



# Application for Water Tank Reconditioning Plan Approval

(\$100 Review Fee Required)

North Carolina Department of Environmental Quality  
Division of Water Resources  
Public Water Supply Section

Water System Name

Water System Number

Name and Location (Street Address) of Tank

Check box if \$100 review fee (payable to DEQ-Public Water Supply Section) is enclosed.

Asheville Regional Office  
2090 U.S. Highway 70  
Swannanoa, NC 28778  
Phone: (828) 296-4500

Fayetteville Regional Office  
225 Green Street, Suite 714  
Fayetteville, NC 28301  
Phone: (910) 433-3300

Mooresville Regional Office  
610 E. Center Ave., Ste. 301  
Mooresville, NC 28115  
Phone: (704) 663-1699

Raleigh Regional Office  
3800 Barrett Drive  
1628 Mail Service Center  
Raleigh, NC 27699-1628  
Phone: (919) 791-4200

Washington Regional Office  
943 Washington Square Mall  
Washington, NC 27889  
Phone: (252) 946-6481

Wilmington Regional Office  
127 Cardinal Drive Extension  
Wilmington, NC 28405-3845  
Phone: (910) 796-7215

Winston-Salem Regional Office  
450 Hanes Mill Road, Suite 300  
Winston-Salem, NC 27105  
Phone: (336) 776-9800

**Submit this application to the appropriate Regional Office 30 days prior to commencement of work. Work must not commence until the Public Water Supply (PWS) Section has issued a “Water Tank Reconditioning Plan Approval” letter.**

**For Agency Use Only:**

**Regional Office shall forward complete applications (4 pages) to the Central Office.**

**Regional Office shall forward page 1 of 4 with Engineer’s Certification when ready for Final Approval.**

\_\_\_\_/\_\_\_\_/\_\_\_\_ Application and \$100 Fee Received by Regional Office

\_\_\_\_/\_\_\_\_/\_\_\_\_ Complete Application Forwarded to Central Office by Regional Office

\_\_\_\_/\_\_\_\_/\_\_\_\_ Approval Letter Issued by Central Office

\_\_\_\_/\_\_\_\_/\_\_\_\_ Engineer’s Certification and Microbiological Test Results Received by Regional Office

\_\_\_\_/\_\_\_\_/\_\_\_\_ Engineer’s Certification and Microbiological Test Results Received by Central Office

\_\_\_\_/\_\_\_\_/\_\_\_\_ Final Approval Letter Issued by Central Office

# General Project Information

<b>Applicant</b>	<b>Engineer</b>
_____	_____
(Name of Board, Council or Owner – the <b>Applicant</b> )	(Name of <b>Engineer</b> of Record)
_____	_____
(Name and Title of <b>Authorized Official</b> or <b>Representative</b> of the Applicant)	(Name of Engineering Firm)
_____	_____
(Mailing Address)	(Mailing Address)
_____	_____
(City, State & ZIP)	(City, State & ZIP)
_____	_____
(Phone Number)	(Phone Number)
_____	_____
(FAX Number)	(FAX Number)
_____	_____
(Email address)	(Email address)
_____	
(Signature of <b>Authorized Official</b> or <b>Representative</b> of the Applicant)	

Type of Tank: Ground /Elevated / Standpipe / Hydropneumatic / Other \_\_\_\_\_ (Circle One)

Tank Volume: \_\_\_\_\_

Year Constructed: \_\_\_\_\_ Year of Last Reconditioning: \_\_\_\_\_

Number of Tanks in System: \_\_\_\_\_

If one tank, method for maintaining system pressure during recondition: \_\_\_\_\_

\_\_\_\_\_

Water System Interconnections (Public Water System Name):

\_\_\_\_\_

\_\_\_\_\_

Description of Proposed Reconditioning: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Method of Disinfection: ANSI/AWWA Standard C652-11; Method #1, Method #2, Method #3 OR 15A NCAC 18C .1003 (circle one).

Laboratory Performing Microbiological Test(s): \_\_\_\_\_ Laboratory Certification #: \_\_\_\_\_

Tank to be taken out of service on (projected date): \_\_\_\_\_

Tank returned to service on (projected date): \_\_\_\_\_

Remarks: \_\_\_\_\_

Distribution Operator in Responsible Charge:  
Name: \_\_\_\_\_ Certificate #: \_\_\_\_\_

Contractor Information:  
Name: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail Address: \_\_\_\_\_

## Acknowledgements by Applicant

The applicant must **initial below** to acknowledge understanding of the following important information pertaining to the approval of the water tank reconditioning project.

Specification of Materials: --- (Applicant Initials \_\_\_\_\_)

Tank interior and exterior surface are to be prepared in accordance with one or more of SSPC (Steel Structures Painting Manual) surface preparation methods. Painting application must be in accordance with SSPC specifications (prime, stripe, intermediate and finished coats). Interior surface coatings material must be in the Certified Listings of ANSI/NSF Standard 61 and be applied in accordance with manufacturer's recommendations and guidelines.

Paint Removal and Reapplication of Coatings: --- (Applicant Initials \_\_\_\_\_)

1. The Division of Air Quality should be contacted for a ruling on the necessity of the issuance of a permit to cover the preparation of the exterior of the tanks. The following procedure should be used:
  - a. The tank owner should notify the Regional Office, Division of Air Quality, in writing of the intent to sandblast at least five (5) working days prior to the commencement of the project.
  - b. The notification should contain, as a minimum:
    - i Name, address, telephone number and contact person for the tank owner.
    - ii Name, address, telephone number and contact person for the contractor.
    - iii Dates of sandblasting or paint removal.
    - iv Lead content, if any, of paint to be removed (analysis required).
    - v Measures to be taken to minimize off-premises impact of particulates and lead.
    - vi An area diagram showing the nearest residences within 1,000 feet.
  - c. The contractor should be encouraged to utilize measures such as wet blasting, shrouding, chipping, etc. such that impacts on nearby residents and the environment are minimal.
2. The tank owner must forward a copy of this application to: Division of Public Health, Health and Hazard Control Unit, 1912 Mail Service Center, Raleigh, NC 27699-1912, Phone 919/733-0668.

**Waste Removal:** --- (Applicant Initials \_\_\_\_\_)

All debris generated during the removal of the existing paints must be handled properly. If the paint is composed of RCRA metals, the contractor shall furnish the engineer with a certified test report showing Toxicity Characteristic Leaching Procedure (TCLP) results for a representative random sample taken from the debris. Should any result exceed the EPA maximum limit the owner shall have ninety days to dispose of the waste in accordance with the regulations provided by North Carolina's Division of Waste Management. The procedure for waste disposal and obtaining the Provisional Number is outlined as follows:

1. Any waste may be separated into hazardous and non-hazardous portions, e.g. the lead may be separated from the abrasive but the lead cannot be diluted to render it non-hazardous.
2. To apply for a Provisional ID Number, the contractor handling the waste will submit a typed copy to: Administrative Assistant, Division of Waste Management, 1646 Mail Service Center, Raleigh 27699-1646, North Carolina 27611-7687 or faxed to (919) 715-3605 extension 209. Assistance may be obtained from the Division of Waste Management at (919) 733-2178.
3. After the application is approved, a number will be issued over the telephone and a follow-up letter mailed to the contractor.
4. The date issued will be the effective date.
5. The number is good for ninety days and only for the waste indicated. However, time extensions may be granted for unusual, unforeseen circumstances. A written request is required.
6. A copy of the manifest signed by the transporter and disposer will be sent to the Division of Waste Management at the above address within 120 days of the effective date.

**Notifications:** --- (Applicant Initials \_\_\_\_\_)

The Applicant will make appropriate notifications to include interconnected public water systems, impacted customers, local county health department and emergency responders.

**Applicant Certification per Rule .0303(c):** --- (Applicant Initials \_\_\_\_\_)

The public water system has an Operation and Maintenance Plan and Emergency Management Plan as required by Rule .0307 and a certified operator as required by Section .1300.

**Engineer's Certification and Final Approval per Rule .0303(a) and .0309 (a):** --- (Applicant Initials \_\_\_\_\_)

**Tank will not be returned to service until:**

1. The applicant has submitted an Engineer's Certification to the appropriate Public Water Supply Regional Office; stating that all reconditioning and disinfection have been completed in accordance with the requirements of this application and the tank is ready to return to service;
2. The applicant or engineer has submitted microbiological test results to the appropriate Public Water Supply Regional Office; and
3. The Public Water Supply Section has issued Final Approval.