



RCRA Project Manager's Forum

Facilitating Reuse at RCRA Sites: Innovative Technologies for Groundwater Characterization & Cleanup

Tom Rinehart
Branch Chief

EPA RCRA Corrective Action Programs Branch

December 8, 2003



Introduction - Revitalization

- Revitalization of Contaminated Lands is a Priority
- One of Marianne Horinko's Priorities for OSWER
- Focus of Corrective Action Reforms of 2001
- We are working with EPA Regions and States to encourage productive reuse of RCRA facilities



RCRA & Revitalization

- RCRA Brownfields Prevention Initiative created in 1997
 - Joint effort of OBCR and OSW
- Major Themes
 - Learning by doing – Pilots, Targeted Site Efforts
 - Outreach is vital
 - Policy development
 - Need for flexible approach



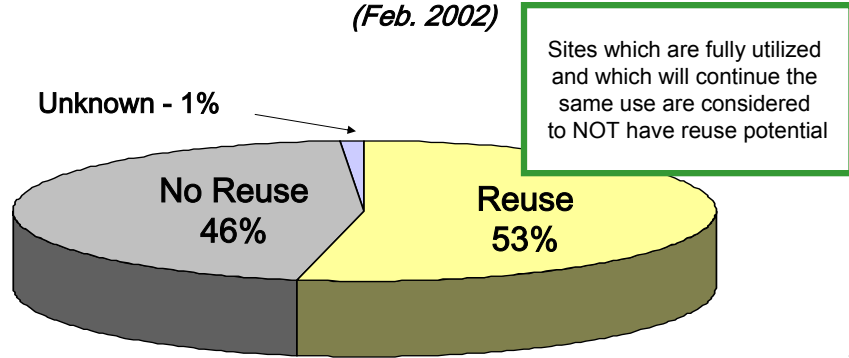
RCRA Brownfields Vision

- Cleanups that encourage and facilitate reuse, while remaining protective of human health and the environment
- Development and use of innovative approaches and tools to achieve cleanups
- Outreach and communication about approaches, case studies and success stories.



Many RCRA Sites Have Reuse Potential

Reuse Potential of Sites
Region 5 Survey of Federal-lead RCRA sites
(Feb. 2002)





Today's Seminar

- **Learn about innovative technologies for groundwater characterization and cleanup that can facilitate site cleanup and reuse.**
- **Hear from the experts in EPA's Technology Innovation Program and from a RCRA site manager who has employed these technologies.**



RCRA Corrective Action Groundwater Goals

- Short-Term: Control risks to humans and prevent continued spreading of contaminant plumes
- Long-Term: Return groundwater to its maximum beneficial use, whenever practicable, and within reasonable timeframe
 - recognizing various uses and routes of exposure
- Intermediate: Identify and pursue achievable milestones designed to promote progress toward final cleanup goals



RCRA Brownfields

Logistics

- Please keep your speaker phones on MUTE (except, of course, if you have questions or comments).
- Please NEVER put the conference call on HOLD.
- Please hold questions for scheduled Q&A sessions.