

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

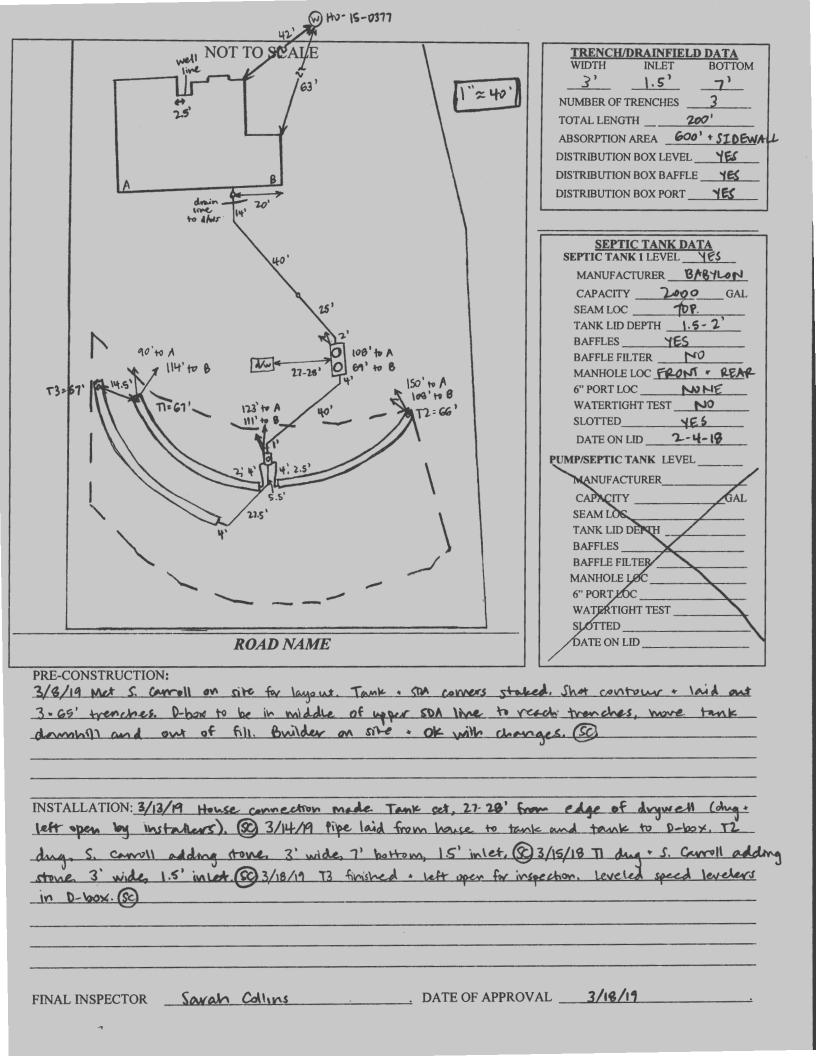
Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 31919 ONSITE SEWAGE DISPOSAL SYSTEM P 5697	3						
APPROVAL DATE: 3/18/19 SEC PERMIT: CONSTRUCTION A							
PROPERTY ADDRESS: 15208 Torino Way							
SUBDIVISION: Fairlane Farms LOT: 29 TAX ID:							
CONTRACTOR: South Carroll Backhoe EMAIL: scbackhoe@comcast.com							
CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-596-3618							
PROPERTY OWNER: NV Homes EMAIL:							
OWNER ADDRESS: 9720 Patuxent Woods Drive, Columbia, MD 21046 PHONE: 410-379-5956							
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: 5 APPLICATION RATE 1.2							
LINEAR FEET REQUIRED: 195.31 INLET DEPTH: 1.5							
TRENCHES: TRENCH WIDTH: 3 MAXIMUM BOTTOM DEPTH: 7							
MINIMUM SPACE BETWEEN TRENCHES: 10 EFFECTIVE AREA BEGINNING DEPTH: 5							
LOCATION: PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.							
Install 3 trenches @ 65.10 FT							
NOTES:							
ISSUED BY: Hank Oswald ISSUE DATE: 3/4/19 EXPIRATION DATE: 3/4/2	J						
NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PROR 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 DOWNGRADIENT FROM ANY WATER WELL							
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS							
NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM							
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE							
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

From:

Tony Fertitta <tonyf@fcc-eng.com>

Sent:

Friday, January 11, 2019 9:46 AM

To:

Oswald, Hank

Subject:

RE: BP Plan_15208 Torino Way

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

ok thanks

From: Oswald, Hank [mailto:hoswald@howardcountymd.gov]

Sent: Friday, January 11, 2019 9:29 AM

To: Tony Fertitta

Subject: BP Plan_15208 Torino Way

Hi Tony:

The OSDS Plan has been approved. Please revise the permit plot plan with new elevations near tank to DILP.

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

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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:

15208 Torino Way

Fairlane Farms, Lot 29

Date:

January 7, 2019

The OSDS Plan for has been reviewed with the following comments:

1.) Adjust tank location so it isn't within 25 feet of steep slopes (greater than 25 feet).

2.) Match elevations in septic profile to the list of elevations on plan. In addition, the invert out of the d-box cannot be lower than the invert into the trench

3.) Correct Trench detail depths (i.e. the trench invert is at 1.5 feet but it shows 2 foot of cover).

4.) 1st replacement coefficient of reduction should be (3+2)/3+1+ (2x4) but 0.417 is correct. Show correct #s in the equation.

5.) 2^{nd} replacement coefficient of reduction should be (3+2)/3+1+(2x2.5) but 0.55 is correct. Show correct #s in the equation.

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS and LAND SURVEYORS

Transmittal

Terrell A. Fisher, P.E., L.S. Earl D. Collins, P.E. Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.
Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

Via: [☐ Fax ☐ Fax (origir	☐ Mail nal to follow via U.S		r 🔲 E-Mail	☐ To Be Picked Up			
To: Bu	ureau of En	vironmental H	ealth	Attn: Ha	nk			
89	30 Stanfor	d Blvd.		Fax:				
Co	olumbia, Ma	aryland 21046	4544	Phone: 41	Phone: 410-313-2640			
From: To	ony Fertitta			CC:				
Re: Fairlane Farms, Lot 29				W.O.# 05 1	106-3003			
Date: Ja	nuary 8, 20)19		Pages: 0	Page(s) Including this cover			
We are fo	orwarding: [⊠ Prints □ Co □ Urgent □ Fo	opy of Letter [or your use [Specifications As requested	☐ Shop drawings ☐ Other ☐ For Review & Comment			
Remarks:								
		Lot 29, 15208 T	-					
Here are any ques		ies of the OSD	S for Lot 29 fo	r your review. P	lease let me know if you have			
Thank Yo	ou,							
Tony.					The same of the sa			
Fisher, C	Collins, & C	arter, Inc. Ph. 4	110-461-2855		THE STATE OF THE S			
		C	ONFIDENTIAL	LITY NOTICE	A rest hings			

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Oswald, Hank

From:

Oswald, Hank

Sent:

Monday, January 07, 2019 2:25 PM

Sent: To:

'Tony Fertitta'

Subject:

OSDS Plan_15208 Torino Way_Lot 29

Attachments:

OSDS Memo To FCC_2018.pdf

Hi Tony:

Attached, please find plan review comments for 15208 Torino Way, Lot 29.

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

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Oswald, Hank

From:

Oswald, Hank

Sent:

Wednesday, January 02, 2019 9:42 AM

To:

'Tony Fertitta'

Subject:

Fairlane Farms Lot 29

Attachments:

OSDS Memo To FCC_2019.pdf

Hi Tony:

Happy New Year to you. Attached, please find plan review comments to the OSDS Plan for Fairlane Farms, Lot 29.

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

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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:

15208 Torino Way

Fairlane Farms, Lot 29

Date:

January 2, 2019

The OSDS Plan for has been reviewed with the following comments:

- 1.) Septic Profile doesn't match grading on plan and list of elevations. In addition, the length of pipe between 1st cleanout and tank in profile doesn't match length of pipe on plan.
- 2.) Raise d- box. The d-box may not be 5 feet in ground.
- 3.) Raise trench inverts to a minimum depth of 18 inches while maintaining at least2% fall between tank and d- box.
- 4.) Initial trench reduction credit calculation should be 2 not 3 feet but 0.625 is correct.
- 5.) 1st replacement trench spacing calculation should be 11 feet (not 10).
- 6.) 2^{nd} replacement reduction credit should be 0.55 (not 1.2). Trench spacing calculation, D = 2.5 (not 2) but 10 feet is correct.

Website: www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: @HoCoHealth



Transmittal

Terrell A. Fisher, P.E., L.S. Earl D. Collins, P.E. Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.
Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

Via:	☐ Fax ☐ Fax (orig	☐ Mail ginal to follow	☑ Messen via U.S. Mail)	nger 🔲 E-Mai	il To Be Picked Up			
To:	To: Bureau of Environmental Health				Attn: Hank			
	8930 Stanfo	ord Blvd.		Fax:	Fax:			
	Columbia, I	Maryland 2	21046-4544	Phone:	Phone: 410-313-2640			
From:	Tony Fertiti	ta		CC:				
Re:	Re: Fairlane Farms, Lot 29			W.O.# (W.O.# 05106-3003			
Date:	ate: December 28, 2018			Pages: 0	Page(s) Including this cover			
We ar	e forwarding:		Copy of Letter	Specifications	☐ Shop drawings ☐ Other			
		Urgent	For your use	As requested	☐ For Review & Comment			
_								
Rema								
Here			208 Torino Way. OSDS for Lot 29	for your review.	Please let me know if you have			
Than	k You,							
Tony								
Fisher, Collins, & Carter, Inc. Ph. 410-461-2855								

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FISHER, COLLINS & CARTER, INC.

and LAND SURVEYORS

Transmittal

Terrell A. Fisher, P.E., L.S. Earl D. Collins, P.E. Charles J. Crovo, Sr., P.E., L.S.

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Mark L. Robel, P.L.S.
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Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

Via:	☐ Fax	☐ Mail	Messen Me	ger 🔲 E-l	/lail	☐ To Be Picked Up		
	Fax (ori	ginal to follow	via U.S. Mail)					
То:	Bureau of 8	ital Health	Attn:	На	nk			
	8930 Stanfo	ord Blvd.		Fax:				
	Columbia,	Maryland 2	1046-4544	Phone	: 41	0-313-2640		
	1999							
From:	Tony Fertit	ta		CC:				
Re:	Fairlane Fa	rms, Lot 29		W.O.#	W.O.# 05106-3003			
Date:	January 2,	2019		Pages	: 0	Page(s) Including this cover		
We a	re forwarding:		Copy of Letter	Specificatio		☐ Shop drawings ☐ Other		
		Urgent	For your use	As requeste	:d	For Review & Comment		
Rema	arks.							
		n. Lot 29. 15	208 Torino Way.					
Here			•	for your review	v. P	lease let me know if you have		
_	ık You,							
Tony.								
Fisher, Collins, & Carter, Inc. Ph. 410-461-2855								
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