

Memorandum

To	Erik Hardin/USEPA	Page	1
CC	Lisa JN Bradley, PhD, DABT/Haley & Aldrich Kristine Casper, PG/AECOM A Elizabeth Perry, PG/AECOM		
Subject	Pines Area of Investigation, CCB Fill Locations Summary		
From	Joanne Lynch/AECOM		
Date	May 29, 2015		

In response to your request, the Respondents for the Pines Area of Investigation have compiled a summary of the documentation noting where coal combustion by-products (CCBs) were historically used as fill. The items listed in the table below identify the information available to us during the course of the project that informed the development of the project work plans, as well as information that was developed from the results of our field investigations.

Most of this documentation was provided in historical project documents. Documents that were collected or developed as private information are being transmitted with this memorandum and are marked as such.

CCB Information Description	Reference
Preliminary Assessment, EPA Site Inspection	Indiana Department of Environmental Management Combined PA/SI Report for the Town of Pines Fly Ash Dump, Town of Pines, IN, July 12, 2002
Historical documents summarizing knowledge of CCB-fill	ENSR. 2005a. Site Management Strategy, Pines Area of Investigation. Conditionally approved November 4, 2004. Final submitted January, 2005. Appendix F
Figure 2-2 MWSE Sample Locations	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010
Figure 2-3 RI Visual Inspection Locations for Suspected CCBs	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010
Figure 3-17 Results of Suspected CCB Visual Inspections	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010
Figure 3-18 Locations of Field Verified Suspected CCBs	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010
Figure 3-19 Distribution of Suspected CCBs Based on Visual Inspections	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010

CCB Information Description	Reference
Figure 4-18 Migration of CCB-Derived Constituents to Groundwater	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010
MWSE Utility Trench Boring Logs, Appendix C	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010
Monitoring Well Boring and Well Construction Logs, Appendix H	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010
Piezometer Construction Logs, Appendix I	AECOM. 2010. Remedial Investigation Report for the Pines Area of Investigation. Final report. March 5, 2010
<p>Historical documents summarizing knowledge of CCB-fill (from SMS, 2005)</p> <p>Appendix I1 - Site Management Strategy</p> <p>Appendix I2 - Pines Town Council Meeting Minutes of March 11, 1972</p> <p>Appendix I3 - Correspondence Between Calumet Trucking Company and the Indiana Solid Waste Management Office</p> <p>Appendix I4 - Ash Map</p>	AECOM, 2012. Feasibility Study for the Pines Area of Investigation, Appendix I. April 2015.
Aerial Photographic Evidence of Pines Site, Town of Pines, Indiana, Volume 2, EPA Region 5	USEPA, 2012. Aerial Photographic Evidence of Pines Site, Town of Pines, Indiana, Volume 2. TS-OEI-21105004S. June 2012. (This is a 2-foot by 3-foot document not available electronically, but is available in EPA's files.)
Town Meeting Minutes (within which there are references to CCBs)	Town of Pines Meeting Minutes – 1970 through 1975. File: Town of Pines Meeting Minutes - 1970 thru 1975.pdf
Observed Suspected CCB Location Maps, Property 1 to 47	Private Information (Property locations with CCB locations, sample locations within property), 2006 File: Attachment_CCB-VI Properties_Maps_1 to 47.pdf
CCB Properties Inspected, Tables 1-4	Private Information (Resident names, addresses, sample IDs), 2006 File: Attachment_CCB-VI_PropertiesInspected_Table.pdf
CCB Visual Inspections, Summary Figure	Private Information, 2006 File: Attachment_CCB-VI_PropertiesInspected_05-2013_Labeled.pdf
Homes/Buildings where Suspected CCBs abut Occupied Space ("Construction Dates")	Private Information (Resident addresses) File: ConstructionDates.pdf
Town of Pines Ash Map	Appears to be a more updated version (though circa 2004-5) of the ash map provided in the FS Appendix I information. File: Town of Pines Ash Map.pdf