



Green Remediation Best Management Practices: Fact Sheets on Specific Remedies and Other Key Issues

Office of Superfund Remediation and Technology Innovation

May 2010 Update

The U.S. Environmental Protection Agency (EPA) is identifying opportunities to advance green remediation strategies across cleanup programs. As part of this effort, the Agency is benchmarking and documenting best management practices to be included in decision-making toolkits available to an expanding network of practitioners.

EPA's Office of Superfund Remediation and Technology Innovation currently is working with the Agency's Office of Brownfields and Land Revitalization and other cleanup program offices to develop a series of

quick-reference fact sheets describing best management practices

for frequently used cleanup remedies, various field stages, and other aspects posing significant opportunities to reduce the environmental "footprint" of site cleanup. The practices can be used for investigative and response actions at contaminated sites under Superfund, corrective action, brownfield, underground storage tank, and federal facility remediation programs.

Each fact sheet addresses a cleanup project's (1) energy requirements, (2) air emissions, (3) impacts on water, (4) impacts on land and ecosystems, and (5) material consumption and waste generation.

More Information and Future Announcements

- Visit *Green Remediation Focus* online to access these and other resources as they become available, view site-specific profiles of green remediation applications, or request technical assistance in implementing the practices. <http://clu.in.org/greenremediation>
- Subscribe to monthly *Tech Direct* announcements covering a range of cleanup topics (including green remediation seminars) on EPA's CLU-IN web host. <http://www.clu.in.org/newsletters/>
- To learn or share more information about green remediation opportunities, contact Carlos Pachon (pachon.carlos@epa.gov).

Topics and Tentative Timeline

December 2008:

- **Excavation and Surface Restoration**
(EPA 542-F-08-012)

December 2009:

- **Site Investigation**
(EPA 542-F-09-004)
- **Pump and Treat Technologies**
(EPA 542-F-09-005)

March 2010:

- **Bioremediation**
(EPA 542-F-10-006)
- **Soil Vapor Extraction & Air Sparging**
(EPA 542-F-10-007)

May 2010:

- **Clean Fuel & Emission Technologies for Site Cleanup**
(EPA 542-F-10-008)

June 2010:

- **Landfill Covers & Containment Technologies**

July 2010:

- **In Situ Thermal Technologies**

August 2010:

- **Integrating Renewable Energy in Site Cleanup**

September 2010:

- **Contracting Mechanisms for Site Cleanup**

October 2010:

- **Environmental Footprint Analysis of Site Cleanup**