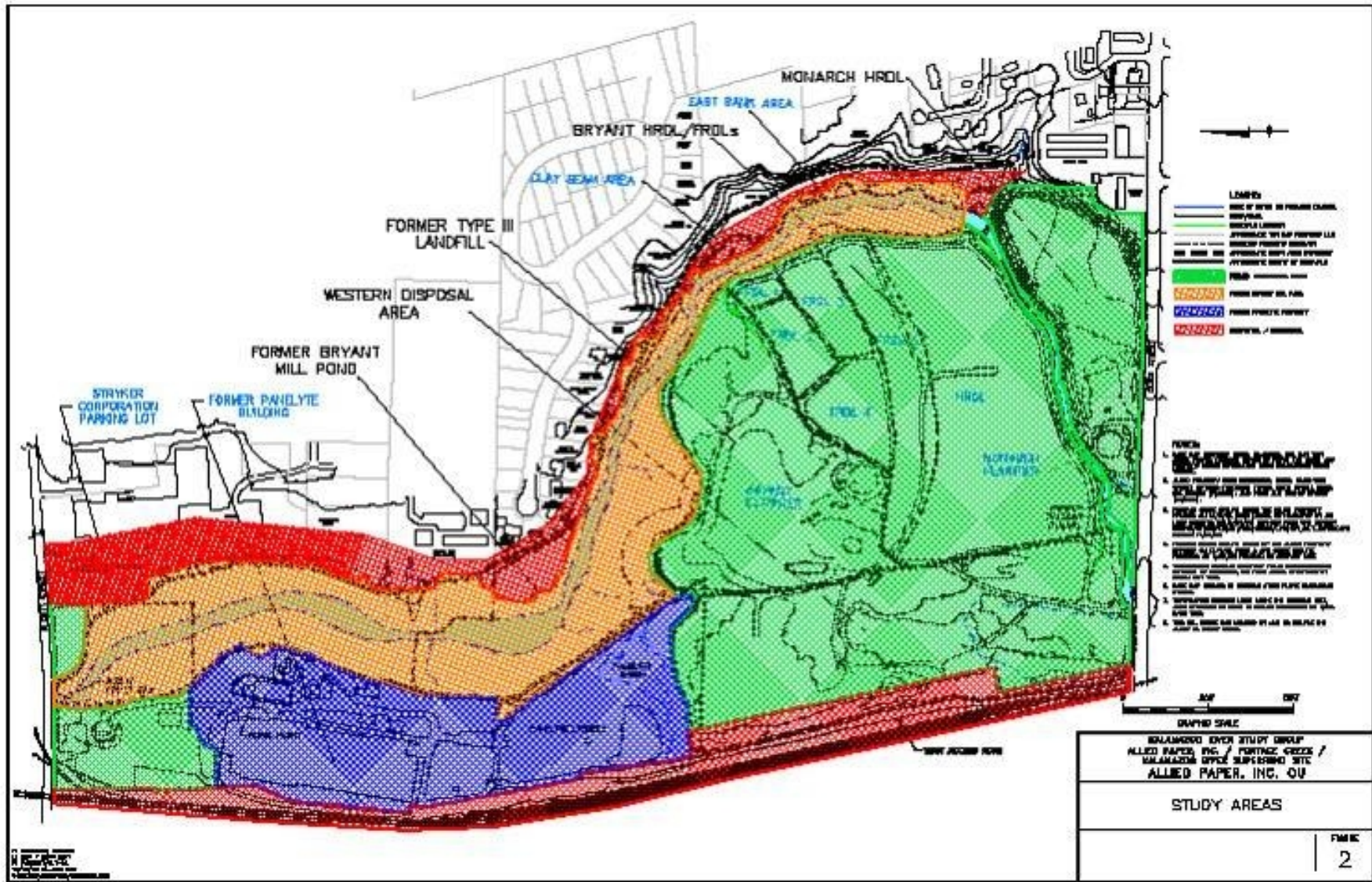


**Allied Paper/Portage Creek/
Kalamazoo River Superfund Site
December 3, 2009 Update**





Agenda

- Schedule/Timeline
- EPA's Remedy Evaluation Requirements
 - Nine Criteria
- Arcadis Presentation of Feasibility Study (FS)

Investigation History

- Remedial Investigation by MDEQ
 - Data Collection began 1997
 - EPA Approved Final Draft of MDEQ RI Report March 2008
- City Requests Additional Groundwater Study
- EPA Develops Remediation Goals March 2009
- Supplemental Groundwater Study by Millennium
 - Study Completed Summer 2009
- Presentation of Alternatives September 2009

September 2009 Presentation of Alternatives

- Millennium Presentation
 - No Action Alternative
 - Consolidation and Capping Remedies
 - Total Removal Remedy
- EPA Requests:
 - Evaluation of Encapsulation Remedy
 - Consideration of Sheetpiling Removal

Remedy Selection Schedule

- FS Submitted to EPA October 29, 2009
 - EPA Review/Comment
- EPA Proposed Plan late summer 2010
- Record of Decision late 2010

9 Criteria

Threshold Criteria

- Protection of human health and the environment
- Compliance with Applicable or Relevant and Appropriate Requirements (“ARARs”)

Balancing Criteria

- Long-term effectiveness and permanence
- Reduction of toxicity, mobility or volume through treatment
- Short-term effectiveness
- Implementability
- Cost

Modifying Criteria

- State acceptance
- Community acceptance

Threshold Criteria

- Overall protection of human health and the environment
- Compliance with applicable or relevant and appropriate requirements

ARARs

- CERCLA Requires Compliance with applicable or relevant and appropriate requirements:
 - Federal Laws
 - State Laws
- National Contingency Plan
 - Definition of ARARs

Balancing Criteria

- Long-term effectiveness and permanence
- Reduction of toxicity, mobility or volume through treatment
- Short-term effectiveness
- Implementability
- Cost

Modifying Criteria

- State Acceptance
- Community Acceptance

Proposed Plan

- Agency's preliminary recommendation for site cleanup
- Summary of Remedial Investigation and Feasibility Study
- EPA solicits public input

Record of Decision

- After consideration of public comments on Proposed Plan
 - All substantive comments responded to in Responsiveness Summary
 - Proposal sometimes changed in response to comments
- Summary of investigations
- Summary of evaluation of cleanup alternatives
- Administrative Record documents basis for decision
- Agency's final decision

Post ROD

- Remedial Design
- Remedial Construction
- Five-Year Review

website: <http://epa.gov/region5/sites/kalproject/>

