

# Environmental Remediation Program Update

Justin Buckler - ERP Director

# Program Overview

- **Formerly the Hazardous Waste Program**

- Reorganized with the Solid Waste Management Program in 2019
- Moved Hazardous Waste Permitting/Enforcement to Waste Management Program
- Moved Tanks Enforcement to Environmental Remediation Program

- **What We Do**

- Oversee the cleanup and removal of hazardous waste, hazardous substances, and petroleum contamination from improper management of waste materials leaked, dumped, spilled or otherwise released onto Missouri lands.

- **Staffing**

- 6 Sections w/ 103 FTE at Full Staff



# Budget and Planning

- **Led by Lauren Cole**
- **Key Functions:**
  - Budget Preparation
  - Grant and Fund Management
  - Billing and Procurement
  - Records Center
- **Updates:**
  - Records Center processes more than 180 sunshine requests per month, little if any backlog
  - Management of the Hazardous Waste Fund



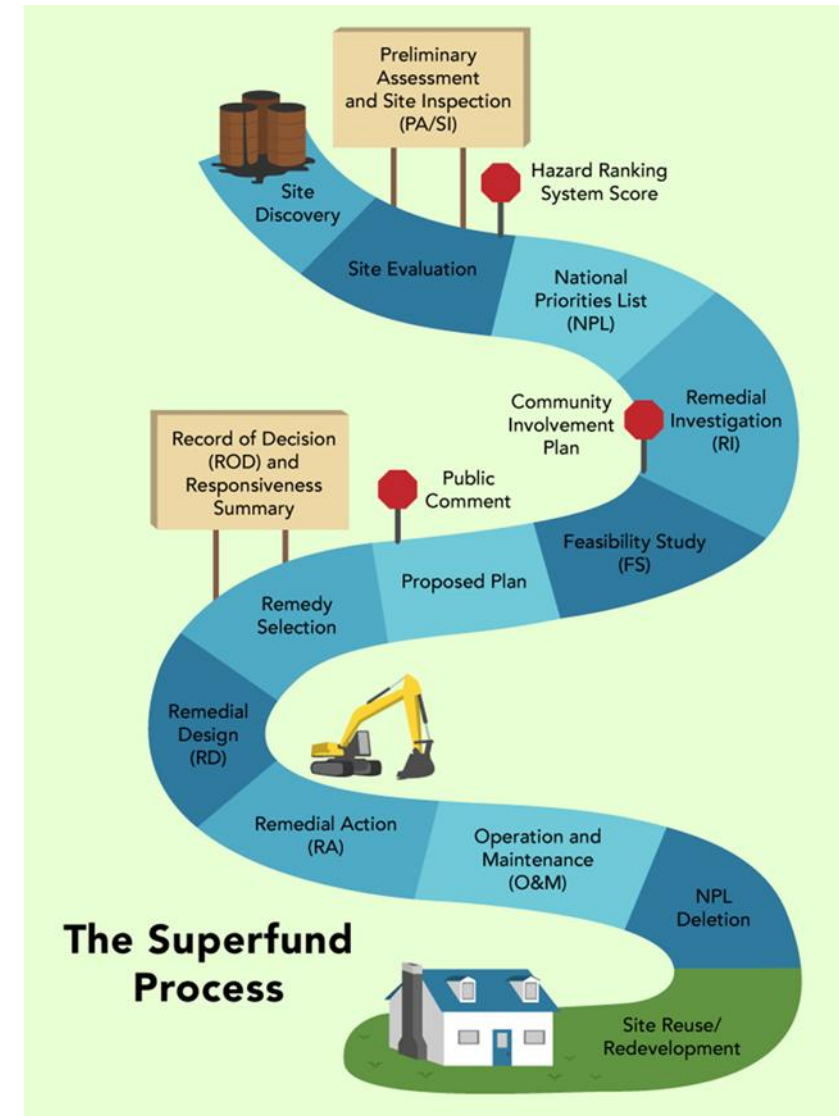
# Brownfields/Voluntary Cleanup Program

- **Led by Scott Huckstep**
- **Key Functions:**
  - Provides funding and technical assistance to help assess properties
  - Oversees cleanups
  - Provides long-term stewardship of completed sites for ERP
  - Maintains the Environmental Site Tracking and Research Tool (E-START)
- **Updates:**
  - Cleaned up more than 1,080 sites helping to bring them back into use
  - Approximately 41% of sites complete the process within 2 years



# Superfund

- **Led by Chinwe Ndubuka**
- **Key Functions:**
  - Investigates and Assesses Suspected Superfund Sites
  - Clean-Up and Long-Term O&M of Superfund Sites
- **Updates:**
  - 28 National Priority List Sites
  - 29 State Lead
  - EPA's 2025 Lead Directive
    - Maintains Regional Screening Level – 200 ppm
    - Changes Removal Management Level – from 200 ppm (2024) to 600 ppm
    - Removes alternative screening levels



# Federal Facilities

- **Filling Section Manager Position**

- **Key Functions:**

- Provides oversight for site management, investigation, and cleanup at Federally Owned or Operated sites
- Manages radioactive waste transport permitting

- **Updates:**

- Record year for USDA Grain Bin Sites
- 433 shipments of radioactive waste moved through the state safely
- Hardesty Federal Complex



# Underground Storage Tanks

- **Led by Angela Oravetz**
- **Key Functions:**
  - Promotes responsible installation, operation, and closure of USTs
  - Oversees cleanup and remediation of releases from USTs and ASTs
- **Updates:**
  - ~3,196 active facilities
  - 702 ongoing cleanups
  - Closed 91% (~7,600) of all releases reported to date
  - 93% technical compliance rate (National Average - 61%)



# Natural Resource Damages and Restoration

- **Led by Leigh Baalman**
- **Key Functions:**
  - Restores areas damaged by hazardous substances with intent to restore those back to pre-release conditions.
  - Serves as Co-trustee w/ USFWS and USFS for NRDAR Claims in Missouri
- **Updates:**
  - Most projects are in Southwest and Southeast Missouri
  - Restored/Restoring 2,771 acres of land in Missouri



# Environmental Site Tracking & Research Tool (E-START)

- **Purpose:** To make site information publicly available, easily accessible, and provide a transparent, consistent information resource that helps ensure property is used safely.
- **Types of Sites:**
  - Superfund and Federal Facilities
  - Hazardous Waste Treatment, Storage, and Disposal Facilities
  - Brownfields/ Voluntary Cleanup Program
  - Petroleum Storage Tanks
- **Key Features:**
  - Interactive Map
  - Downloadable Data Layers
  - Some Site Documents



# Environmental Site Tracking & Research Tool (E-START)

**MISSOURI DEPARTMENT OF NATURAL RESOURCES** Missouri E-START

Home Search Full Extent

**MAP LAYERS**

**2024 IMAGERY**

- HAZARDOUS SUBSTANCE INVESTIGATION AND CLEANUP SITES**
  - Activity and Use Limitation Area
  - Site Area
  - Active
  - Long-Term Stewardship
  - Environmental Notice
  - Completed
  - Brownfield Assessment
  - Inactive VCP (Terminated/Withdrawn)
- REGULATED PETROLEUM AND HAZARDOUS SUBSTANCE STORAGE TANK FACILITIES**
  - Activity and Use Limitation Area
  - All Operating Underground Storage Tank Facilities
    - Investigation/Corrective Action is Ongoing or Incomplete
    - No Further Action Letter Issued With Restriction
    - Facility Closed Prior to Implementation of 2004 Tanks RBCA
    - No Further Action Letter Issued Without


Map showing Missouri with markers for Iowa, Illinois, Kentucky, and Arkansas. Includes a search bar and zoom controls.

100 km  
60 mi


# Environmental Site Tracking & Research Tool (E-START)



Site Map

 No Further Action Letter Issued With Restriction

### Site/Facility Summary



| FACILITY INFORMATION             |  |
|----------------------------------|--|
| Facility Identification Number   | ST0003953  |
| Release Identification Number(s) | R008425 Inactive   |
| Facility Name                    | HY VEE GAS #1081   |
| Address                          | 501 E NIFONG   |
| City                             | COLUMBIA   |
| ZIP                              | 65201  |
| County                           | BOONE  |
| Facility Type                    | All Operating Underground Storage Tank Facilities  |
| Status                           | No Further Action Letter Issued with Restriction   |
| Summary                          | A petroleum or hazardous substance storage tank closure or regulated release was addressed under the Missouri Risk-Based Corrective Action Guidance for Petroleum Storage Tanks. Evaluation of environmental media found that concentrations of any remaining contaminants, if present, do not pose an unacceptable risk to human health or the environment provided that Activity & Use Limitations applied to this property remain in place. Please review the Department of Natural Resources site file for more information. |
| Lead Regulatory Agency           | DNR/Hazardous Waste Program/Tanks Section  |

| REMEDIATION AND TANK CLOSURE INFORMATION            |  |
|---|--|
| Contaminants of Concern Remaining On-Site Documents | Petroleum constituents<br><a href="#">NO FURTHER ACTION LETTER</a> |

[Click here to download a PDF for this site](#)



# QUESTIONS