

Clean-Up of Contaminated Sites

Our Goal: To protect public health and the environment from uncontrolled releases of hazardous substances to the environment.

Background

Numerous sites of contamination – by old mining wastes, metals, organic and inorganic chemicals, and other hazardous substances – exist throughout the region. These sites present human health risks through releases to soil, air, ground and surface waters, and sediment. Additionally, many sites also threaten sensitive habitats for fish and wildlife. EPA Region 10 has already completed clean-up:

- at 55 of 94 Superfund National Priorities List Sites;
- at 22 of 100 RCRA (Resource Conservation and Recovery Act) Corrective Action Sites;
- at 9,800 of 16,000 LUST (Leaking Underground Storage Tank) Sites (including 84 of 131 on tribal lands); and
- at 19 of 34 federal facility sites that are Superfund National Priorities List and/or RCRA Corrective Action Sites.

The Focus of Our Efforts

Our focus is on cleaning up sites contaminated by:

- historical activities (Superfund),
- currently operating facilities (RCRA Corrective Action), and
- leaking underground storage tanks (LUST).

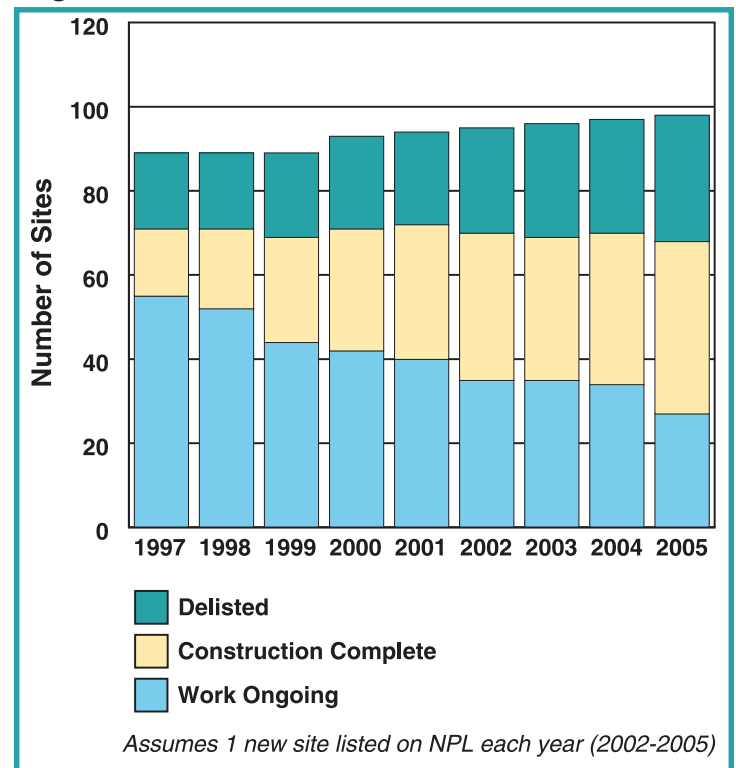
Additionally, Region 10 is committed to integrating the concept of land revitalization and reuse into the process of clean-up through programs such as Brownfields.

Environmental Outcomes by 2007

- ✓ Clean-up projections for Superfund National Priorities List, high priority RCRA Corrective Action, and leaking underground storage tank sites have been achieved.
- ✓ Human exposure to contaminants is controlled to acceptable levels at 95% of high priority RCRA Corrective Action sites.
- ✓ The spread of contaminated ground water is controlled at 70% of high priority RCRA Corrective Action sites.

NPL Cleanup Status

Region 10



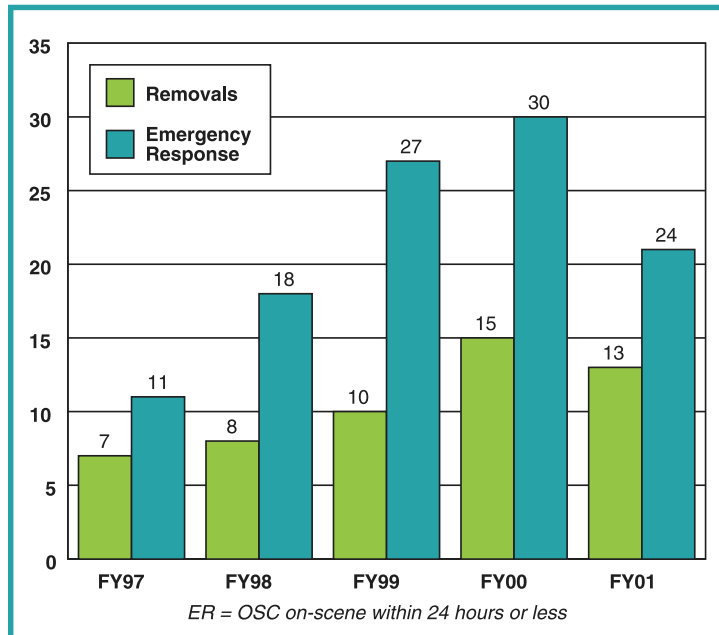
Environmental Indicators for Measuring Success

- SUPERFUND: Number of sites where remedial construction activities are completed
- SUPERFUND: Number of emergency removal actions
- RCRA: Percent of sites controlled for human exposures to contaminants
- RCRA: Percent of sites controlled for the spread of contaminated ground water
- LUST: Number of sites where clean-up activities have been completed

Key Actions: Next 1-2 Years

- SUPERFUND: Complete construction at five additional National Priorities List sites, and perform emergency and time-critical cleanups as necessary.
- SUPERFUND: Enhance our capacity to protect the public from terrorist incidents and other emergencies by hiring and training an additional four On-Scene Coordinators.
- SUPERFUND: Begin awarding grants in 2003 under the new Brownfields Revitalization Act to expedite cleanup and reuse of eligible properties.
- RCRA: Control human exposure to contaminants to acceptable risk levels at 6 additional high priority corrective action sites.
- RCRA: Control the spread of contaminated groundwater at 5 additional high priority corrective action sites.
- LUST: Provide funding and assistance to states and tribes to achieve targets of ~650 LUST clean-ups completed annually over the next five years.
- LUST: Begin work on petroleum contaminated sites addressed in the Brownfields Revitalization Act (recently passed by Congress authorizing \$50 million *nationally* for this work).

Removals/Emergency Response



RCRA Corrective Action Environmental Indicator Progress

