

Well Installation and Abandonment (WIIN-10-W & WA)

Address: 2317 Chapel Hill Road Goochland, VA 23063

Scope of work:

The Richmond Regional Planning District Commission (PlanRVA) is requesting bids for the work described in this Scope of Work (SOW), which addresses the installation and abandonment of a well system at the above-referenced address. The contractor shall furnish all labor, supervision, equipment, tools, parts, supplies and materials, as necessary, to perform the services as described herein:

Cost for Line Item #1 (include total cost for items A-H). These are known factors. Vendors must invoice for actual cost incurred as described herein. The initial bid should be an average cost/foot of depth for 150 feet (add other itemized costs such as mobilization/setup, etc.). Please note: 150 feet is an estimate, once awarded the vendor should request a change order if depth is exceeding 150 feet and vendor should issue invoice/bill based on actual service performed, actual depth drilled (as verified on the GW-2 and VDH's Record of Inspection). Vendor will only be paid for actual well depth drilled, casing depth, grout depth, depth of drop pipe, pump, etc. Vendor must provide a detailed bid for 150 ft.; any additional footage must be listed as additional services at a per foot rate. Vendors who submit bids for over or under 150 feet will not be accepted.

A) Construct a private water well that meets the location, construction specifications, water quantity, and water quality requirements of the Virginia Private Well Regulations (12VAC5-630-10 et seq., the Regulations).

B) Tree Removal and Site Clearing: A pre-bid site visit is recommended to determine what if any tree removal or site clearing that may need to occur. Per the above referenced Permit, remove any trees and wood debris as described in the permit and haul away wood and debris unless notified otherwise. Costs of tree removal and site clearing should be included in initial bids. Any additional site clearing, or tree removal required during installation must be submitted in writing to and approved by VDH in writing including an additional cost estimate.

******Please note - Any personal property items that will prohibit the contractor from accessing the site or installation of the new system is the responsibility of the homeowner to remove and should not be included in the bid.**

C) Construct the above class III(B) well with a minimum of 50' of casing and grout and in compliance with **the Goochland County Health Department Well Construction Permit #24-137-0192, at 2317 Chapel Hill Road Goochland, VA 23063**, in the location shown on the permit. The permit may contain additional conditions, notes, and information needed to construct the well.

D) Provide, or subcontract with a licensed plumber and electrician to provide, the well pump, plumbing, and electrical required to convey the water under sanitary conditions from the well to the home plumbing system in the quantity required by the Regulations and the Virginia Uniform Statewide Building Code. This includes obtaining or assuring that the owner obtains all permits and inspections necessary by the local building authority in compliance with the Virginia Uniform Statewide Building Code.

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E) Disinfect the well and plumbing as required by the Regulations and provide the required Uniform Water Well Completion Report (GW2). Obtain a final compliance inspection from the health department and a Record of Inspection and assure that the well is tested and complies with the water quality requirements of the Regulations.

F) Appropriately abandon existing private drinking water supply/well. Abandon the well as specified by the Regulations and by the **Goochland County Health Department's Well Abandonment Permit #24-137-0192**. This would include disinfecting the existing well and assessing the well depth, materials, and depth to water. Salvage any materials that can be removed from the well. Additional requirements and conditions may be found on the abandonment permit. Submit the required Uniform Water Well Completion Report GW-5 Well Abandonment Form with all required information filled out.

G) Follow all regulations and permitting pertaining to erosion and sediment control including grading, seeding and strawing the site after construction to return to the original state. Control construction runoff with proper practices so as not to become a nuisance to the owner or to neighboring properties or cause sediment to be discharged into state waters and drainage ditches. Any construction debris must also be removed from the site and disposed of properly.

H) Bidders shall comply with all requirements of the Department of Professional and Occupational Regulations (DPOR) for contracting and executing the contract with the Virginia Department of Health. Operate within the requirements of the DPOR Water Well System Provider Certification and proof of insurance. Bidders contacted by VDH to provide any missing required documents must provide the document within 24 business hours or their bid will be considered non-responsive.

I) Provide to **Mbittner@planrva.org** the following information by the listed deadline:

- **Project Start and End Dates:** Estimated project start and completion dates to be provided **two (2) weeks prior to the start of the installation/work or within four (4) weeks** after issuance of **PO (issuance of Notice to Proceed)**; whichever is earlier.
- **Name and licensure of subcontractor(s):** The contractor shall within **four (4) weeks after the signing of the contract (or within two weeks of the work starting** or within 1 week after changing subcontractor; whichever is earlier), notify VDH in writing of the names of subcontractors proposed for the principal parts of the work.
- **Request for Change Orders:** All request for changes must be provided in writing per the contract terms and conditions and are not authorized until a response in writing is sent by the SWAP team.
- **Request for Extensions:** If it is determined that the work will not be able to be completed by the contract expiration date listed in the Notice to Proceed and the PO, a request for an extension must be provided, in writing, a minimum of two weeks prior to contract expiration date. Justification for why work could not be performed within original

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contract term must be provided. Extensions requested on or after the expiration date will not be able to be accommodated.

J) Provide all required documentation (completion report, water tests GW-2 and/or GW-5, etc.) to the **Goochland County Health Department** following completion of construction in order to obtain a Record of Inspection for both the well installation and well abandonment.

K) Submit invoice to **grading, seeding and strawing** once the Local Health Department has inspected the work and has issued the Record of Inspection (ROI) along with a copy of the ROI, GW-2, GW-05, lab results and completion statement.

Additional Services (If needed)

Bidder must contact Mbittner@planrva.org listed on the **Notice to Proceed for approval prior to any additional services performed. PlanRVA will issue a change order for actual additional services rendered.**

- A. Additional depth (beyond 150 ft.): provide a per foot rate for additional depth. If bidder has an estimate of how deep the well may be at this location, please provide. Examples:
 - a. Additional Depth (beyond 150 feet): \$xx/ft, estimated additional depth 250 feet, estimated total well depth 400 feet.
- B. Additional cost for installation of a pump below 150 ft., including per foot cost for drop pipe.
- C. Additional Services beyond what was quoted in A-K above (please list/enumerate and detail).

Breakdown of Total Cost

When responding to solicitation, Bidders must attach a document listing breakdown of total cost for line item 1. Bidders must attach a separate breakdown of cost for additional services.

Additional cost should not be included in line item 1 bid submission.

Optional site visit: If a site visit is needed, please **contact Mark Bittner** to arrange a day/time for a site visit. Do not go on site without prior permission from PlanRVA.

Additional questions:

Contact Mark Bittner via email: mbittner@planrva.org

Notice to Proceed

If Bidder is selected for award, the Bidder shall be required to provide a **signed Notice to proceed** form within 3 business days of notification. PlanRVA will provide a form for signature.

Private Well Construction Permit

October 03, 2024

Private Well Construction Permit

Owner Name: [REDACTED]
Mailing Address: 2317 Chapel Hill Rd. Goochland, VA 23063
Property Address: 2317 Chapel Hill Rd. Goochland, VA 23063
Tax Map/ GPIN #: 28-1-0-58-D / 6738-19-4116

Well Permit ID: 075-WW-32657 HDID #: 24-137-0192

The attached drawings and below specifications constitute your permit to install a private well on the property referenced above. This 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 attached construction drawings and specifications. VDH may revoke or modify any permit if, at a later date, it finds that the site conditions, well location, and/or design do not substantially comply with the Private Well Regulations, 12 VAC 5-630-10 et seq, or if the well would threaten public health or the environment. There may be other local, state, or federal laws or regulations that apply to the proposed construction of this private well. The landowner is responsible at all times for complying with all applicable local, state, and federal laws and regulations, and for ensuring that the water well is properly located on the landowner's property and in the approved area indicated on the attached schematic.

Your private well must be inspected by a representative of the local health department. Your private well may not be placed into operation until you have obtained a Record of this Inspection (ROI) from the Goochland County Health Department.

Before you can obtain your ROI, you must provide the Health Department with a Uniform Water Well Completion Report /GW-2 from your well driller and a record of a satisfactory bacteriological sample result.

Well Purpose: Drinking/Domestic Use Minimum Casing Depth: 50 '
Well Class: IIIB Minimum Grout Depth: 50 '

THIS PERMIT EXPIRES: 04/03/2029

Issued by: Hallie Massengale Date: 10/3/24
Hallie Massengale

Attachments: Well Permit Drawing

* Well area
to 10' x 80'

* Be cautious
of overhead
power lines

* III B well
50' casing
50' grout

* Well area
is flagged
on property

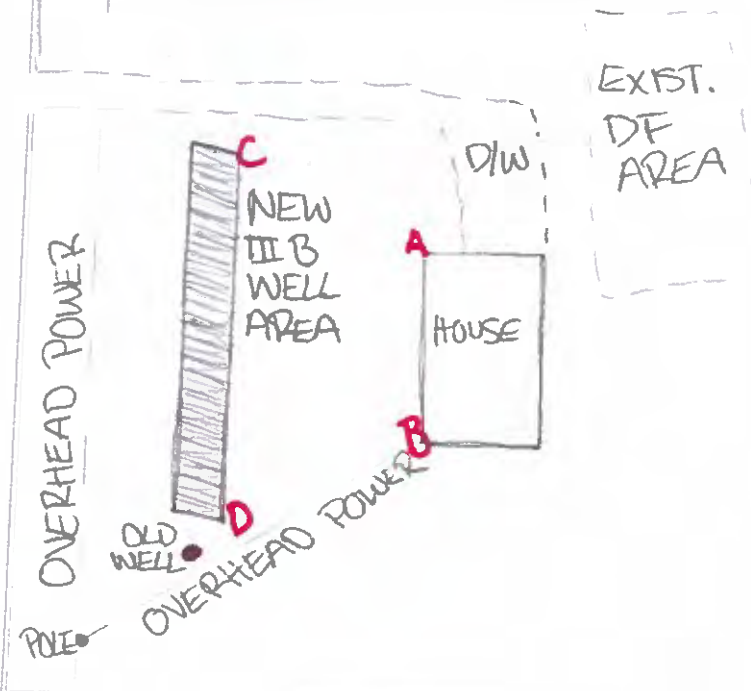
Measurements:

A → C = 45'
A → D = 70'
B → C = 70'
B → D = 45'

CHAPEL HILL RD

• NEIGHBORING
WELL

WELL REPLACEMENT



EXIST.
DF
AREA

2317 CHAPEL
HILL RD
Goochland, VA 23063

TM: 28-1-0-58-0
GPIN: 6738-19-4116
HDID: 24-137-0192

SCALE: 1" = 40'

• NEIGHBORING
WELL

Drawn by:
Hallie Massengale
10/3/24



Goochland Health Department
1800 Sandy Hook Rd, PO Box 178
Goochland, Virginia 2063
(804) 556-5842 Voice
(804) 556-3707 Fax

Private Well Abandonment Permit

October 9, 2024

Tax Map/GPIN: 28-1-0-58-D / 6738-19-4116
HDID #: 24-137-0193
Owner Name: [REDACTED]

Property Address:
2317 Chapel Hill Rd
Goochland, VA 23063

Mailing Address:
2317 Chapel Hill Rd
Goochland, VA 23063

The attached drawings and below specifications constitute your permit to abandon a private well on the property referenced above. This 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 attached construction drawings and specifications. VDH may revoke or modify any permit if, at a later date, it finds that the site conditions, well location, and/or design do not substantially comply with the Private Well Regulations, 12 VAC 5-630-10 et seq, or if the well would threaten public health or the environment. There may be other local, state, or federal laws or regulations that apply to the proposed construction of this private well. The landowner is responsible at all times for complying with all applicable local, state, and federal laws and regulations, and for ensuring that the water well is properly located on the landowner's property and in the approved area indicated on the attached schematic.

Your private well abandonment must be observed by a representative of the local health department. This abandonment permit is transferable 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/>.

Please provide the Health Department with a complete Water Well Completion Statement /GW-2 from your well driller.

Well Purpose: Domestic Drinking Water
Existing Well Class: **IIIC**

Other Comments: Abandon via bentonite plug method or enhanced abandonment method. (Bored).
Please contact the Goochland Health Department 24-48 prior to scheduled abandoning.

THIS PERMIT EXPIRES: April 9, 2029

Issued by:


Hallie Massengale, Environmental Health Specialist

Date: October 9, 2024

Attachments: Construction Drawing

*Be cautious
of overhead
power lines

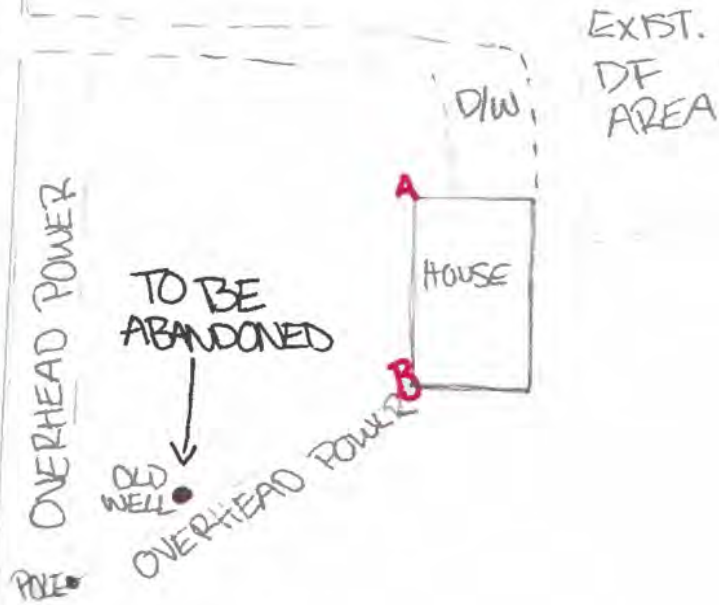
*Notify
Health
Department
When abandon-
ing the well

Measurements:
Old \rightarrow A = 77'
Old \rightarrow B = 54'
Old \rightarrow D = 8'

CHAPEL HILL RD

NEIGHBORING
• WELL

WELL ABANDONMENT



2317 CHAPEL
HILL RD
Goochland, VA 23063

TM: 28-1-0-58-0
GPIN: 6738-19-4116
HDID: 24-137-0193

SCALE: 1" = 40'

• NEIGHBORING
WELL

Drawn by:
Hallie Massengale
10/3/24