What does RRD do?

Leaking UST Releases

Environmental Contamination Sites

Brownfield Grants & Loans

Superfund
RRD
2018 Budget

Part 201 Operations
$24.0 M/yr
167 FTEs

Part 201 Projects
$20 M/yr

Part 213 Operations
$13 M/yr
85 FTEs

Part 213 Projects
$16 M/yr

Lab
$6 M/yr
39 FTEs

$79 M/yr
296 FTEs
Active Sites Map

Total: 15,000 Sites
RRD
Fiscal Year 2017 Accomplishments

State funds invested to manage risk

- $25.5 M expended on 711 sites
- $9.3 M awarded Grant & Loans for 13 sites
- $3.25 M state funds leveraged $32.4 M in federal dollars at 3 Superfund sites
- Analyzed 218,116 lab samples
- Over 200 investigations conducted by Geological Services.
- Over 200 sites through RPF Triage
Fiscal Year 2017 Accomplishments

Protection of Public Health and Welfare

- Criteria package—over 50,000 criterion developed
- $1.5M settlement and cost recovery
- Over 400 residential wells tested for PFAS (>2000 today)
- Provided alternative water supplies
- VIAP evaluated at 320 sites (now 763)
- Emergency Planning Outreach
- Brownfield Community Outreach
- LUST release backlog reduced
Michigan LUST Cleanup Backlog
FY 2004-2017

Cumulative Open Releases
RRD
Fiscal Year 2018 Priorities

• Make progress on backlog
• Follow up on Triage sites
• Assist with closure options, including with the VIAP
• Part 215 Amendments
  • Legacy Program Reimbursement for work on older releases *(all money is committed)*
  • $5M Grants and Loans for Part 213 Brownfield redevelopment
RRD
Fiscal Year 2018 Priorities

- Brownfield Redevelopment Assistance
- Hot Topics
- Sustainable Funding
- Succession Planning
Brownfields

- 2018 Community connections: 834
- 2018 Grant and Loan funding (CMI + Supplemental): $16M for 29 projects
- 2018 Refined Petroleum grant funding: $1.6M for 10 projects $3.4M remaining
Continuing Hot Topics

- Vapor Intrusion
  - Grand Rapids
  - Detroit
  - Petoskey

- PFAS
  - Military Bases
  - Tanneries
  - Plating Facilities

- 1,4 Dioxane
  - Ann Arbor
Emerging Contaminants

- PFAS not likely to be the last contaminant!
- Evaluate and establish process to involve the right agencies and communities as we address sites and as the science evolves
- Example actions needed: Residential well sampling, air monitoring, investigation into source, immediate mitigation, long term solutions
- Coordination with multiple state, local and federal officials is necessary
Sustainable Funding

- FY ‘19 Budget Proposals
  - Governor’s Budget
  - House and Senate Committees
- Senate Bill 943
Succession Planning

Lots of Experience!

- 265 staff in RRD
- 25 have retired in the last 2 years
- 90 are eligible to retire in the next 2 years
- 44% eligible in the next 5!
How to Capture the Knowledge

• Filling crucial vacancies early—job shadowing
• Build in redundancies, cross train
• Use management tools like 4 DX or Op Ex
• Document, document, document
• Manage files properly
• Train staff early and often!
Creating a future where Michigan’s contaminated properties are reliably managed, revitalized, and the public health and environment is protected.
Questions