Our mission

Protect and improve the environment and enhance human health.

Our Vision

Ensure clean water, air and land to support healthy communities, ecosystems, and a strong economy in Minnesota.
Petroleum Remediation Program

1987

Risk-Based Approach

2¢ per gallon tax
Continuous Improvement Can...

- Process efficiency
- Culture of innovation
- Implement improvements
MPCA Petroleum CI Projects

- Vapors & Closed Sites
- Lead Scavengers & Closed Sites
- Plume stability
- Legacy Sites

9/30/2019
Petroleum by the Numbers

- 20,000+ leak sites
- 19,000 completed
- Approx 1,000 active sites (annual)
- Legacy sites (10+ years)
  - Pre-date current policy's

Why do legacy sites occur?
Legacy Site CI Project Objectives

- Identify causes & barriers
- Review process to move forward
• 228 out of roughly 1,000 active leak sites are 10yrs+ old

• Cross-sectional review team – 50 oldest sites

• Grouped sites by category

Current policy provides closure path

Better investigation or remediation

Complex Site

Causes?
Site Complexity

- Complex Geology
- Sensitive Ground /Surface Water Areas
- Poor Remediation Performance
- Administrative / Legal
Developing Solutions

- Implementation Plan & Milestones
- Tools and solutions for complex sites
- Workload right-sizing & support
Thank you!

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