



Department of
**Environment &
Conservation**

Division of Remediation Update

Steve Sanders, Director, Division of Remediation

Deputy Director Evan Spann, October 2, 2024

Sources of DoR funding

- \$1,000,000 annual appropriation, required by statute (TCA 68-212-203(e))
- Five different EPA grants
- US Department of Defense cooperative agreement for DOD cleanup sites across the state, allows division provide oversight at the DOD projects
- Other revenue sources
 - Fees on hazardous waste (HWRAF)
 - The Division of Remediation collects fees on the generation of waste
 - The Division of Solid/Hazardous Waste Management collects fees on the disposal of waste
 - Cost recovery; voluntary and enforcement (VOAP)
 - Dry Cleaners Environmental Response Program (DCERP)

Hazardous Waste Remedial Action Fund

	Beginning Balance HWRAF
FY17-18	\$2,299,729.22
FY18-19	\$2,552,731.46
FY19-20	\$3,172,364.93 (\$1.7M NPL cost share and Non-DCERP)
FY20-21	\$5,349,833.96 (\$2M NPL cost share)
FY21-22	\$2,704,888.84
FY22-23	\$3,235,643.17
FY23-24	\$4,943,616.25

TCA 68-212-204 establishes the Hazardous Waste Remedial Action Fund (HWRAF) to provide funding to implement the Act and includes all Division revenues, including obligated and unobligated funds.

Hazardous Waste Remedial Action Fund

	HWRA Fees Collected
FY17-18	\$2,299,969.53
FY18-19	\$1,964,938.92
FY19-20	\$2,216,321.58
FY20-21	\$1,957,014.69
FY21-22	\$1,929,441.33
FY22-23	\$184,548.81 (collected to date)
FY23-24	\$2,006,382.43

Except for Voluntary program cost recovery, revenue is generally outside of the Division's control. Major trends impacting the division's funding include personnel cost increases and TDEC internal costs. Due to its funding structure, costs associated with Pay for Performance are borne entirely by the Division of Remediation.

- The Division currently has 56 positions, with 12 vacancies. The Division's increasing workload and recent programmatic investments (BRAG and TN Clean) demonstrate a need to fill these vacant positions to increase its workload capacity.
- The Division's annual expenses (divided into personnel, operating, and internal administration) generally fluctuated between \$6M and \$6.96M.
- The Division's largest annual expense is personnel costs, with the Division's personnel costs have increased by \$1,011,158 since 2015.

FY23-24 Budget for Programs

- TN Clean Program - \$22,389,626.52
- NPL SSC Obligations - \$10,249,509.39
- Non-DCERP Program - \$260,077.72

Non-DCERP Dry Cleaners

- FY23-24 beginning balance for the Non-DCERP Program was \$260,077.72.
- The Division is currently working on sites where public drinking water sources have been impacted in communities across west Tennessee.
- It is estimated that between 75 and 90 percent of drycleaner sites are contaminated (Schmidt, Robin, R. DeZeeuw, L. Henning, and D. Trippler. June 2001).
- The Division of Remediation has encountered several former drycleaner sites which either predate the DCERP statute or never registered with the program that are linked with known contamination. For example, the Division has investigated impacted drinking water aquifers in West Tennessee (Alamo, Union City, Friendship, and Jackson) contaminated by former drycleaner locations.
- The DCERP is aware of over 750 drycleaner locations (sites which have registered with the DCERP since 1995). Considering that drycleaning began as early as the 1940's, there are potentially significantly more unknown sites. And based on the assumption that 75-90% of dry cleaners are contaminated, the potential number of unknown sites is significant.

Total TN CLEAN Spending as of July 4, 2024

Grand Total

\$1,639,614.01

Project Totals

Wall Tube & Metal	\$ 59,651.90
Former Mark IV Electro-Voice	\$134,757.04
Velsicol/Residue Hill	\$ 22,443.34
Morningside Chemical	\$100,504.93
Henry County Boneyard	\$ 64,775.27
Roscoe Fields Property	\$ 99,382.91
Former Murray Ohio Plant	\$108,149.91
Boone Dry Cleaners	\$254,186.41

Total TN CLEAN Spending as of July 4, 2024

Project Totals cont'd

Rockwood Iron & Metal	\$ 3,182.95
Joyner Scrap Yard	\$104,882.65
Chromasco	\$ 92,042.51
Chapman Chemical Co	\$ 14,141.08
John Little Drum	\$ 25,823.58
Creotox Chemical	\$148,142.90
Fiberfine-Memphis	\$ 24,708.33
Old Waynesboro Dump	\$ 57,783.30
Program Management & Admin	\$325,055.00

DCERP Spending

- The DCERP provides services to current and former dry-cleaning facilities across the State. There are currently 187 operating dry cleaners registered with DCERP and 37 (35 drycleaner facilities and 2 solvent suppliers) facilities enrolled in the response program.
- Over the last five years, the number of registered dry cleaners has decreased by 59.
- DoR was provided \$5M in the FY23-24 Budget to fund investigations at sites currently enrolled in the response program.
- The DCERP's current balance (excluding interest) is \$5,374,059.
- Meaning DCERP revenues (registration/solvent surcharges, etc.) were only \$374,059.
- To date, the DCERP has obligated \$300,024 in NTPs to approved Dry Cleaner Approved Contractors on 33 sites. There are currently 8 DCACs.

BRAG Awards



- ✓ Awards identified
- ✓ Contracts drafted
- Contracts out for approval/ signature
- 2025 Grant Manual (this fall)
- 2025 Application Window (Q1, 2025)

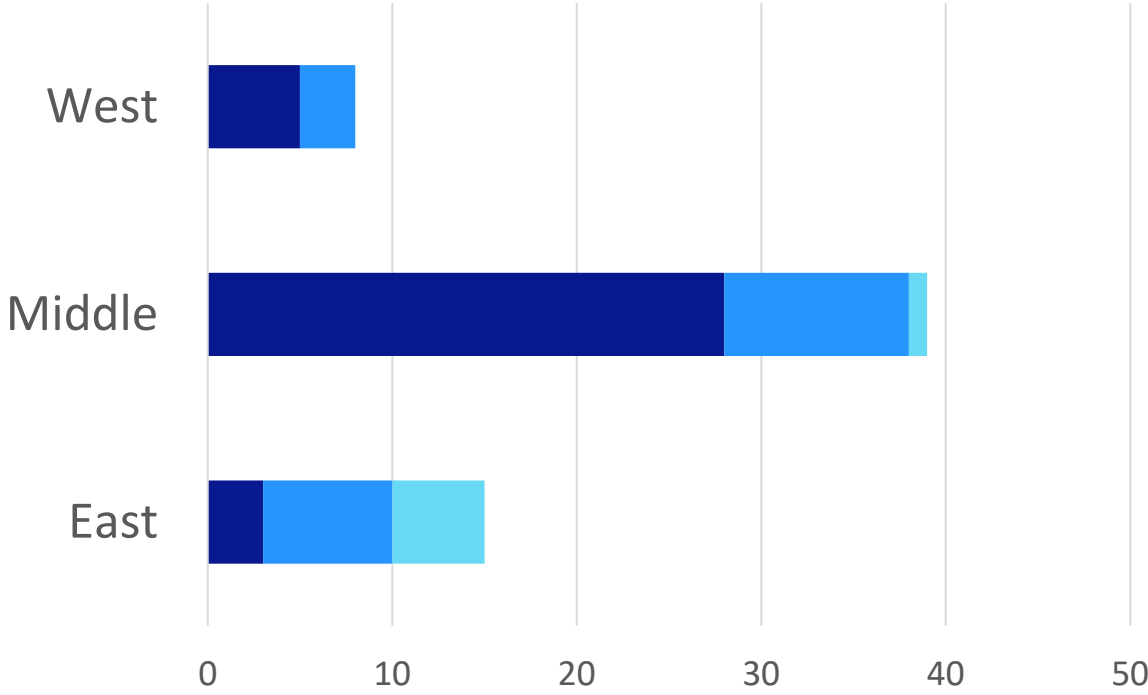
We are here now



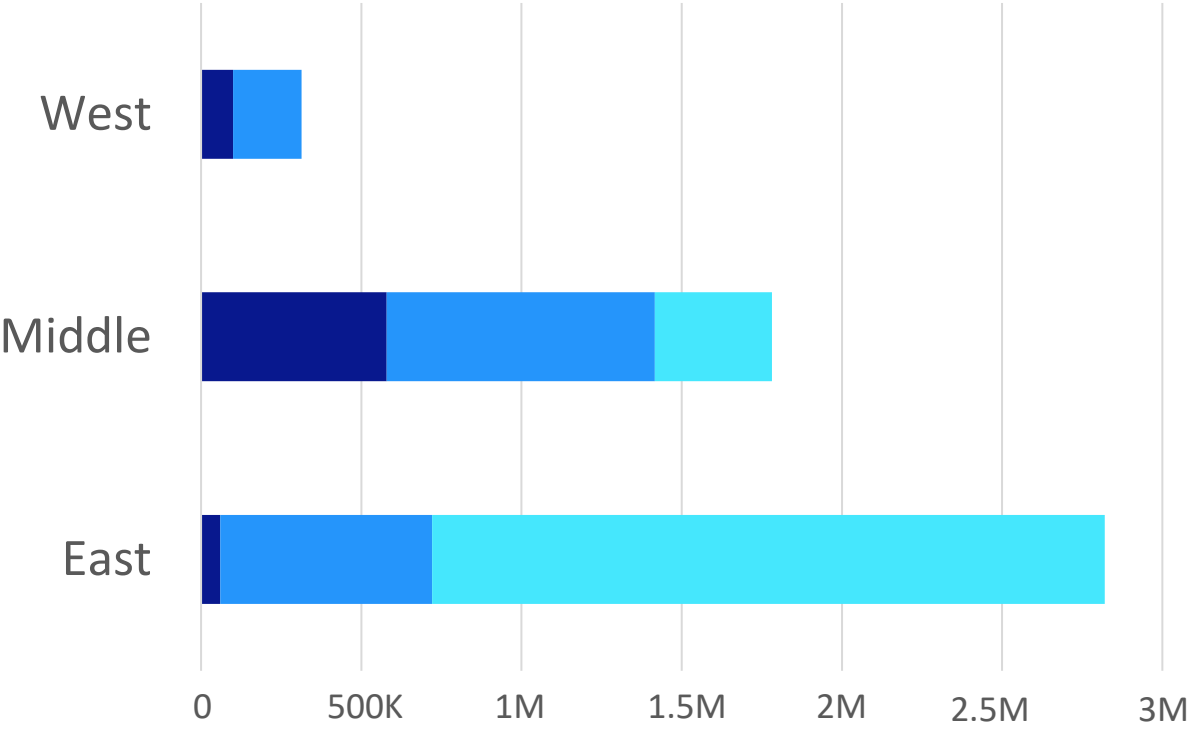
On July 23, 2024 TDEC announced 36 Brownfield Redevelopment Area Grants (BRAG) totaling \$718,757 for brownfield identification projects across the state.

BRAG Awards

Number of applications



Value(\$) of applications



■ Identification ■ Assessment ■ Remediation

