



Middlesex County Health Department
P.O. Box 415
Saluda, Virginia 23149
(804) 758-0330 Voice
(804) 758-8390 Fax

Sewage Disposal System Operation Permit

Property Owner

Marietta Mowry
173 Dogwood Lane
Remlik, Virginia 23175
Phone: (804) 758-5715

Health Dept. ID: **159-12-132**
Tax Map: **19C (3)B - 28**
Locality: Middlesex County

Property Location

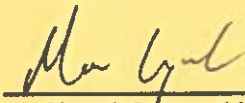
Property Address: 19C (3)B - 28
173 Dogwood Lane
Remlik, Virginia 23175

Marietta Mowry is hereby granted permission to operate a **Conventional Onsite Sewage System** at the above referenced location, having a design capacity of **300 gallons per day**, or **2 bedrooms** maximum.

This permit is issued in accordance with the provisions of Title 32.1, Chapter 6 of the Code of Virginia as Amended, and Section 12VAC 5-610-340 of the Sewage Handling and Disposal Regulations of the Virginia Department of Health. The issuance of an operation permit does not denote or imply any guarantee by the department that the sewage disposal system will function for any specified period of time. It shall be the responsibility of the owner or any subsequent owner to maintain, repair, or replace any sewage disposal system that ceases to operate in accordance with the regulations.

January 30, 2013
Effective Date

Marc Longest
EHSS


Signed January 30, 2013



Middlesex County Health Department
P.O. Box 415
Saluda, Virginia
23149
(804) 758-0330 Voice
(804) 758-8390 Fax

Sewage System Construction Inspection Report

Health Department ID Number: 159-12-132

System Location

Tax Map: 19C (3)B - 28
Property Address: Dogwood Lane
County: Middlesex

Subdivision:
Section Block Lot

Sewer Line

Diameter: "
Material:

Satisfactory:
Date Inspected:
Comments:

Septic Tank

Volume: 750 gallons
Material:
Grade on Tees:

Satisfactory: Yes
Date Inspected: 11/7/2012
Comments: NO Closer Than Existing

Conveyance Line

Method:
Pipe Size: "
Material:

Satisfactory:
Date Inspected:
Comments:

Distribution System and Header Lines

Method:
Box Material:
Number of Ports:
Header Material:

Satisfactory:
Date Inspected:
Comments:

Overall Construction

Overall Construction: Yes
Construction Comments:
Completion Statement Received Date: January 30, 2013

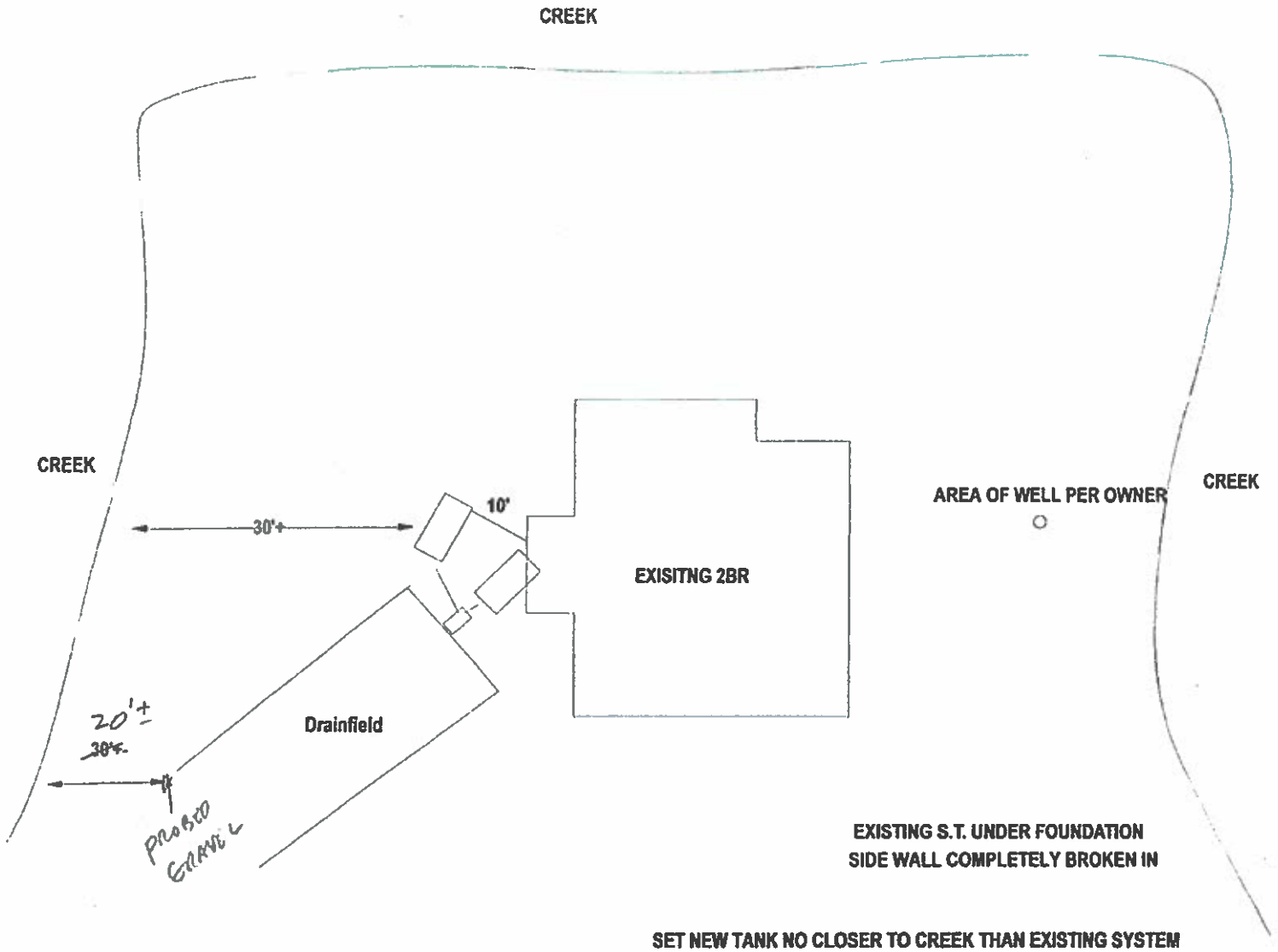
Map Reference: 19C-3-B-28

Sewage Disposal System Construction Specifications

GENERAL INFORMATION	
New Repair ☒ Expanded ☐ Conditional ☐ Owner: <u>Marietta Mowry</u> Telephone: _____ Address: <u>173 Dogwood Lane</u> For a Type <u>I</u> Sewage disposal system which is to be constructed on/at: <u>173 Dogwood Lane</u> . Subdivision : _____ Section: _____ Block: _____ Lot(s): _____ Actual or estimated water use: <u>300 GPD (2 Bedroom)</u>	
DESIGN	NOTES
Water Supply, existing: (describe): <u>Status unknown</u> To be installed: _____	EXISTING
Building sewer: <u>Existing</u> I.D. PVC sch 40, or equivalent Slope 1.25" per 10' minimum ☒ Other: <u>Check Sewer Line for proper grade and condition. Replace as necessary</u>	EXISTING. LEAD NOT REPLACE ON SLAB
Septic Tank: Capacity <u>750</u> gallons (minimum): ☒ Other: No closer to water than existing	INSTALLED NO CLOSER THAN EXISTING FIELDS
Inlet-Outlet Structure PVC sch 40, 4" tees or equivalent ☒ Other: <u>Zabel Effluent Filter Recommended</u>	INSPECTED PART ON TANK
Pump and Pump Station: No ☒ Yes describe and show design: _____	N/A
Gravity Mains: 3" or larger I.D., minimum 6" fall per 100', 1500lb. Crush strength or equivalent ☒ Other: <u>Check Existing Conveyance Line for condition and grade.</u>	NEW SCH 40 PVC INSTALLED TO EXISTING 12" DIA
Distribution Box: ☒ Precast concrete box or Tuff-Tite Plastic with <u>EXISTING</u> ports	EXISTING CONCRETE BOX
Treatment Unit: ☒ <u>NONE</u>	N/A
Absorption Trenches: EXISTING	EXISTING
CONTRACTOR TO CONTACT PHILLIP W. JONES AT 804-815-8470 TO SCHEDULE AN INSPECTION. NO PART OF THIS SYSTEM IS TO BE COVERED UNTIL INSPECTED AND APPROVED. CALL IN ADVANCE TO INSURE THAT I WILL BE AVAILABLE. CONTRACTOR IS RESPONSIBLE FOR INSPECTION FEE.	

INSTALLED
BY Brothers
Buckner

11/7/2012
PJP



AS BUILT

Title: CONSTRUCTION DIAGRAM				SOIL INTERPRETATIONS, L.C. Phillip W. Jones Hartfield, VA (804) 815-8470
Project Name: MARIETTA MOWBRY				
Scale: 1" = 20'	Drawn By: PWJ	Checked By: PWJ	Date: 10.17.12	

Soil Interpretations, L.C.

231 Indian Cove Road
Hartfield, VA 23071

November 7 2012

The septic tank repair for Marietta Mowry was installed in substantial compliance for the permit issued for tax map 19C-3B-28 by Wilton Marshall. The tank was installed and reconnected to the existing distribution box. The tank is no closer to Robinson Creek than the existing septic drainlines.

Sincerely,


Phillip W. Innes



Middlesex County Health Department
P.O. Box 415
Saluda, Virginia
23149
(804) 758-0330

OSE Construction Permit

October 24, 2012

Marietta Mowbry
173 Dogwood Lane
Rembert, Virginia 23175

Tax Map: 19C (3)B - 28
HDID: 159-12-132

Dear Marietta Mowbry:

This letter and the attached drawings, specifications, and calculations (6 pages) dated October 17, 2012, constitute your permit to install a 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, and were certified by Phillip W. Jones 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 Middlesex 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 construct your dwelling, please contact the OSE 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 that submitted the site evaluation or site evaluation and design. The OSE 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 Middlesex County Health Department.

The OSE that submitted the certified design for this permit is required by the AOSE Regulations (12 VAC 5-615-70.D) 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 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. The Middlesex 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 as noted herein. The sewage system may not be placed into operation until you have obtained an Operation Permit from the Middlesex County Health Department.

Page 2 of 2

Tax Map: 19C (3)B - 28; HDID: 159-12-132

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. If you have any questions, please contact me.

This authorization to construct a sewage disposal system expires: April 25, 2014. This permit is not transferable to another owner or location.

Sincerely,

A handwritten signature in black ink, appearing to read 'Marc Longest', is written over the typed name.

Marc Longest, EHSS
Middlesex County Health Department

Att: OSE plans and specifications

Soil Interpretations, L.C.
Phillip W. Jones (OSE 0012)

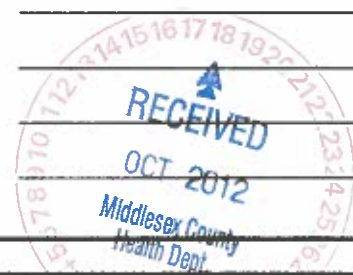
OSE/PE Report For:

CONSTRUCTION PERMIT (REPAIR—TANK ONLY)

1

Location of Property:	Middlesex	County	
	Subdivision:	Block:	Lot:
	GPIN or Tax Map Number: 19C-3-B-28		
	Latitude: Longitude:		

Applicant or Client and Address:	Prepared by AOSE/PE (Name and Address):
Marietta Mowbry	Soil Interpretations, L.C.
173 Dogwood Lane	231 Indian Cove Road
Urbanna, VA 23175	Hartfield, VA 23071
	(804) 815-8470



Date of Report: October 17, 2012	AOSE/PE Job Number:
Revision Date:	Health Dept. ID Number: 159-12-132

Contents/Index of this Report²

Application		
Construction Notes		
Construction Drawings		
Sanitary Survey		

(in no particular order)

Certification Statement(s)³

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 VAC5-615), and other applicable policies of the Virginia Department of Health. Furthermore, I certify that my evaluation and/or design contained herein complies with all applicable laws, regulations, and policies implemented by the Virginia Department of Health.	
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 § 54.1-402.A.11	
I recommend that a: Construction Permit ☒ Certification Letter ☐ Subdivision Approval ☐ be Issued ☒ Denied ☐	

Commonwealth of Virginia

Application for: ☒ Sewage System (REPAIR—Septic Tank Only)

Owner Marietta Mowry Phone _____
 Mailing Address 173 Dogwood Lane Phone _____
Urbanna, VA 23175 Fax _____
 Agent Soil Interpretations, L.C. Phone (804) 815-8470
 Mailing Address 231 Indian Cove Road Phone _____
Hartfield, VA 23071 Fax _____
 Site Address 792 Punchbowl Lane Email _____
 Directions to Property: 173 Dogwood Lane

Subdivision _____ Section _____ Block _____ Lot _____
 Tax Map 19C-3-B-28 Other Property Identification _____ Dimension/Acreage of Property _____

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.**

For New Construction: ☐ Certification Letter ☐ Construction Permit

For Existing Construction: ☒ Repair ☐ Modification ☐ Expansion ☐ Replacement

Proposed Use:

☒ Single Family Home: Number of Bedrooms 2 ☐ Multi-Family Dwelling: Total Number of Bedrooms _____

☐ Other (describe) _____

Will there be a basement? ☐ Yes ☒ No If yes, will there be fixtures in the basement? ☐ Yes ☒ No

Are any conditions proposed on this construction permit? Yes ☐ No ☒ If yes, please check or describe all proposed conditions that apply: ☐ Reduced Water Flow ☐ Limited Occupancy ☐ Intermittent or seasonal use

☐ Temporary use not to exceed one year ☐ Other (describe) _____

Water Supply

Will the water supply be ☐ Public ☒ Private Is the water supply ☒ Existing ☐ Proposed

If proposed, is this a replacement well? ☐ Yes ☒ No Will the old well be abandoned? ☐ Yes ☐ No

Have any buildings within 100' of the proposed well been termite treated? ☐ Yes ☐ No

All Applicants

Is this an AOSE/PE application? ☒ Yes ☐ No If yes, is the AOSE package attached? ☒ Yes ☐ No

In order for VDH to process your application you must attach a site sketch and plat of the property. 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 system sites must be clearly marked and the property sufficiently visible to see the topography, otherwise this application will be denied.

I give permission to the Virginia Department of Health (VDH) 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 an Authorized Onsite Soil Evaluator (AOSE) or a Professional Engineer (PE) as necessary until the sewage disposal system has been constructed and approved.

Signature of Owner/Agent 

Date 10/17/12

Map Reference: 19C-3-B-28**Sewage Disposal System Construction Specifications****GENERAL INFORMATION**New Repair ☒ Expanded ☐ Conditional ☐Owner: Marietta Mowry Telephone:Address: 173 Dogwood Lane For a Type I Sewage disposal system which is to be constructed on/at: 173 Dogwood Lane.

Subdivision : _____ Section: _____ Block: _____ Lot(s):

Actual or estimated water use: 300 GPD (2 Bedroom)**DESIGN****NOTES****Water Supply, existing: (describe):** Status unknown

To be installed:

Building sewer:Existing _____ I.D. PVC sch 40, or equivalent

Slope 1.25" per 10' minimum

☒ Other: Check Sewer Line for proper grade and condition. Replace as necessary**Septic Tank: Capacity** 750 gallons (minimum):☒ Other: No closer to water than existing**Inlet-Outlet Structure**

PVC sch 40, 4" tees or equivalent

☒ Other: Zabel Effluent Filter Recommended**Pump and Pump Station:**No ☒ Yes describe and show design:**Gravity Mains:** 3" or larger I.D., minimum 6" fall per 100', 1500lb. Crush strength or equivalent☒ Other: Check Existing Conveyance Line for condition and grade.**Distribution Box:**☒ Precast concrete box or Tuff-Tite Plastic with EXISTING ports**Treatment Unit:**☒ NONE**Absorption Trenches:**

EXISTING

CONTRACTOR TO CONTACT PHILLIP W. JONES AT 804-815-8470 TO SCHEDULE AN INSPECTION. NO PART OF THIS SYSTEM IS TO BE COVERED UNTIL INSPECTED AND APPROVED. CALL IN ADVANCE TO INSURE THAT I WILL BE AVAILABLE. CONTRACTOR IS RESPONSIBLE FOR INSPECTION FEE.

CONSTRUCTION NOTES

- New Tank to be no closer to creek than existing system. Care to be take when backfilling old existing tank that is located under footer of house
- KEEP ALL PARTS OF SYSTEM 10'+ FROM UNDERGROUND UTILITIES.
- COMPLY WITH ALL LOCAL, STATE AND OSHA REGULATIONS.
- Contact Phillip W. Jones (804) 815-8470 prior to installation to schedule a construction inspection. No part of this system is to be covered prior to inspection. Recommend calling in advance to insure that I will be available.

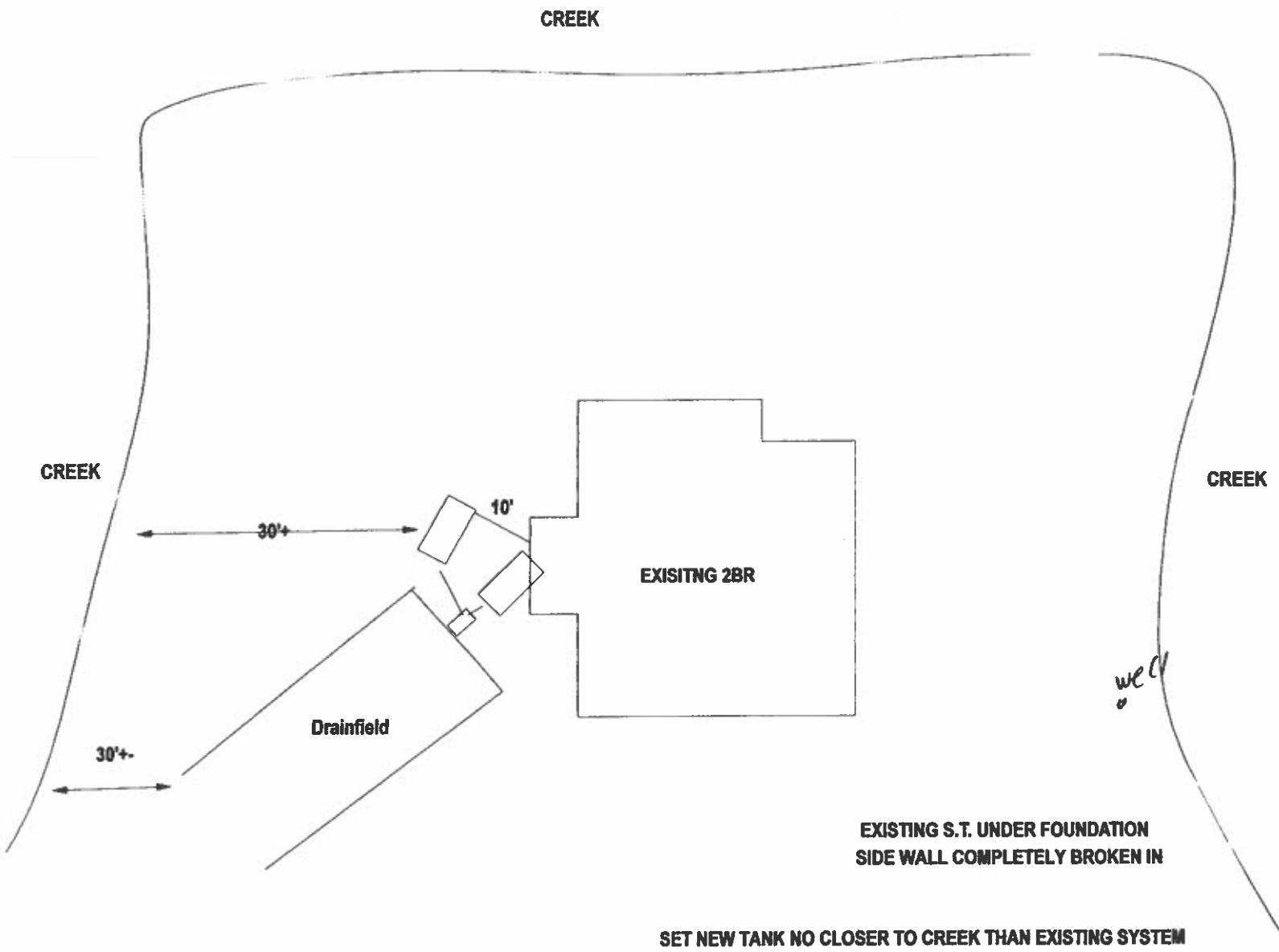
INSPECTION FEE SCHEDULE AS FOLLOWS:

AOSE is given 48+ hours notice, the fee will be \$100.00 per inspection

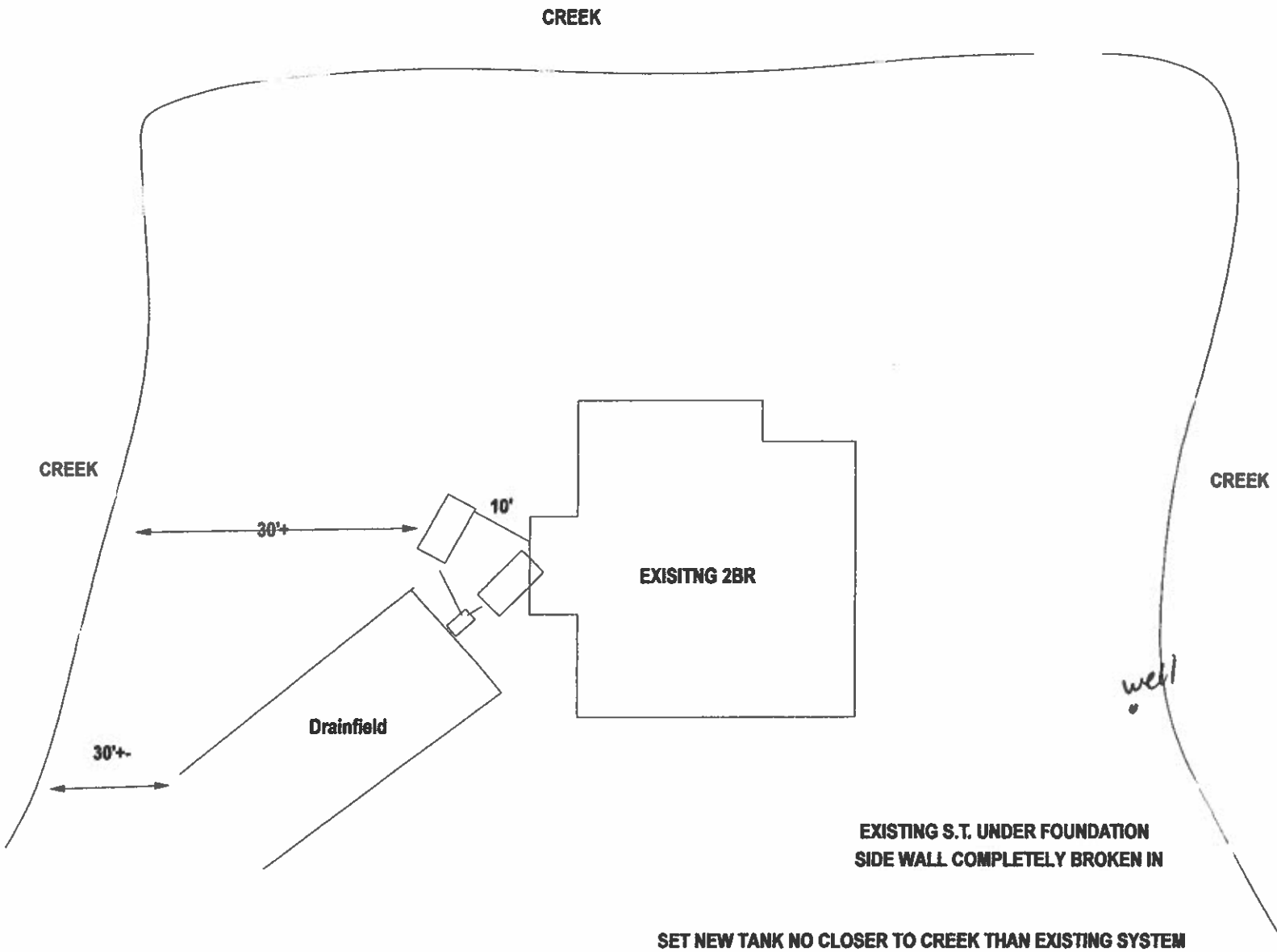
AOSE is given 24-48 hours notice, the fee will be \$150.00 per inspection

AOSE is given less than 24 hours notice, the fee will be \$200.00 per inspection

Final paperwork will not be submitted to the local Health Department until inspection fees(s) are paid.



Title: SANITARY SURVEY				SOIL INTERPRETATIONS, L.C. Phillip W. Jones Hartfield, VA (804) 815-8470
Project Name: MARIETTA MOWBRY				
Scale: 1" = 20'	Drawn By: PWJ	Checked By: PWJ	Date: 10.17.12	



Title: CONSTRUCTION DIAGRAM					SOIL INTERPRETATIONS, L.C. Phillip W. Jones Hartfield, VA (804) 815-8470
Project Name: MARIETTA MOWBRY					
Scale: 1" = 20'	Drawn By: PWJ	Checked By: PWJ	Date: 10.17.12		

COMMONWEALTH OF VIRGINIA WATER WELL COMPLETION REPORT

• BWCM No. _____

(Certification of Completion/County Permit)

State Water Control Board
P. O. Box 11143
2111 North Hamilton St.
Richmond, Va. 23230

County/City

Middlesex

County/City Stamp

• Virginia Plane Coordinates

_____ N
_____ E

Latitude & Longitude

_____ N
_____ W

• Topo. Map No. _____

• Elevation _____ ft.

• Formation _____

• Lithology _____

• River Basin _____

• Province _____

• Type Logs _____

• Cuttings _____

• Water Analysis _____

• Aquifer Test _____

• Owner Nelson Newry

• Well Designation or Number _____

Address 1831 Sundall Pt
Winchester, VA 23062

Phone _____

• Drilling Contractor Jetterraef Bros Inc

Address PO Box 1059
West Point VA 23187

Phone 7854651

WELL LOCATION: Kilmer's Pt. Urbanma-
(feet/miles _____ direction) of _____
and _____ (feet/miles _____) (direction) of Hogwood lane at end
(If possible please include map showing location marked)

Date started 4-1-03 • Date completed 4-1-03 Type rig mud rotary

SWCB Permit _____
County Permit 15 9-02-375

Certification of inspecting official:
This well does _____ does not _____
meet code/low requirements.

S. _____
Date _____

For Office Use

Tax Map I.D. No. 19-3 B-28

Subdivision _____

Section _____

Block _____

Lot _____

Class Well: I _____, IIA _____
IIB _____, IIIA _____, IIIB _____
IIIC _____, IIID _____, IIIE _____

1. WELL DATA: New ☒ Reworked _____ Deepened _____

• Total depth 290 ft ft.

• Depth to bedrock _____ ft.

• Hole size (Also include reamed zones)

• 7 1/4 inches from 0 to 20 ft.

• 6 1/4 inches from 20 to 250 ft.

• 3 1/8 inches from 250 to 290 ft.

• Casing size (I.D.) and material

• _____ inches from _____ to _____ ft.

Material 4x2 PVC

Wt. per foot _____ or wall thickness _____ in.

• _____ inches from _____ to _____ ft.

Material _____

Wt. per foot _____ or wall thickness _____ in.

• _____ inches from _____ to _____ ft.

Material _____

Wt. per foot _____ or wall thickness _____ in.

• Screen size and mesh for each zone (where applicable)

• _____ inches from _____ to _____ ft.

• Mesh size 20 Type _____

• _____ inches from _____ to _____ ft.

• Mesh size 25 Type _____

• _____ inches from _____ to _____ ft.

• Mesh size _____ Type _____

• _____ inches from _____ to _____ ft.

• Mesh size _____ Type _____

• _____ inches from _____ to _____ ft.

• Mesh size _____ Type _____

• Gravel pack

• From _____ to _____ ft.

• From _____ to _____ ft.

• Grout

• From 0 to 20 ft. Type Benarite

• From _____ to _____ ft. Type _____

2. WATER DATA • Water temperature 62 °F

• Static water level (unpumped level-measured) 31 ft.

• Stabilized measured pumping water level 51 ft.

• Stabilized yield 15 gpm

Natural Flow: Yes _____ No ☒ flow rate _____ gpm

Comment on quality good

3. WATER ZONES: From _____ To _____

From _____ To _____ From _____ To _____

From _____ To _____ From _____ To _____

4. USE DATA:

Type of use: Drinking ☒ Livestock Watering _____

Irrigation _____ Food processing _____ Household ☒

Manufacturing _____ Fire safety _____ Cleaning _____

Recreation _____ Aesthetic _____ Cooling or heating _____

Injection _____ Other _____

• Type of facility Domestic ☒ Public water supply _____

Public institution _____ Farm _____ Industry _____

Commercial _____ Other _____

5. PUMP DATA: Type goulds • Rated H.P. 1/2

• Intake depth 94 • Capacity 8 gpm head

6. WELLHEAD: Type well seal plumb

Pressure tank RMD30 gal. Loc. gpi

Sample tap _____ Measurement port _____

Well vent _____ Pressure relief valve _____

Gate valve _____ Check valve (when required) ☒

Electrical disconnect switch on power supply _____

7. DISINFECTION: Well disinfected ☒ yes _____ no _____

Date 4/1/03 Disinfectant used chlorine

Amount 12 cup Hours used _____

8. ABANDONMENT (where applicable) • yes _____ no _____

Casing pulled yes _____ no _____ not applicable _____

Plugging grout From _____ to _____ material _____

Owner Tukon T. Nowry

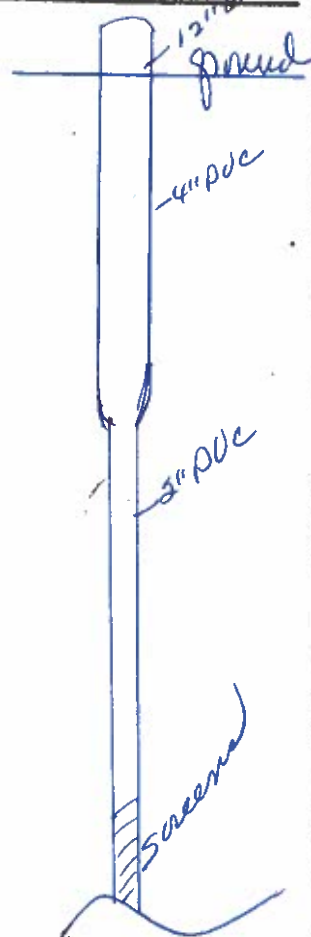
BWCN No. _____

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping tests, drill cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required in some parts of the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water well completion report for public supply wells.

10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, (etc.))
From	To		
0	5	clay	
5	20	sand	
20	240	blue marl	
240	300	limestone/sand	

11.

Drilling
Time
(Min.)12. DIAGRAM OF WELL
CONSTRUCTION
(with dimensions)

RECEIVED
APR 04 2003
MIDDLESEX COUNTY HEALTH DEPT.
SALUDA, VIRGINIA

13. Well lot dedicated? _____ Size _____ ft. X _____ ft. Well house? _____
Distance to nearest pollutant source _____ ft. Type _____
Distance to nearest property line _____ ft. Building _____ ft.

State Water Control Board Regional Offices

Valley Reg. Off.
116 North Main Street
P. O. Box 268
Bridgewater, Va. 22612
703-628-2595

Piedmont Reg. Off.
4010 West Broad Street
P. O. Box 6616
Richmond, Va. 23230
804-257-1006

Southwest Reg. Off.
408 East Main Street
P. O. Box 476
Abingdon, Va. 24210
703-628-5183

Tidewater Reg. Off.
287 Pembroke Office Park
Suite 310 Pembroke No. 2
Va. Beach, Va. 23462
804-499-8742

West Central Reg. Off.
Executive Park
5312 Peters Creek Road
Pembroke, VA. 24019
703-628-7432

Northern Virginia Reg. Off.
5515 Cherokee Avenue
Suite 404
Alexandria, Va. 22312
703-750-9111

14. WATER SERVICE PIPE: Checked under _____ p.s.i. for _____
minutes. Pipe size _____ inches, Material _____
Installer _____
Date _____

15. I certify that the information contained herein is true and correct and that this well and/or system has been installed and constructed in accordance with the requirements for well construction as specified in compliance with appropriate county or independent city ordinances and the laws and rules of the Commonwealth of Virginia.

Signature

(Well driller or authorized person)

(Seal), Date

License No.

4-2-03
2705806734