

STATE OF TENNESSEE

**DIVISION OF UNDERGROUND STORAGE
TANKS**

**PROJECT PRIORITIZATION PLAN
UPDATE**

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Project 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 for projects that have reached clean-up levels

 - Investigation of all new releases to determine risk levels

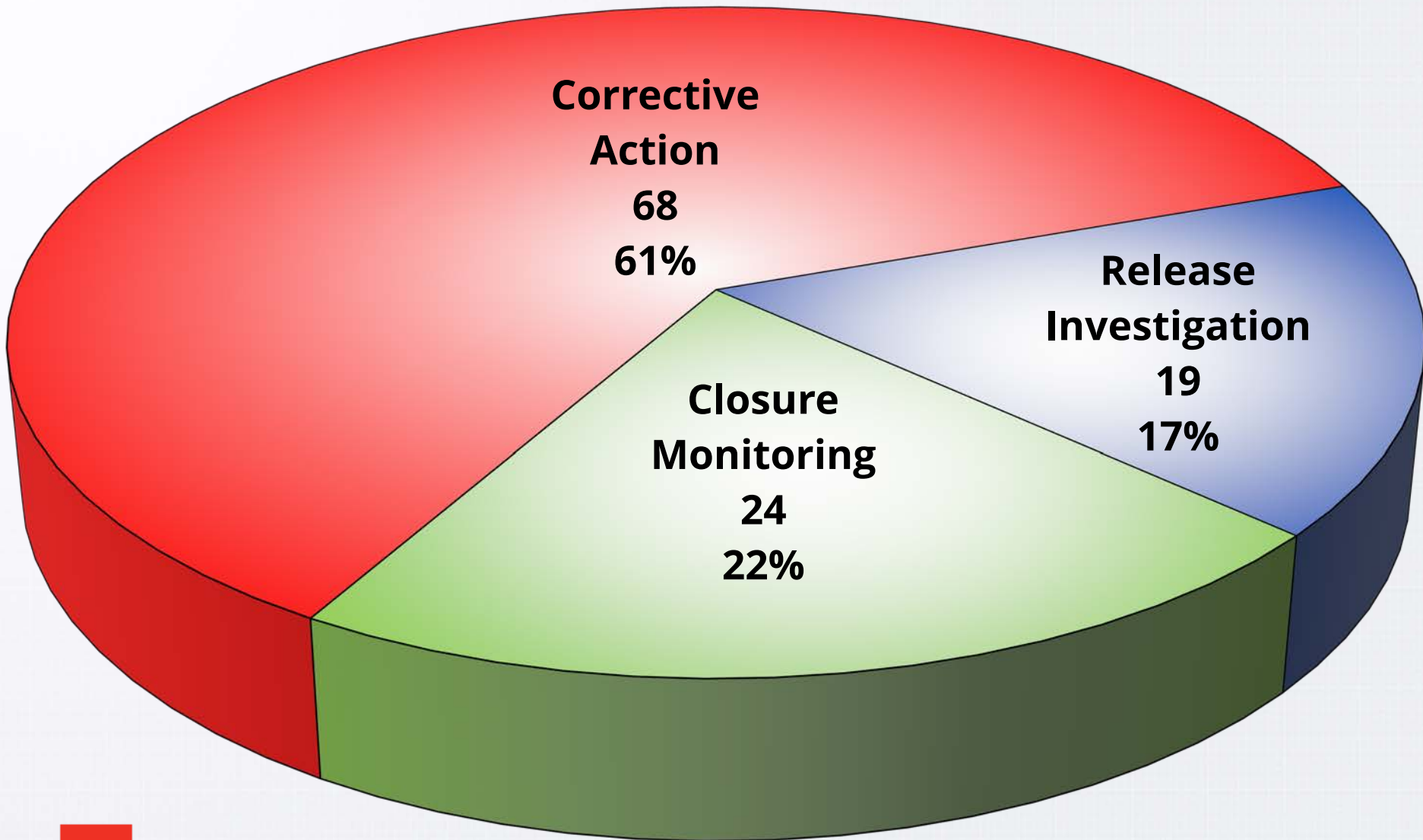
 - Emergency funding

 - Funding to evaluate new technologies and conduct pilot studies

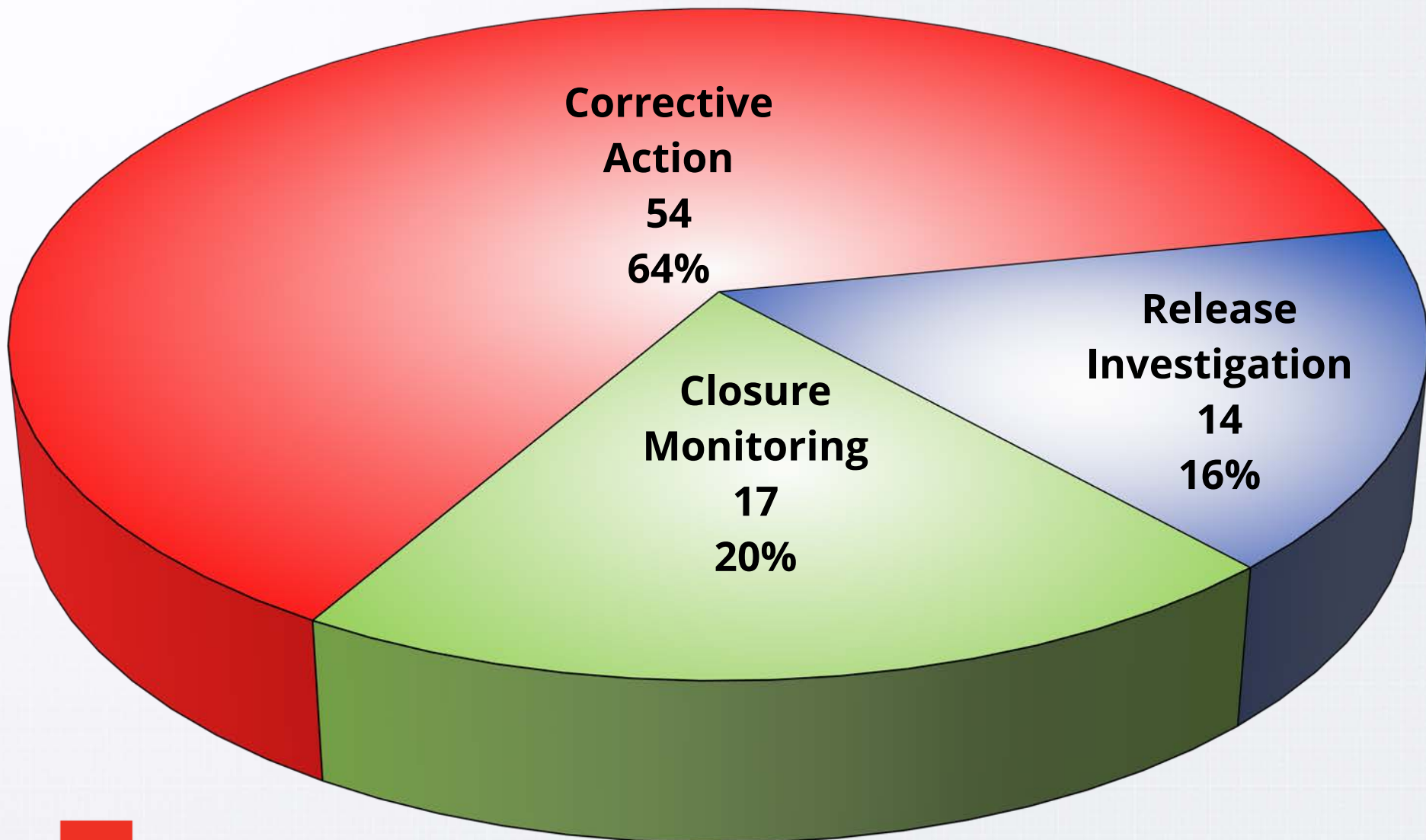
Historical Project Prioritization Plan

Priority Plan	Total Contamination Projects	Reimbursable Projects Approved for Corrective Action
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
October 2018	164	34
January 2020	144	34
July 2021	111	25

111 TOTAL CONTAMINATION PROJECTS



85 REIMBURSABLE CONTAMINATION PROJECTS



Contamination projects on July 1, 2021

Project Prioritization Phase XIII

The current plan provides for:

- Completion of investigation and risk assessment, installation and operation for 1 year with a state-owned refurbished system – **25**
- Remediation systems to continue operation – **39 CAS / 29 projects**
- Closure monitoring of projects that have reached clean-up levels – **17**
- Non-reimbursable projects to conduct investigation and/or clean-up – **26**
- Investigation of new releases to determine risk levels – **45**
- Emergency response funding
- Funding to conduct pilot projects and evaluate new technologies

Continued Success Rate

190 State Purchased CAS
(Sold 51 of those in March 2019)

291 contamination projects have closed following completion of corrective action with contract purchased system

Average time to reach clean-up levels = **2.9 yrs**

Average time through closure monitoring = **4 yrs**



Future Plans

- 1) A continued focus on completing remediation projects where each project is evaluated in detail by Division staff
- 2) New and/or alternative investigation and clean-up technologies will be utilized for projects that are deemed compatible and where a need is identified. Currently using:
 - A. High resolution site characterization
 - B. Activated carbon/bioremediation
 - C. Horizontal recovery wells
 - D. Advanced Modeling



THANK YOU