



Creating a plan for reviewing older petroleum leak sites and implementing reviews

Why it's important

Petroleum contamination sites can affect human health and the environment. By evaluating and cleaning up these sites, PRP helps us prevent these problems.

What's the issue?

Since 1987, the Petroleum Remediation Program (PRP) has completed investigations and cleanups on 18,000 of 19,000 existing tank leak sites.

Nearly 1,000 sites are currently active. But the PRP lacked a formal process to review older, potentially costly leak sites.

A review of a site determines if the site is:

- ▶ Appropriate as is
- ▶ Needs better investigation and/or clean-up
- ▶ Completed/closed

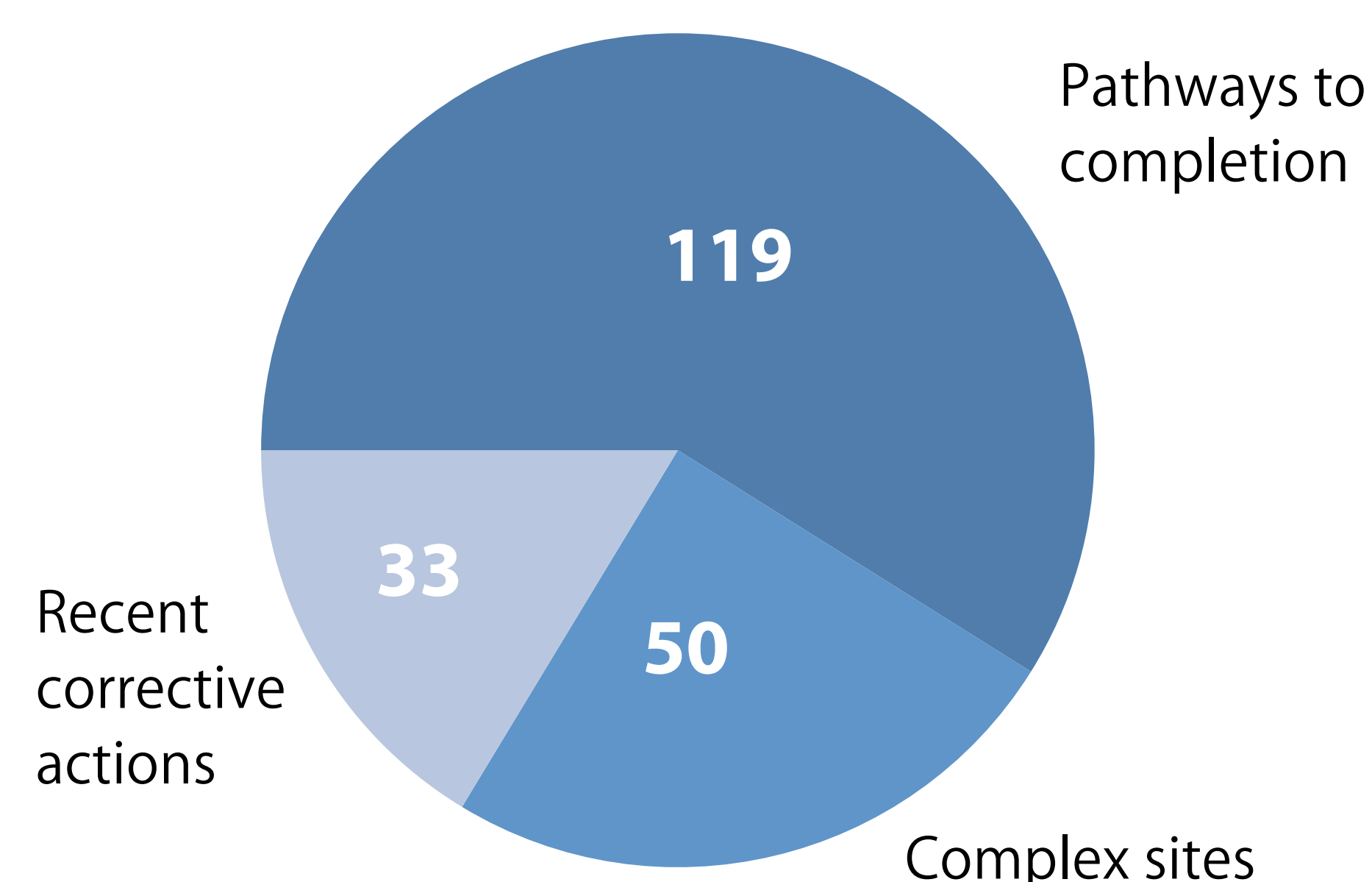
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What we did

In 2013, team members queried databases and interviewed staff and identified 202 sites that are 10 or more years old and potentially expensive to remediate.

We sorted these sites into three categories for formal review:

Sites that are more than 10 years old



In 2014:

- ▶ Staff developed Gantt charts for 152 sites that are 10 years old or older. These include 33 recent corrective action sites and 119 sites with pathways to completion. The gantt charts included major site milestones and dates over 2014-2015.
- ▶ In January and June, 2014, the agency held meetings which included the project manager, the hydrologist, and the supervisor to review progress on each of the 152 sites.
- ▶ These reviews will be repeated in 2015.
- ▶ Large group reviews were held for 8 of the complex sites. These meetings included the supervisors and section manager and resulted in a plan of action/Gantt chart for each site.
- ▶ Upon completing 10 complex site reviews, the CI Team will determine how to proceed on the remaining 40 complex sites.
- ▶ Major root causes for sites becoming 10 years old include 1) Uncooperative people and/or 2) Sites with large environmental footprints.

Results

202 sites initially

- 84 closed

+ 5 sites added

123 sites > 10 years old

