

Completion Statement

Commonwealth of Virginia
State Department of Health

NAME: DAN JOSSELYN

Health Department
Identification Number TM 49-37H
WESTMORELAND CO Health Department

Name of Company/Corporation/Individual: W.C. LOWERY, INC.

Address: PO BOX 748 CALLAO 22435 Telephone: 529-6210

Owner's Name MATTHEW NANNY

Owner's Address 163 ARLINGTON FARM RD., KINGSLEY, VA

Location of Installation: Lot _____ Block _____

Section _____ Subdivision: _____

Other: SAME

I Hereby certify that the onsite sewage disposal system has been installed and completed in accordance with the construction permit issued (date) 12/23/20 and is compliance with Part D of the Sewage Handling and Disposal Regulation and when appropriate the plans and specifications of the project.

Date 12/23/20 Signature and Title [Signature]

C.H.S. 203 Rev. 4/83



COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
03-31-2021

NUMBER
1944001740

BOARD FOR WATERWORKS AND WASTEWATER WORKS OPERATORS
AND ONSITE SEWAGE SYSTEM PROFESSIONALS
ONSITE SEWAGE SYSTEM INSTALLER LICENSE
MASTER ALTERNATIVE



WARREN CARTER LOWERY JR
PO BOX 748
CALLAO, VA 22435



Status can be verified at <http://www.dpor.virginia.gov>

[Signature]
Mary Brock Vaughn, Acting Director



Westmoreland County Health Department
 PO BOX 303
 Montross, Virginia 22520
 (804) 493-1235 Voice
 (804) 493-9404 Fax

***OSE Construction Permit
 Voluntary Upgrade***

Sewage Contractors: Please notify Health Department and OSE or PE 48 hours prior to installation to arrange for inspection

November 17, 2020

Matthew Nanny
 163 Arlington Farm Drive
 Kinsale, VA 22488

RE: 163 Arlington Farm Drive, Kinsale, VA 22488
Tax Map: 49-37H (Westmoreland County)
HDID: 196-20-0109 **Reserve:** no reserve area provided
System Capacity: Residential, 3 Bedrooms, 450 gallons per day

Dear Matthew Nanny:

This letter and the attached drawings, specifications, and calculations (9 pages) dated October 1, 2020, constitute your permit to upgrade the existing sewage disposal system on the property referenced above. Your application for a permit was submitted pursuant to §32.1-163.5 of the Code of Virginia, which requires the Health Department to accept private soil evaluations and designs from an Onsite Soil Evaluator (OSE) or a Professional Engineer working in consultation with an OSE for residential development. VDH is not required to perform a field check to verify the private evaluations of OSEs or PEs and such a field check may not have been conducted for the issuance of this permit.

The soil absorption area ("site"), sewage system design was certified by **Josselyn, Daniel F. Private OSE** as substantially complying with the Board of Health's regulations (and local ordinances if the locality has authorized the local health department to accept private evaluations for compliance with local ordinances). This permit is issued in reliance upon that certification. VDH hereby recognizes that the soil and site conditions acknowledged by this permit are suitable for the installation of an onsite sewage system. The attached plat shows the approved area for the sewage disposal system; there are additional records on file with the Westmoreland County Health Department pertaining to this permit, including the Site and Soil Evaluation Report. This construction permit is null and void if any substantial physical change in the soil or site conditions occurs where a sewage disposal system is to be located.

If modifications or revisions are necessary between now and when you install the septic system upgrades, please contact the OSE/PE who performed the evaluation and design on which this permit is based. Should revisions be necessary during construction, your contractor should consult with the OSE/PE that submitted the site evaluation or site evaluation and design. The OSE/PE is authorized to make minor adjustments in the location or design of the system at the time of construction provided adequate documentation is provided to the Westmoreland County Health Department.

The OSE/PE that submitted the certified design for this permit is required to conduct a final inspection of this sewage system when it is installed and to submit an inspection report and completion statement. As the owner, you are responsible for giving reasonable notice to the OSE/PE of the need for a final inspection. If the designer is unable to perform the required inspection, you may provide an inspection report and

completion statement executed by another OSE/PE. The Westmoreland County Health Department is not required to inspect the installation but may perform an inspection at its sole discretion. No part of this installation shall be covered until it has been inspected by the OSE/PE as noted herein. The sewage system may not be placed into operation until you have obtained an Operation Permit from the Westmoreland County Health Department.

This Construction Permit is null and void if conditions are changed from those shown on your application or if conditions are changed from those shown on the Site and Soil Evaluation Report and the attached construction drawings, specifications, and calculations. VDH may revoke or modify any permit if, at a later date, it finds that the site and soil conditions and/or design do not substantially comply with the Sewage Handling and Disposal Regulations, 12 VAC 5-610-20 et seq., or if the system would threaten public health or the environment.

This permit approval has been issued in accordance with applicable regulations based on the information and materials provided at the time of application. There may be other local, state, or federal laws or regulations that apply to the proposed construction of this onsite sewage system. The owner is responsible at all times for complying with all applicable local, state, and federal laws and regulations. This construction permit is transferrable until expired or deemed null and void. A permit transfer form may be found on the VDH website at

<http://www.vdh.virginia.gov/environmental-health/gmp-2015-01-forms/>.

If you have any questions, please contact me.

This permit expires: **May 17, 2022.**

Sincerely,


David Harrison
Environmental Health Specialist, Sr.
Westmoreland County Health Department

CC: Josselyn, Daniel, OSE

The upgrades specified in this permit are voluntary and not required by law. Any permits issued pursuant to this section shall be subject to the provisions of §32.1-164.1:1. Voluntary upgrade decisions are independent of VDH approval for future construction activities pursuant 32.1-165 of the Code of Virginia and do not commit VDH to future decisions concerning sewage system approvals.

Daniel's Soil & Septic Service
15571 Windmill Lane
King George, VA 22485
(540) 424 - 3776

AOSE Report
for voluntary Upgrade Permit



Location of property Westmoreland County
Tax map # 49-37H
163 Arlington Farm Drive Kinsale, VA 22488

Applicant or Client and address:

Prepared by AOSE

Matthew Nanny
163 Arlington Farm Drive
Kinsale, VA 22488
matthew_nanny98@gmail.com

Daniel Josselyn #1940-001274
15571 Windmill Lane
King George, VA 22485
kgdirt@gmail.com

Date of Report: October 1, 2020

Revision Date:

Health Dept ID No.

196-20-0109

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| 1. Cover / certification page. | 9. Plat |
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| 6-8. Existing system evaluation | |

Certification Statement

I hereby certify that the evaluations and/or designs contained herein were conducted in accordance with the Sewage Handling and Disposal Regulations (12 VAC5-610), the Private Well Regulations (12 VAC5-630) and other applicable laws, regulations and policies implemented by the Virginia Department of Health. I further certify that I currently possess 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 conventional and alternative systems has been discussed with the property owner.

Engineering addendum

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 a voluntary upgrade permit be granted


Daniel Josselyn #1940-001274

Commonwealth of Virginia
Application for a Sewage Disposal and/or Water Supply Permit

Health Department ID 196-20-0109

To Be Completed By The Applicant

Type of sewage system: Expansion

Owner: Matthew Nanny

Address: 163 Arlington Farm Drive
Kinsale, VA 22488

Phone: (254) 205-5438

Agent: Daniel F. Josselyn

Address: 15571 Windmill Lane
King George, VA 22485

Phone: (540) 424-3776

Subdivision: N/A

Property Address: 163 Arlington Farm Drive Kinsale, VA 22488

Other Property Identification: Tax parcel #49-3711

Dimensions/size of lot/Property:

Other Application Information

I.	Building/facility	<u>X</u> New	<u> </u> Existing	
	Intermittent Use	<u> </u> Yes	<u>X</u> No	If Yes, describe <u> </u>
II.	Residential Use	<u>X</u> Yes	<u> </u> No	
	Termite Treatment	<u>X</u> Yes	<u> </u> No	
		<u>X</u> Single Family	<u> </u> Multi-family	
		(# of bedrooms <u>3</u>)	(# of bedrooms <u> </u>)	
	Basement	<u> </u> Yes	<u>X</u> No	
	Fixtures in Basement	<u> </u> Yes	<u>X</u> No	
III.	Commercial Use	<u> </u> Yes	<u>X</u> No	Describe: <u> </u>
	Commercial/Wastewater	<u> </u> Yes	<u>X</u> No	Number of Patrons <u> </u>
				Number of Employees <u> </u>
	If yes, give volumes and Describe <u> </u>			
IV.	Water Supply	<u> </u> Public	<u> </u> New	<u> </u> Existing
		<u>X</u> Private	<u> </u> New	<u>X</u> Existing
	Describe: <u>Existing private drilled well</u>			
V.	Proposed Sewage Disposal Method: <u>Repair</u>			
	Onsite Sewage Disposal System:	<u>X</u> Septic Tank	<u> </u> Drainfield	
		<u> </u> TL-2		
		<u> </u> TL-3		

NOTE: The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give my permission to the Department to enter onto the property described for the purpose of processing this application.

Matthew Nanny
Signature of Owner/Agent

10/7/2020
Date

Donel's Soil and Septic Service
12571 Windmill Lane
King George, VA 22485
(540) 424-3776

Page 2 of 2

Sewage Disposal System Construction Specifications

General Information

Conventional-Septic tank replacement

Owner: Matthew Nanny

Telephone: (254) 205-5438

Address: 163 Arlington Farm Drive Kinsale, VA 22488

For a Type 1 Sewage disposal system which is to be constructed on/at Tax Map: # 49-37H

Location: 163 Arlington Farm Drive Kinsale, VA 22488

Actual or estimated water use (3 Bedrooms) 450 gals/day

Design

Water Supply: Existing private well

Building Sewer:

4 inch I.D. PVC 40

Slope 1.25" per 10' (minimum)

Other: Replace cast iron with SCH-40 PVC. Install clean-out just outside of building foundation

Septic Tanks: Replace

Other: Remove existing tanks and replace with 2 new 1000 gal. concrete or 1,000 gal. plastic tanks

Inlet-outlet structure:

4" SCH40 PVC,

X Other see page 5

LGM/ French drain

No X Yes

Conveyance Line: Replace

Replace cast iron with 4" SCH 40 PVC

Distribution box: Existing

Precast concrete or plastic with 8+ ports.

X Other Install Monster box or 4" SCH-40 PVC clean-out adjacent to the dist. Box (cap to remain visible at grade)

Header lines: Existing

Material: 4" I.D. 1500lb. Crush strength plastic or equivalent from distribution box to 2' into absorption trench.

Slope 2' minimum.

Percolation lines Existing

Gravity 4" plastic 1000lbs. Per foot bearing load or equivalent, slope 2"4" (min. max) per 100'

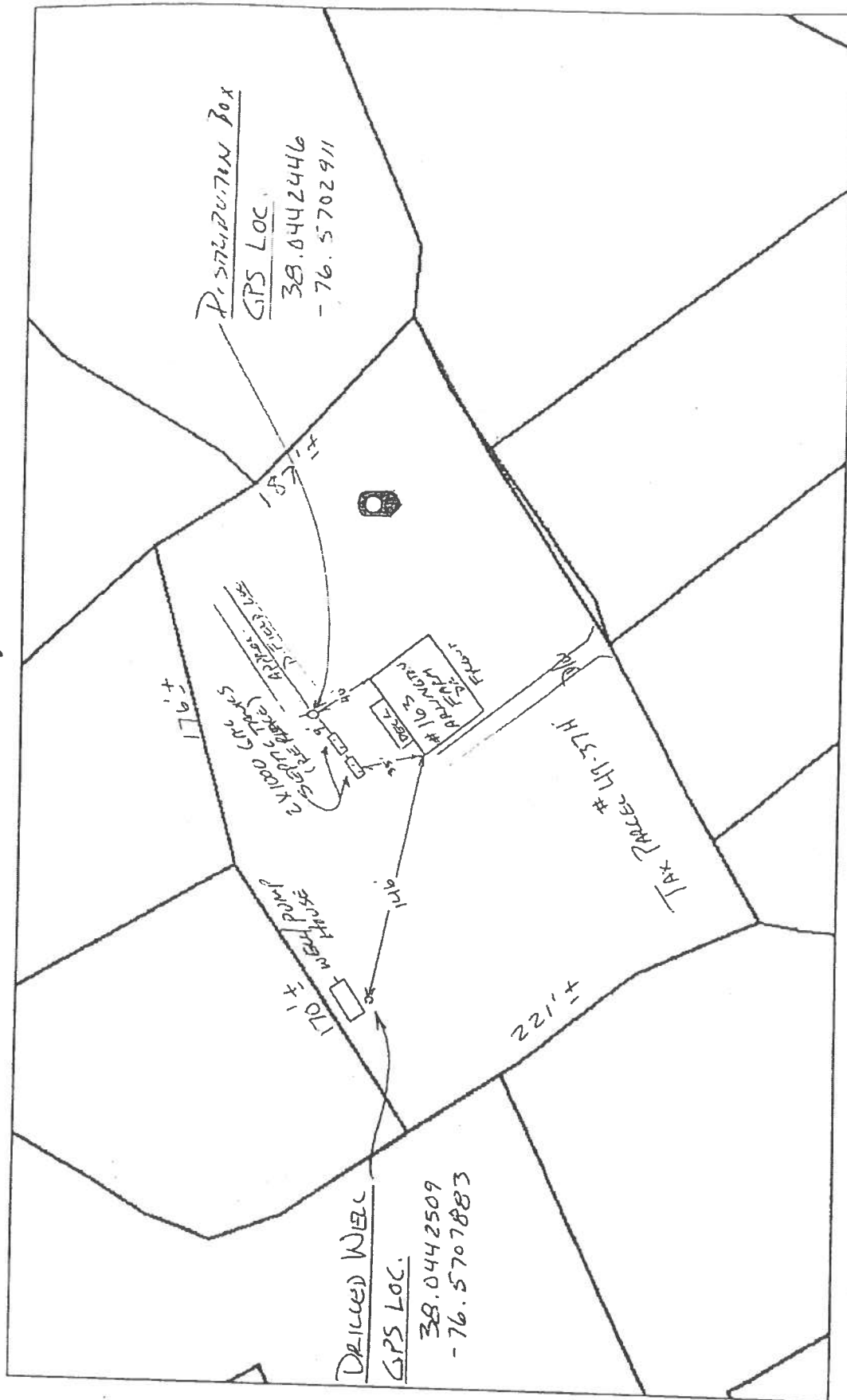
Absorption trenches: Existing

Square ft. existing ; Depth from ground surface to bottom of trench inches;

Number of trenches ; Trench length 0 feet; Trench width feet; Center to center spacing 9';

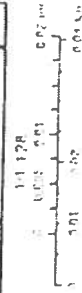
Depth of aggregate 13" min., Size of gravel 1/2" to 1 1/2" Ave. Dia.

Nanny



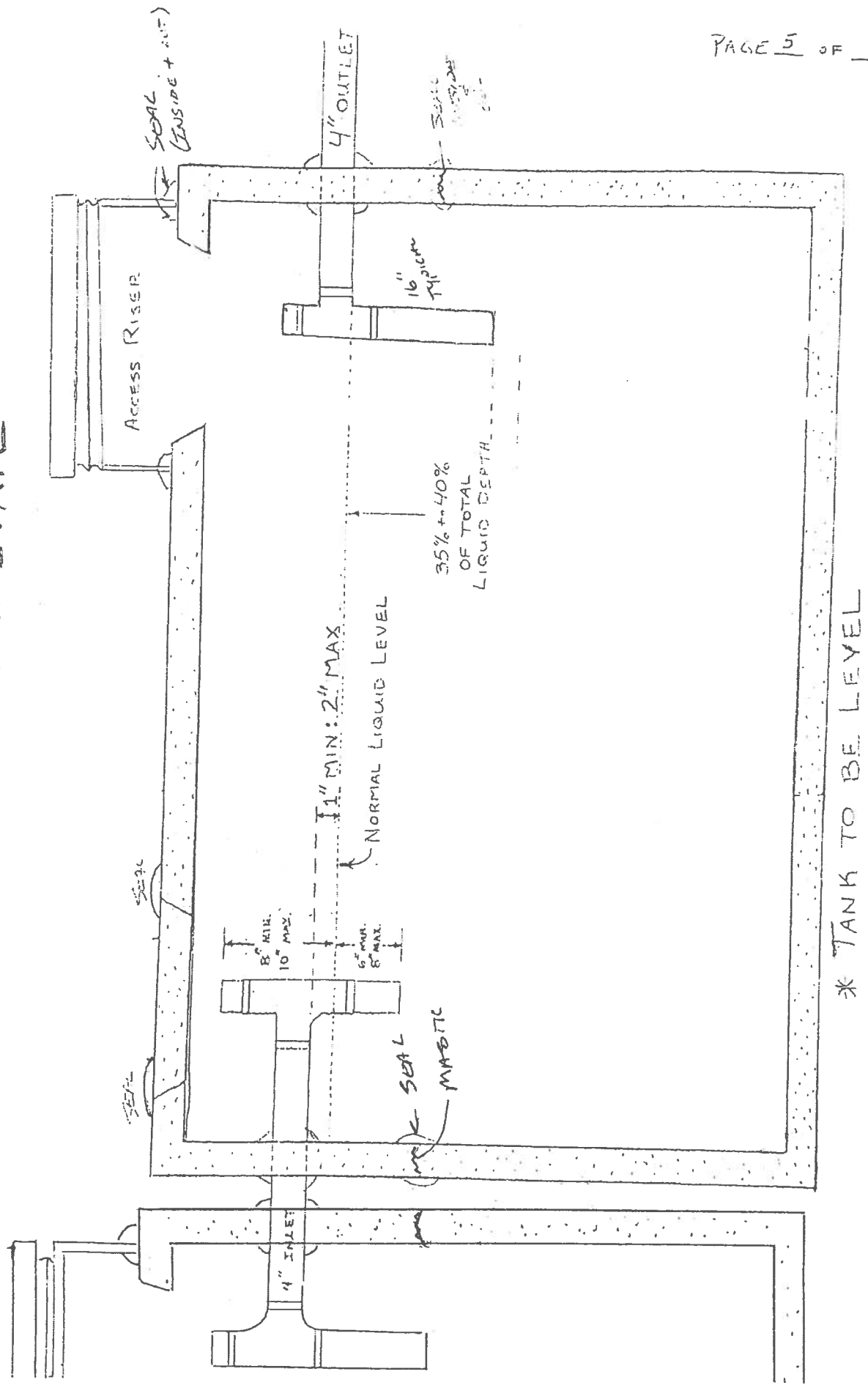
Parcels

Shoreline

[illegible]

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SEPTIC TANK DETAIL



Existing System Evaluation

VDH Use Only
 HDIN: 196-20-0109
 VPDES GP: _____

Owner and Application Information Repair ☒ Voluntary Upgrade
 Name: MATTHEW NANNY Phone Number: 254 205-5438
 Address: 163 ARLINGTON FARM DR. KINSALE VA 22488
 Email: MATTHEW.NANNY@GMAIL.COM

System Location
 Address: 163 ARLINGTON FARM DR KINSALE VA 22488
 Tax Map/GPIN #: 49-3717
 Subdivision: _____ Section: _____ Block: _____ Lot: _____
 Directions: JACKSON TO ARL. FARM DR TO #163

System File Information
 Permit Type: ☒ Onsite Disposal ☐ Stream Discharging System
 Property Type: RESIDENTIAL
 Permitted Design Flow: 450 gpd Permitted #Bedrooms: 3
 System Type: ☒ Conventional ☐ Alternative If Alternative, Treatment Mfg. & Model:
 Dispersal Method: ☒ Gravity ☐ Pump to Gravity ☐ LPD ☐ Drip
 Dispersal Media: ☒ Gravel ☐ Gravelless Material ☐ Tire Chips ☐ Sand
 Gravelless Type: _____ Notes: _____
☐ Attach a Copy of As-built drawing or drawing of system layout

Existing System Evaluation

Failure Observed or reported by owner: ☐ Yes ☐ No ☐ Backup into home ☐ Effluent on the ground surface

If failure observed or reported by owner, REPAIR permit REQUIRED.

Number of Occupants: 2.5 Date System Installed: UNKNOWN

Current Use: RESIDENTIAL Current Number of Bedrooms: 3

Has property been occupied during previous 30 day period? ☒ Yes ☐ No

Garbage Disposal: ☐ Yes ☒ No Water Softener: ☐ Yes ☒ No Jacuzzi/Hot Tub: ☐ Yes ☒ No

Date of Last Septic Tank Pump Out: 6/2020 Date of Last Operator Visit: _____

Component Status (place check under appropriate box)

Component	Present	Inspected	Functional	Non-Functional	Observations/Comments
Sewer Line					
Septic Tank					
Septic Tank Tees					
Treatment Unit					
Pump Chamber					
Pump					
Disinfection					
Conveyance Line					

D-Box					
Splitter Manifold					
Header Trench					
Dispersal Pipe					
Dispersal media					
Dispersal Field					
Other					
Other					
Additional Analyses					
Analysis	Needed	Conducted	Observations/Comments		
Flow					
Wastewater Sample					
Dye Test					
Other					

Additional Comments and Observations:

TANKS, D-BOX & FIELD INSPECTED BY OTHERS.
 TANKS(x2) FOUND DEFICIENT. MONIES IN ESCROW,
 FROM SEWER, TO COVER COST OF REPLACEMENT.
 TANK REPLACEMENT IS CONDITION OF SALE/RECEIPT
 TRANSFER.

Sketch, if applicable:

Recommended Action: ☐ Repair

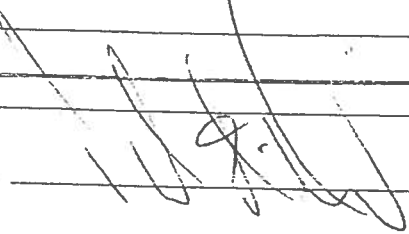
Identify Probable Cause of Component Malfunction (check all that apply):

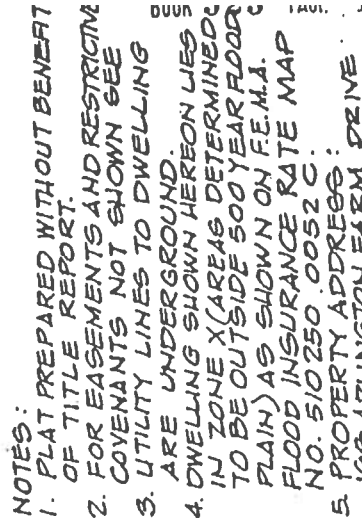
☐ Unknown: ☒ Damaged/Compromised ☐ Deterioration ☐ Hydraulic Overload ☐ Organic Overload ☐
Improper Maintenance ☐ Root Infiltration

Describe temporary corrective recommended action(s) and purpose of action(s): _____

Describe Permanent recommended action(s) and purpose of action(s): REPLACE SEPTIC TANK.PROPERLY ABANDON OR COMPLETELY REMOVE OLD TANKS

Form Completed By:

Name: DANIEL F. JOSSELYN Signature: Date: OCT 1, 2020Professional License Type and Number: MAASE 1940-001274



RECORDED FOR INFORMATION

James P. Funkhouser, AICP
Trenton Zoning Administrator, Secretary
Dated May 10, 2002
00-RS-13

PLAT SHOWING
HOUSE LOCATION ON
LOTS 8 & 10
ARLINGTON FARM
WEST - WESTMORELAND COUNTY, PA
SCALE 1" = 1'

AKLINGTON PARK
COPEL DISTRICT - WESTMORELAND COUNTY, VIRGINIA
MAY 4, 2000
SCALE 1" = 50'

RICHARD B. ALLISON, JR. and ASSOCIATES
Civil Engineering • Land Surveying • Land Planning
P.O. Box 354, Montross, Virginia 22520, (804) 493-9066

C = 70.30'
CH. BRG. = N15°28'49"W

CURVE DATA |
R=187.50'
L=78.96
T=40.77
 $\Delta=24^{\circ}07'43''$
C=70.39'

40327854 R

No. 1838

5-4-00
LAND SURVEY

TM 49 PARCEL 37K
DB 234 PG 104

N 61° 51' 23" E
106.69'

PUMP HOUSE

SOIL DRIVEWAY

123.4

18.55

TM 49 PARCEL 37P
DB 386 PG 301

N 81° 05' 00" E
149.02'

50' R.

TM 49 WANDA L. WOODBURN
PARCEL 37D

N 63° 35' 04" E
25.01'

S 28° 16' 03" E
66.77'

10

METAL BUILT

SEPTIC TANKS

EXIST D.F.E
WAT

149 PARCEL 37H
DB 469 PG 01

8

TAL AREA
2709 AC.

TM 49 PAR. 37J
DB 469 PG 01

DECK
1 1/2 STORY
BRICK
36.8'

BRICK STOMP
& WALK

3

JENNINGS C. &
DORIS K. BURTON
TM 49 PAR 37E
DB 454 PG 57D

11/17/2020 AS BUILT
EXIST D.F.E.

7 LINES
100' CONC
2' WIDE
6" O-C
24" - 36" DEEP

N 31° 56' 30" W

84.7'

25.18'

TEL. POLE

564° 56'

25" W

385.07'

203.10'

181.97'

ING

19P 50-FT. RIGHT-OF-WAY

LINGTON

FARM DRIVE

POLE