

# STATE OF TENNESSEE

## DIVISION OF UNDERGROUND STORAGE TANKS

### CASE PRIORITIZATION PLAN UPDATE

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# Case Prioritization Plan

- Each plan includes a financial analysis to ensure that obligations never again exceed available funds
  
- The plan accounts for:
  - State owned corrective action system refurbishment cost, system start-up, operation and maintenance, and associated sampling and reporting
  
  - Closure monitoring at sites that have reached clean-up levels
  
  - Investigation of all new releases to determine risk levels
  
  - Emergency funding
  
  - Funding to evaluate new technologies and conduct pilot studies

# Historical Case Prioritization Plan

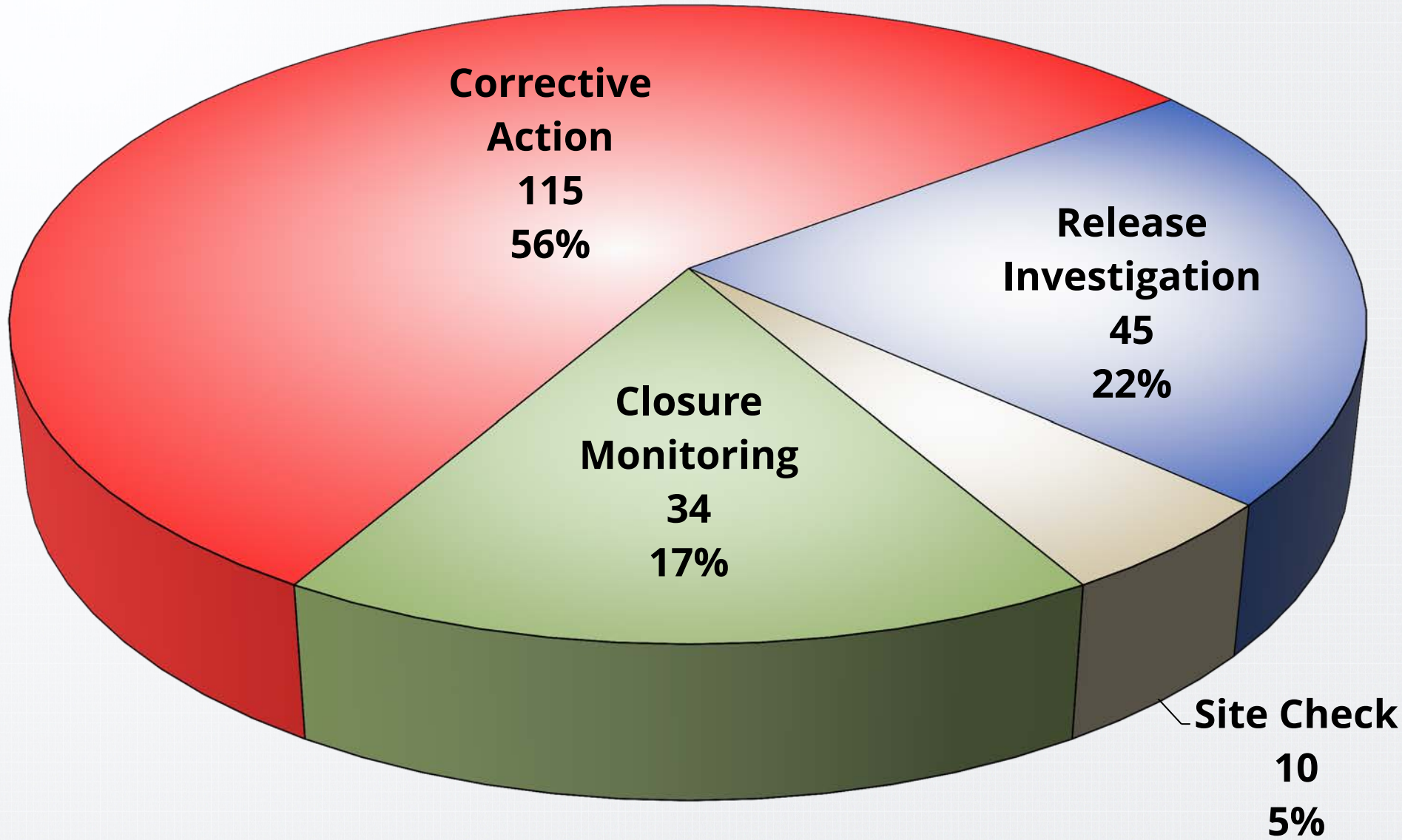
<b>Priority Plan</b>	<b>Total Contamination Cases</b>	<b>Fund Covered Sites Approved for Corrective Action</b>
March 2007	768	71
March 2008	645	57
October 2009	538	89
October 2010	505	43
October 2012	455	48
October 2013	383	26
October 2014	345	20
October 2015	308	20
October 2016	244	24
October 2017	204*	33

All remaining sites are in preliminary assessment, closure monitoring, enforcement, or are not in the Fund

\* - Total Contamination Cases as of August 15, 2017

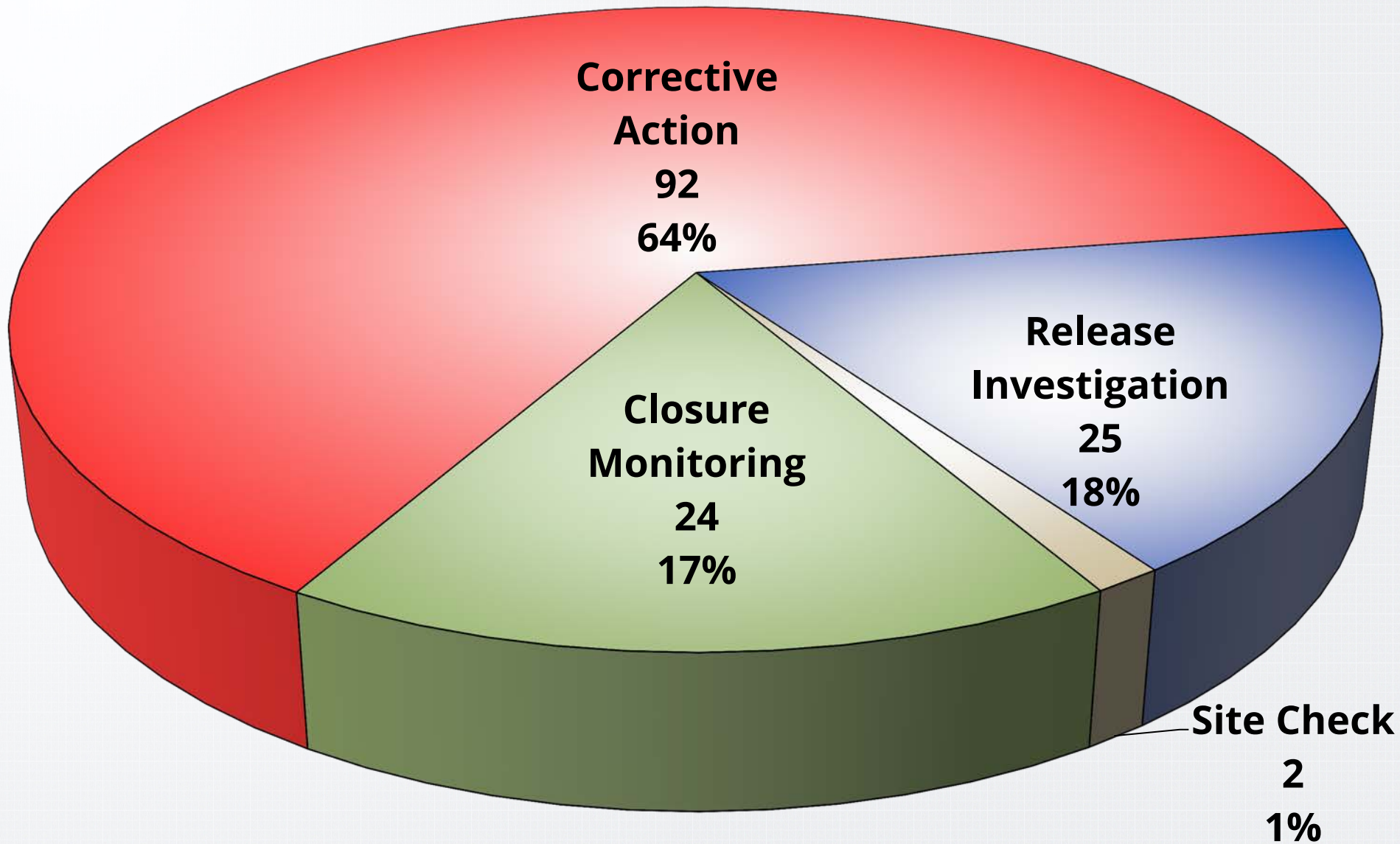


# 204 ACTIVE CONTAMINATION CASES



Contamination cases on August 15, 2017

# 143 FUND COVERED CONTAMINATION CASES



Contamination cases on August 15, 2017

# Case Prioritization Phase X

The current plan provides for:

- Completion of investigation and risk assessment, installation and operation for 1 year with a state owned refurbished system – **33**
- Remediation systems to continue operation – **67**
- Closure monitoring at sites that have reached clean-up levels – **24**
- Non-fund covered sites to conduct investigation and/or clean-up – **61**
- Investigation of new releases to determine risk levels (**last year 55**)
- Emergency response funding - **\$2 M**
- Funding to conduct pilot projects and evaluate new technologies - **\$2 M**

# Continued Success Rate

## 190 State Purchased CAS

- 191 contamination cases have closed following completion of corrective action with contract purchased system

Average time to reach clean-up levels = **2.6 yrs**

Average time through closure monitoring = **3.7 yrs**

# Future Plans

- 1) A continued focus on completing remediation projects where each project is evaluated in detail by Division staff with final review by Director
  
- 2) New and/or alternative technologies will be utilized for sites that are deemed compatible and where a need is identified. Currently using:
  - A. High resolution site characterization (3 sites)
  - B. Trap & Treat (2 sites)
  - C. Horizontal recovery wells (1 site)
  - D. In-situ chemical oxidation, bio-amendment, and surfactant injections (1 site)





**THANK YOU**