

## **Appendix A**

### **Annual IC Assessment Checklist**

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**CHECKLIST WORKSHEET – COMBINED – ALL PARCELS**  
**Review of Effectiveness of Institutional Controls**

<b>Scope: Entire Mound Site</b>	
Preliminary inspections performed on: April 5 and 7, 2011	
Physical Inspection Walk around on: April 12, 2011	
Review led by: Art Kleinrath, DOE LM	Phone #: 937-227-2237
<b>Participants in Physical Inspection Walk Around on April 12, 2011:</b>	
See attached sign-in sheet.	
Summary of property improvements since the previous Review. For example, have buildings been demolished or erected? Has surface water flow been modified? Has landscaping been done? Yes (X) No ( )	
OU-1 excavation completed, rail spur removed, aRc demobilized and removed buildings	
Solar panels west of COS Building	
Evidence of soil removal from the “1998 Mound Plant Property”? Yes ( ) No (X)	
No evidence of soil removal.	
Evidence of unauthorized groundwater use? Yes ( ) No (X)	
No record of new wells on Ohio Department of Natural Resources (ODNR) website	
Evidence of land use other than “Industrial” (e.g., residential)? Yes ( ) No (X)	
Roofing material, plumbing fixture, and brush dumped off of lower roadway	
No non-industrial use observed.	
Signage/Markers in good repair (if applicable)? Yes (X) No ( )	
Observed one sign at pond in Parcel 4.	
Fencing in good repair (if applicable)? N/A (X) Yes ( ) No ( )	
Fencing is not an IC for any parcel covered by this inspection	
Groundwater monitoring wells maintained properly? Yes (X) No ( )	
All wells were marked, locked, and in good condition.	
Seeps were marked with plastic flags and some markings were illegible. Seeps 0606 and 0607 had no flags	
Air monitoring stations maintained properly (if applicable)? N/A (X) Yes ( ) No ( )	
Air monitoring is not an institutional control for any parcel covered by this inspection.	
Air monitor along Route 25 in Miamisburg destroyed by auto and removed by Stoller vendor on April 5.	
DOE will maintain air monitoring stations on and off-site as required by NESHAPs until the monitoring requirements are satisfied.	
Containment system(s) in good repair (if applicable)? N/A (X) Yes ( ) No ( )	
Containment systems are not an IC for any parcel covered by this inspection	

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**Site Surveillance equipment in good repair (if applicable?)**      N/A (  ) Yes ( ) No ( )

Site surveillance equipment is not an IC for any parcel covered by this inspection

**Other equipment associated with maintenance of the**      N/A (  ) Yes ( ) No ( )

**Institutional Controls in good repair (if applicable?)**

No other equipment is applicable.

**T BUILDING Areas with additional institutional controls:**

**Evidence of noncompliance with institutional controls?**      Yes ( ) No (  )

T Building is currently locked and all entry is controlled by DOE, so no evidence of noncompliance to ICs.

The red concrete cap over one of the two areas in T Building was cracked in several places.

The Parcel 6, 7, 8 ROD contains floor layout drawings in the areas or rooms in T Building which have additional ICs.

**Summary and status of open issues or recommendations from previous reviews**

**Dates of previous reviews:**

Five-year review (2006) and Annual reports 2007, 2008, 2009, 2010

	Origin	Issue/Recommendation	Corrected?	Current status 2011 Report
1	2008 Annual	Landowner or management organization will notify DOE-LM when there are changes of address or street names on site. Building permits are filed by street addresses.	Unknown	Pending
2	2009 Annual	Improve drainage in the area north of Well 0353	Yes	Complete
4	2010 Annual	Paint Well 0124	Yes	Complete
5	2010 Annual	Remove water sampling station and fencing over Seep 0607 and return area to its original condition.	Yes	Complete
6	2010 Annual	Insure that signs by pond in Parcel 4 are present at all times	One sign at pond	Core team will discuss and resolve issue.

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<b>Personnel interviewed during the physical walk-over of parcel, or during review of documentation associated with the parcel:</b>
Jayne Hansel and Leslie Karacia, City of Miamisburg Engineering Department, 937-847-6532,  Stoller personnel provided information and assisted with inspections of wells, seeps, and the interior of T Bldg. These were Roy Mowen, Gary Weidenbach, Frank Miller, and Bob Ransbottom. Steve Pawel and Chuck Brown also provided the necessary site drawings and T Building floor layouts.
<b>List of Documents reviewed (e.g., street opening permits or construction permits approved by the City of Miamisburg, engineering drawings for improvements to property, aerial photographs, maps, City Planning Commission requests, Ohio Department of Natural Resources well logs):</b>
April 28 City of Miamisburg permit report issued by building permits office. Summary of information of City permit database. City personnel advised there were not planning or zoning requests related to the Mound property. Reviewed the Ohio Department of Natural Resources well logs on the ODNR website. There were no new wells listed.
<b>Based upon the review of the above-listed documents, were property improvements covered by the appropriate approvals (e.g., construction permit approved by City?) Yes (X) No ( )</b>
<b>During the walkover, was there physical evidence of movement of soil off site or use of groundwater that was not approved by the regulators? Yes ( ) No (X)</b>
There was no evidence of unapproved work performed since last inspection. OU-1 excavation was completed and rail spur removed in 2010. Solar array was installed west of COS Building.
<b>Miscellaneous items noted during review or physical walkdown:</b>
All wells included in the groundwater monitoring for Phase I, Parcels 6, 7, and 8, and OU-1 were newly painted and in good condition. Roofing materials, brush, and plumbing items were dumped beside roadway in parcel 4.
<b>Recommendations from preliminary physical walkdowns:</b>
Resolve the sign requirements at pond. Remove dumped materials
<b>Recommendations from April 12, 2011 physical walkdown:</b>
None
<b>Conclusion/comments from Physical Walkdown:</b>
None

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**Review of Effectiveness of Institutional Controls**

<b>Checklist prepared by U.S. Department of Energy</b>
<b>Art Kleinrath, LM Site Manager</b>
<b>April 12 Physical Walkdown Comments were submitted by:</b>
None
<b>Date: April 12, 2011</b>

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**ATTENDANCE SHEET**  
**Mound Site Annual IC Assessment and CERCLA Five-Year Review**  
**Physical Walkover**  
**DATE April 12, 2011**

	INITIAL	NAME	ORGANIZATION	TELEPHONE
1.	FB	Bullock, Frank	MDC	937-865-4462
2.	A.T.C.	Campbell, Anthony	Ohio EPA	
3.	CC	Crombie, Joe	Ohio Department of Health	614-728-5734
4.	TJF	Fischer, Timothy	U.S. EPA, Region V	312-886-5787
5.	CST	Friedman, Chuck	Stoller	937-847-8350 ext 302
6.		Gail, Doug	Stoller	
7.	KK	Karp, Ken	Stoller	970-260-3502
8.	Head Doug	Kleinrath, Art	DOE-LM	937-847-8350 ext 318
9.		Lucas, Paul	DOE-MCP	937-847-8350 ext 301
10.	JM	Massie, Joyce	Stoller/IGMS	937-847-8350 ext 312
11.	BT	Nickel, Brian	Ohio EPA	937-285-6468
12.	J	Powell, Jane	DOE LM	513 648 3148
13.	R.C.P.	Ransbottom, Bob	Stoller	937-247-2239
14.	KR	Reed, Karen	DOE LM	8720-880-4348
15.	J.S.	Smith, Jeff	Ohio EPA	937 285-6070
16.	E.E.S.	Stanifer, Ellen	City of Miamisburg	937-847-6636
17.	GW	Weidenbach, Gary	Stoller	
18.	R.C.C.	Cato, Rebecca	Stoller	636 926 7038
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