

McCoy Field Proposed Keith Middle School Site

**EPA Proposes
Approval of McCoy
Field Cleanup Plan**



McCoy Field

EPA Role:

- Site location is a local decision
- EPA's involvement triggered by PCBs
- Authority for overseeing cleanup and disposal is under Toxic Substances Control Act

McCoy Field

EPA's Oversight Includes:

- Requiring & reviewing City's cleanup plan
- Rendering decision either: approval, approval with conditions, or denial
- Providing implementation & maintenance oversight

McCoy Field

Approval with Conditions:

- Wetlands cleanup plan within 60 days
- City cleanup plans for High School and/or private properties or demonstration sites aren't under federal PCB regulations
- Detailed Monitoring & Maintenance Implementation Plan
- City cleanup plan implemented as approved by EPA & certified documentation of final site design

McCoy Field

Citizen Input on:

- Technical merits
- Monitoring and maintenance implementation plan

Comment Period Ends Friday, July 15, 2005

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McCoy Field

Technical Components
of the Proposed
Cleanup Plan



McCoy Field

Evaluating Potential Human Health Risks

Three Potential Exposure Pathways:

- Direct Contact
- Ingestion of Soil
- Inhalation

McCoy Field Proposed Cleanup Plan Overview

- Removal of PCBs of greater than or equal to 100 parts per million within the excavation areas
- Construction of the school building on pile caps/grade beams above ground surface

McCoy Field Proposed Cleanup Plan Overview

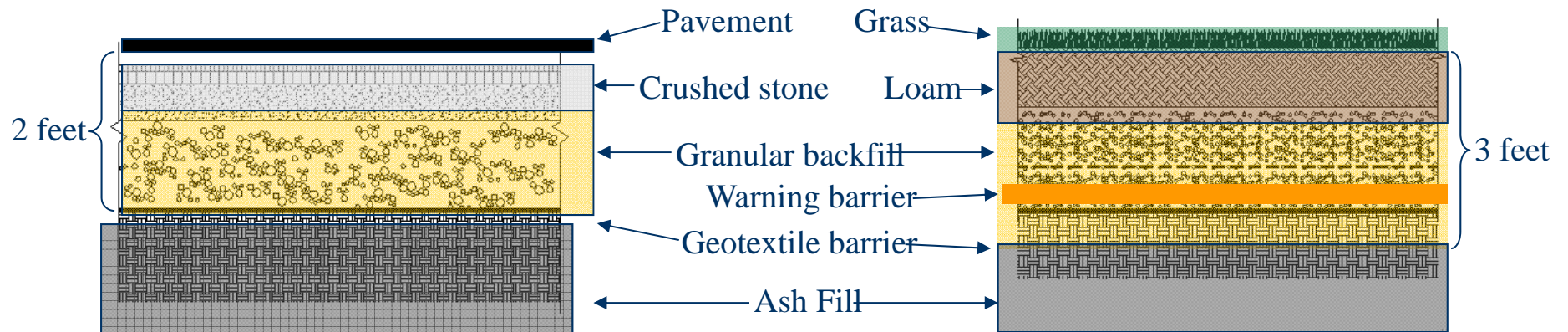
Outside Barriers

- Installation of surface cover outside building footprint:
 - landscaped areas: a geotextile liner and a minimum of a 3-foot soil cap;
 - parking areas: a geotextile liner and a minimum 2-foot cap with an asphalt cover.

Typical Cap Details

Paved Areas

Landscaped Areas



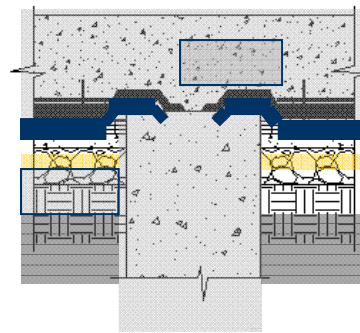
McCoy Field Cleanup Plan Overview

Indoor Barriers

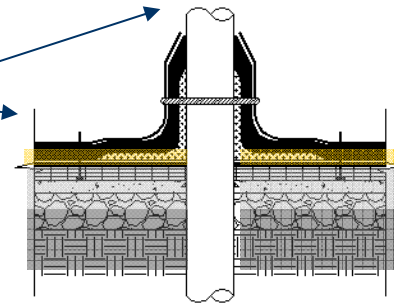
- Installation of passive vapor collection system and solid vapor barrier beneath building footprint

Vapor Barrier Details

Membrane at Grade Beam

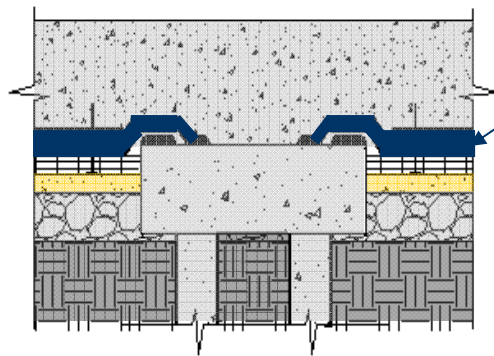


Membrane at Penetration

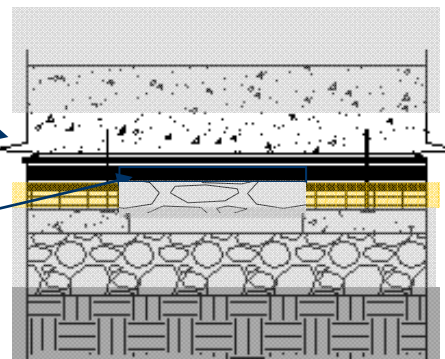


Membrane

Membrane at Pile Cap



Membrane Vent Detail



Membrane

Vent

McCoy Field Cleanup Plan Overview

- Establishment of a long-term monitoring and maintenance plan

McCoy Field Monitoring & Maintenance Implementation Plan

Potential Components

- Inspection & maintenance of surface covers
- Indoor air monitoring
- Groundwater monitoring
- Communications plan
- Regulatory reporting requirements

McCoy Field EPA's On-going Role

Continued Oversight:

- Ensure City implements Maintenance and Monitoring Implementation Plan requirements
- EPA retains regulatory authority to require additional measures

McCoy Field

Citizen Input on:

- Technical Merits
- Monitoring & Maintenance Implementation Plan

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