

REQUEST TO PAINT AND COMPLETED WORKS FOR A WATER STORAGE TANK

REQUEST TO PAINT A WATER STORAGE TANK

Description: Prior to the painting of the interior or exterior of a water storage tank, approval must be secured from the Westchester County Department of Health.

Applicable Codes: Part 5, Subpart 5-1, Section 5-1.22 of the New York State Sanitary Code and Chapter 873, Article VII, Section 873.707.1 of the Laws of Westchester County.

Fees: Chapter 873, Article XXI of the Laws of Westchester County.

Submittal: The submittal shall be forwarded to the Westchester County Department of Health, 145 Huguenot Street, 7th Floor, New Rochelle, NY 10801, Attention: Program Administrator. When requesting Approval of Plans for a project pursuant to the above provisions, the following list serves as the minimum filing requirements:

- (1) One (1) original Form DOH-348 with all items completed. This form must be dated and bear the original signature of the applicant.
- (2) One (1) original Engineer's Report bearing the original signature and seal of a Professional Engineer licensed and registered in the State of New York. The Engineer's Report must provide a narrative of the scope, details and specifications of the project and the manner in which water will be supplied to the community during this project. This discussion must include any impacts of the project to the customers and contingency plan if the primary or alternate source is unavailable.
 - (A) Provide a statement that after completion of the project, the water storage tank will be filled, two (2) water samples for the determination of microbiological presence (E-Coli, HPC), and volatile Organic Compounds (EPA Test 524 plus MTBE) levels must be taken at the discharge of the tank at two (2) consecutive 24-hour intervals.
 - (B) Provide a statement that the Department must be notified at the initiative project.
- (3) A minimum of two site plans (plans will locate the tank and receptors).
- (4) Three (3) sets of specifications with the original seal and original signature of a Professional Engineer licensed and registered in the State of New York and must include the following:

- A) A discussion of the method of removal of the existing surface coating for both the interior and exterior. All removal methods including sandblasting must address the reduction of fugitive air emissions, prevention of soil or water contamination.
- (B) If the exterior coating contains lead then sampling of soil for lead in the vicinity of tank must be performed prior to and after completion of the project. Prior project lead results must be submitted to the Department before initialization of the project.
- (A) Denote the type of interior surface coating and its acceptability with respect to NSF requirements.
- (B) Provide manufacturer's requirement for the application, and curing of all interior coats, include parameters such as air temperature, curing time, humidity, and conformity to AWWA D102-03 Section 4.3 or latest AWWA Standard.
- (C) Denote the type of exterior surface coating.
- (D) Provide manufacturer's requirement for the application, and curing of all exterior coats; include parameters such as air temperature, curing time, humidity, and conformity to AWWA D102-03 Section 4.2 or latest AWWA Standard.
- (E) Provide a statement that disinfection of the tank will be performed in accordance with AWWA Standard 652-02 except Section 4.3.13 or latest AWWA Standard.
- (F) Provide a statement that after completion of the project, the water storage tank will be filled, two (2) water samples for the determination of microbiological presence (E-Coli, HPC) and volatile Organic Compounds (EPA Test 524 plus MTBE) levels must be taken at the discharge of the tank at two (2) consecutive 24-hour levels.
- (G) Provide a statement that the Department must be notified at the initiative project.

**ISSUANCE OF COMPLETED WORKS
APPROVAL FOR INTERIOR OR EXTERIOR
PAINTED WATER TANK**

Description: Prior to the activation of a newly surface coated water tank, approval must be secured from the Westchester County Health Department.

Applicable Codes: Part 5, Subpart 5-1, Section 5-1.22 of the New York State Sanitary Code and Chapter 873, Article VII, Section 873.707.5 of the Laws of Westchester County.

Fees: Chapter 873, Article XXI of the Laws of Westchester County

Submittal: The submittal shall be forwarded to the Westchester County Department of Health, 145 Huguenot Street, 7th Floor, New Rochelle, NY 10801, Attention: Project Reviewer. When requesting Approval of Works pursuant to the above provisions, the following list serves as the minimum filing requirements:

- (A) That the supervising Professional Engineer licensed and registered in the State of New York provides a Certification Letter bearing original seal and signature which will be forwarded with microbiological results, volatile organic compounds results, pre and post soil lead test results and a statement that there are no project changes from the original Departmental approval. In the event that project changes do exist and have received prior Departmental approval, this letter must reflect such changes.
- (B) Submit with Certification Letter two (2) water sampling test results for microbiological (E-Coli, HPC) and volatile organic compounds (EPA Method 524 and MTBE) that were performed at consecutive 24-hour intervals at the discharge of the storage tank illustrating complete compliance with the Provisions of Part 5 of the New York State Sanitary Code. In the event that elevated levels are detected, only those compounds that are detected are to be re-sampled at the aforesaid intervals and locations.
- (C) Submit with Certification Letter copies of the pre and post lead soil sampling results and a location map clearly indicating the sampling locations.