

US EPA ARCHIVE DOCUMENT



COMMUNITY DIALOGUE

WEST LAKE LANDFILL SUPERFUND SITE
BRIDGETON, MO

April 18, 2016

Facilitator: Cindy Cook, Adamant Accord



Agenda

- 5:30 Open House (EPA, USACE, ATSDR, MDNR, St Louis County Health)
- 6:30 Welcome, Introductions, Ground Rules, and Agenda Review Introductions – Cindy Cook, Facilitator
- 6:35 Overview of the Dialogue Process – Cindy Cook, Facilitator
- 6:40 **Questions and Discussion** 6:45 Site Update – Mary Peterson, Superfund Director and Brad Vann, WLL Remedial Project Manager
- 7:10 **Questions and Discussion**
- 7:30 2008 Record of Decision (Cap in Place Alternative) – Terrie Boguski, Technical Assistance Services for Communities Program (TASC)
- 7:50 **Questions and Discussion**
- 8:25 Discussion regarding Next Steps
- 8:30 Adjourn



6:30 p.m.

Welcome and Introductions

Cindy Cook, Facilitator



Ground Rules

Start promptly at the scheduled time and adjourn on schedule.

Turn cell phones to “privacy mode”, or, better yet, off.

Answer calls and take side conversations out in the hall.

Keep remarks on topic; follow the agenda.

Focus on issues, not personalities.

One person speaking at a time.

Speak for yourself; let others speak for themselves.

Make your remarks concise, share “airtime,” and listen respectfully.



Three Remedial Alternatives

Cap in Place

Partial Excavation

Full Excavation



6:40 p.m.

Site Update

Mary Peterson, EPA Region 7 Superfund Director
Brad Vann, WLL Remedial Project Manager

- Surface Fire Mitigation
- RIM Characterization
- Isolation Barrier
- Groundwater
- RIM on AAA Property
- Pyrolysis
- What is happening next at the Site?

Surface Fire Mitigation (installation of non-combustible cover)



- Fieldwork began under EPA oversight in February 2016 and is progressing
 - Area 1 – Initial proposed cover is complete and confirmation sampling data is being validated for review
 - Area 2 – Initial proposed surface is nearing completion, work continues along margins and confirmation sampling is ongoing
- PRPs are also coordinating with local first responders in development of Incident Management Plan that will integrate with their existing OU2 IMP
- EPA anticipates this action will be complete early to mid-summer 2016 (includes requirements for confirmation on-site soil and vegetation sampling)



Radiologically Impacted Material Characterization

- ▣ Phase I Investigation
 - Comprehensive Phase I Report – EPA released the extent of Radiologically Impacted Material (RIM) figure and supporting validated data March 24, 2016; full report finalized by EPA and posted April 13, 2016

- ▣ Area 1 and 2 Supplemental Investigation
 - Performed in OU1, Areas 1 and 2 to improve RIM volume calculations

 - Data will be included in the Remedial Investigation Addendum and support the Final Feasibility Study



Isolation Barrier System

- Isolation Barrier System includes both a physical barrier and additional engineering controls to prevent SSE from impacting the RIM in OU-1
- EPA will require PRPs to provide a design package for EPA's and USACE's review
- Following EPA approval of design package, construction will begin
- EPA is coordinating with MDNR to ensure this action complements and reinforces state efforts in OU2 (Bridgeton Landfill)



Groundwater

- Based on historical site sampling and more recent work performed by EPA, USGS and MDNR, EPA has determined that additional investigation and evaluation of groundwater is necessary
- EPA has designated OU3 to address groundwater
- EPA intends to pursue a Remedial Investigation/Feasibility Study and is currently evaluating the necessary technical requirements and legal steps to implement and enforce this action



RIM and Buffer Zone/Crossroads Property

- In the past, significant erosion of a small section of the Area 2 landfill berm resulted in the transport of radiologically contaminated soils to the bordering property (Buffer Zone/Crossroads Property (includes AAA Trailer))
- EPA included remediation of the Buffer Zone/Crossroads Property in the 2008 Record of Decision
- Recently, EPA directed the PRPs to complete further characterization work at AAA Trailer as part of the currently ongoing surface fire mitigation Removal Action (installation of non-combustible cover)
- Data collected to date at the site does not indicate an increased risk of adverse health effects for on-site workers nor the general public
- EPA has closely coordinated and met in person with AAA Trailer



Pyrolysis

- ❑ EPA developed a workplan for evaluating radon flux - RIM samples collected during the Area 1 and 2 fieldwork
- ❑ Samples for the pyrolysis study have been analyzed by the certified laboratory
- ❑ Data is currently being validated in accordance with the Quality Assurance Project Plan
- ❑ We expect to receive results in the next 1-2 months
- ❑ Data generated will be evaluated to determine if there is a need to modify the existing radon flux modeling. This model is used to conservatively estimate how much radon can be expected to be released from RIM at the surface during an SSE, and associated risk from human exposure



What's Next?

- ▣ PRPs Under EPA Oversight:
 - Complete Non-Combustible Cover Time Critical Removal
 - Complete Incident Management Plan
 - Prepare Final Removal Action Report for NCC action
 - Develop draft RI Addendum
 - Develop Final Feasibility Study

- ▣ EPA:
 - Complete oversight of NCC action and review report submittals
 - Review and finalize IMP in coordination with local emergency management officials
 - Review incoming site data associated with the pending Remedial Investigation Addendum
 - Complete work on technical and legal elements of Isolation Barrier System
 - Develop technical elements of OU3 groundwater investigation
 - Evaluate results of pyrolysis tests in consultation with the Office of Research and Development and certified laboratory



7:10 p.m.

Questions and Discussion



7:30 p.m.

2008 Record of Decision (Cap in Place)

Terrie Boguski, Technical Assistance Services for Communities Program

- Superfund Remedy Selection Process
- Description of the 2008 ROD
- Description of Cap in Place Alternative
- 2008 ROD Public Issues
- Changes Since 2008



7:50 p.m.

Questions and Discussion



8:25 p.m.

Discussion Regarding Next Steps

Cindy Cook, Facilitator



Dialogue Meeting Topics

Meeting 1: Formative Meeting

- ▣ Overview of Superfund Process
- ▣ Site Update

Meeting 2: 2008 Record of Decision (Cap in Place Remedy Option)

- ▣ Site Update

Meeting 3: Partial Excavation Remedy Option

- ▣ **Site Update**

Meeting 4: Full Excavation Remedy Option

- ▣ Site Update

(optional) Meeting 5: Recap & How to Participate in Formal Public Comment Period