

Commonwealth of Virginia

Eastern Shore Health District

Accomack County Health Department
23191 Front Street
PO Box 177
Accomac, VA 23301-0177

Phone (757) 787 5880 or 824-5616
Fax (757) 787-5841

Northampton County Health Department
7114 Lankford Highway
PO Box 248
Nassawadox, VA 23413-0248

Phone (757) 442-6228
Fax (757) 442-4307

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November 22, 2019.

Issued under §32.1-163.6 of the Code of Virginia

Frederick H. Chandler, Jr. TR & Jennie R. Chandler TR
209 East Williamsburg Road
Sterling, VA 20164

RE: Tax Map#: 31A((2))19E. Lot 19E, Piney Island subdivision.
HDID#: 19-100-0416

Dear Mr. & Mrs. Chandler:

This **Certification Letter** is issued in lieu of a sewage disposal system construction permit in accordance with §32.1-163, et seq., of the Code of Virginia. The Board of Health hereby recognizes that the soil and site conditions acknowledged by this correspondence, and documented by additional records on file at the local health department, are suitable for the installation of an onsite sewage disposal system. The attached site drawing shows the approved area for the sewage disposal system. This letter is valid until a permit for construction is issued and the system is installed, inspected and approved. This letter is void if there is any substantial physical change in the soil or site conditions where the sewage disposal system is to be located.

The application for a certification letter 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. The site for an individual onsite sewage system was certified as being in compliance with the Board of Health's regulations by: Arthur T. Nielsen, PE. This letter is issued in reliance upon that certification.

A permit to construct the sewage disposal system must be issued before construction of the system. If the property owner (current or future) applies for a construction permit within 18 months of the date of this letter, the application fee paid for this letter shall be applied to any state fees for a permit to construct a sewage disposal system. After 18 months, the applicant is responsible for paying all state fees for a permit application.

This letter, and accompanying site drawing showing the specific location of the sewage disposal system area may be recorded in the land records by the clerk of the circuit court in the jurisdiction where all or part of the site or proposed site of the system is to be located. The site shown on the site drawing is specific and must not be disturbed or encroached upon by any construction. To do so voids this letter. Upon the sale or transfer of the land that is the subject of this letter, the letter shall be transferred with the title to the property.

Future owners are advised to review the plat for the location of the onsite sewage disposal area to make sure their building plans do not interfere with the area. If they have any questions regarding the location of the area, they should contact the local health department for assistance.

The area evaluated, and certified by this letter, is suitable to accommodate a 5 bedroom house using a system design of 750 gallons per day. A reserve area is not required. The property will be served by a public water supply as stated on the attached site drawing. Owners are further advised that when connection to a public water system is proposed and the public water system has reached its permitted capacity, a permit for construction may not be issued until such time that a connection is approved and available for use.

This letter is an assurance that a sewage disposal system construction permit will be issued (provided there have been no substantial physical changes in the soil or site conditions where the system would be located); however, it is not a guarantee that a permit for a specific type of system will be issued. The design of the sewage system will be determined at the time of application for a building permit and sewage system construction permit. The design will be based on the site and soil conditions certified by this letter, structure size and location, water well location (final determination to be made at time of permit issuance), the regulations in effect at the time, and any off-site impacts that may have occurred since the date of the issuance of this letter. In some cases, engineered plans may be required prior to issuance of the construction permit. In accordance with § 32.1-164.1:1 of the *Code of Virginia* owners are advised to apply for a sewage disposal construction permit only when ready to begin construction.

This certification letter 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. If you have any questions, please contact me.

Issued by:


Macwell Gillespie
Environmental Health Specialist Senior

Attn: Arthur T. Nielsen. PE
Robert Savage, OSE

#034283

218

Commonwealth of Virginia

Application for: ☒ Sewage System ☐ Water Supply

VDH Use only

Health Department ID# 19-100-0416

Due Date 11/15/19

Owner Frederick H. Chandler, Jr. TR & Jennie R. Chandler TR

Mailing Address 209 East Williamsburg Road

Sterling, VA 20164

Agent Savage Onsite Septic, LLC

Mailing Address P.O. Box 24

Painter, VA 23420

Site Address

Phone 703-598-8785

Phone

Fax

Phone 757-710-2681

Phone

Fax N/A

Email

Directions to Property: Chincoteague, VA -- Lot just past 5428 Oak Drive on right.

Subdivision Piney Island

Section

Block

Lot 19E

Tax Map 31A-2-19E

Other Property Identification

Dimension/Acreage of Property 0.35

Sewage System

Type of Approval: Applicants for new construction are advised to apply for a certification letter to determine if land is suitable for a sewage system and to apply for a construction permit (valid for 18 months) **only when ready to build.**

☒ Certification Letter ☐ Construction Permit ☐ Voluntary Upgrade ☐ Repair Permit ☐ Minor Modification

Proposed Use:

Single Family Home (Number of Bedrooms 5)

Multi-Family Dwelling (Total Number of Bedrooms)

Other (describe)

Basement? ☐ Yes ☒ NoWalk-out Basement? ☐ Yes ☒ NoFixtures in Basement ☐ Yes ☒ NoConditional permit desired? ☐ Yes ☒ No

If yes, which conditions do you want?

☐ Reduced water flow ☐ Limited Occupancy ☐ Intermittent or seasonal use ☐ Temporary use not to exceed 1 year

Do you wish to apply for a betterment loan eligibility letter? ☐ Yes ☒ No *There is a \$50 fee for determination of eligibility.

Water Supply

Will the water supply be ☒ Public or ☐ Private?Is the water supply ☒ Existing or ☐ Proposed?If proposed, is this a replacement well? ☐ Yes ☒ NoIf yes, will the old well be abandoned? ☐ Yes ☒ NoWill any buildings within 50' of the proposed well be termite treated? ☐ Yes ☒ No

Well Type (e.g. domestic use, agricultural, irrigation, etc.) Town of Chincoteague Public Water Supply

All Applicants

Is this property intended to serve as your (owners) principal place of residence? ☐ Yes ☒ No

All applications must be accompanied by private sector evaluations and designs, unless a petition for VDH services is approved. Is a Petition for Service form attached? ☐ Yes ☒ No

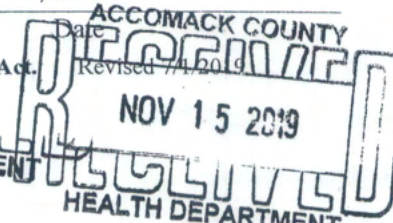
In order for VDH to process your application for a sewage system you must attach a plat of the property and a site sketch. For water supplies, a plat of the property is recommended and a site sketch is required. The site sketch should show your property lines, actual and/or proposed buildings and the desired location of your well and/or sewage system. When the site evaluation is conducted the property lines, building location and the proposed well and sewage sites must be clearly marked and the property sufficiently visible to see the topography. I give permission to the Virginia Department of Health to enter onto the property described during normal business hours for the purpose of processing this application and to perform quality assurance checks of evaluations and designs certified by a private sector Onsite Soil Evaluator or Professional Engineer as necessary until the sewage disposal system and/or private water supply has been constructed and approved.

Robert C. Savage For Savage Onsite Septic, LLC November 15, 2019
Signature of Owner/ Agent

This form contains personal information subject to disclosure under the Freedom of Information Act.

LR-7100

HEALTH DEPARTMENT



OSE/PE Report for:Construction Permit ☐Certification Letter ☒Subdivision Approval ☐**Property Location:**911 Address: N/A -- Not Yet AssignedCity: ChincoteagueLot 19E Section _____ Subdivision Piney IslandGPIN or Tax Map # 31A-2-19EHealth Dept ID # 19-100-0416

Latitude _____ Longitude _____

Applicant or Client Mailing Address:Name: Frederick H. Chandler TR & Jennie R. Chandler TRStreet: 209 East Williamsburg RoadCity: Sterling State VA Zip Code 20164**Prepared by:**

OSE Name _____ License # _____

Address _____

City _____ State _____ Zip Code _____

PE Name: Arthur T. Nielsen License # 12744Address P.O. Box 347City Onancock State VA Zip Code 23417-0347Date of Report 11/15/19

Date of Revision #1 _____

OSE/PE Job # _____

Date of Revision #2 _____

Contents/Index of this report (e.g., Site Evaluation Summary, Soil Profile Descriptions, Site Sketch, Abbreviated Design, etc.)
VDH Application _____

Site Plan _____

Schematic Drawing _____

AOSE Soil Evaluation Report _____

Survey Plat _____

Abbreviated Design Calcs _____

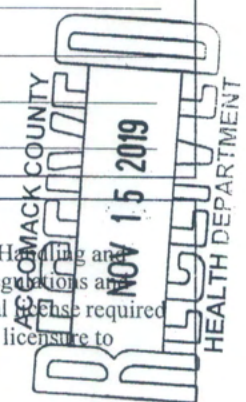
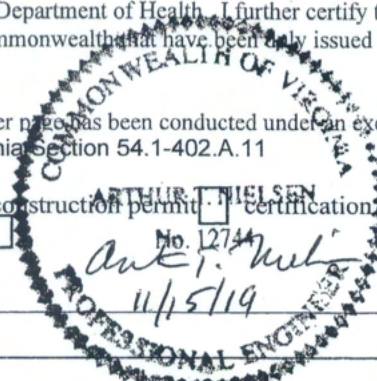
Certification Statement

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 all 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 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 (select one): construction permit ☐ certification letter ☒ subdivision approval ☐
be (select one) issued ☒ denied ☐

OSE/PE Signature _____ Date _____



SITE PLAN

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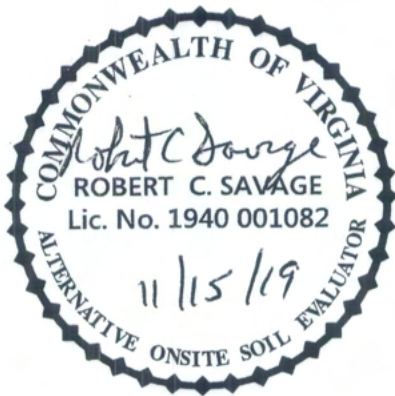
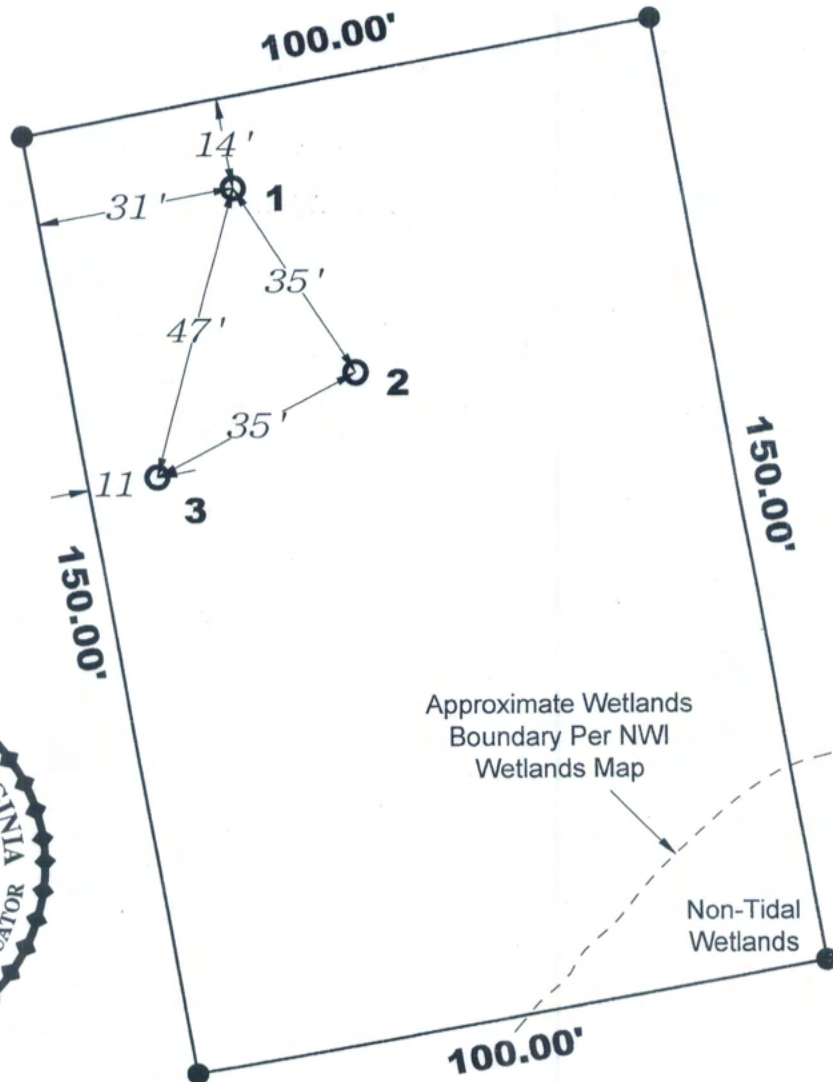
H.D.I. # 19-100-0416

Fred Chandler
Tax Map #: 31A-2-19E
Size: 0.35 Acre ±

Overhead
Electric Line

Underground
Water Line

OAK DRIVE



SOS

Savage Onsite Septic

Robert C. Savage, A.O.S.E.
P.O. Box 24
Painter, VA 23420
(757) 710-2681

SCALE: 1"=30'



Drafter: CMP

Commonwealth of Virginia

Soil Summary Report

Health Department ID# 19-100-0416 (VDH Use)

GENERAL INFORMATION

Date 10/8/2019 Submitted to: Accomack County Health Department

Applicant _____ Address _____ Phone _____

Owner Frederick H. Chandler, Jr. Address 209 East Williamsburg Road Phone _____

& Jennie R. Chandler TR Sterling, VA 20164

Directions to Property Chincoteague -- Lot just past 5428 Oak Drive on right.

Subdivision _____ Section _____ Block _____ Lot _____

Other Property Identification 0.35 Acre ± Tax Map No. 31A-2-19E

SOIL INFORMATION SUMMARY

1. Position in landscape satisfactory: X Yes _____ No Describe: Broad Flat

2. Slope: <1%

3. Depth to rock or impervious strata: _____ Max _____ Min X None

4. Depth to apparent seasonal water table: _____ No X Yes 0 Inches

5. Free water present: _____ No X Yes 38 Range (inches)

6. Soil percolation rate estimated: _____ No X Yes Texture Group I Rate 15 mpi

7. Percolation test performed: X No _____ Yes Measured Rate _____

☒ Site Approved
☐ Site Disapproved

Disposal Pad to be placed at: 0* inches depth on site designated on permit.

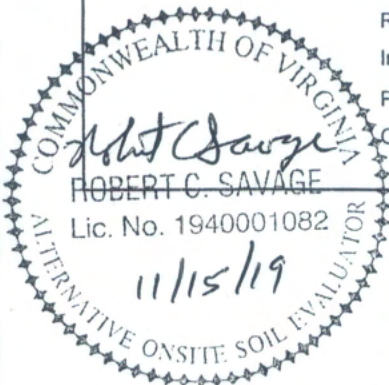
Note: Soils do not comply with the soil requirements of the *Sewage Handling & Disposal Regulations*. May be considered by a PE under the *AOSS Regulations*.

Reason for rejection:

Position in landscape subject to flooding or periodic saturation.
 Insufficient depth of suitable soil over hard rock.
 Insufficient depth of suitable soil over seasonal/apparent seasonal water table.
 Rates of absorption too slow.
 Insufficient area of acceptable soil for required Primary and/or Reserve Area Drainfield.
 Proposed system too close to well.

Other:

*0" = start depth of mound construction. A minimum of 6" of a specified fill material must be placed at grade (0" depth) and disposal pad components placed on top of this specified fill layer.



Profile Description

SOIL EVALUATION REPORT

Date of Evaluation: 10/08/2019

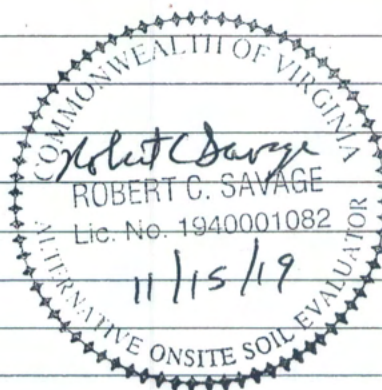
Health Department Identification No. 19-100-0416

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Where the local health department conducts the soil evaluation the location of the 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 this page or prepared on a separate page and attached to this form.

 See Application☐ See Construction permit☐ See sketch on the reverse side or page attached to this form[illegible]

Remarks:



Commonwealth of Virginia

Abbreviated Design Calculations

Health Department ID# 19-100 0416 (VDH Use)**PROPERTY IDENTIFICATION**

Name of property / site: Frederick H. Chandler, Jr. TR & Jennie R. Chandler TR

Subdivision _____ Section _____ Block _____ Lot _____

Other Property Identification 0.35 Acre ± Tax Map No. 31A-2-19E

DESIGN BASIS

A. Estimated percolation rate: 15 mpi

B. Pad square footage required: _____ (based on _____ Gravity or X LPD)

Per Bedroom _____

GPD/SQ Ft 1.5

C. Number of bedrooms: 5 (at 150 gallons/bedroom)

Other: _____ (at _____ gpd)

_____ (at _____ gpd)

_____ (at _____ gpd)

Total flow from bedrooms: 750 gpd

Total flows from other sources: 0 gpd

Total Sewage Flows = 750 gpd

AREA CALCULATIONS

D. Length of pad: 35 ft (length of available area 35 ft)

E. Width of pad: 15 ft

F. Number of trenches: N/A

G. Center-to-center spacing: N/A

H. Required width of pad: 15 ft (width of available area 15 ft)

I. Total area required: 500 sf

J. Square footage in design: 525 sf

K. Is a reserve area required? Yes X No: _____

Size: _____ % Area provided: _____

L. Type: **VDH-Approved TL-3 Effluent Sewage Disposal System with UV Disinfection**



CERTIFICATION LETTER

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H.D.I. # 19-100-0416

Fred Chandler
Tax Map #: 31A-2-19E
Size: 0.35 Acre ±

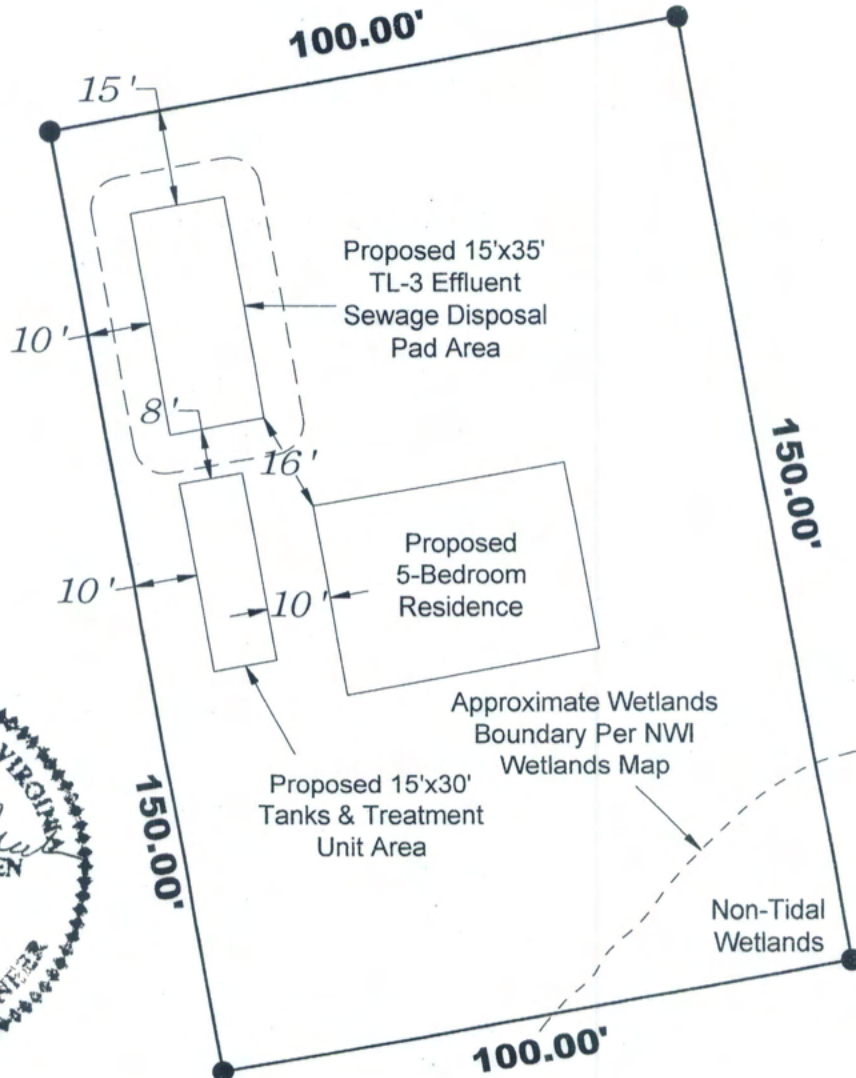
Overhead
Electric Line

Underground
Water Line

OAK DRIVE

Note:

- 1) Proposed sewage system site must be 10'+ from any permanent foundation
- 2) Property served by Town of Chincoteague Public Water Supply
- 3) Proposed sewage disposal system to be designed for a Five (5) bedroom residence



Nielsen Engineering
Services

Arthur T. (Tom) Nielsen
PE, BCE, MBA, MACFE

PO Box 347
Onancock, VA 23417-0347

Telephone (757) 787-2654
Fax (757) 787-7444

SCALE: 1"=30'



Drafter: CMP

