STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER SECTION
STORAGE TANK INTERIOR PAINTING PROJECT APPLICATION

Instructions

This application is provided in the interest of facilitating the approval process for a project which comprises the painting/coating and associated repairs of an existing storage tank, and must be submitted to the Department of Public Health (DPH) along with a General Application Form. A document entitled "Storage Tank Design and Construction Guidelines" is available on the DPH's web site http://www.ct.gov/dph/publicdrinkingwater for use as a reference in planning and design of a tank project. Supporting information as identified with an asterisk (*) in this application will need to be provided. Specific and applicable RCSA or CGS will be stated within brackets [ ]. Check off and complete all items that apply to the proposed project.

Section A. General Information

PWS Name: _____

PWSID #: CT_____

Please provide the contact information of the primary person who can answer technical questions regarding this project:

Name: _____

Title: _____

Company: _____

Address: _____

_____

_____

Phone Number: _____

Fax Number: _____

E-mail Address: _____

Section B. Type of Tank(s) to be painted

☐ Standpipe (atmospheric)

☐ Ground Level (atmospheric)

☐ Buried/Bulkheaded (atmospheric)

☐ Elevated (atmospheric)

☐ Hydropneumatic/Pressure

☐ Other: _____

Gross volume (gal./tank): _____

Material of tank: ☐ welded steel; ☐ bolted steel;

☐ concrete; ☐ other _____

Section C. Time Frame for Project Implementation (approximate dates)

Date tank to be taken out of service: _____ Date tank is to be back in service: _____

Section D. Operation of System During Implementation of Project

The project may require a temporary change in system operation as a result of the tank being taken out of service. If applicable, provide a brief description of these changes in an attached document. If temporary storage, piping, etc. is to be provided, these components must be included with this application for review, and approval must be obtained from the DPH prior to implementation. [RCSA Section 19-13-B102(d)(2)]

Section E. Interior Surface Paint or Lining

The DPH accepts the use of an interior paint or lining which is certified to ANSI/NSF Standard 61. ANSI/NSF Standard 61 is a national industry standard pertaining to the certification of drinking water system components. There are third party accredited testing laboratories including, but not limited to, NSF (www.nsf.org), UL (www.ul.com), and WQA (www.wqa.org) which certify drinking water system components to this standard.

Name of product used for interior surface paint/lining: _____

Manufacturer: _____

* Provide a copy of the ANSI/NSF Standard 61 certification/listing for the proposed paint/lining to be used on the interior of the tank(s).

Section F. Modified or Replaced Tank Components (Atmospheric Tanks):

* If the project includes the modification or replacement of vents, overflows, access hatches, drains, etc. plans and specifications and/or manufacturers' cut sheets for these components must be provided so that they can be assessed for compliance. [RCSA Section 19-13-B102(f)(5)(A)]

Check off any of the following items that will be modified or replaced and complete information as applicable:

☐ Vent(s): Type of vent(s): ☐ dome; ☐ inverted J-shaped; ☐ mushroom; No. of vents: _____

☐ protected and screened; mesh size of screen: _____

☐ Overflow: ☐ protected and screened; mesh size of screen: _____

☐ tight fitting flap valve; ☐ duck-bill elastomeric check valve; ☐ air-gapped above grade or above receiving structure, and if not, describe: _____

☐ Access hatches: ☐ in top of tank, ☐ hatch opening has raised curb frame and overlapping cover preventing precipitation from entering into the tank, ☐ hatch frame/cover has continuous gasket;

☐ lock provided; ☐ in top of tank, circular with gasket and bolted cover

☐ Tank drain: discharge location/outlet structure: _____

☐ Footing drain: discharge location: _____

☐ Emergency fill pipe: ☐ with locked cap or equivalent

☐ Inlet pipe and outlet pipe: ☐ common; or ☐ separate; ☐ with isolation valves

☐ Sample tap(s), smooth nose and free of obstructions; and locations ☐ inlet pipe; ☐ outlet pipe

☐ Access ladder: ☐ with security protection, description:

_____

☐ Internal mixing/circulation system (identify type):

_____

☐ Perimeter fencing; ☐ Locked access gate

Section G. Disinfection/Testing

A tank must be effectively disinfected prior to placing into service. [RCSA, Section 19-13-B47]
Method of disinfection to be implemented: _____
Tests must be conducted on a sample from the water stored in tank after disinfection and prior to placing the tank into service for chlorine residual, total coliform, physical parameters and organic chemicals (aka VOCs).

Section H. Certification

This application must be signed by the PWS administrative official, his/her authorized representative, or certified operator of the PWS.

I hereby certify that I have examined the information contained in this application as submitted to the DPH and have determined it to be accurate to the best of my knowledge:

Signature:	Date Signed:
Name (Print):	Telephone #:
Title and Relationship to PWS:	