



DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH

ROY COOPER
GOVERNOR

MANDY COHEN, MD, MPH
SECRETARY

MARK BENTON
DIRECTOR

Onsite Water Protection Branch
May 6, 2025

Mitchell David Aslakson
164 Blueberry Ln.
Dunn, NC 28334

RE: Approval No. 1953

Well Cased to Less Than 20 Feet –Rule 15A NCAC 2C .0116
164 Blueberry Ln., Dunn, NC 28334

Dear Mr. Aslakson,

On May 5, 2025, the On-site Water Protection Section received your request to approve construction of a water supply well obtaining water from a depth less than 20 feet in an area not covered by 15A NCAC 02C .0116(b). The approval request is for the construction of two (2) water supply wells located across from 164 Blueberry Ln, Dunn, NC. In your request, you indicated that due the inability to obtain potable water at deeper depths, a shallow screened well was the most reasonable option at this property.

Based upon available information provided, you are approved to construct an water supply well obtaining water from a depth less than 20 feet below land surface, in conformity with the requirements of 15A NCAC 02C .0116(c)(3), that will serve the above referenced site. A copy of this approval should be attached to the required Well Construction Record (GW-1) as well as the county well permit at such time that it is issued.

The approval of this variance does not affect any of the other requirements or limitations of the Well Construction Standards, including but not limited to the requirements in 15A NCAC 2C .0113(b) to repair or to abandon any well which acts as a source or channel for the migration of contamination or to your responsibility to comply with any other applicable Federal, State, or local laws or regulations.

The granting of this approval is for the well location only, and in no way relieves the owner or agent from other requirements of the North Carolina Well Construction Standards, or any other applicable law, rule, or regulation that may be regulated by other agencies, nor does it imply sufficient water quality.

If you have any questions regarding this variance, please contact Wilson Mize at (919) -270-9665
Sincerely,

Wilson Mize

Wilson Mize R.E.H.S

WELL CONSTRUCTION RECORD (GW-1)

For Internal Use Only:

1. Well Contractor Information:

Larry Williford JR
Well Contractor Name
2863-A
NC Well Contractor Certification Number

Williford's Well Drilling
Company Name

2. Well Construction Permit #: SFD 2406 0110
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: 5-6-2025 **Well ID#** _____

5a. Well Location:

David Mitchell Aslakson
Facility/Owner Name
164 Blueberry LN Dunn NC 28334
Physical Address, City, and Zip
Harnett
County
0598-65-3852100
Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.356 N 78.675 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: 26 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 12 (ft.)
If water level is above casing, use "+"

11. Borehole diameter: 6 (in.)

12. Well construction method: mud rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 5 **Method of test:** pumping
13b. Disinfection type: HTH **Amount:** 12 Cup

FROM	TO	DESCRIPTION
16 ft.	26 ft.	tan sand & gravel
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)				
FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	16 ft.	2 in.	SCH40	PVC

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
16 ft.	26 ft.	2 in.	1016	SCH40	PVC
ft.	ft.	in.			

18. GROUT			
FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	15 ft.	Bentonite	4-50lb bags
ft.	ft.		pour/gravity
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)			
FROM	TO	MATERIAL	EMPLACEMENT METHOD
20 ft.	26 ft.	#2 Sand	pour/gravity
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.	topsoil	
2 ft.	7 ft.	reddish sandy clay	
7 ft.	16 ft.	sandy clay	
16 ft.	26 ft.	tan sand & gravel	
ft.	ft.		
ft.	ft.		
ft.	ft.		

21. REMARKS
Variance is included on next page

22. Certification:

Larry Williford JR 5-6-2025
Signature of Certified Well Contractor 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