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April 19, 2024

Ms. A. Shonta Dunston  
Chief Clerk  
NC Utilities Commission  
430 N. Salisbury Street  
Room 5063  
Raleigh, NC 27603

Re: In the Matter of Application by Old North State Water Company, Inc., for a Certificate of Public Convenience and Necessity and for Approval of Rates to Provide Water Utility Service in The Reserve at Falls Lake in Wake County  
**NCUC Docket No. W-1300 Sub 83**  
*Letter from the Department of Environmental Quality Granting Approval of Plans for the Water System*

Dear Ms. Dunston:

In response to the Public Staff's 4-17-2024, notice of deficiency filed in the above referenced docket, provided herewith is the NC Environmental Quality's letter of 2-3-2022, approving the engineering plans and specifications for the above referenced project.

If you have any questions concerning this filing or need any additional information, please let me know.

Thank you.

Sincerely,

*/s/ Elizabeth Sims Hedrick*

Elizabeth Sims Hedrick

A Pennsylvania Limited Liability Partnership



Ms. A. Shonta Dunston, Chief Clerk  
April 19, 2024  
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Attachment

pbb

Copy to: James Bernier, Jr., NC Public Staff  
Reita D. Coxton, NC Public Staff

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Apr 19 2024

ROY COOPER  
Governor  
ELIZABETH S. BISER  
Secretary  
S. DANIEL SMITH  
Director



W-1300 SUB 83

February 3, 2022

Old North State Water Company  
Attention: John McDonald, Managing Member  
P.O. Box 10127  
Birmingham, Alabama 35202

Re: Engineering Plans and Specifications Approval  
Groundwater System  
The Reserve at Falls Lake Subdivision - Phase 4  
Reserve at Falls Lake (Phase 4)  
Water System No.: NC4092213, Wake County  
Serial No.: 21-01094

Dear Applicant:

Enclosed please find one copy of the "Application for Approval..." together with one copy of the referenced engineering plans and specifications bearing the Division of Water Resources stamp of approval for the referenced project. These engineering plans and specifications are approved under Division of Water Resources Serial Number 21-01094, dated February 3, 2022. **This approval has the following condition: Recorded well lot deed/easement documenting that Old North State Water Company owns or has control over 100 feet around the well head must be submitted to our office before Final Approval can be issued for this project.**

Engineering plans prepared by Peter D. Cnossen, P.E. and Christopher A. Lewis, P.E. and specifications prepared by Christopher A. Lewis, P.E., call for the installation of one new well: Well No. 1 with a 12 gallon per minute (GPM) pumping capacity (12 GPM yield), 396 feet total dynamic head (TDH), 2.5 horsepower (HP) submersible pump; well head piping, well/treatment house, sodium hypochlorite feeding system (includes storage tank, metering pump and other related appurtenances) for disinfection, a 5,000 gallon ASME coded hydropneumatic storage tank with automatic pressure controls, approximately 1,450 feet of 6-inch water main, valves and associated appurtenances along Summer Tanager Trail to serve 16 single family lots within The Reserve at Falls Lake Subdivision - Phase 4 located off Durham Road (NC-98), near the intersection with Rock Dove Way in Raleigh, NC.

Hydropneumatic tanks with a capacity greater than 120 gallons must be constructed and stamped in accordance with the American Society of Mechanical Engineers (ASME) Pressure Vessel Code stamped with the ASME "U" symbol stamp, and registered with the National Board of Boiler and Pressure Vessel Inspectors. These tanks must be inspected by the Department of Labor, Boiler Safety Bureau after installation but prior to operation. Please call (919) 707-7918 to schedule an inspection.



North Carolina Department of Environmental Quality | Division of Water Resources  
512 North Salisbury Street | 1634 Mail Service Center | Raleigh, North Carolina 27699-1634  
919.707.9100

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Apr 19 2024


Please note that in accordance with 15A NCAC 18C .0309(a), no construction, alteration, or expansion of a water system shall be placed into service or made available for human consumption until the Public Water Supply Section has issued Final Approval. Final Approval will be issued and mailed to the applicant upon receipt of both an Engineer's Certification and an Applicant's Certification submitted in accordance with 15A NCAC 18C .0303 (a) and (c).

These plans and specifications in the foregoing application are approved insofar as the protection of public health is concerned as provided in the rules, standards and criteria adopted under the authority of Chapter 130A-317 of the General Statutes. This approval does not constitute a warranty of the design, construction or future operation of the water system.

One copy of the "Application for Approval..." and a copy of the plans and specifications with a seal of approval from the department are enclosed. One copy of the approved documents in a digital format (CD) is being forwarded to our Raleigh Regional Office. The second copy of the CD is being retained in our office.

If Public Water Supply Section can be of further service, please call (919) 707-9100.

Sincerely,

  
Robert W. Midgette, P.E.  
Chief, Public Water Supply Section  
Division of Water Resources

RWM/TP

Enclosures: Approval Documents

cc: Shawn Guyer, P.E., Raleigh Regional Office  
Wake County Health Department  
FLM Engineering, Inc.  
Jones & Cnossen Engineering, PLLC  
Compliance Services Branch, Public Water Supply Section  
North Carolina Utilities Commission, Water Division  
Boiler Safety Bureau, Department of Labor