☐ Shop drawings ☒ Other  
☐ Urgent ☐ For your use ☐ As requested ☐ For Review & Comment

## Remarks:

Attached please find three copies of the revised Septic Plan for 12529 Westland Court, Westland Farm Estates, Lot 10. The following are responses to Hank Oswald's comments dated 7/31/18.

1. Tank is 5' away from tank which should be adequate separation.
2. Initial system has been revised per you markup.

Please call with any questions.

**Stephanie Tuite, RLA, PE, LEED AP BD&C**  
**Fisher, Collins & Carter, Inc.**

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

**MEMORANDUM**

**TO:** Fisher, Collins & Carter, Inc.  
10272 Baltimore National Pike  
Ellicott City, MD 21042

**FROM:** Hank Oswald, L.E.H.S.  
Well & Septic Program

**RE:** OSDS Plans  
12529 Westland Court

**Date:** July 31, 2018

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The following comments pertain to the OSDS Plan for 12529 Westland Court:

1. Raise septic tank and move cleanout away from tank.
2. Move initial system toward top of SDA and make trenches less angled (See attachment).

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Tuesday, July 31, 2018 10:22 AM  
**To:** Stephanie Tuite (Stephanie@fcc-eng.com)  
**Subject:** OSDS Plan\_12529 Westland Court  
**Attachments:** OSDS Memo To FCC\_\_2018.pdf; Plan.pdf

Hello Stephanie:

Attached, please find comments pertaining to the review of 12529 Westland Court.

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  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

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----------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------

From: <b>Stephanie Tuite</b>	CC:
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Re: <b>Westland Farm Estates Lot 10 - Septic Plan</b>	W.O.# <b>05062-3003</b>
Date: <b>7/24/18</b>	Pages: <b>Page(s) Including this cover</b>

We are forwarding:	<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input checked="" type="checkbox"/> Other
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Remarks:

**Attached please find three copies of the Septic Plan for 12529 Westland Court, Westland Farm Estates, Lot 10.**

**Please call with any questions.**

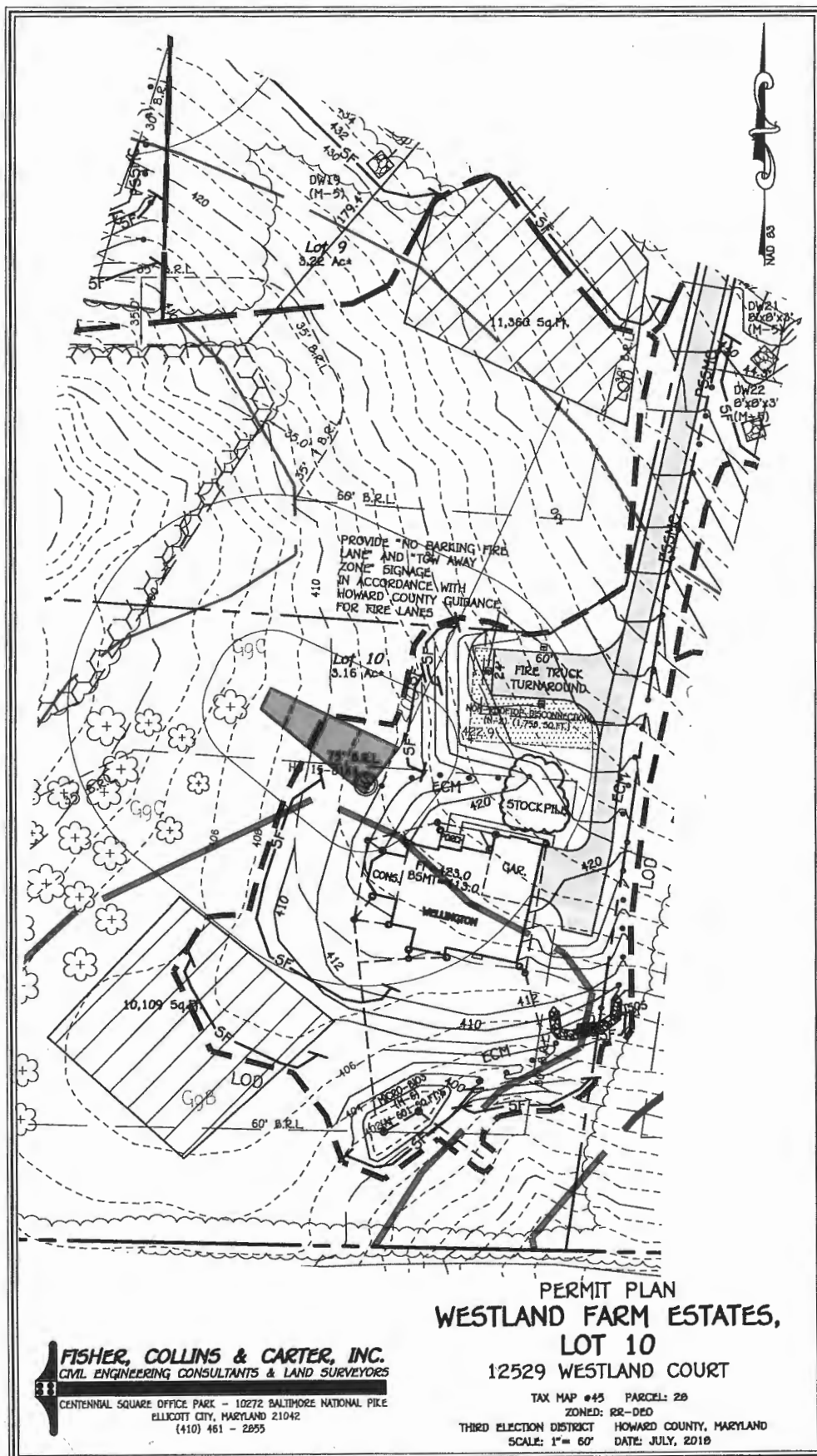
**Stephanie Tuite, RLA, PE, LEED AP BD&C**  
**Fisher, Collins & Carter, Inc.**

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----------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------

From: <b>Stephanie Tuite</b>	CC: .
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Re: <b>Westland Farm Estates Lot 10 - Septic Plan</b>	W.O.# <b>05062-3003</b>
Date: <b>9/12/18</b>	Pages: <b>Page(s) Including this cover</b>

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