



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.: _____

Building Address: 2039 Terrapin Creek Rd
City: Sykesville State: MD Zip Code: 21784
Suite/Apt. # _____ SDP/WP/BA #: _____
Census Tract: _____ Subdivision: _____
Section: _____ Area: _____ Lot: 15
Tax Map: _____ Parcel: _____ Grid: _____
Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: SCD
Proposed Use: SCD w/ deck
Estimated Construction Cost: \$ 30,000
Description of Work: Construct a 33' x 38' irreg
Shaped deck w/ steps
604 sq ft
Occupant/Tenant Name: OWNER

Was tenant space previously occupied? Yes No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: Tom & Liz Dunn
Address: 2039 Terrapin Creek Rd
City: Sykesville State: MD Zip Code: 21784
Phone: 413-564-5163 Fax: _____
Email: _____

Applicant's Name & Mailing Address, (If other than stated herein)
Applicant's Name: MICHELLE CLANCY
Address: PO BOX 310
City: PERRY HALL State: MD Zip Code: 21128
Phone: 443-610-7514 Fax: _____
Email: MICHELLE@APPLIEDANDAPPROVED.COM

Contractor Company: NORTH AMERICAN DECK & PATIO
Contact Person: ROBERT LOEWY
Address: 2411 CROFTON LANE #4B
City: CROFTON State: MD Zip Code: 21114
License No.: 92404
Phone: 410-535-1960 Fax: _____
Email: _____

Engineer/Architect Company: CONTRACTOR
Responsible Design Prof.: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1 st floor:
Area of construction (sq. ft.):	2 nd floor:
Use group:	Basement:
Construction type:	<input type="checkbox"/> Finished Basement
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Unfinished Basement
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Crawl Space
<input type="checkbox"/> Masonry	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Wood Frame	No. of Bedrooms:
<input type="checkbox"/> State Certified Modular	Multi-family Dwelling
Roadside Tree Project Permit	No. of efficiency units:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No. of 1 BR units:
Roadside Tree Project Permit #	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
	Footings:
	Roof:
	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities	
Electric: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Supply	
<input checked="" type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input checked="" type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

MICHELLE CLANCY
Applicant's Signature
MICHELLE@APPLIEDANDAPPROVED.COM
Email Address
PERMITS
Title/Company

MICHELLE CLANCY
Print Name
8/25/18 1/23/20
Date

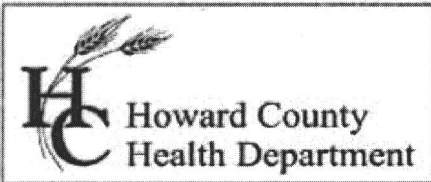
Checks Payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>1/23/20</u>	<u>Beverel</u>

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

Distribution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA



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: 9-25-17 **ONSITE SEWAGE DISPOSAL SYSTEM** P 501534A

APPROVAL DATE: 4/17/18 SEC **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 2039 Terrapin Creek Road

SUBDIVISION: Terrapin Creek LOT: 15 TAX ID: _____

CONTRACTOR: WTC Contractors EMAIL: _____

CONTRACTOR ADDRESS: 3033 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-458-7024

PROPERTY OWNER: LDG Inc. EMAIL: _____

OWNER ADDRESS: 8601 Georgia Avenue, Silver Spring, MD 20110 PHONE: 301-585-7000

SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: _____

PUMP MODEL: WE-03 PUMP SIZE 1/3 UP PUMP TANK CAPACITY: 1250

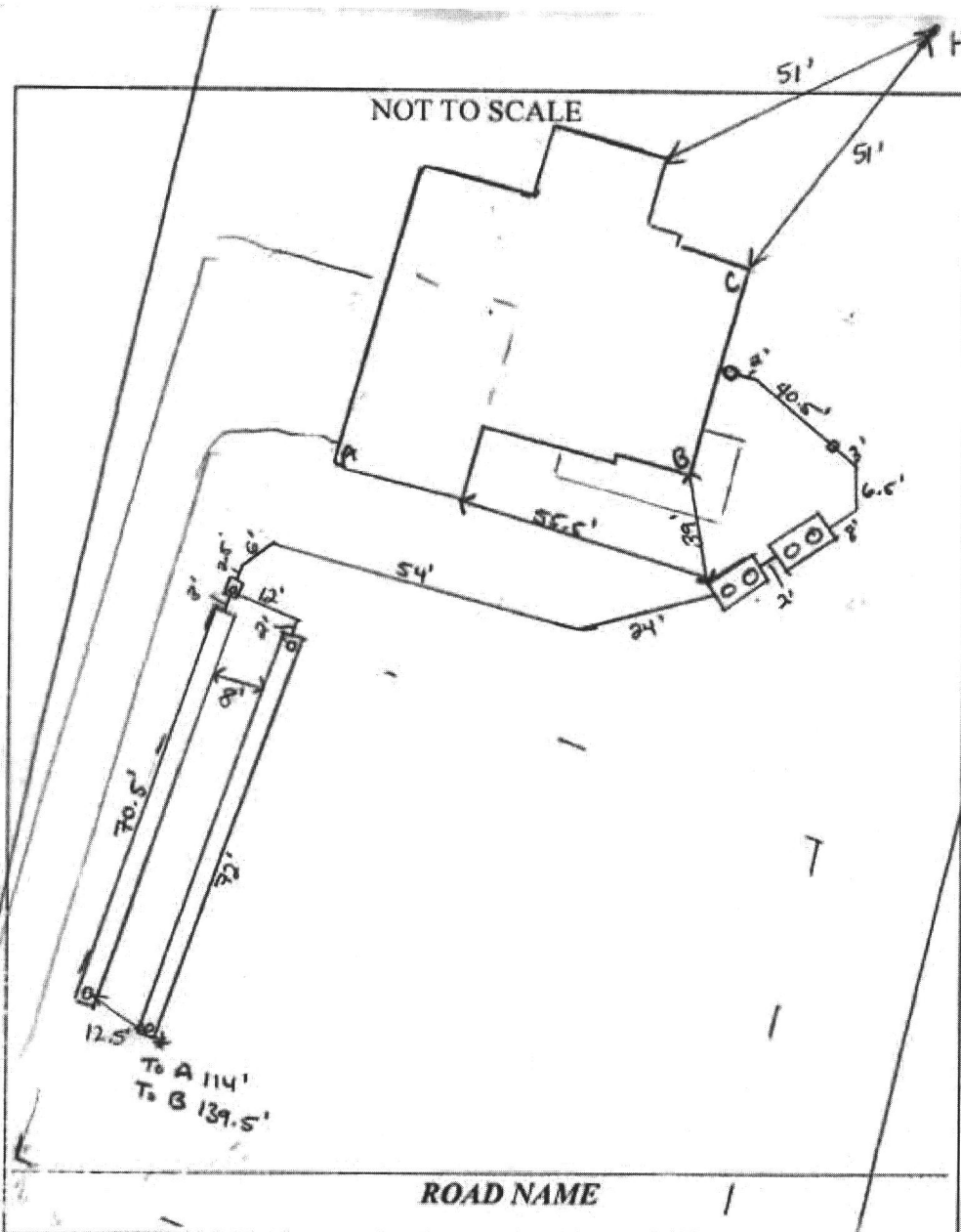
DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: _____

TRENCHES:	LINEAR FEET REQUIRED: <u>140</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4.5</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: _____ ISSUE DATE: 9-25-17 EXPIRATION DATE: 9-28-18

- 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 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
- 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.



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		142.5'
ABSORPTION AREA		427.5 sq ft
DISTRIBUTION BOX LEVEL		DNI
DISTRIBUTION BOX BAFFLE		N/A
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	DNI
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	~3'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	Front/Back
6" PORT LOC	Inlet
WATERTIGHT TEST	-
SLOTTED	Yes
DATE ON LID	08/27/17
PUMP/SEPTIC TANK LEVEL DNI	
MANUFACTURER	Babylon
CAPACITY	1250 GAL
SEAM LOC	TOP
TANK LID DEPTH	~3'
BAFFLES	Inlet
BAFFLE FILTER	NO
MANHOLE LOC	Front/Back
6" PORT LOC	N/A
WATERTIGHT TEST	-
SLOTTED	No
DATE ON LID	-

2 Pump tank outlet facing S.E. outlet

PRE-CONSTRUCTION:

9/27/17 Met WTC on site for layout. SDA corners staked. Shot contour + laid out 2x70' trenches. Pulled 10' off well and 20' off house corner to get tank locations. Set tanks parallel to contour if builder always change in direction. (SC)

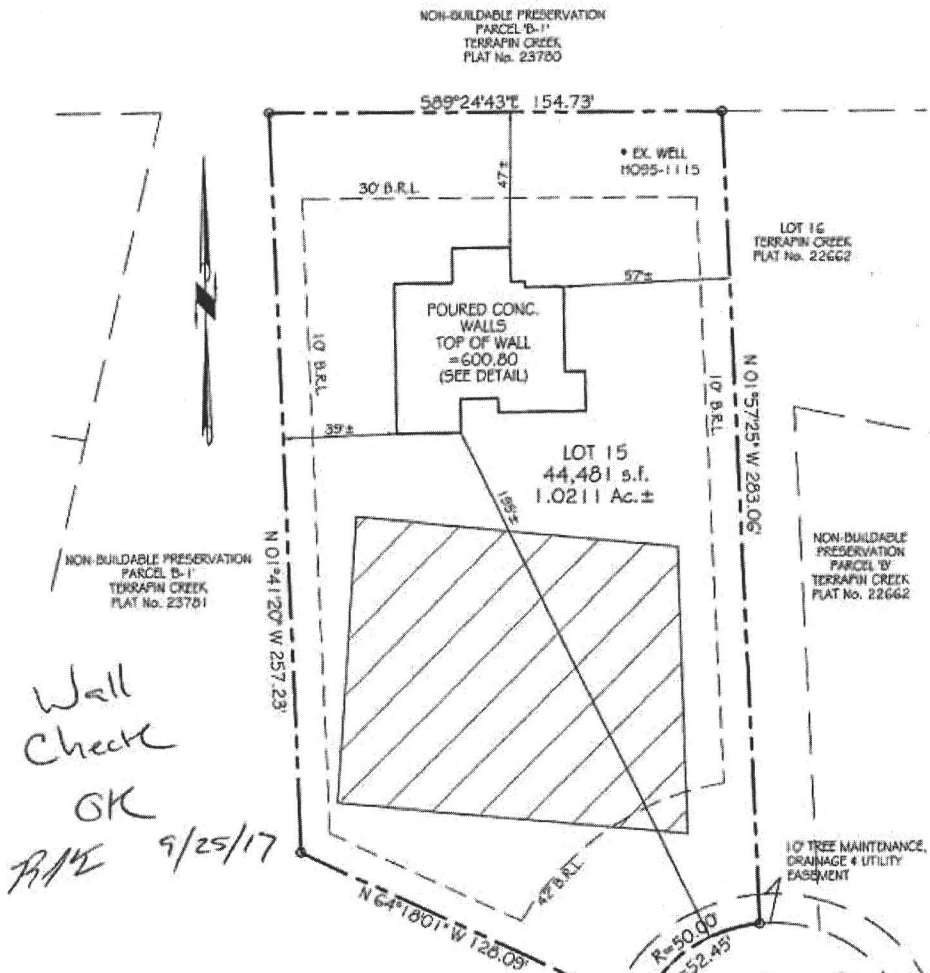
10/02/17 Sewer Line Spec:

PVC Solvent Welded 4" Cresline SCH 40

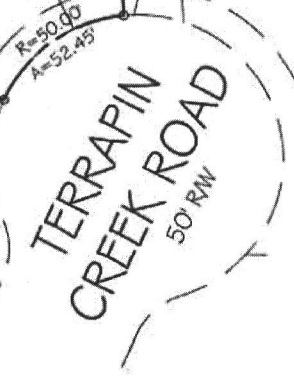
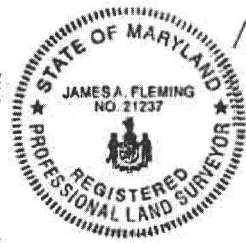
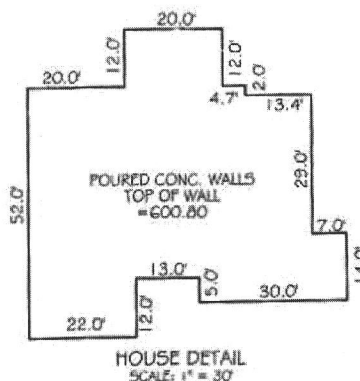
INSTALLATION: 10/02/17 On site after construction of the system. Approved for backfill. Reinspect for pump and Alarm. @ 10/03/17 placed in PostTrac as reinspection on 10/3/17. Reinspection occurred on 10/02/17. @ 4/17/18 Met WTC on site for pump + alarm test. Alarm sounds, pump pumps effluent to D-box. T2 obs. pipe is slightly below grade - WTC to raise [corrective action] (SC)
 4/17/18 T2 obs. pipe raised [corrective action completed] (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 4/17/18

- NOTES:
 1) FOUNDATION AND FOOTINGS ARE IN PLACE AS SHOWN HEREON.
 2) BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED.
 3) TOP OF WALL = 600.80



Wall Check
 OK
 P.M.E. 9/25/17



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21237, EXPIRATION DATE JANUARY 18, 2019, IN ACCORDANCE WITH COMAR 09.13.06.12.

James A. Fleming
 For VanMar Associates, Inc. Date 8-23-2017
 James Aiden Fleming, Prof. Land Surveyor

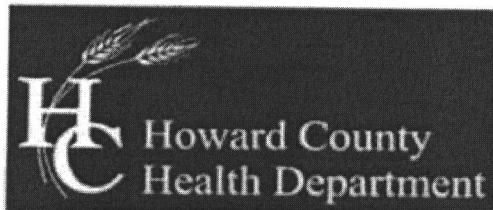
WALL CHECK DRAWING
 LOT 15
 TERRAPIN CREEK
 PLAT No. 22662
 2039 TERRAPIN CREEK ROAD
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' AUGUST, 2017

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

REFERENCE	JOB NO.
PLAT NO. 22662	B4-5425

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street Mount Airy, Maryland 21771
 (301) 829-2890 (301) 831-5015 (410) 549-2751
 ©Copyright, Latest Date Shown

Q:\AutoDesk\Jobs\B4-5425 Terrapin Creek\DWG\plc plan.tbl 15.dwg, 8/23/2017 9:39:09 AM



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

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

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

June 30, 2017

Vanmar Associates, INC.
310 South Main Street
Mount Airy, MD 21771
Attn: Ron Thompson

Sent via email to: ron@vanmar.com

RE:

**OSDS Plan
2039 Terrapin Creek Road
Terrapin Creek, Lot 15
Woodstock, MD 21163**

Hi Ron:

The OSDS Plan for Terrapin Creek, Lot 15 has been reviewed with the following comments:

- 1.) The friction loss should be more like 2.05 (per sand mound chart)
- 2.) The TDH would be more like 19.69 (use 20)
- 3.) TDH of 20 intersects the pump curve at 35 GPM
- 4.) Pump should be a 1/3 HP, WE03.
- 5.) Pump runtime = 3 minutes.
- 6.) Change wording in calculation to 2nd replacement
- 7.) House detail elevations do not match Layout elevations on plan
- 8.) Move d-box inside SDA

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

Respectfully,

Hank Oswald

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



**VANMAR
ASSOCIATES, INC.**

Engineers • Surveyors • Planners

310 South Main Street, P.O. Box 328, Mount Airy, Maryland 21771

(301) 829-2890
(301) 695-0600

(301) 831-5015

(410) 549-2751
Fax (301) 831-5603

July 11, 2017

Mr. Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
718 Columbia Gateway Drive
Columbia, MD 21046-2147

RE: Lot 15 OSDS Plan
2039 Terrapin Creek Road
Terrapin Creek Subdivision

The following is a response to the June 30, 2017 comments.

1. The friction loss should be more like 2.05 (per sand mound chart)

Response 1: The computations were revised per the sand mound chart using a 3 minute run time (33.3 GPM). This provides a 1.85 factor for a friction loss of 2.39.

2. The TDH would be more like 19.69 (use 20).

Response 2: The TDH is 20.03 (used 20).

3. TDH of 20 intersects the pump curve at 35 GPM.

Response 3: Pump curve intersection corrected to maximum 35 GPM.

4. Pump should be 1 / 3 HP, WE03.

Response 4: Pump corrected to 1 / 3 WE03M.

5. Pump runtime = 3 minutes.

Response 5: Pump runtime revised to 3 minutes.

6. Change wording in calculation to 2nd replacement.

Response 6: Wording revised to 2nd replacement.

7. House detail elevations do not match layout elevations on plan.

Response 7: House detail elevations corrected.
