



# UST Program Update October 2023

## Manufacturer's Compatibility Guidelines

Compatibility is an essential aspect of underground storage tank (UST) operation. UST installers and service technicians are required to follow manufacturer's compatibility guidelines when installing or repairing UST components. State Water Board staff are aware that adhesives commonly used for containment sump repairs are not always compatible with the hazardous substances stored. Several Unified Program Agencies (UPAs) have posed questions about the improper use of these adhesives acting as external seals on failed containment sump fittings. UST components and materials that are not installed or applied in accordance with the manufacturer's compatibility guidelines must be removed and appropriately repaired or replaced.

For more information regarding manufacturer's compatibility guidelines, contact: Austin Lemire-Baeten at (916) 327-5612 or [Austin.Lemire-Baeten@waterboards.ca.gov](mailto:Austin.Lemire-Baeten@waterboards.ca.gov).

## Overfill Prevention Valve Manufacturer's Training

Universal Valve Company (Universal) has developed training for their 47-20 overfill prevention valve. Universal states that this valve is compatible with waste oil and can provide positive shut-off overfill prevention for waste oil tanks. UPAs should ensure that service technicians installing, servicing, or removing these overfill prevention valves are properly trained by the manufacturer.

The 47-20 overfill prevention valve from Universal is not applicable in all scenarios. The valve has a 2" opening, which requires additional tank top fittings if the waste oil tank is equipped with a standard 4" diameter fill riser. Emptying the tank through the 4" riser requires removing the 2" valve to empty the tank with a vacuum truck. Removing the 47-20 overfill prevention valve to empty the tank requires a service technician to remove and reinstall the valve each time the tank is emptied.

For more information regarding overflow prevention valve manufacturer's training, contact:  
Austin Lemire-Baeten at (916) 327-5612 or [Austin.Lemire-Baeten@waterboards.ca.gov](mailto:Austin.Lemire-Baeten@waterboards.ca.gov).

## Website Updates

### ***Red Tag Data***

The red tag application data as part of the January – June 2023 Semiannual UST Program Report (Report 6) has been updated and depicted on the [UST Red Tag Requirements and Guidance webpage](#)<sup>1</sup>.

### ***Single-Walled UST Data***

The State Water Board has been keeping a [list of single-walled facilities](#)<sup>2</sup> for reference on the *Permanent Closure Requirements for Underground Storage Tank with Single-Walled Components* web page. The list of single-walled facilities is collected from the California Environmental Reporting System's data and updated quarterly, most recently in September 2023.

For additional information regarding the website updates, contact:  
Tom Henderson at (916) 319-9128 or [Tom.Henderson@waterboards.ca.gov](mailto:Tom.Henderson@waterboards.ca.gov).

## New UST Leak Prevention Staff

The UST Leak Prevention Unit is pleased to welcome Magnolia Busse to the Certified Unified Program Agency Evaluation Team. Magnolia graduated from California State University Sacramento with a Bachelor of Science degree in geology with a minor in biology. Since then, she has worked professionally in an environmental laboratory focusing on water quality where she held roles as a chemist, microbiologist, department manager, project manager, and in quality assurance. Magnolia can be reached at [Magnolia.Busse@waterboards.ca.gov](mailto:Magnolia.Busse@waterboards.ca.gov).

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<sup>1</sup> [https://www.waterboards.ca.gov/ust/enforcement/red\\_tag\\_regs\\_index.html](https://www.waterboards.ca.gov/ust/enforcement/red_tag_regs_index.html)

<sup>2</sup> <https://www.waterboards.ca.gov/ust/docs/swt-contacts.xlsx>