



Department of
**Environment &
Conservation**

2025 Abandoned Facility Project (AFP) Update

SWD-UST Board Meeting
May 7, 2025

Abandoned Facility Project-Overview

- Project Began in 2012:
 - Problem: Known set of Facilities or tank that were abandoned
 - Funding Availability: Received a legal settlement that allowed funding for this project
- Facilities initially identified for the project included those with:
 - Contact information for Responsible Party (RP) no longer valid
 - RP no longer viable (business dissolved or bankrupt)
 - Lack of response from RP for outstanding compliance issues and/or tank fees (if not in enforcement process)
 - Tanks illegally closed and/or closure was not in accordance with Division requirements (no reporting, no sampling, etc.)

ABANDONED FACILITY PROJECT PROCESS

I. Data collection

- Locate property (bad addresses)
- Obtain current status of USTs and potential risks

II. Contact Property Owner (RP led)

- Give property owner opportunity to conduct the work
- Provide application for financial need determination

III. Determination

- Case referred to enforcement if no action taken
- Financial application reviewed utilizing EPA Financial Software

FINANCIAL INABILITY CONFIRMED

For those where financial need/inability is confirmed then Petroleum UST Fund, the settlement funding (through 2022) along with LUST Trust Grant Funding is utilized:

I. UST(s) locations known

- Division requires state contractor to properly close tanks

II. UST(s) not located initially

- Division conducts a ground penetrating radar (GPR) survey
- If tanks are not located then sampling required to be conducted by state contractor

Funding Sources

- In 2012 a portion of a legal settlement case was obligated for the Abandoned Facility Project totaling \$3.2 Million
- Federal Funding- LUST Trust Grant
- State Fund:
 - Commissioner Memo's:
 - April 19, 2017- Additional funding for previously identified 90 facilities (226-registered tanks)
 - April 8, 2020- Additional 115 Facilities (268-registered tanks)
 - 48 facilities located in distressed/at risk counties
 - March 7, 2024- Additional 71 facilities (198-registered tanks)
 - 26 facilities located in distressed/at risk counties

2017	# of Facilities	Registered Tanks	Tanks Removed	Total Cost	Avg. \$/Site	Avg. \$/Tank
Closed - Sampling Only	15	35	0	\$150,077	\$10,005	\$4,288
Tank Removal w/ Sampling	49	135	166	\$1,584,460	\$33,010	\$9,545
Partial Settlement Funding for Tank Closure ¹	10	27	29	\$37,269	\$3,727	\$1,285
Federal Funded Sampling Only	3	5	0	0	\$0	\$0
SUMMARY	77	202	195	\$1,771,806	\$23,010	\$8,771
Ongoing & Add'l Projects ²	17	-	-	\$226,301	-	-
FUNDING TOTAL				\$1,998,107 ³		

1 - other portion paid by Federal funding

2 - projects at various stages

3 - does not include any costs recovered

2020	# of Facilities	Registered Tanks	Tanks Removed	Total Cost	Avg. \$/Site	Avg. \$/Tank
Closed - Sampling Only	82	178	0	\$887,205	\$10,820	\$4,984
Tank Removal w/ Sampling	100	274	305	\$3,264,846	\$32,648	\$10,704
SUMMARY	182	452	305	\$4,152,051	\$22,813	\$9,186
Add'l Projects ²	17	-	-	\$387,821	-	-
FUNDING TOTAL				\$4,539,872 ³		

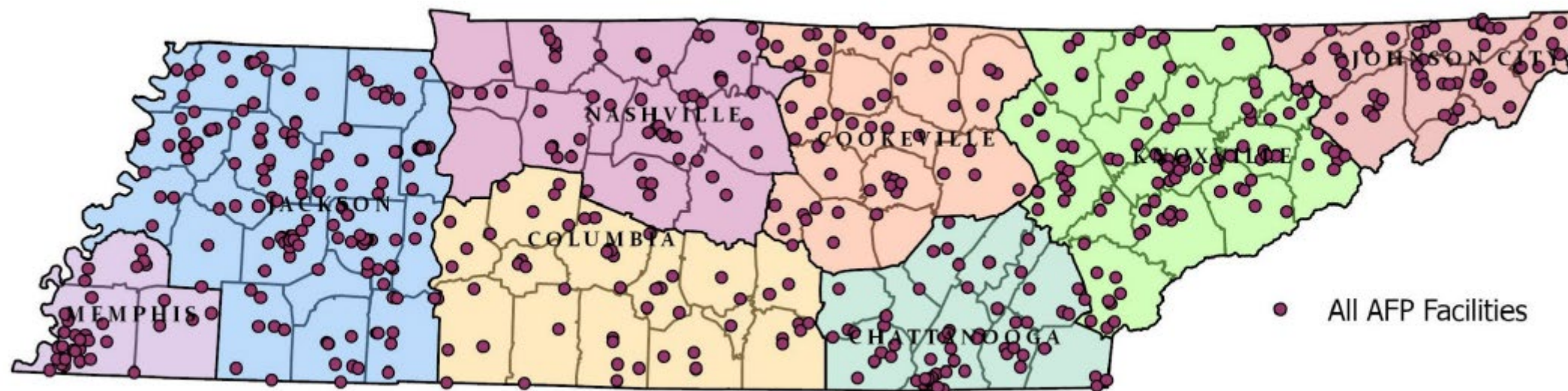
1 - other portion paid by Federal Funding

2024	# of Facilities	Registered Tanks	Tanks Removed	Total Cost	Avg. \$/Site	Avg. \$/Tank
Closed - Sampling Only	153	340	0	\$1,599,289	\$10,453	\$4,704
Tank Removal w/ Sampling	134	364	416	\$4,872,838	\$36,364	\$11,714
SUMMARY	287	704	416	\$6,472,127	\$22,551	\$9,193
Add'l Projects ¹	40	-	-	\$3,185	-	-
FUNDING TOTAL				\$6,475,312 ²		

1 - projects at various stages

2 - does not include any costs recovered

Total Abandoned Facilities



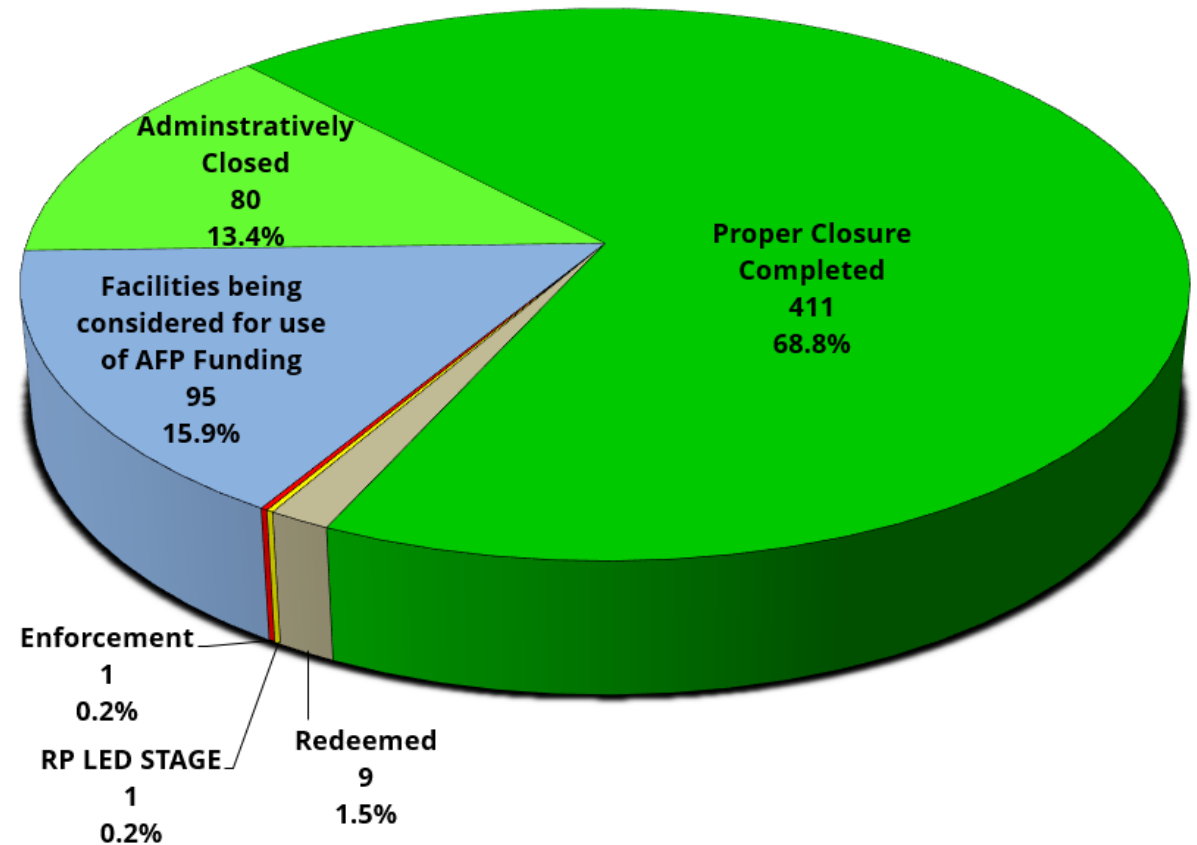
*As of March 2024

Project Overview

- Total of 597 facilities and 1,416* tanks have been a part of the project.
- Closed Projects:
 - **411** Properly Closed Facilities:
 - **533** Tanks removed from ground
 - **59** Tanks Closed in Place
 - **489** Previously Removed Tanks (Soil Sampling only)
 - **80** Administratively Closed Facilities
 - **161** Tanks
- Active Projects:
 - **95** Open Facility Projects
 - 249 Registered Tanks
 - 1 RP Led Case (1 Tank)
 - 1 Enforcement Case (2 Tanks)

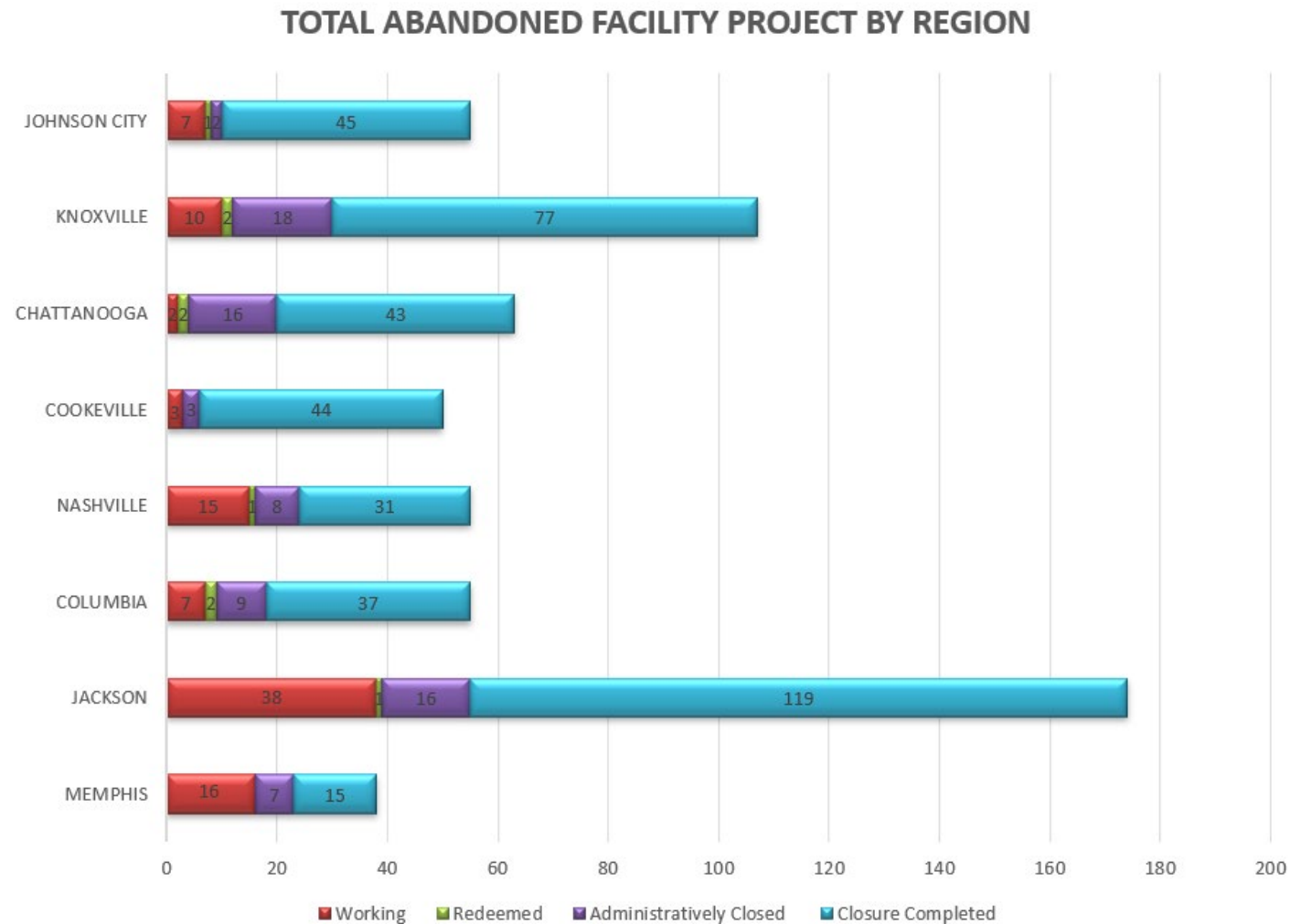
*According to Notification Database

SUMMARY OF ABANDONED FACILITIES PROJECT
(by # of facilities)
04/21/25



Total AFP Facilities per Region

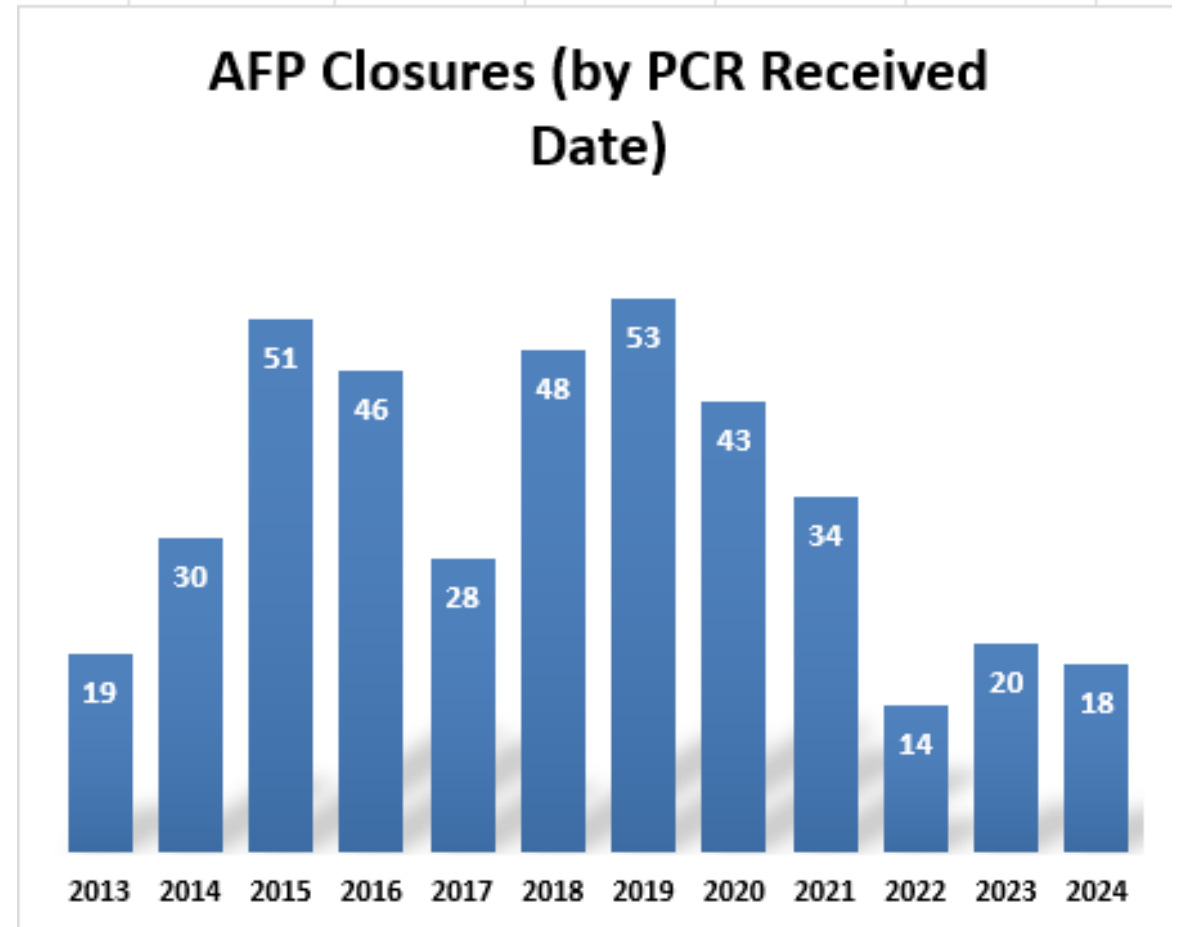
- Johnson City: 55 Facilities (9.2%)
- Knoxville: 107 Facilities (17.9%)
- Chattanooga: 63 facilities (10.5%)
- Cookeville: 50 facilities (8.3)
- Nashville: 55 facilities (9.2%)
- Columbia: 55 facilities (9.2%)
- Jackson: 174 facilities (29.1%)
- Memphis: 38 facilities (6.2%)



AFP Closures

- Historical:
 - Average of **33.5** closures per year over 11 years.
 - **592** Tanks have been removed or closed in place
- Approximately **252** registered tanks* remain
- Evidence of **22** tanks have been identified at **7** facilities

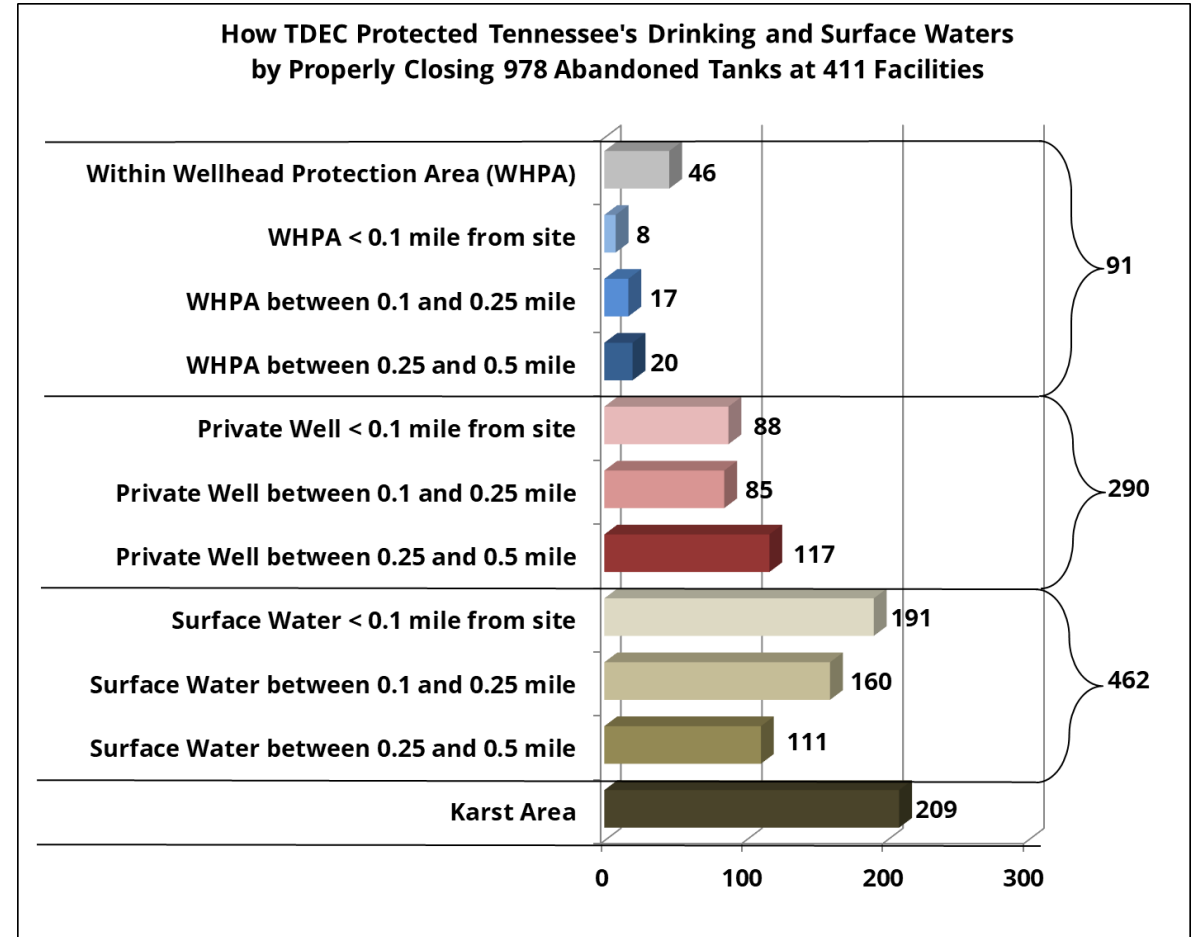
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Protecting Tennessee's Water

- Since 2012:
 - Closed 91* Tanks <0.5 miles from a Wellhead protection area
 - 290* Tanks <0.5 miles from a private well
 - 462* Tanks <0.5 miles from a surface water feature
 - 752* Tanks (77% total project)
 - 209* Tanks within Karst Area
- 961* Tanks (98% total) located within 0.5 miles from WHPA, private well or surface water

*According to Notification Database



Moving forward

- The Division will continue to focus on working the remaining 97 identified facilities across the state
- Prioritizing facilities with highest risk and potential site closure
- Continue to identify potential AFP facilities



Questions?

Contact Information:

Nigel Luther
Nigel.Luther@TN.Gov
423-762-0184