

Commonwealth of Virginia

Application for: ☒ Sewage System ☒ Water Supply

Owner GEORGE M. PETTIE

Mailing Address 1010 MASSACHUSETTS AVE NE
WASHINGTON DC 20002

Agent T.A. HOUSTON, JR

Mailing Address P.O. BOX 891 CULPEPER VA 22701

Site Address PINE HILL ROAD NETHERS VA

Directions to Property: 231 N. TO LT602 TO RT ON 707 PROPERTY .4 MI ON LT.

Subdivision _____ Section _____ Block _____ Lot #C
Tax Map 9-45 Other Property Identification _____ Dimension/Acreage of Property 8.46

VDH Use only

Health Department ID# _____

Due Date _____

Phone 202-405-0236

Phone _____

Fax _____

Phone _____

Phone 540-825-6262

Fax _____

Email _____

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

Proposed Use:

Single Family Home (Number of Bedrooms 3/4) Multi-Family Dwelling (Total Number of Bedrooms _____)

Other (describe) DIVISION LOT "TBD" TO BE DETERMINED

Basement? ☐ Yes ☒ No TBD Walk-out Basement? ☐ Yes ☒ No TBD Fixtures in Basement ☐ Yes ☒ No TBD

Conditional 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 ☒ No

If yes, will the old well be abandoned? ☐ Yes ☒ No

Will any buildings within 50' of the proposed well be termite treated? ☐ Yes ☒ No

All Applicants

Is this a private sector OSE/PE application? ☒ Yes ☐ No If yes, is the OSE/PE package attached? ☒ Yes ☐ No

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

In order for VDH to process your application for a sewage system you must attached 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.

Signature of Owner/ Agent

Date

This form contains personal information subject to disclosure under the Freedom of Information Act. Revised 12/1/2014

LOT#C P10F4

Site and Soil Evaluation Report

VDH Use Only

HDIN: _____

General Information

Date: 4/4/2016 MADISON County Health Department
 Owner: GEORGE PETTIE Phone: 202-405-0326
 Owner Address: 1010 MASSACHUSETTS AVE NE WASH, D.C. 20002
 Property Address: PINE HILL ROAD NETHERS
 Tax Map/GPIN #: 9-45
 Subdivision: _____ Section: _____ Block: _____ Lot: #C

Soil Information Summary

- Position in landscape satisfactory: ☒ Yes ☐ No Describe landscape position: SHOULDER
 - Slope: 8/10 %
 - Depth to rock/impervious strata: Max. _____ in. Min. 50" in. ☐ Not observed
 - Free Water Present: ☐ Yes ☒ No Range in inches: _____
 - Depth to seasonal water table (gray mottling or gray color): _____ inches ☒ Not observed
 - Soil percolation rate estimated: ☒ Yes ☐ No Estimated rate: _____ min/in at _____ inches depth
 Texture Group: ☐ I ☐ II ☒ III ☐ IV
 - Percolation test performed: ☐ Yes ☒ No If yes, provide additional data on percolation test results.
 Name and title of evaluator: T.A. HOUSTON JR OSE# 1116
 Signature: [Signature]
- ☒ Site approved: ABSORPTION TRENCHES (describe dispersal area, e.g. absorption trenches) dispersing
PRIMARY (proposed level of treatment at time of evaluation) to be placed at 30" (inches) depth at
 site designated on permit. Site provides a total of 15000 square feet of absorption area for primary and
 reserve (if applicable).
- ☐ Site disapproved: Reasons for rejection (check all that apply)
- ☐ Position in landscape subject to flooding or periodic saturation.
 - ☐ Insufficient depth of suitable soil over hard rock.
 - ☐ Insufficient depth of suitable soil to seasonal water table.
 - ☐ Rates of absorption too slow.
 - ☐ Insufficient area of acceptable soil for required absorption area, and/or reserve area.
 - ☐ Proposed system too close to well.
 - ☐ Other (specify) _____

LOTC

P20F4

DRAINFIELD

IM. #9-43

IM. #33-03

C3

MAD. CO. AREA 5.2260 AC.

732.55ft

N24°36'08"E
LINE HEREBY
CREATED

PROPOSED
DWELLING

N83°28'10"E

PROPOSED
WELL

918.70ft

IRS

NEW

LOT "C"

8.4644 ACRES

N12°54'21"E
415.55ft

450 PROPOSED
DRIVE

PROPOSED
DRAINFIELD

MAD. CO. AREA 7.9097 ACRES

WIRE
FENCE

S83°28'10"W
963.28ft

IPF @ 19.94'

LINES HEREBY
CREATED

L4

C4

IPF

C5

C6

IPF

C8

C9

L5

N8°2

430

430

430

430

430

430

430

430

430

SOIL PROFILE DESCRIPTION REPORT

REF HD #

P. ____ OF ____

PROJECT NUMBER & CLIENT

#16-07 GEORGE M PETTIE

TAX MAP 9-45

LOT "C"

8.75AC.
8.4A

DATE OF EVALUATION

3/29/2016

HOLE # HORIZON DEPTH

DESCRIPTION OF, COLOR, TEXTURE, ETC.

TEXTURE

PIT-1 AP 0-5"

B1 6-30"

B-C 30-60"

7.5YR 4/3 LOAM, BLOCKY, ROOTS, QUARTZ.

10 YR 4/6 SILTY CLAY LOAM, BLOCKY, ROOTS.

2.5YR 5/6, 4/6, +7.5YR 7/6, 6/6, 6/8 VARIGATED, SILT LOAM, BLOCKY FRIABLE.
RESIDUAL MATERIAL

III
III
III

PIT-2 AP 0-6"

B 6-12"

B-1 12-24"

B-2 24-36"

B-C 36-57"

7.5YR 4/6 LOAM, BLOCKY, ROOTS, QUARTZ.

2.5YR 4/8, SILT CLAY LOAM, BLOCKY, ROOTS, MICA.

2.5YR 5/6, 4/6, WITH YELLOW STREAK SILTY CLAY LOAM, BLOCKY.

2.5YR 4/4, 4/6, 10YR 5/4 VARIGATED SILT LOAM, BLOCKY, FRIABLE

10R 5/4, 5YR 6/6, VARIGATED SILT LOAM, BLOCKY FIRM SAPROLITE

III
III
III
III
III
III

PIT-3 AP 0-8"

B 8"-24"

B-C 24-60"

7.5YR 4/4 LOAM, BLOCKY, ROOTS.

2.5YR 4/6, 5/8, SILTY CLAY LOAM, BLOCKY, COBBLES, ROOTS.

2.5YR 5/8, 5/4 + 10YR 7/6, 7/8 VARIGATED SILTY CLAY LOAM, COBBLES, BLOCKY.

III
III
III
III

PIT-4 AP 0-8"

B 8"-36"

B-C 36-58"

7.5YR 4/4 LOAM, BLOCKY, COBBLES ROOTS.

7.5YR 4/6, SILTY CLAY LOAM, BLOCKY, COBBLES, ROOTS.

7.5YR 7/6, 6/8, VARIGATED SILT LOAM, BLOCKY.

III
III
III
III

TRENCH DEPTH = 30"
EST. RATE 50 MPI

P40F4

LOT C