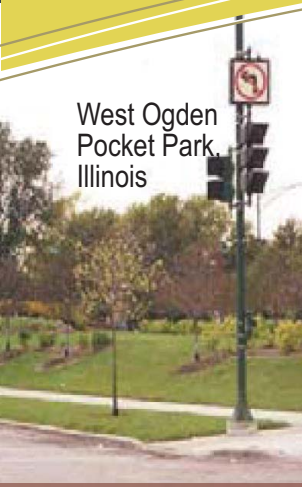


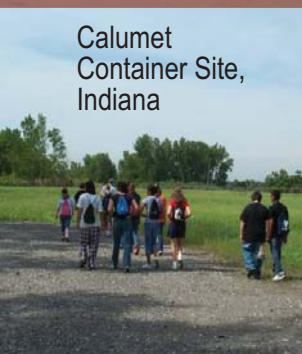


ECOLOGICAL REVITALIZATION:

Turning Contaminated Properties Into Community Assets



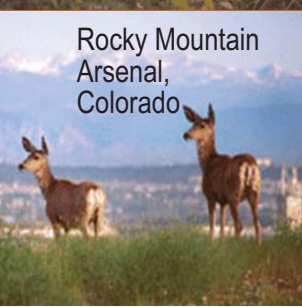
West Ogden
Pocket Park,
Illinois



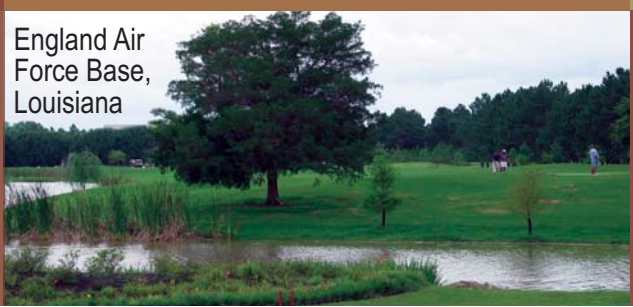
Calumet
Container Site,
Indiana



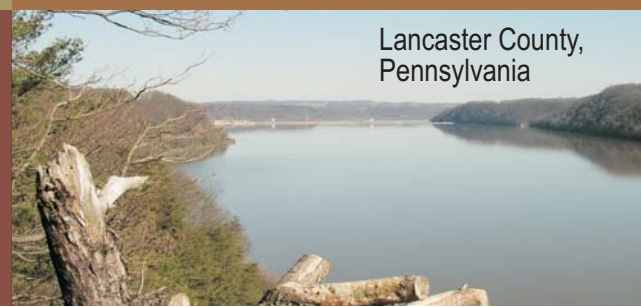
Jacks Creek/Sitkin
Smelting &
Refining Inc. Site,
Pennsylvania



Rocky Mountain
Arsenal,
Colorado



England Air
Force Base,
Louisiana



Lancaster County,
Pennsylvania

Ecological revitalization refers to the process of returning land from a contaminated state to one that supports a functioning and sustainable habitat.

The U.S. Environmental Protection Agency's (EPA) cross-program document (EPA 542-R-08-003) highlights **program-specific initiatives** and provides **technical and planning considerations for ecological revitalization** at contaminated properties. EPA actively supports and encourages ecological revitalization, when appropriate, during and after the assessment and cleanup of contaminated properties under its cleanup programs.

Benefits of Ecological Revitalization

- ✓ Provides wildlife habitat, green spaces and corridors
- ✓ Sequesters carbon
- ✓ Remediates and reuses damaged lands
- ✓ Increases property values
- ✓ Improves image
- ✓ Protects water and land resources
- ✓ Removes stigma associated with prior waste sites
- ✓ And many more ecosystem services!

Visit www.cluin.org/ecotools to learn more about the benefits of ecological revitalization and other tools and resources, such as:

✓ **Technical assistance available for Superfund project managers**

- Obtain support for site-specific work
- Connect with experts in the ecological land reuse field
- Get answers on ecological reuse of contaminated sites, soil amendments, native plants, invasive species, and revegetation

✓ **Publications, internet seminars and technical information**

- Fact sheets on frequently asked questions on ecological revitalization, use of native plants, and attractive nuisance issues
- Documents on ecological revitalization
- Internet seminars conducted by experts in the ecological land reuse field on jump-starting ecological revitalization, soil health, case studies, and more!
- Glossary of ecological land reuse terms
- Technical information on principles of ecological land reuse, soil health and plant revegetation

✓ **Ecological resources provided by various federal, state, academic, local, private, and non-profit entities**

- Information related to ecological land reuse and restoration topics
- Information available across EPA's cleanup programs

Go to www.cluin.org/ecotools for more information.

For more information, contact Michele Mahoney, EPA Superfund Program, by e-mail at mahoney.michele@epa.gov or by phone at (703) 603-9057.

Resources for More Information

EcoTools: Tools for Ecological Land Reuse www.cluin.org/ecotools

✓ General Information:

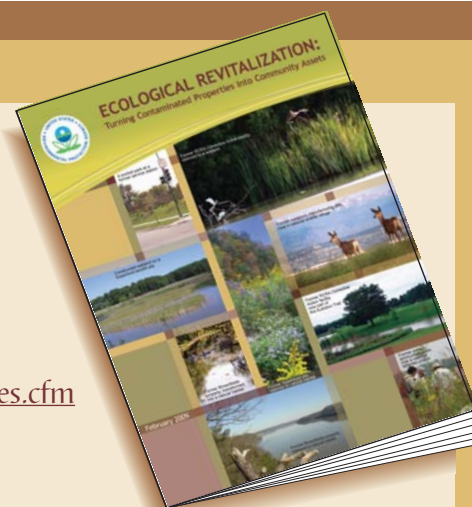
- Principles for Ecological Land Reuse: www.cluin.org/ecotools/principles.cfm
- Soil Health: www.cluin.org/ecotools/soil.cfm
- Plants and Revegetation: www.cluin.org/ecotools/plant.cfm

✓ Resources by State and EPA Region: www.cluin.org/ecotools/map.cfm

✓ Organizations and Resources: www.cluin.org/ecotools/org.cfm

- National Oceanic and Atmospheric Administration - Office of Response and Restoration: <http://response.restoration.noaa.gov>
- Natural Resources Conservation Service (NRCS) Conservation Programs: www.nrcs.usda.gov/programs/
- NRCS Plant Materials Program: <http://plant-materials.nrcs.usda.gov>
- U.S. Forest Service: www.fs.fed.us/research/vmpr.shtml
- U.S. Department of Agriculture Service Centers: <http://offices.sc.egov.usda.gov/locator/app>

✓ EcoTools Technical Assistance Service: <http://www.cluin.org/ecotools/sf.cfm>



Ecological Revitalization:
Turning Contaminated Properties
Into Community Assets
FACT SHEET

Office of Solid Waste and
Emergency Response

EPA 542 F-09-002
www.epa.gov/tio
<http://clu-in.org>
www.cluin.org/ecotools

United States
Environmental Protection Agency
(5203P)
Washington, D.C. 20460
Official Business
Penalty for Private Use \$300