

Remediation and Redevelopment Division

April 25, 2017



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Acting Division Director*

What does RRD do?



Leaking UST Releases



Environmental Contamination Sites



Brownfield Grants & Loans



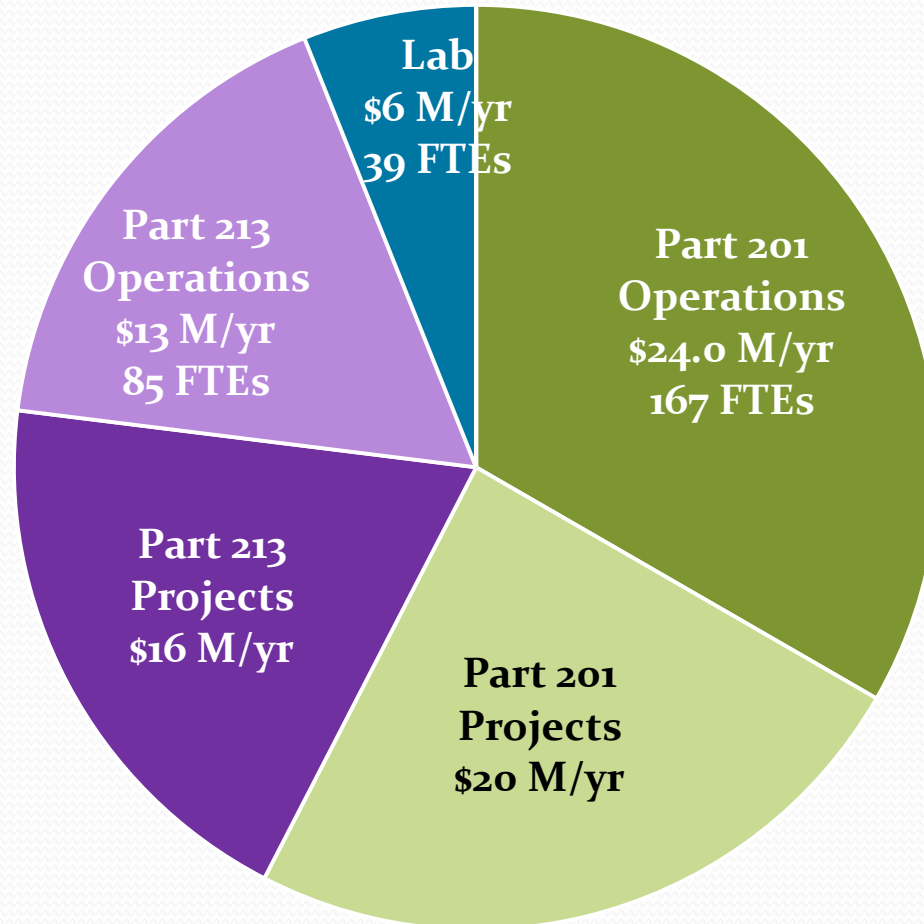
Superfund

RRD

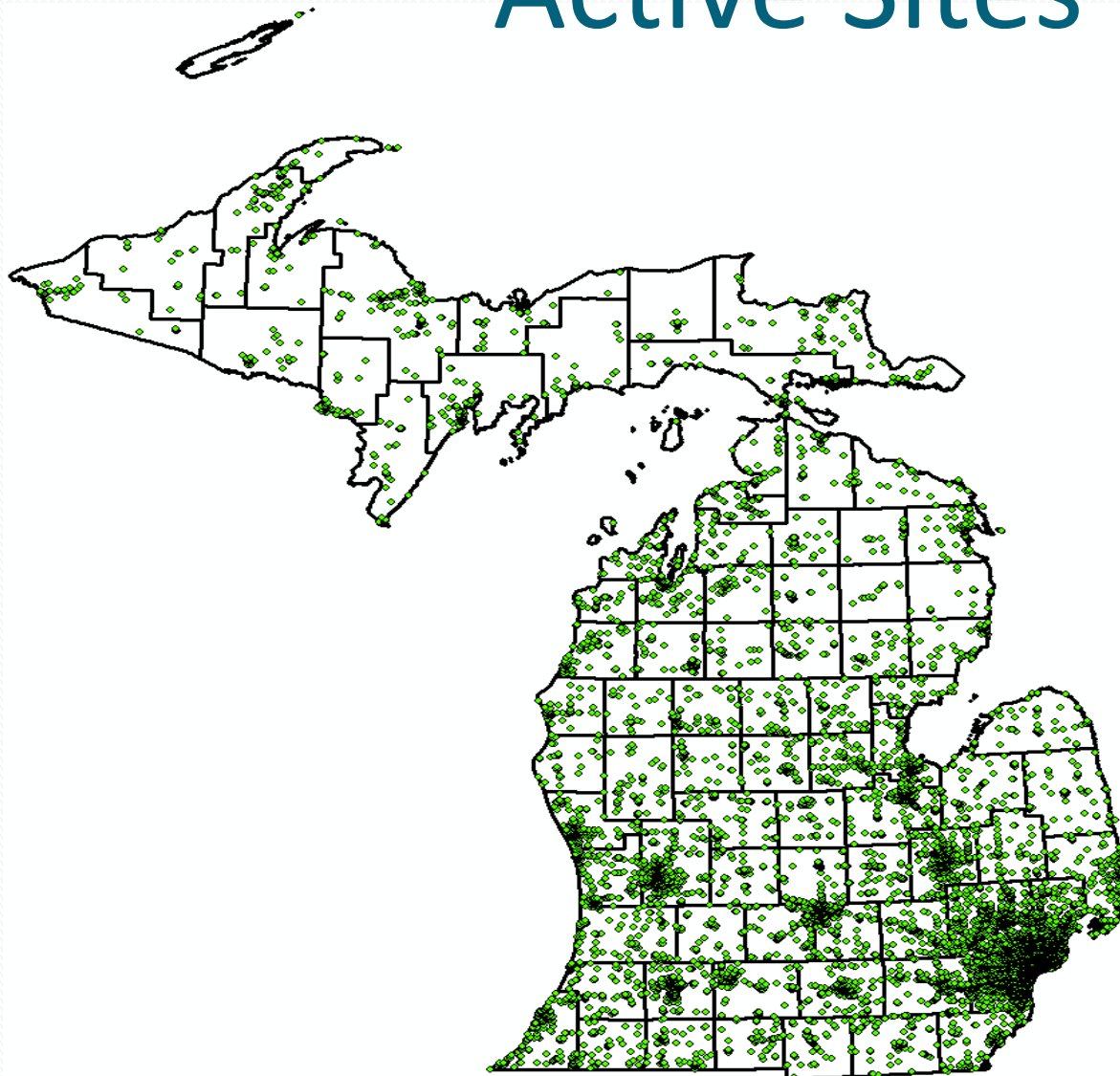
2018 Budget

, \$0.0

\$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



RRD

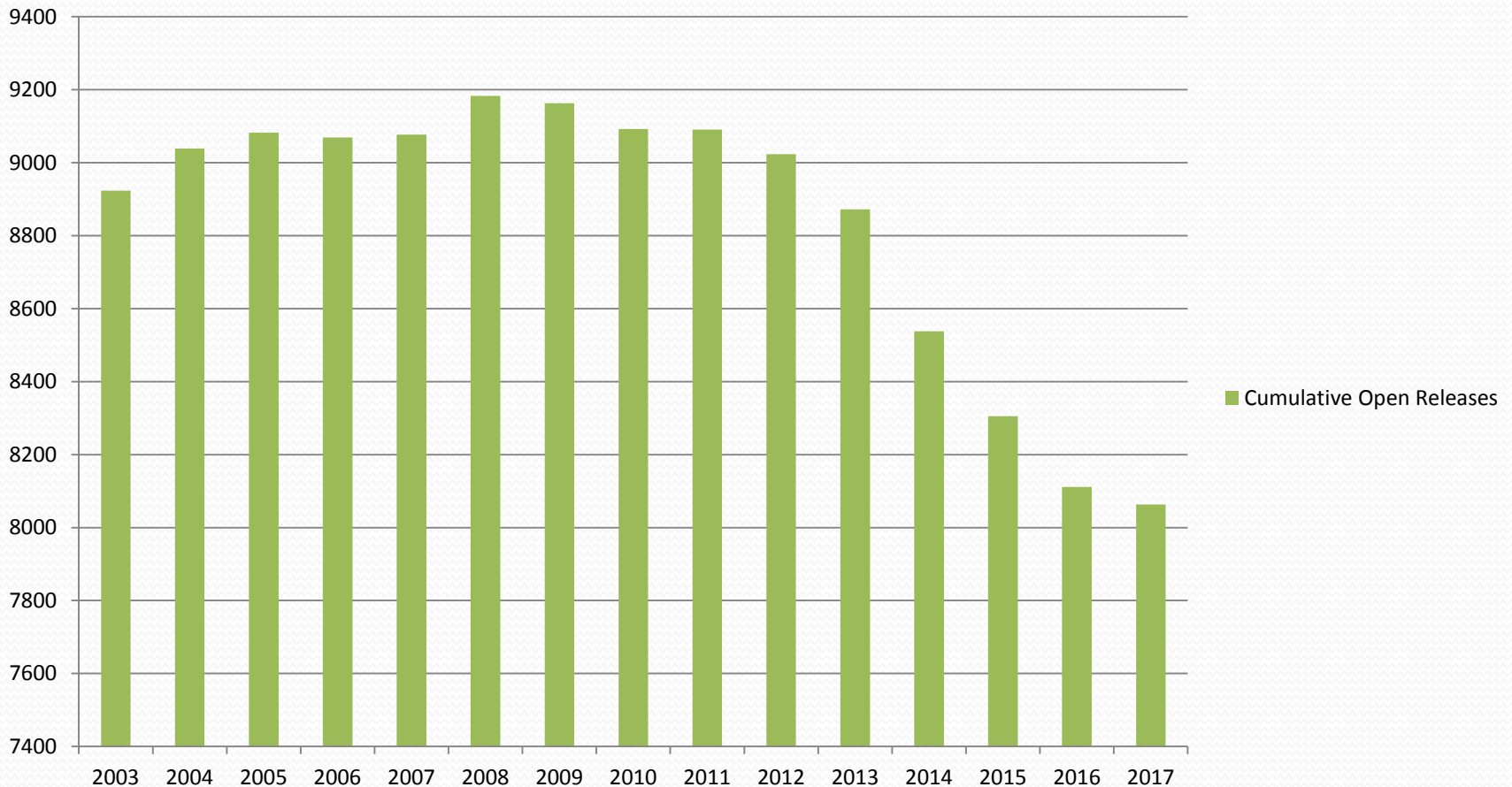
Fiscal Year 2017 Accomplishments

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



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

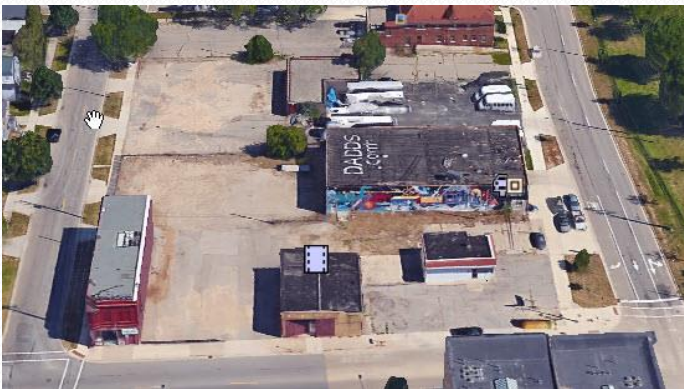
RRD

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



Bridge and Turner, LLC

Continuing Hot Topics

- Vapor Intrusion
 - Grand Rapids
 - Detroit
 - Petoskey
- PFAS
 - Military Bases
 - Tanneries
 - Plating Facilities
- 1,4 Dioxane
 - Ann Arbor

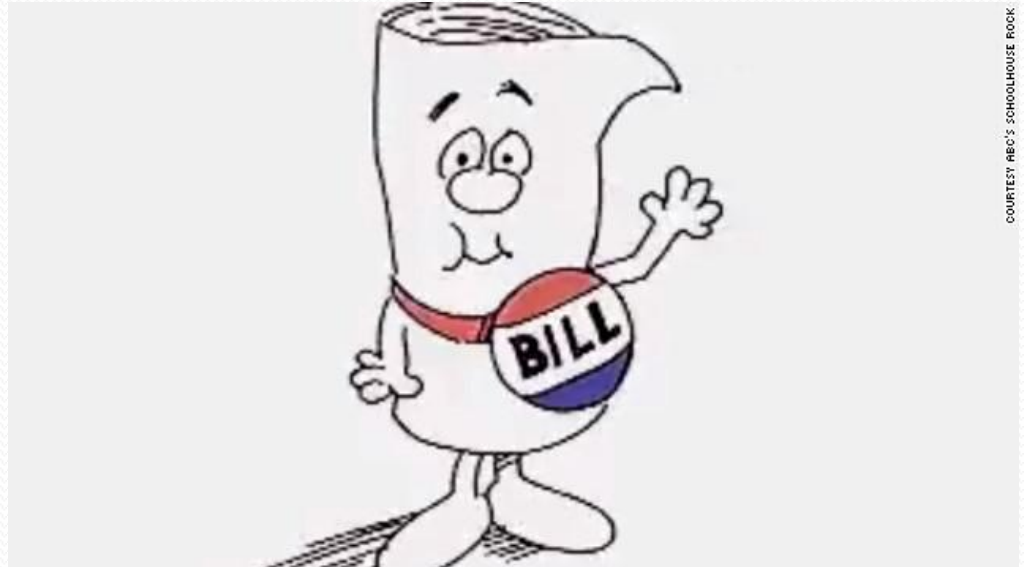


Emerging Contaminants

- 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!

Remediation and Redevelopment Division

www.michigan.gov/deqrrd

Creating a future where Michigan's contaminated properties are reliably managed, revitalized, and the public health and environment is protected.



Questions

