



\*File #: 389482 - 2  
 PIN #:  
 Tax Lot #:  
 Tax Block #: 048685

**WELL CONSTRUCTION RECORD**

Owner: ASHTON RALEIGH RESIDENTIAL  
 900 RIDGEFIELD DR ST 335  
 RALEIGH, NC 27609

Directions:  
 215 SCOTLAND DR

**WELL HEAD CONSTRUCTION**

Drilling Contractor: NW Poole  
 Driller Registration: 4605A  
 Date Drilled: 09/13/2023  
 Use of Well: SINGLE FAMILY

Total Depth: 505 Ft.  
 Static Water Level: 20 Ft.  
 Replacement Well: NO  
 Yield: 5 gpm

Water Zone: 1) Ft. 2) Ft.  
 3) Ft. 4) Ft.

Disinfection Type: GRANULAR Amount:

Location:  
 Latitude:  
 Longitude:

Enclosure  Yes  No  N/A  
 Enclosure Floor  Yes  No  N/A  
 Access Port  Yes  No  N/A  
 Vent:  Yes  No  N/A  
 Sample Tap  Yes  No  N/A  
 Back Flow  Yes  No  N/A  
 Tee (jet)  Yes  No  N/A  
 Suction Line  Yes  No  N/A  
 Temporary  Yes  No  N/A  
 Well ID Plate  Yes  No  N/A  
 Pump ID Plate  Yes  No  N/A  
 EHS: Jones, Lori  
 Issue Date: 06/26/2023

**Casing:** Depth: Ft. Thickness: In. Comments:  
 Diameter: In. Top of Casing: In.  
 Material: GALVANIZED STEEL

**Grout:**

From	Depth	To	Ft.	Material	Method
From	0	To	Ft.	N/A	N/A
From	0	To	Ft.	N/A	N/A

\* Liner Date: From 0 To Ft.

**Grout:**

From	Depth	To	Ft.	Material	Method
From	0	To	Ft.	N/A	N/A

Issued by: Jones, Lori  
 Date of Issue: 09/26/2023

This well was constructed, repaired or abandoned in compliance with the well permit and in accordance with 15 A NCAC 02C .0100, .0300.  
 The well owner shall not place potential sources of groundwater contamination closer to the well than the separation distances specified in 15A NCAC 02C .0100, .0300.

# WELL CONSTRUCTION RECORD (GW-1)

## 1. Well Contractor Information:

Nick Young

Well Contractor Name

4605-A

NC Well Contractor Certification Number

N.W. Poole Well and Pump Co.

Company Name

## 2. Well Construction Permit #:

389482

List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

## 3. Well Use (check well use):

### Water Supply Well:

- Agricultural  Municipal/Public  
 Geothermal (Heating/Cooling Supply)  Residential Water Supply (single)  
 Industrial/Commercial  Residential Water Supply (shared)  
 Irrigation  Wells > 100,000 GPD

### Non-Water Supply Well:

- Monitoring  Recovery

### Injection Well:

- Aquifer Recharge  Groundwater Remediation  
 Aquifer Storage and Recovery  Salinity Barrier  
 Aquifer Test  Stormwater Drainage  
 Experimental Technology  Subsidence Control  
 Geothermal (Closed Loop)  Tracer  
 Geothermal (Heating/Cooling Return)  Other (explain under #21 Remarks)

## 4. Date Well(s) Completed:

9-13-23

Well ID#

## 5a. Well Location:

Ashton Raleigh Residential

Facility/Owner Name

Facility ID# (if applicable)

215 Scotland Dr Youngsville NC

Physical Address, City, and Zip

Franklin

County

Parcel Identification No. (PIN)

## 5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:

(if well field, one lat/long is sufficient)

35.982504 N -78.404238 W

## 6. Is(are) the well(s):

Permanent

or

Temporary

## 7. Is this a repair to an existing well:

Yes or  No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

## 8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled:

9. Total well depth below land surface: 505 (ft.)

For multiple wells list all depths if different (example - 3@200' and 2@100')

10. Static water level below top of casing: 20 (ft.)

If water level is above casing, use "+"

11. Borehole diameter: 6" (in.)

12. Well construction method: Rotary

(i.e. auger, rotary, cable, direct push, etc.)

## FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 5 Method of test: Blow

13b. Disinfection type: HTH Amount:

For Internal Use Only:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
250 ft.	255 ft.	3
470 ft.	475 ft.	2

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	84 ft.	6 in.	1/8"	Galv.

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
ft.	ft.	in.		

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	20 ft.	Bentonite	pour
ft.	ft.		
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	2 ft.	Top Soil
2 ft.	70 ft.	Clay
70 ft.	505 ft.	Granite
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

## 21. REMARKS

Used steel hardened drive shoe

## 22. Certification:

*Nickolas Young*  
Signature of Certified Well Contractor

9-13-23  
Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

## 23. Site diagram or additional well details:

You may use the back of this page to provide additional well construction info (add 'See Over' in Remarks Box). You may also attach additional pages if necessary.

## 24. SUBMITTAL INSTRUCTIONS

Submit this GW-1 within 30 days of well completion per the following:

24a. **For All Wells:** Original form to Division of Water Resources (DWR), Information Processing Unit, 1617 MSC, Raleigh, NC 27699-1617

24b. **For Injection Wells:** Copy to DWR, Underground Injection Control (IUC) Program, 1636 MSC, Raleigh, NC 27699-1636

24c. **For Water Supply and Open-Loop Geothermal Return Wells:** Copy to the county environmental health department of the county where installed

24d. **For Water Wells producing over 100,000 GPD:** Copy to DWR, CCPCUA Permit Program, 1611 MSC, Raleigh, NC 27699-1611

OP

new  
pump  
final &  
manifold  
water

Lot: 32  
pump fee 524.75



Parcel ID: 048693  
File # 390249 PIN#

Property Address: 125 Scotland Dr Yrqs

Applicant or Owner Name: Ashton Rae Resier

### Environmental Health Septic/Well Permit Diagram

Building permits cannot be issued nor should construction begin without Construction Authorization issuance.

- Septic Improvement Permit
- Septic Construction Authorization (CA)
- CA Reissue\*\*
- As Built
- Well Construction Authorization
- Additional Diagram/Specifications Attached

Diagram Date: 2-28-2023 EHS: Joni Jones

\*\*Any previously dated CA diagram is revoked and/or invalid. Confirm this is the valid diagram for the site before beginning any construction.

Installation/grouting inspections may be scheduled the day before, or, the day of installation until 9am by contacting the Environmental Health office at 919 496 8100. A revisit fee may apply if installation is not ready for inspection at the time requested. Septic Operations Permits will be issued after installation is approved, all permits conditions are met, and any outstanding fees are paid. Well Certificate of Completion will be issued after well head approval, all permit conditions are met, and any outstanding fees are paid.

Septic Tank 1000 Pump Tank 1000 Drainfield 3' x 400' Type System Accepted Max Trench Depth 18'

Septic Contractor \_\_\_\_\_ Septic/Pump tank dates 2-13-23 / 2-27-23 Pump fee? NO YES pd

Well Contractor \_\_\_\_\_ Well Grout date: 9-25-23

Bedrooms: 4

\*Drawing submitted by soil scientist

Permit Fee 524.75  
Per Penny 5-25-23

Please install septic system <sup>well</sup> in accordance with attached design sheet(s) submitted by CCSC. Respect all setbacks.

> Enclosures / Attachments

SJE / clamp  
alarm  
water  
off

filter water @ manifold  
small pebbles  
ray/brown clay

FPS 3/4" / 11"  
SJE

pump final 5-26-20