

# **ADEQ's Waste Programs Division**

**Webinar: *Underground Storage Tanks*  
February 28, 2017**



- This webinar will be muted to reduce or eliminate external auditory disturbances;
- The webinar will be available for download at <http://wsppn.org/webinars/>
- If you are experiencing technical difficulties, call 1-800-263-6317, or 1-805-617-7000. Press 2 when prompted.

## **Brought to you by:**

- The Western Sustainability Pollution Prevention Network
- The Arizona Department of Environmental Quality

## Webinar Agenda

10:00 AM      Webinar Overview

10:05              Presentation

10:50              Q&A

11:00 AM      Adjourn



# Arizona DEQ Waste Programs Division Underground Storage Tank Program

Presented by  
Travis Barnum  
Matt Garcia  
February 28, 2017



- AZ UST Program Overview
- What's New?
  - Plan Reviews
  - 2015 HB 2636
  - Rule Updates





- ADEQ UST Program
  - Leak Prevention
    - Plan Reviews
    - Service Provider Certification
    - Inspections
    - Compliance
  - Corrective Actions

- Tanks
- Inspections
- Compliance &
- Enforcement
- (TICE)

≈ 2300 Regulated  
UST Facilities



- Compliance assistance to owners and operators.
- Conduct UST compliance inspections.
- Conduct UST training.
- Provide compliance follow-up after an inspection.

- Enforcement of Owner/Operators who have not achieved compliance .
- Enforcement on leaking underground storage tank sites.
- Provide Install/Closure/Modification inspections and plan reviews.
- Service provider certification and renewals

Travis Barnum - Manager	(602) 771-4196
	<a href="mailto:tb6@azdeq.gov">tb6@azdeq.gov</a>
Matt Garcia - Senior Inspector	(602) 501-8342
	<a href="mailto:mfg@azdeq.gov">mfg@azdeq.gov</a>
Cynthia Davis - Inspector	(602) 501-4761
	<a href="mailto:cr6@azdeq.gov">cr6@azdeq.gov</a>
Danny Gonzalez - Inspector	(602) 501-4143
	<a href="mailto:dg9@azdeq.gov">dg9@azdeq.gov</a>
Jason Rushmeyer - Inspector	(602) 448-2351
	<a href="mailto:jr8@azdeq.gov">jr8@azdeq.gov</a>
Tyrell Mauck – Inspector	(602)771-
	<a href="mailto:rm8@azdeq.gov">rm8@azdeq.gov</a>
Melanie Rodriguez - Compliance Officer	(602) 771-4369
	<a href="mailto:mab@azdeq.gov">mab@azdeq.gov</a>

# T.I.C.E. Staff (cont.)

Summer Igo - Compliance Officer	(602) 771-4240
	<a href="mailto:si1@azdeq.gov">si1@azdeq.gov</a>
Jeff Kettering - Compliance Officer	(602) 771-4270
	<a href="mailto:jak@azdeq.gov">jak@azdeq.gov</a>
Tim Ediger - Compliance Officer	(602) 771-4797
	<a href="mailto:tde@azdeq.gov">tde@azdeq.gov</a>
Amy Aeed - Team Lead	(602) 771-4316
	<a href="mailto:ava@azdeq.gov">ava@azdeq.gov</a>
Samantha Lee - Service Provider/Plan Review	(602) 771-4273
	<a href="mailto:sl5@azdeq.gov">sl5@azdeq.gov</a>

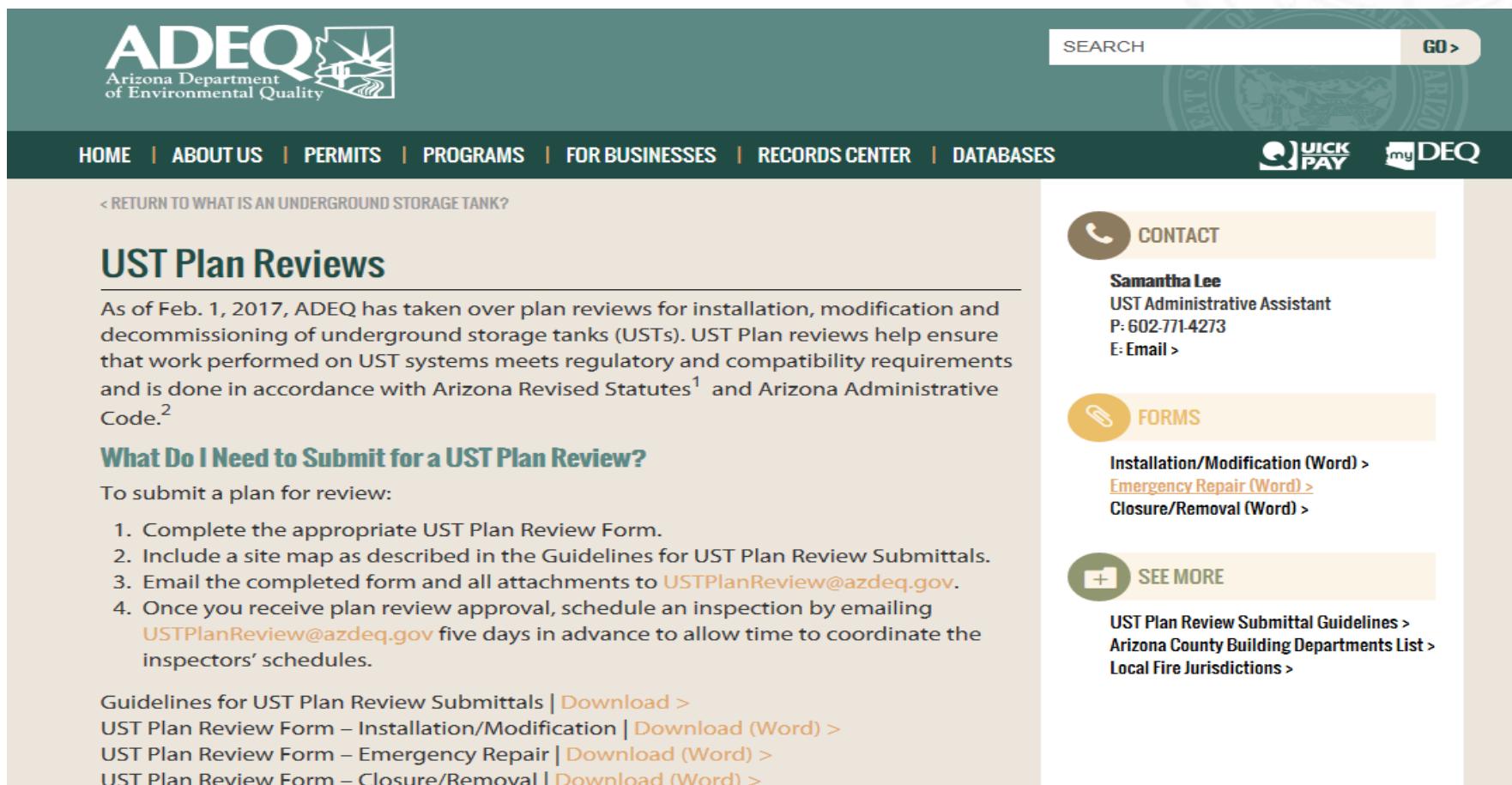


Arizona DEQ Waste Programs Division  
Underground Storage Tank Program

# PLAN REVIEWS

- Effective February 1, 2017 TICE will be conducting plan reviews and inspections of Installs, Closures and Lining/modifications.
- In the City of Tucson you will still need to go through their plan review and permitting.
- Currently there is no cost for the ADEQ Plan review.
- Local fire authority will be issuing permit for all non-UST related items
- TICE is committed to a 3 business day turn around time for each application.

- All Plan Review Request forms can be found on the ADEQ website: [www.azdeq.gov](http://www.azdeq.gov)



The screenshot shows the ADEQ website homepage. The header features the ADEQ logo, a search bar, and a 'GO >' button. Below the header is a navigation bar with links to Home, About Us, Permits, Programs, For Businesses, Records Center, and Databases. On the left, a sidebar includes a 'RETURN TO WHAT IS AN UNDERGROUND STORAGE TANK?' link, a 'UST Plan Reviews' section, and a 'What Do I Need to Submit for a UST Plan Review?' section with a list of submission steps. On the right, there are three callout boxes: 'CONTACT' (with a phone icon and information for Samantha Lee, UST Administrative Assistant, P: 602-771-4273, E: [Email](mailto:Email)), 'FORMS' (with links to Installation/Modification (Word), Emergency Repair (Word), and Closure/Removal (Word)), and 'SEE MORE' (with links to UST Plan Review Submittal Guidelines, Arizona County Building Departments List, and Local Fire Jurisdictions).

SEARCH **GO >**

HOME | ABOUT US | PERMITS | PROGRAMS | FOR BUSINESSES | RECORDS CENTER | DATABASES

**UST Plan Reviews**

As of Feb. 1, 2017, ADEQ has taken over plan reviews for installation, modification and decommissioning of underground storage tanks (USTs). UST Plan reviews help ensure that work performed on UST systems meets regulatory and compatibility requirements and is done in accordance with Arizona Revised Statutes<sup>1</sup> and Arizona Administrative Code.<sup>2</sup>

**What Do I Need to Submit for a UST Plan Review?**

To submit a plan for review:

1. Complete the appropriate UST Plan Review Form.
2. Include a site map as described in the Guidelines for UST Plan Review Submittals.
3. Email the completed form and all attachments to [USTPlanReview@azdeq.gov](mailto:USTPlanReview@azdeq.gov).
4. Once you receive plan review approval, schedule an inspection by emailing [USTPlanReview@azdeq.gov](mailto:USTPlanReview@azdeq.gov) five days in advance to allow time to coordinate the inspectors' schedules.

Guidelines for UST Plan Review Submittals | [Download >](#)  
UST Plan Review Form – Installation/Modification | [Download \(Word\) >](#)  
UST Plan Review Form – Emergency Repair | [Download \(Word\) >](#)  
UST Plan Review Form – Closure/Removal | [Download \(Word\) >](#)

**CONTACT**

**Samantha Lee**  
UST Administrative Assistant  
P: 602-771-4273  
E: [Email](mailto:Email) >

**FORMS**

[Installation/Modification \(Word\) >](#)  
[Emergency Repair \(Word\) >](#)  
[Closure/Removal \(Word\) >](#)

**SEE MORE**

[UST Plan Review Submittal Guidelines >](#)  
[Arizona County Building Departments List >](#)  
[Local Fire Jurisdictions >](#)



Arizona DEQ Waste Programs Division  
Underground Storage Tank Program

**2015 HB 2636**

In 2015, House Bill (HB) 2636 modified the state's UST regulations. Changes include:

## § 49-1002

- Owners or operators are now required to notify ADEQ at least thirty days before bringing an UST into operation.
- A person who sells a tank for use as an UST is required to provide ADEQ documentation demonstrating that they notified the purchaser of notification requirements.

Changes related to UST financial responsibility (FR) requirements:

In addition to meeting federal and state requirements for the amount and scope of coverage required for compliance with FR, additional requirements were added under HB 2636:

## § 49-1006.01

Owners and operators are required to provide ADEQ a copy of documentation from their FR provider when coverage is denied.

UST insurance providers are required to notify ADEQ when coverage is terminated or not renewed.

There are limits to the use of retro-dates for UST insurance coverage.

Owners and operators may request ADEQ's assistance in pursuing claims against their FR mechanism.

HB 2636 also established several new UST financial assistance programs to help with leak prevention and the cost of cleanup.

## Leak Prevention:

- State Lead noncorrective actions (currently implemented)
- UST Grant program (coming soon)

## Cleanup:

- Time-barred claims
- Preapproval Program

Information about these programs will be available on ADEQ's website.



Arizona DEQ Waste Programs Division  
Underground Storage Tank Program

# **NEW EPA UST REGULATIONS**

Changes became effective July 2015 with staggered implementation dates for some of the rules.

ADEQ is currently working to update our rules.

All rules can be seen at

[www.epa.gov/ust/revising-underground-storage-tank-regulations-revisions-existing-requirements-and-new](http://www.epa.gov/ust/revising-underground-storage-tank-regulations-revisions-existing-requirements-and-new)

## 1. Secondary Containment

- A. Must install double wall tanks and piping.
- B. Must use interstitial monitoring release detection.
- C. Line Leak Detectors are still required.
- D. Replaced piping over 50% must be double wall piping.
- E. Under Dispenser Containment (UDC) are required and must be monitored.

## 2. Training

- A. All A, B and C operators must be trained.
- B. Training Programs.
  - 1. The must be testing and proof of training completion.
  - 2. Training program must be approved.
- C. Retraining (if a violation)
  - 1. Within 30 days
  - 2. Not required if:
    - a. A and B receive annual refresher training.
    - b. ADEQ waives the retraining.
- D. Records
  - 1. Must be at the facility.
  - 2. Proof that operator passed the required course.

## 3. Operations and Maintenance

- A. Walk through inspections
  - 1. Every 30 days documented.
- B. Overfill Prevention Inspections
  - 1. Once every 3 years
  - 2. Manufacturer may require annual.
- C. Sumps, Spill Buckets and UDC
  - 1. Once every 3 years hydrostatic test.
- D. Release detection equipment (electronic and mechanical)
  - 1. Annual testing

## 4. Compatibility

- A. Must show compatibility 30 days prior to using with UST.
- B. Compatibility is for the UST system and all of its components.

## 5. Exemptions

- A. The following tanks that have been exempt from some or all of the UST rules are now required to meet all of the UST rules:
  1. Emergency Generators
  2. Field Constructed Tanks
  3. Airport Hydrant Systems

6. Updating Existing Codes and Standards. The following codes and standards have been updated per the new EPA regulations.
  - A. Assessing Tank Integrity, repairs and lining.
  - B. Closure
  - C. Cathodic Protection
  - D. General UST
  - E. Installation
  - F. Release Detection
  - G. Tanks and Piping.

# Questions???

