



UST Program Update March 2018

Single Walled Underground Storage Tank Closure Initiative

As the deadline to permanently close single walled tanks and piping is quickly approaching, the State Water Resources Control Board (State Water Board) with assistance from the United States Environmental Protection Agency (U.S. EPA) has commenced the Single Walled Underground Storage Tank Closure Initiative. This initiative has been developed to maximize the number of single walled underground storage tanks (USTs) permanently closed prior to the December 31, 2025 deadline. Additionally, the initiative will educate UST owner/operators on funding opportunities through the Replacing, Removing, or Upgrading Underground Storage Tanks (RUST) Program and the UST Cleanup Fund. Educational workshops are currently being developed and will be announced once dates and locations have been finalized.

The State Water Board will utilize U.S. EPA contractor, Redhorse Corporation (Redhorse), to collect information available in the California Environmental Reporting System (CERS) to identify all single walled components. For this to be effective, it is vital that all single walled components are appropriately identified in CERS. Redhorse and RUST Program staff will also work with UST owner/operators to determine eligibility for RUST grants and/or loans and assist in preparing RUST applications.

For questions regarding the Single Walled UST Closure Initiative, please contact Ms. Brittany Baugher at brittany.baugher@redhorsecorp.com or (619) 241-4609 Ext 857 or Mr. Tom Henderson at tom.henderson@waterboards.ca.gov or (916) 319-9128.

Violation Library and Compliance Reporting Changes

State Water Board will request changes to the CERS violation library reflecting upcoming amendments to California Code of Regulations, Title 23, Division 3, Chapter 16. Additionally, U.S. EPA made changes in the reporting of significant operational compliance due to the revision of 40 Code of Federal Regulations, Part 280. The State Water Board is working with the California Environmental Protection Agency (CalEPA) to address enhancements to CERS and ensure data collection and reporting to U.S. EPA is successful.

The State Water Board understands the inconvenience these changes present at the local level as modifications to inspection checklists and local reporting tools or portals may be required. We are working with U.S. EPA to develop an acceptable timeline for the implementation of the new UST

compliance performance measures and will keep Unified Program Agencies (UPAs) updated as more information becomes available. If you have any questions regarding changes to the violation library, please contact Mr. Tom Henderson at tom.henderson@waterboards.ca.gov or (916) 319-9128.

Corrosion Observation Online Reporting Tool

The Association of State and Territorial Solid Waste Management Officials' (ASTSWMO) Emerging Fuels Task Force created an online reporting tool for submitting information on UST system corrosion observed during inspections and removals in the field. It is well known some new fuel formulations are associated with accelerated corrosion, clogged filters, and other side effects. ASTSWMO is attempting to understand the scope of this serious problem nationally.

ASTSWMO is requesting regulators, inspectors, contractors, and owners to use the online reporting tool to document incidences of corrosion. The goal is to assemble national data to identify trends and potential challenges before they require expensive corrective action. Information submitted may be shared on the ASTSWMO website and will be accessible to the public. The *Corrosion Observation Online Reporting Tool* can be found on the ASTSWMO web page:
<http://astswmo.org/astswmo-corrosion-observations-tool/>.

CUPA Conference 2018 Training Session Presentations

Laura Fisher presented *The One Stop Shop* which brought attendees the most up-to-date information about the UST Program. Attendees became familiar with activities that have evolved over the past year, as well as insight into what changes lie ahead. The presentation can be found here:
<https://calcupa.org/CMS15/upload-manager/presentations/CUPA-2018/1201-3401-one-stop-2018-fisher.pdf>.

For more information about *The One Stop Shop* presentation, please contact Ms. Laura Fisher at laura.fisher@waterboards.ca.gov or (916) 341-5870.

Lisa Jensen provided insight into new U. S. EPA semiannual UST reports produced with CERS data. Attendees were instructed on how to use CERS and Excel to review UST monitoring and construction information to ensure accurate and complete facility information, as well as how to use CERS data to identify compliance trends. The presentation can be found here: https://calcupa.org/CMS15/upload-manager/presentations/CUPA-2018/7226-10181-cupa-2018_tu-c20-cers-dixon-jensen.pdf.

For more information about the CERS data mining presentation, please contact Ms. Lisa Jensen at lisa.jensen@waterboards.ca.gov or (916) 319-0742.

Tom Henderson discussed the history of the current inspection, repair and lining regulations, the difference between the 1998 upgrade requirements and current corrosion situation causing a sharp increase of repairs in double walled UST systems. Additionally, Tom analyzed current case studies, proper inspection, repair and lining techniques, the determination of structural integrity and how regulatory changes are required to match the current state of USTs. The presentation can be found

here: <https://calcupa.org/CMS15/upload-manager/presentations/CUPA-2018/7948-9938-tank-lining-presentation---dated.pdf>.

For more information about this presentation, please contact
Mr. Tom Henderson at tom.henderson@waterboards.ca.gov or (916) 319-9128.

The *New UST Regulations and Policy* session had two presentations. The presentation by Cory Hootman, *Proposed Federal Reconciliation Regulations*, reviewed the status and updates of 40 Code of Federal Regulations, Part 280 and the proposed California Code of Regulations, Title 23, Division 3, Chapter 16. The second presentation by Tom Henderson, *Title 23, Chapter 16 Rewrite*, was an overview of the concepts for the rewrite of California Code of Regulations, Title 23, Division 3, Chapter 16. Below are links to both presentations.

Proposed Federal Reconciliation Regulations

https://calcupa.org/CMS15/upload-manager/presentations/CUPA-2018/2270-3401-fed_rec_regs_cupa_2018-hootman.pdf

Title 23, Chapter 16 Rewrite

<https://calcupa.org/CMS15/upload-manager/presentations/CUPA-2018/3485-9938-regulation-presentation.pdf>

For more information about these presentations please contact
Mr. Cory Hootman at cory.hootman@waterboards.ca.gov or (916) 341-5668 or
Mr. Tom Henderson at tom.henderson@waterboards.ca.gov or (916) 319-9128.

Proposed Changes to Underground Storage Tank Regulations

The State Water Board proposes to amend California Code of Regulations, Title 23, Division 3, Chapter 16 (California UST Regulations) to make the California UST Regulations at least as stringent as of 40 Code of Federal Regulations, Part 280 (Federal UST Regulations). These proposed amendments are administrative and technical in nature and impose new design and construction, monitoring, notification, testing, inspecting, recordkeeping, training, and reporting requirements. The proposed amendments also include more stringent requirements which are necessary to implement Chapter 6.7 of Division 20 of the Health and Safety Code and modifies certain existing California UST Regulations to be consistent with the Federal UST Regulations. Based on the comments received from the 45-day comment period we anticipate an additional comment period (either 15-day or 45-day) during the month of April.

The proposed rulemaking package is available at:
https://www.waterboards.ca.gov/water_issues/programs/ust/adm_notices/fed_rec_regs.

If you have questions regarding this matter, please contact
Mr. Cory Hootman at cory.hootman@waterboards.ca.gov or (916) 341-5668.