

Water Supply and/or Sewage Disposal System Construction Permit

Commonwealth of Virginia
 Department of Health
Franklin Co Health Department

Health Department
 Identification Number 133-96-0056
 Map Reference M18 P 51.8

General Information

Water Supply System: New Repair Public FHA VA Case No. _____
 Sewage Disposal System: New Repair Expanded Conditional Public
 Based on the application for a sewage disposal system construction permit filed in accordance with Section 2.13 E, of the Sewage Handling and Disposal Regulations and/or Section 2.13 of the Private Well Regulations a construction permit is hereby issued to:

Owner JAMES HICKS Telephone 721-3771
 Address: 180 HERITAGE LN, HARDY, VA For a Type I Sewage Disposal System or Well to be constructed on/at 220N R684 RC gravel rd JUST WEST POND, LOT ON L
 Subdivision SUMMER BIRCH Section/Block 4 Lot 3 Actual or estimated water use 600 gpd

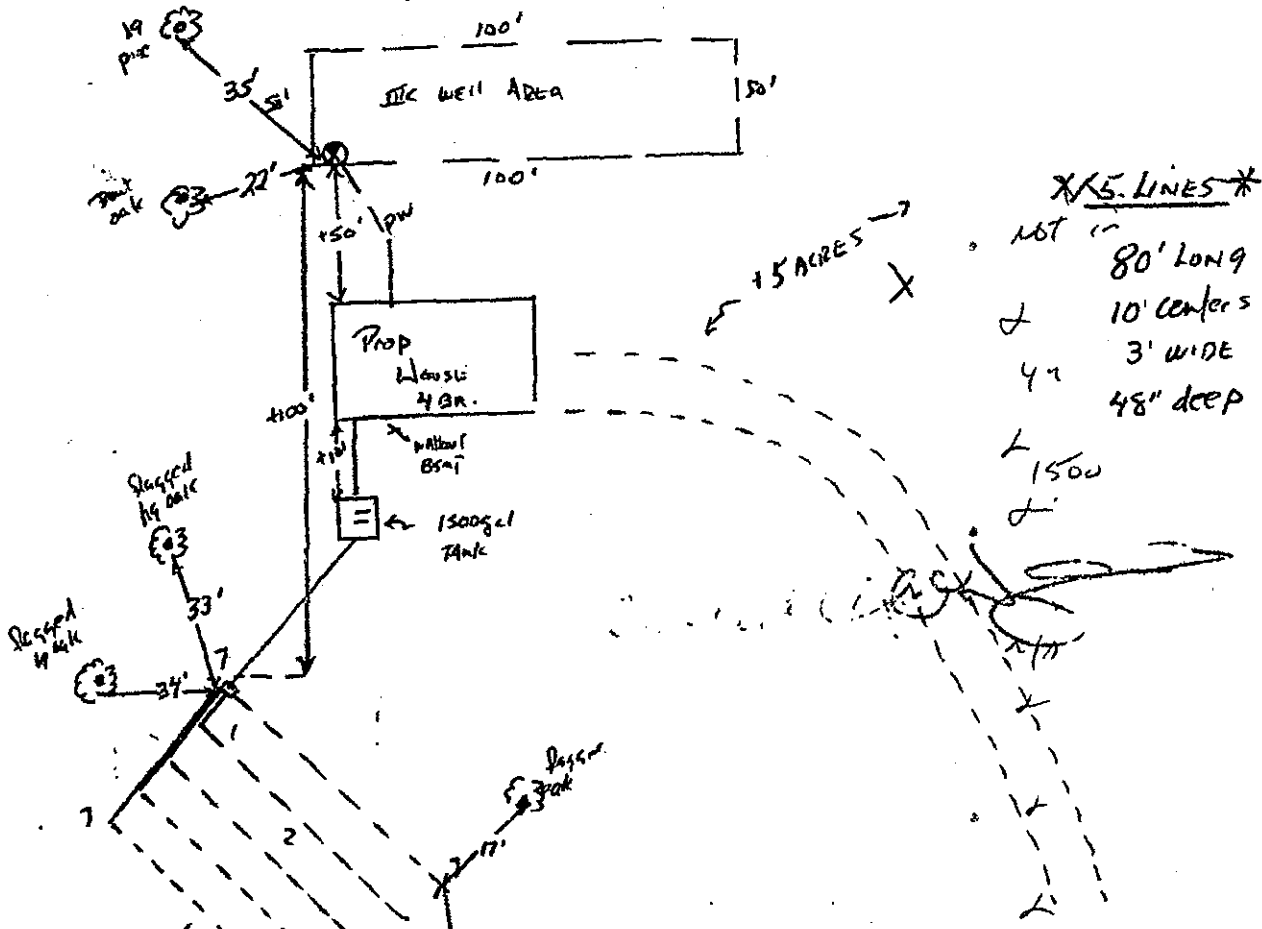
DESIGN	NOTE: SEWAGE DISPOSAL SYSTEM INSPECTION RESULTS
Water supply, existing: (describe) _____	Water supply location: Satisfactory yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments _____
To be installed: class <u>HTC WELL</u> cased <u>20' TO ROCK</u> grouted <u>120'</u>	Completion Report <u>NOT IN</u> G. W. 2 Received: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> not applicable <input type="checkbox"/>
Building sewer: <u>3-4"</u> I.D. PVC Schedule 40, or equivalent. Slope 1.25" per 10' (minimum). <input type="checkbox"/> Other _____	Building sewer: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory <u>42</u>
Septic tank: Capacity <u>1500</u> gals. (minimum). <input type="checkbox"/> Other _____	Pretreatment unit: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory <u>1500</u>
Inlet-outlet structure: PVC Schedule 40, <u>4"</u> tees or equivalent. <input type="checkbox"/> Other _____	Inlet-outlet structure: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Pump and pump station: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> describe and show design. if yes: _____	Pump & pump station: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory <u>~10</u>
Gravity mains: 3" or larger I.D., minimum 6" fall per 100', 1500 lb. crush strength or equivalent. <input type="checkbox"/> Other _____	Conveyance method: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Distribution box: Precast concrete with <u>10</u> ports. <input type="checkbox"/> Other _____	Distribution box: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Header lines: Material: 4" I.D., 1500 lb. crush strength plastic or equivalent from distribution box to 2' into absorption trench. Slope 2" minimum. <input type="checkbox"/> Other _____	Header lines: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Percolation lines: Gravity 4" plastic 1000 lb. per foot bearing load or equivalent, slope 2" 4" (min. max.) per 100'. <input type="checkbox"/> Other _____	Percolation lines: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Absorption trenches: Square ft. required <u>1200</u> ; depth from ground surface to bottom of trench <u>48"</u> ; aggregate size <u>5-1.5"</u> ; Trench bottom slope <u>2.4" PER 100'</u> ; center to center spacing <u>10'</u> ; trench width <u>3'</u> ; Depth of aggregate <u>13"</u> ; Trench length <u>80'</u> ; Number of trenches <u>5</u>	Absorption trenches: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Date <u>9-30-96</u> Inspected and approved by: _____ _____ Sanitarian	

4 BR

Schematic drawing of sewage disposal and/or water supply system and topographic features.

Show the lot lines of the building site, sketch of property showing any topographic features which may impact on the design of the well or sewage disposal system, including existing and/or proposed structures and sewage disposal systems and wells within 200 feet. The schematic drawing of the well site or area and/or sewage disposal system shall show sewer lines, pretreatment unit, pump station, conveyance system, and subsurface soil absorption system, reserve area, etc. When a nonpublic drinking water supply is to be permitted, show all sources of pollution within 200 feet.

The information required above has been drawn on the attached copy of the sketch submitted with the application. Attach additional sheets as necessary to illustrate the design.



This sewage disposal system and/or water supply is to be constructed as specified by the permit or attached plans and specifications.

This sewage disposal system and/or well construction permit is null and void if (a) conditions are changed from those shown on the application (b) conditions are changed from those shown on the construction permit.

No part of any installation shall be covered or used until inspected, corrections made if necessary, and approved, by the local health department or unless expressly authorized by the local health dept. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon the direction of the Department.

Date: 3-11-96 Issued by: Johz Myder
 Date: 3/13/96 Reviewed by: Sanitarian 3-8-96
Supervisory Sanitarian

This Construction Permit Valid until
9-11-97

If FHA or VA financing

Reviewed by Date _____ Date _____

Record Of Inspection—Nonpublic Drinking Water Supply System

Commonwealth of Virginia
Department of Health

Use of form required only when water supply constructed in conjunction with an on-site sewage disposal system, or when FHA, VA financing is involved.

Health Department
I.D. Number _____

F.H.A. or V.A. Case Number
If Applicable _____

Map Reference

M18	PS18
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Date 10/23/96 Local Health Department FRANKLIN CO

Owner JAMES HICKS Address 150 HERITAGE LN Phone 721-3771
HARBY, VA 24101

Exact Location of Premises 220N R684 RD GRAVEL RD JUST PAST POND LON L

Subdivision SUMMER BROOK Section/Block 4 Lot 3

Class of nonpublic drinking water well.

1) Class III	A. (drilled well)	<input checked="" type="checkbox"/>
2) Class III	B. (bored well)	<input type="checkbox"/>
3) Class III	C. (jetted well)	<input type="checkbox"/>
4) Class III	D. (dug well)	<input type="checkbox"/>
5) Other	E. _____	<input type="checkbox"/>

Date of installation 8-7-96

CONSTRUCTION INFORMATION

If information in any item below is secured from other sources (i.e.) well log, etc., so note.

- Water well completion report filed as required by 18.02.07. Yes No
- Well Location: Distances from sources of pollution (see Table 12.1, Minimum Separation Distances) and Section 10.04.01 and 18.02.02.
Building Sewer +50' Pretreatment Unit +50' Conveyance System +50' Subsurface Soil Absorption System +100' (nearest point). Property Line NA Other _____
Site graded where necessary to divert water away from well? Yes No n.a.
- Construction, General: (see Section 18.02.05, and 18.02.02)
Total depth of well 565 feet. Type of casing STEEL. Depth of casing 86 feet. Diameter of casing 6 inches. Casing extends inches above ground +12". Exterior space around casing sealed with neat cement grout to a depth of 20 feet. Screens constructed of _____ free of rough edges and irregularities, with positive watertight seal between screen and casing? yes no n.a.
Well head and opening to the interior protected? yes no Type of well seal SANITARY
Pitless adapter used? yes no n.a. Properly installed? yes no n.a. Proper venting? yes no n.a.
- Quantity: Yield and drawdown determined by continuous pumping of NA hours. Drawdown 19 feet. Yield 6 1/2 GPM. Type of storage PRESSURE.
- Quality: Sample tap provided at entry into system? yes no Sample(s) collected? yes no
Results of samples. Satisfactory Unsatisfactory (attach copy of results to this form)

Based on the inspection of this water supply system and the information contained on the water well completion report attached, this water supply is approved.

Remarks: THIS WELL MEETS COMMONWEALTH OF VA PRIVATE WELL REGULATIONS

Date 10/23/96

Signed [Signature]
Sanitarian

Date _____

Signed _____
Supervisory Sanitarian

Date _____

Signed _____
Regional Sanitarian (if V.A. or F.H.A.)

Commonwealth of Virginia Uniform Water Well Completion Report

Owner GRAYBILL ASSOCIATES, INC. / Franklin, Virginia
 Address 3311 W. Main St. #100
Franklin, VA 22645
 Phone 977-0858
 Location From Residential, 1/2 mi. on rd. to
1/2 mi. on rd. to

Ins. Dep ID _____
 VDI Permit 13376-0056
 VVWB Permit _____
 VVWB ID _____
 County Franklin

" Well Data "

General Information

Drilling Method Air Rotary
 Depth to Bedrock 37'
 Static Water Level 10'
 Well Disinfected (Y or N) Y

Date Completed 8/1/96
 Job # (0110)
 Stabilized Water Level _____
 Disinfectant Used _____

Total Depth of Well 565'
 Length of Test _____
 Natural Flow (Rate) _____
 Amount Used _____

Casing

From 0 to 36'
 Size 6" Material Steel
 Weight/Schedule 12.91/100

From _____ to _____
 Size _____ Material _____
 Weight/Schedule _____

From _____ to _____
 Size _____ Material _____
 Weight/Schedule _____

Gravel Pack

From _____ to _____

From _____ to _____

From _____ to _____

Grout

From 0 to 20'
 Bore Hole Size 10"
 Type #1 Cement
 Method Poured

From _____ to _____
 Bore Hole Size _____
 Type #1 Cement
 Method Pressure Applied

From _____ to _____
 Bore Hole Size _____
 Type _____
 Method _____

Water Zones or Screened Intervals

From _____ to 35' / 40'
 Mesh Size _____ Diam.
 From _____ to _____
 Mesh Size _____ Diam.

From _____ to 35' / 40'
 Mesh Size _____ Diam.
 From _____ to _____
 Mesh Size _____ Diam.

From _____ to _____
 Mesh Size _____ Diam.
 From _____ to _____
 Mesh Size _____ Diam.

" Use Data "

Private Well: _____
 Public Well: _____

Domestic _____
 Community _____

Agricultural _____
 Non Community _____

Industrial _____

Municipal _____

(Use additional sheets if necessary)

Depth

Description of Formation or Sediment

Remarks

<p>0-74' 74-565'</p>	<p>Brown Rock Granite</p>	<p>20 FT of Cement Grout 86 FT of 10" Casing 477 FT of 6" Casing</p>
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I certify that the information contained here is true and that this well was installed and constructed in accordance with the permit and further that the well complies with all applicable state and local regulations, ordinances and laws.

Drilling Contractor Richard Simmons Drilling Co., Inc.
 Address Rt. 1, Box 236
Buchanan, VA, 24609
 Phone 540-254-3289

Drillers Signature Stephen B. Ruckler Date 8/9/96
 Representing Richard Simmons Drilling Co., Inc.
 Virginia Contractors License Number 031866