DOMINION Soil Science

OSE/PE Report For:

☐ Construction Permit ☐ Repair Permit ☐ Voluntary Upgrade Permit ☑ Certification Letter ☐ Subdivision Approval

Property Location:

911 Address *118 Waller Point Dr.* City, State, Zip: *Stafford, VA 22554*

Lot: *13* Section: _____ Subdivision: *Arkendale*

GPIN or Tax Map #: *32-13* Health Dept. ID #: _____

Latitude: _____ Longitude: _____

Owner :

Name: *Micheal Shamari*

Address: *6723 Georgetown Pi.* *McLean, VA 22101*

Prepared by:

OSE Name: *Danny R. Hatch* License # *1940-001123*

Address: *13282 Sillamon Rd, Goldvein, VA 22720*

PE Name: _____ License # _____

Address: _____

Date of Report: *8/10/2018* Date of Revision #1: *9/13/2018*

OSE/PE Job # *3903 CL* Date of Revision #2: _____

Contents/Index of this report:

1. Cover Sheet	*10 - 12. Soil Summary & Profiles*	
2 - 3. Site Sketches	*13. Well Location Statement*	
4 - 5. Abbreviated Designs	*14. Survey*	
6 - 9. Water Mounding Evaluation		

Certification Statement

I hereby certify that the evaluations and/or designs contain herein were conducted in accordance with the *applicable provisions of the Sewage Handling & Disposal Regulations (12VAC5-610), the Private Well Regulations (12VAC5-630), the Regulations for Alternative Onsite Systems (12VAC5-613)* and all other applicable laws, regulations, and policies implemented by the Virginia Department of Health. I further certify that I currently posses any professional license required by the laws and regulations of the Commonwealth that have been duly issued by the applicable agency charged with licensure to perform the work contained herein. The potential for both conventional and alternative onsite sewage systems has been discussed with the owner/applicant.

☑ The work attached to this cover page has been conducted under an exemption to the practice of engineering, specifically the exemption in Code of Virginia Section 54.1-402.A.11

I recommend that a: ☐ Construction Permit ☐ Subdivision Approval be: ☑ ***Issued***

☑ Certification Letter ☐ Repair Permit ☐ Voluntary Upgrade ☐ ***Denied***

OSE/PE Signature: Danny R Hatch Date: 9/13/18

The form contains personal information subject to disclosure under the Freedom of Information Act. *Revised 12/01/*

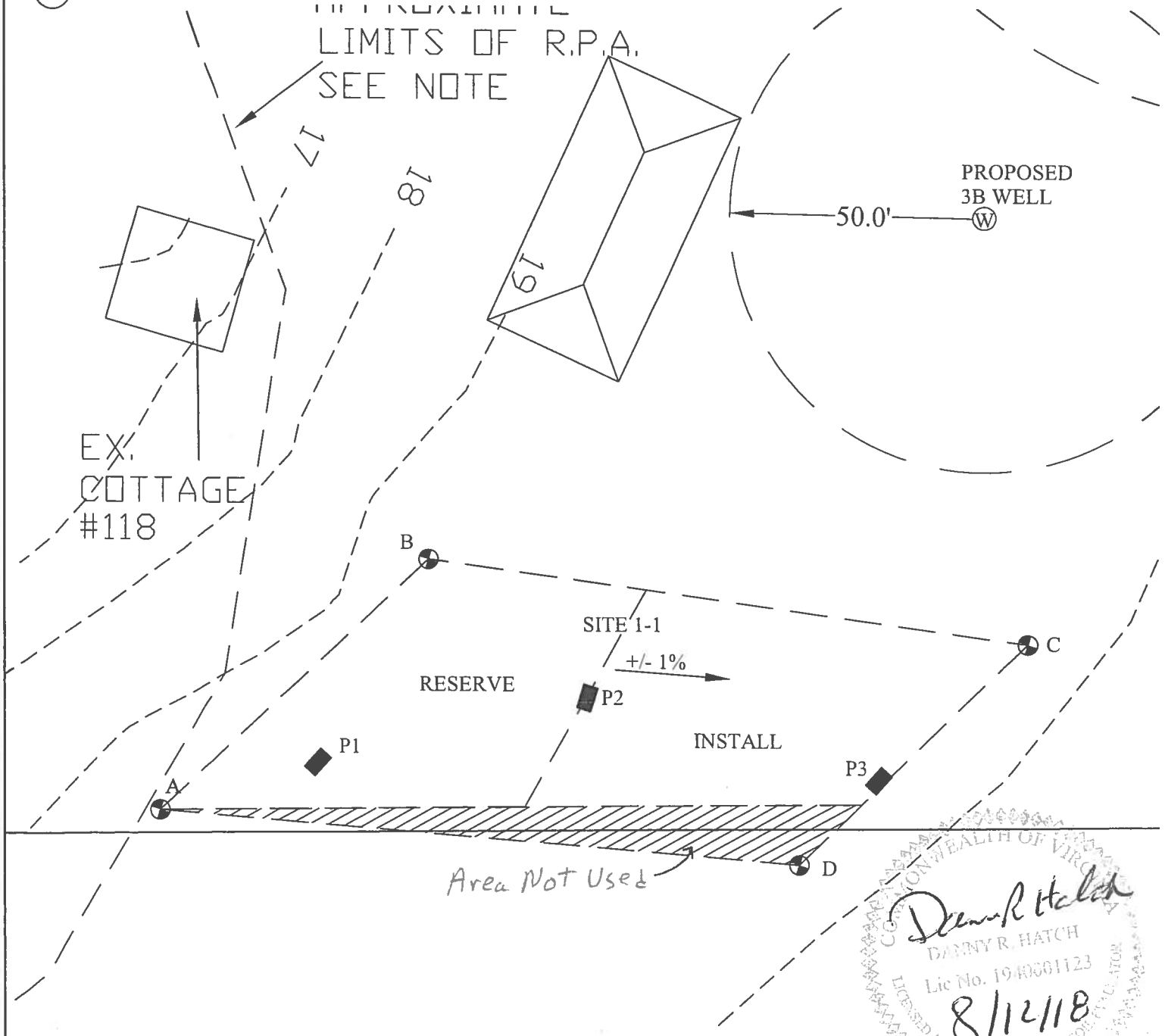
Dominion Soil Science, Inc.

13282 Sillamon Road, Goldvein, VA 22720 540-737-1003; FAX 540-737-1006

SITE SKETCH
118 WALLER POINT DR.
STAFFORD COUNTY, VA

(B#) BORE #
PIT #
SLOPE DIRECTION
(A-F) DRAINFIELD CORNERS
PROPOSED IIIB WELL

ALL KNOWN WELLS & DRAINFIELD SITES WITHIN 200' OF THE PROPOSED DRAINFIELDS ARE SHOWN.



COMMONWEALTH OF VIRGINIA
DANNY R. HATCH
Lic No. 1940001123
LICENSED ALTERNATIVE ONSITE SOILS CONSULTANT
8/12/18

JOB NUMBER: 3903CL
August 10, 2018
DRAWN BY: pmp

0' 30' 60' 90'

Dominion Soil Science, Inc.

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SITE SKETCH
118 WALLER POINT DR.
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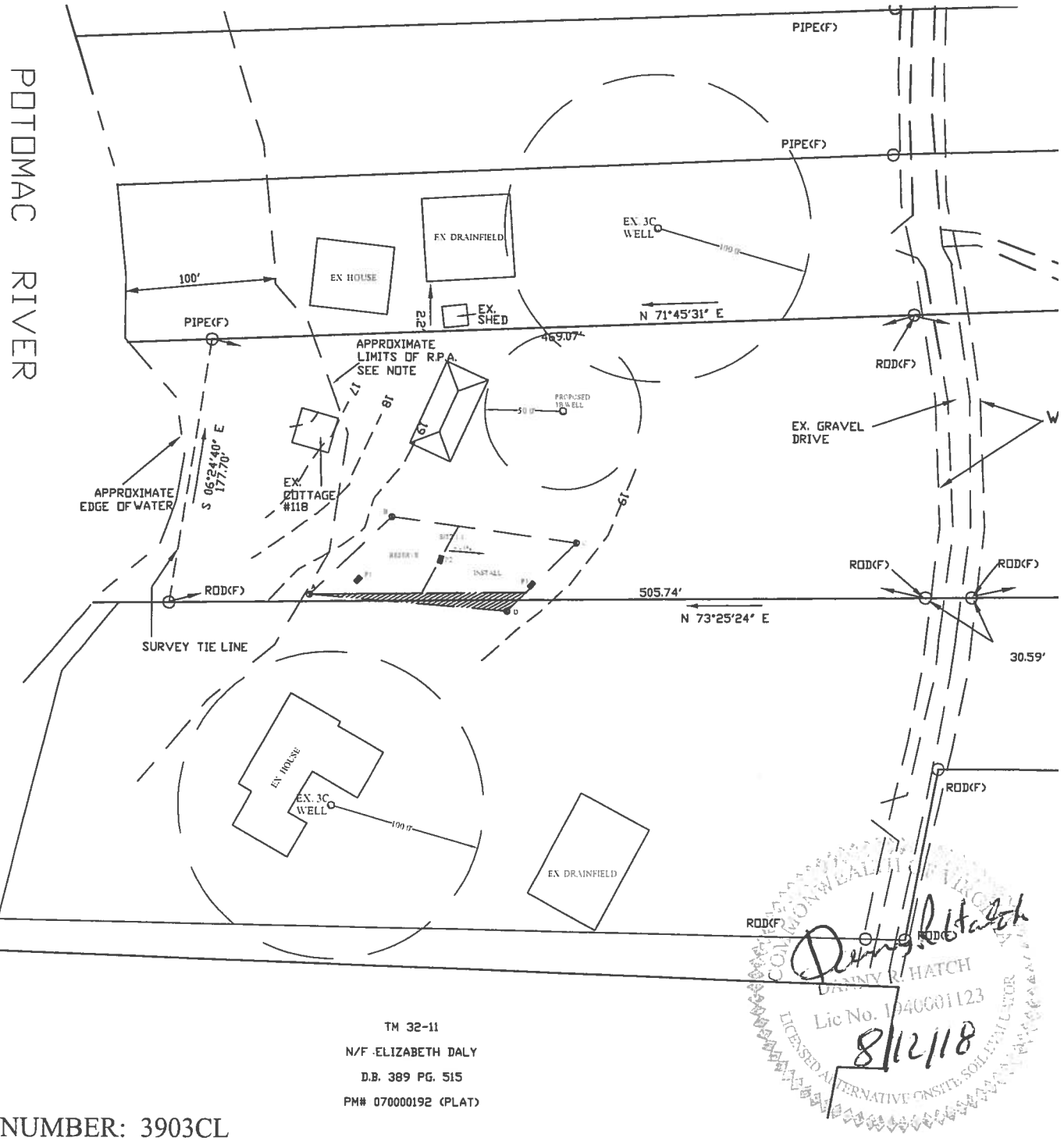


TM 32-11
N/F ELIZABETH DALY
D.B. 389 PG. 515
PM# 070000192 (PLAT)

0' 100' 200' 300'

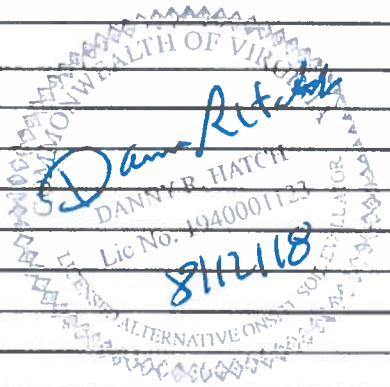
JOB NUMBER: 3903CL
August 10, 2018
DRAWN BY: pmp

COMMONWEALTH OF VIRGINIA
DANNY R. HATCH
Lic No. 1040001123
LICENSED ALTERNATIVE ONSITE SOILS CONSULTANT
8/12/18

Abbreviated Design -TL3 to Drip Disposal

118 Waller Point Dr. - Site 1-1 - PRIMARY DESIGN

A.	a. Percolation design rate. (minutes per inch)*	80		
	b. Recommended drip tubing installation. (inches)	2		
	c. Depth to impervious strata/ or water table/ or limit of evaluation. (inches)	58	14	58
	d. Minimum separation distance required. (inches)	12	12	12
	e. Separation distances in inches provided in design (Ac-Ab).	56	12	56
	f. Slope (percentage)	1		
	g. Is the slope greater than 10, 20 or 30%?	No		
	i. If Ag is Yes, does 24 inches or greater to rock/impervious strata exist below Ab?	Yes		
	j. If no to Ai, add 17% more area for 10-19% slope, 33% for 20-29% slope, or 50% for 30-39% slope. If yes to Ai, add 17% more area for 20-29% slope, 33% for 30-39% slope, or 50% for 40-50% slope.	0		
B.	a.Design Type?	Advantex		
		Advantex		
	b.Soil Loading Rate, gpd/ft^2	0.21		
C.	a. Number of bedrooms.	4		
	b. Gallons per day in design	600		
D.	a. Average Length of run. (feet)	51		
	b. Length of available area. (feet)	48-52		
E.	Width of drip tubing. (inch)	1		
F.	Number of runs.	29		
G.	Center-to-center spacing. (feet)	2		
H.	a. Width required (G(F-1)+1) (feet)	57		
	b. Width of available area. (feet)	60		
I.	a. Total square footage required	2857		
	b. Total square footage with slope increase Ia x Aj	2857		
	c. Total square footage in design (Da x Ha)	2907		
J.	a. Linear feet of drip tubing required	1429		
	b. Linear feet of drip tubing provided	1479		
K.	a. Is a reserve area required? Yes	X	No	
	b. Percent required	100%		
	c. Percent available	100%		
	Notes: Estimated infiltration rate is 45 mpi. System to be designed on 80 mpi.			

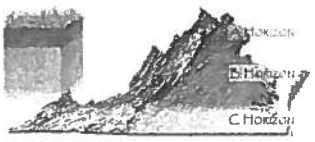


Abbreviated Design -TL3 to Drip Disposal

118 Waller Point Dr. - Site 1-1 - RESERVE DESIGN

A.	a. Percolation design rate. (minutes per inch)*	80		
	b. Recommended drip tubing installation. (inches)	2		
	c. Depth to impervious strata/ or water table/ or limit of evaluation. (inches)	58	14	58
	d. Minimum separation distance required. (inches)	12	12	12
	e. Separation distances in inches provided in design (Ac-Ab).	56	12	56
	f. Slope (percentage)	1		
	g. Is the slope greater than 10, 20 or 30%?	No		
	i. If Ag is Yes, does 24 inches or greater to rock/impervious strata exist below Ab?	Yes		
	j. If no to Ai, add 17% more area for 10-19% slope, 33% for 20-29% slope, or 50% for 30-39% slope. If yes to Ai, add 17% more area for 20-29% slope, 33% for 30-39% slope, or 50% for 40-50% slope.	0		
B.	a.Design Type?	Advantex		
		Advantex		
	b.Soil Loading Rate, gpd/ft^2	0.21		
C.	a. Number of bedrooms.	4		
	b. Gallons per day in design	600		
D.	a. Average Length of run. (feet)	64		
	b. Length of available area. (feet)	51-76		
E.	Width of drip tubing. (inch)	1		
F.	Number of runs.	23		
G.	Center-to-center spacing. (feet)	2		
H.	a. Width required (G(F-1)+1) (feet)	45		
	b. Average Width of available area. (feet)	47		
I.	a. Total square footage required	2857		
	b. Total square footage with slope increase Ia x Aj	2857		
	c. Total square footage in design (Da x Ha)	2880		
J.	a. Linear feet of drip tubing required	1429		
	b. Linear feet of drip tubing provided	1472		
K.	a. Is a reserve area required? Yes	X	No	
	b. Percent required	100%		
	c. Percent available	100%		
	Notes: Estimated infiltration rate is 45 mpi. System to be designed on 80 mpi.			

COMMONWEALTH OF VIRGINIA
DANNY R. HATCH
LIC. NO. 1940001123
8/12/18
LICENSED ALTERNATIVE ONSITE SEWAGE SYSTEM OPERATOR



Dominion Soil Science

Water Mounding Evaluation Report

Date: August 10, 2018

Property Address: 118 Waller Point Dr., Stafford, VA

GPIN or Tax Map ID: 32-13

References:
Virginia Department of Health GMP 1995-02 (aka GMP #72)

Case Conditions:
The proposed sewage absorption areas are adjacent to one another with 1% slope. Redoxymorphic features were identified in the soil at 14".

A K_2 infiltration rate of 100 mpi has been estimated for the purpose of the water mounding evaluation.

The active and reserve area have been evaluated independent of each other.

Sewage Absorption Area Data:
Active Area, Site
Average L_c = 51'
Average L_f = 60'
A = 1.18
Q = J = gpd = 80.21 ft^3/day
Estimated Average K_1 = 0.33 ft/day
Estimated Average K_2 = 0.12 ft/day
Maximum Slope = 0.01

Reserve Area, Site
Average L_c = 47'
Average L_f = 64'
A = 1.36
Q = J = gpd = 80.21 ft^3/day
Estimated Average K_1 = 0.33 ft/day
Estimated Average K_2 = 0.12 ft/day
Maximum Slope = 0.01

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Phone: 540-737-1003 Fax: 540-737-1006

Calculations:
The analysis was performed using spread sheet calculations for the "Kahn" solution. The attached spread sheet indicates that water mounding will not occur under the proposed absorption areas.

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Phone: 540-737-1003 Fax: 540-737-1006

Khan et al. (1976) Analytical Solution
Guidance for Evaluation of Potential Groundwater Mounding Associated with Cluster and High-Density Wastewater Soil Absorption Systems
Colorado School of Mines; Golden, CO; January, 2005

Volume of Effluent Dispersed per Day =	600	gpd	
Number of Trenches in Dispersal Field (DF) =	1		Enter "1" for Drip or Pad
Dispersal Area Width (down slope =	60	ft	
Dispersal Area Length (across slope) =	51	ft	
Center-to-Center Trench Spacing =	0	ft	Enter "0" for Drip or Pad
Vadose Zone Permeability (K_1) =	0.3300	ft/day	(Approx. 45 mpi)
Restrictive Layer Permeability (K_2) =	0.1200	ft/day	(Approx. 100 mpi)
			K2 = 36.36% of K1 | K2 = 457.81% of q´
Installation Depth (see note to right for positive vs. negative) =	0.17	ft	Enter as a negative number for an above-grade installation or as a positive number for a below-grade installation
Depth to SHWT or WT =	1.17	ft	If no water table noted, enter depth to permeability-limiting strata
Minimum Vertical Separation Required: Total =	1.00	ft	Enter "1.5" for STE, "1.0" for TL-2 or TL-3 w/o disinfection, or "0.5" for TL-3 w/ standard disinfection (to avoid "Direct Dispersal" requirements
In situ Soil =	0.50	ft	Enter "1.5" for STE, "0.5" for TL-2 or TL-3 w/o disinfection, or "0.0" for TL-3 w/ standard disinfection
Maximum Allowable Mound Height =	0.00	ft	
<u>If Nearby Slope Cuts Through Restrictive Layer</u>			
Horizontal Distance from Center of DF to Exposed Restrictive Layer (L_s) =	0	ft	Leave as "0" if not applicable
<u>If Nearby Slope Does Not Cut Through Restrictive Layer</u>			
Horizontal Distance from Center of DF to Base of Slope (X_s) =	0	ft	Leave as "0" if not applicable
Restrictive Layer Depth at Base of Slope (H_s) =	0.00	ft	Leave as "0" if not applicable
Lateral Extent of Mound from DF Center (L) =	N/A	ft	
Maximum DF Half-Width to Prevent Slope Breakout (w_{max}) =	N/A	ft	
Maximum DF Width to Prevent Slope Breakout (W_{max}) =	N/A	ft	

Distance Increment 1.00 ft	Distance from Center of DF x (ft)	Mound Height H (ft)	(x^2)/(w^2)	(q´/K2)-((x^2)/(w^2))
Center of DF	0.0	**0.00**	0	0.218432849
	1.0	0.00	0.001111111	0.217321738
	2.0	0.00	0.004444444	0.213988405
	3.0	0.00	0.01	0.208432849
	4.0	0.00	0.017777778	0.200655071
	5.0	0.00	0.027777778	0.190655071
	6.0	0.00	0.04	0.178432849
	7.0	0.00	0.054444444	0.163988405
	8.0	0.00	0.071111111	0.147321738
	9.0	0.00	0.09	0.128432849
	10.0	0.00	0.111111111	0.107321738
	11.0	0.00	0.134444444	0.083988405
	12.0	0.00	0.16	0.058432849
	13.0	0.00	0.187777778	0.030655071
	14.0	0.00	0.217777778	0.000655071

DF Width (W) =	60	ft
DF Half-Width (w) =	30	ft
DF Length =	51	ft
DF Area =	3,060	sqft
Effluent Volume =	80.21	cuft/d
Effective Infil. Rate (q´) =	0.0262	ft/day
K_2/K_1 =	0.3636	
q'/K_2 =	0.2184	
$(q'/K_2)-1$ =	-0.7816	
K_2/q' =	4.5781	
$(K_1/K_2)^{0.5}$ =	1.6583	

For $0 \le x \le w$:
$H = w[(K_2/K_1)((q'/K_2)-1)((q'/K_2)-(x^2/w^2))]^{0.5}$
For $w \le x \le L$:
$H = ((K_2/K_1)^{0.5})(L-x)$

P 8 of 14

Khan et al. (1976) Analytical Solution
Guidance for Evaluation of Potential Groundwater Mounding Associated with Cluster and High-Density Wastewater Soil Absorption Systems
Colorado School of Mines; Golden, CO; January, 2005

Volume of Effluent Dispersed per Day =	600	gpd	
Number of Trenches in Dispersal Field (DF) =	1		Enter "1" for Drip or Pad
Dispersal Area Width (down slope =	47	ft	
Dispersal Area Length (across slope) =	64	ft	
Center-to-Center Trench Spacing =	0	ft	Enter "0" for Drip or Pad
Vadose Zone Permeability (K_1) =	0.3300	ft/day	(Approx. 45 mpi)
Restrictive Layer Permeability (K_2) =	0.1200	ft/day	(Approx. 100 mpi)
			K2 = 36.36% of K1 | K2 = 450.03% of q´
Installation Depth (see note to right for positive vs. negative) =	0.17	ft	Enter as a negative number for an above-grade installation or as a positive number for a below-grade installation
Depth to SHWT or WT =	1.17	ft	If no water table noted, enter depth to permeability-limiting strata
Minimum Vertical Separation Required: Total =	1.00	ft	Enter "1.5" for STE, "1.0" for TL-2 or TL-3 w/o disinfection, or "0.5" for TL-3 w/ standard disinfection (to avoid "Direct Dispersal" requirements
In situ Soil =	0.50	ft	Enter "1.5" for STE, "0.5" for TL-2 or TL-3 w/o disinfection, or "0.0" for TL-3 w/ standard disinfection
Maximum Allowable Mound Height =	0.00	ft	
If Nearby Slope Cuts Through Restrictive Layer			
Horizontal Distance from Center of DF to Exposed Restrictive Layer (L_s) =	0	ft	Leave as "0" if not applicable
If Nearby Slope Does Not Cut Through Restrictive Layer			
Horizontal Distance from Center of DF to Base of Slope (X_s) =	0	ft	Leave as "0" if not applicable
Restrictive Layer Depth at Base of Slope (H_s) =	0.00	ft	Leave as "0" if not applicable
Lateral Extent of Mound from DF Center (L) =	N/A	ft	
Maximum DF Half-Width to Prevent Slope Breakout (w_{max}) =	N/A	ft	
Maximum DF Width to Prevent Slope Breakout (W_{max}) =	N/A	ft	

Distance Increment 1.00 ft	Distance from Center of DF x (ft)	Mound Height H (ft)	(x^2)/(w^2)	(q´/K2)-((x^2)/(w^2))
Center of DF	0.0	**0.00**	0	0.222208949
	1.0	0.00	0.001810774	0.220398175
	2.0	0.00	0.007243096	0.214965853
	3.0	0.00	0.016296967	0.205911982
	4.0	0.00	0.028972386	0.193236563
	5.0	0.00	0.045269353	0.176939596
	6.0	0.00	0.065187868	0.157021081
	7.0	0.00	0.088727931	0.133481018
	8.0	0.00	0.115889543	0.106319406
	9.0	0.00	0.146672703	0.075536246
	10.0	0.00	0.181077411	0.041131538
	11.0	0.00	0.219103667	0.003105282
	12.0	0.00	0.260751471	-0.038542522
	13.0	0.00	0.306020824	-0.083811875
	14.0	0.00	0.354911725	-0.132702776

DF Width (W) =	47	ft
DF Half-Width (w) =	23.5	ft
DF Length =	64	ft
DF Area =	3,008	sqft
Effluent Volume =	80.21	cuft/d
Effective Infil. Rate (q´) =	0.0267	ft/day
K_2/K_1 =	0.3636	
q'/K_2 =	0.2222	
$(q'/K_2)-1$ =	-0.7778	
K_2/q' =	4.5003	
$(K_1/K_2)^{0.5}$ =	1.6583	

For $0 \le x \le w$:
$H = w[(K_2/K_1)((q'/K_2)-1)((q'/K_2)-(x^2/w^2))]^{0.5}$
For $w \le x \le L$:
$H = ((K_2/K_1)^{0.5})(L-x)$

9 of 14

Dominion Soil Science, Inc.
T: (540) 737-1003 F: (540) 737-1006

SOIL SUMMARY REPORT

GENERAL INFORMATION

Date: 6/18/2018 Submitted to: Stafford County Health Department

Owner: Micheal Shamari Telephone Number: (703) 587-4147

Address: 6723 Georgetown Pi. McLean, VA 22101

Agent: Micheal Shamari Address: 6723 Georgetown Pi. McLean, VA 22101

Property Location: 118 Waller Point Dr. Tax Map/GPIN: 32-13

Subdivision : Arkendale Blk/Sec: Lot: 13

1. Position in Landscape Satisfactory: ☑ Yes ☐ No

Describe: Summit

2. Slope: +/- 1 %

3. Depth to Rock or Impervious Strata: Max. >58" Min. None ☑

4. Depth to seasonal water table (gray mottling or gray color): Not Observed ☐ Yes ☑ 14

5. Free Water Present? ☑ No ☐ Yes Range: inches

6. Soil Percolation rate estimated: ☑ Yes Texture Group: I ☐ II ☑ III ☐ IV ☐

☐ No Estimated rate: 45 mpi

7. Permeability Test Performed? ☑ No ☐ Yes

If yes, note type of test performed and attached results. Test Type: NA

☑ Site Approved. Drainfield to be placed at 2 " depth at site designated on permit.

☐ Site Disapproved. See reasons for rejection.

Reasons for rejection:

1 ☐ Position in Landscape subject to flooding or periodic saturation.

2 ☐ Insufficient depth of suibable soil over hard rock.

3 ☐ Insufficient depth of suitable soil to seasonal water table.

4 ☐ Rates of absorption too slow.

5 ☐ Insufficient area of suitable soil for drainfield and/or reserve area.

6 ☐ Proposed system to close to well.

7 ☐ Other (Specify Below. Add additional pages if necessary)

Additional Notes: ***Site # 1-1, Note: design system on 80 mpi due to landscape & potential for water mounding.***

Dominion Soil Science
T: (540)737-1003 F: (540)737-1006

SOIL PROFILE DESCRIPTION REPORT

Date of Evaluation 6-18-18 **Job. No.** 3903 **Site Number** 1-1

Where the local health department conducts the soil evaluation, the location of profile holes may be shown on the schematic drawing on the construction permit or the sketch submitted with the application. If soil evaluations are conducted by a private soil scientist, location of profile holes and sketch of the area investigated including all structural features, i.e. , sewage disposal systems, wells, etc., within 100 feet of site (See Section 4) and reserve site shall be shown on the reverse side of the this page or prepared on a separate page and attached on this form.

See application sketch **See construction permit** **(X) See sketch on reverse side or page attached to this form.**

Hole #	Horizon	Depth (inches)	Description of color, texture, etc	Texture Group
P-1	A	0-4	black (2.5Y2.5/1) very fine sandy loam; weak medium granular structure; friable.	IIb
	E	4-10	light olive brown (2.5Y5/4) very fine sandy loam; weak coarse subangular blocky structure; friable.	IIb
	Bt1	10-17	red (2.5YR5/6) loam; weak medium subangular blocky structure; few faint clay films; friable.	IIb
	Bt2	17-25	light olive yellow (2.5Y5/6) clay loam; few medium distinct light brownish gray (10YR6/2) iron depletions and few fine prominent yellowish red (5YR5/6) iron concentrations; moderate coarse prismatic structure; common faint clay films; friable.	III
	BCtg	25-37	gray (2.5Y6/1) iron depletions loam; common coarse distinct light olive yellow (2.5Y5/6) (parent material) mottles; weak coarse subangular blocky structure; few faint clay films; friable.	IIb
	C1	37-61	light gray (10YR7/2) iron depletions and yellowish brown (10YR5/8) sandy loam; massive structure; very friable.	IIb
P-2	A	0-3	black (2.5Y2.5/1) very fine sandy loam; weak medium granular structure; friable.	IIb
	E	3-9	light olive brown (2.5Y5/4) very fine sandy loam; weak coarse subangular blocky structure; friable.	IIb
	Bt1	9-14	red (2.5YR5/6) loam; weak medium subangular blocky structure; few faint clay films; friable.	IIb
	Bt2	14-22	light olive yellow (2.5Y5/6) loam; few medium distinct light brownish gray (10YR6/2) iron depletions and few fine prominent yellowish red (5YR5/6) iron concentrations; moderate medium subangular blocky structure; common faint clay films; friable.	IIb
	BCtg	22-34	gray (2.5Y6/1) iron depletions loam; common coarse distinct light olive yellow (2.5Y5/6) (parent material) mottles; weak coarse prismatic structure; few faint clay films; friable.	IIb
	C1	34-58	light gray (10YR7/2) iron depletions and yellowish brown (10YR5/8) fine sandy loam; massive structure; very friable.	IIb

Dominion Soil Science
T: (540)737-1003 F: (540)737-1006

SITE 1-1 CONTINUED

Hole #	Horizon	Depth (inches)	Description of color, texture, etc	Texture Group
P-3	A	0-3	black (2.5Y2.5/1) very fine sandy loam; weak medium granular structure; friable.	IIb
	E	3-11	light olive brown (2.5Y5/4) very fine sandy loam; weak coarse subangular blocky structure; friable.	IIb
	Bt1	11-16	red (2.5YR5/6) loam; weak medium subangular blocky structure; few faint clay films; friable.	IIb
	Bt2	16-26	light olive yellow (2.5Y5/6) loam; few medium distinct light brownish gray (10YR6/2) iron depletions and few fine prominent yellowish red (5YR5/6) iron concentrations; moderate medium subangular blocky structure; common faint clay films; friable.	IIb
	BCtg	26-43	gray (2.5Y6/1) iron depletions clay loam; common coarse distinct light olive yellow (2.5Y5/6) (parent material) mottles; weak coarse prismatic structure; few faint clay films; friable.	III
	C	43-58	light gray (10YR7/2) iron depletions and yellowish brown (10YR5/8) fine sandy loam; massive structure; very friable.	IIb

COMMONWEALTH OF VIRGINIA
DANNY R. HATCH
NO: 3401000261
8/12/18
LICENSED PROFESSIONAL SOIL SCIENTIST

COMMONWEALTH OF VIRGINIA
DANNY R. HATCH
Lic No. 1940001123
8/12/18
LICENSED ALTERNATIVE ONSITE SOIL SYSTEM OPERATOR

Addendum to AOSE/PE Certification Statement
For Private Well Construction Permit

The proposed well site shown herein,

[X] 1. Is located a minimum of 50 feet from all property lines.

[ ] 2. Is located within 50 feet of the adjacent property line(s) but I have determined that the adjacent property is not used for an agricultural operation.

- [ ] i. Written affirmation from the adjacent property owner(s) that their property is not used for an agricultural operation.
- [ ] ii. Other confirmation that land use is not an agricultural operation, please describe:

_____

_____

_____

[ ] 3. Is located within 50 feet of the adjacent property line where the property is used for an agricultural operation. For confirmation, I have attached the appropriate documentation pursuant to § 32.1-176.5:2 of the *Code of Virginia*. (check one below)

- [ ] i. Written permission from the adjacent property owner's) for the well construction.
- [ ] ii. I certify that no other site on the property complies with the Board's Regulations for the construction of a private well.

Proposed Well Site is located within 50 feet of an Adjacent Property Line(s)

Property is not used for an Agricultural Operation

Statement for Adjacent Property Owner(s):

I affirm that my property is not used for an Agricultural Operation as defined in § 3.1-22.29 of the *Code of Virginia*.

_____ _____

Signature of Property Owner Date

Proposed Well Site is located within 50 feet of an Adjacent Property Line

Property is used for an Agricultural Operation

Appropriate documentation to comply with § 32.1-176.5:2 of the *Code of Virginia:*

Written Permission

I grant permission for the construction of the proposed private well described herein which is within 50 feet of my property line.

_____ _____

Signature of Property Owner Date