

Appendix C

Site Inspection Photographs

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1.0 Parcels 6, 7, and 8 Remedy Wells and Seeps

Table C-1 and Figure C-1 list and identify the locations of the Parcels 6, 7, and 8 monitoring wells. Table C-2 contains photos of all wells and seeps. All of the Parcels 6, 7, and 8 wells were locked and in good condition and the seeps were accessible.

Because the groundwater monitoring is not an IC, the annual IC assessment only verifies the conditions of the wells and seeps, and it does not determine the effectiveness of the MNA remedy. The sampling program to support MNA for the groundwater in Parcels 6, 7, and 8, and the evaluation of ICs is documented in the *Operations and Maintenance Plan for the U.S. Department of Energy, Mound, Ohio, Site*. (DOE 2015c) The O&M Plan is available on the LM website at <http://www.lm.doe.gov/mound/Sites.aspx>.

Table C-1. Parcels 6, 7, and 8 Monitoring Wells and Seeps

Well/Seep ID	Located in Parcel 8	Off-site
0118		X
0124		X
0126		X
0138		X
0301		X abandoned
0311		X abandoned
0315	X	
0333		X abandoned
0334		X abandoned
0346	X	
0347	X	
0379	X	
0386		X
0387		X
0389		X
0392		X
Seep 0601	X	
Seep 0602	X	
Seep 0605		X
Seep 0606		X
Seep 0607		X
Seep 0608		X

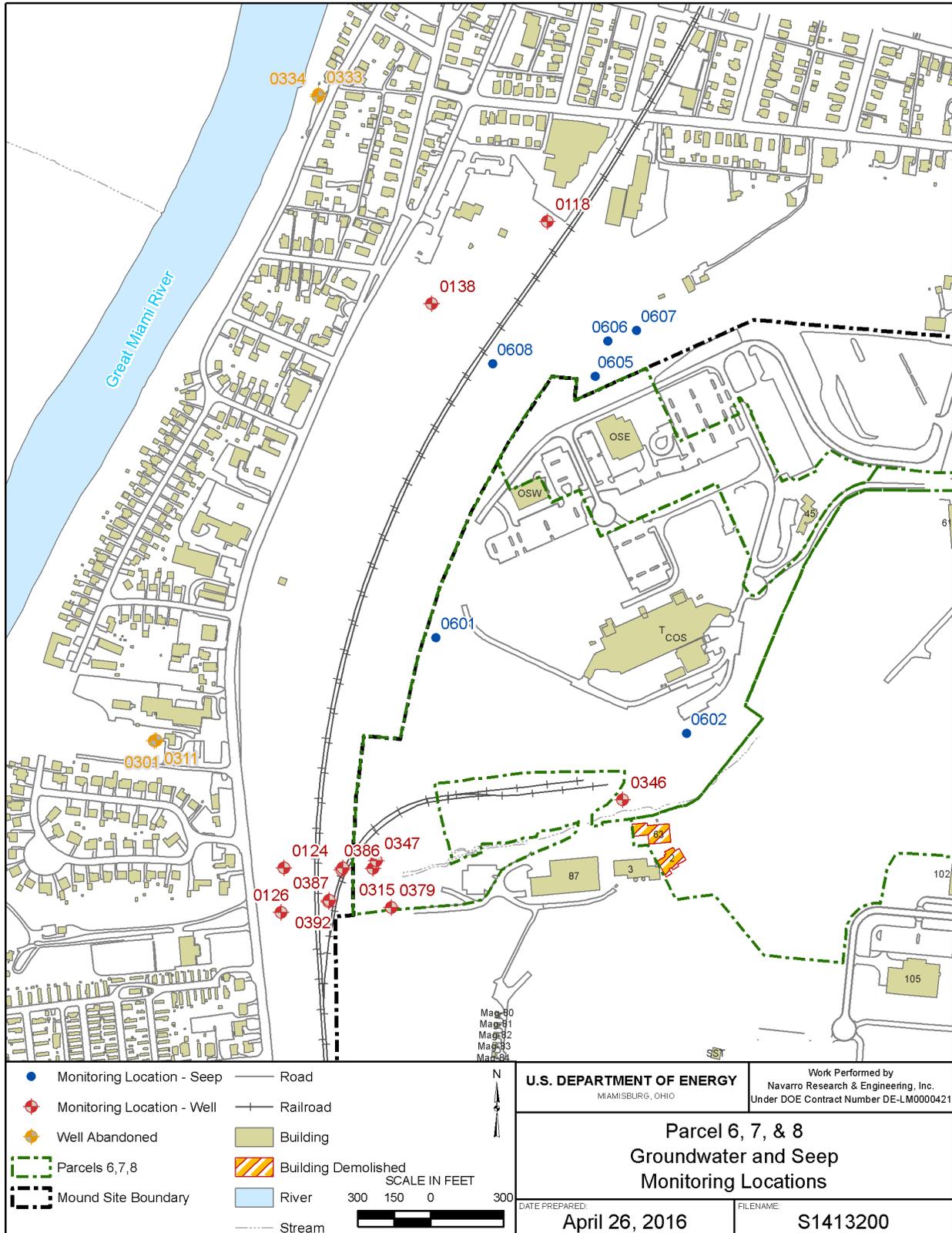


Figure C-1. Parcels 6, 7, and 8 Groundwater and Seep Monitoring Locations

Table C-2. Photos of Parcel 6, 7, and 8 Wells and Seeps



Well 0118, Offsite



Well 0124, Offsite



Well 0126, Offsite



Well 0138, Offsite



*Wells 0301 and 0311, Offsite
(abandoned in 2015)*



Well 315, Onsite



*Wells 0333 and 0334, Offsite
(abandoned in 2015)*



Well 0346, Onsite



Well 0347, Onsite



Well 0379, Onsite



Wells 0387 and 0392, Offsite



Wells 0386 and 0389, Offsite



Seep 0601, Onsite



Seep 0602, Onsite



Seep 0605, Offsite



Seep 0606, Offsite



Seep 0607, Offsite



Seep 0608, Offsite

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2.0 OU-1 (Parcel 9) Wells

Table C-3 and Figure C-2 list and identify the locations of the OU-1 monitoring wells, including those monitoring wells added as part of the OU-1 Field Demonstration project that was initiated in 2014. Table C-4 contains photos of all wells. All wells were locked and in good condition.

Because the groundwater monitoring is not an IC, the annual IC assessment only verifies the conditions of the wells, and it does not determine the effectiveness of the remedy. The ER Monthly Report provides data on the OU-1 pump and treatment system and the results of groundwater monitoring through September 2014, at which point the pump and treatment system was turned off and data from the Field Demonstration were reported. Historical water quality and water-level data for existing wells can be found on the U.S. Department of Energy Office of Legacy Management website: <http://gems.lm.doe.gov/>. Photographs, maps, and physical features can also be viewed on this website.

Table C-3. OU-1 Monitoring Wells

OU-1 Performance Monitoring Well IDs	OU-1 Field Demonstration Monitoring Well IDs
P015	0379
P027	0451
P031	0452
P053	P057
P054	P058
P056	P059
0305	P060
0410	P061
0416	P062
0417	P063
0418	
0419	
0422	
0423	
0424	
0425	
0449 – extraction well	
0450 – extraction well	

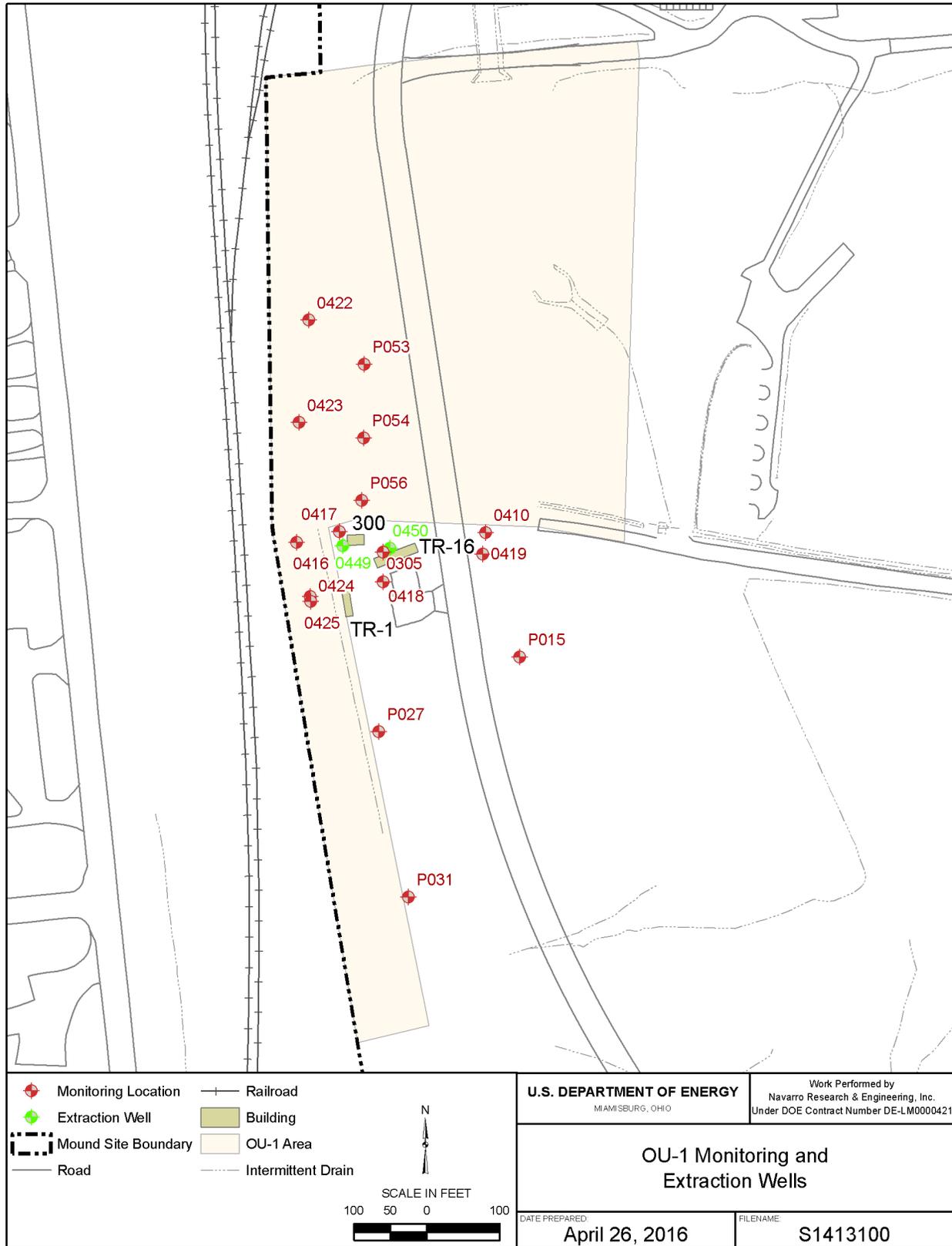


Figure C-2. OU-1 Monitoring and Extraction Wells

Table C-4. Photos of OU-1 Wells



Well P015



Well P027



Well P031



Well P053



Well P054



Well P056



Well 0305



Well 0410



Well 0416



Well 0417



Well 0418



Well 0419



Well 0422



Well 0423



Well 0424



Well 0425



Extraction Well 0449



Extraction Well 0450



Well 0379



Well 451



Well 0452



Well P057



Well P058



Well P059



Well P060



Well P061



Well P062



Well P063

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3.0 Phase I Remedy Wells and Seeps

Table C-5 and Figure C-3 list and identify the Phase I groundwater monitoring wells and one seep. Table C-6 contains photos of all wells and the seep. All wells were locked and in good condition.

Because the groundwater monitoring is not an IC, the annual IC assessment only verifies the conditions of the wells and seeps, and it does not determine the effectiveness of the MNA remedy. The sampling program to support MNA for the groundwater in Phase I and the evaluation of ICs is documented in the *Operations and Maintenance Plan for the U.S. Department of Energy, Mound, Ohio, Site*. (DOE 2015c) The O&M Plan can be found on the Mound website at <http://www.lm.doe.gov/mound/Sites.aspx>.

Table C-5. Phase I Monitoring Wells and Seeps

Well/Seep #	Located in Parcel				
	4	IA	IB	IC	9
Well P033				X	
Well 0319				X abandoned	
Well 0353					X
Well 0400				X	
Well 0402					X
Well 0411			X		
Well 0443			X		
Well 0444	X				
Well 0445				X	
Seep 0617			X		

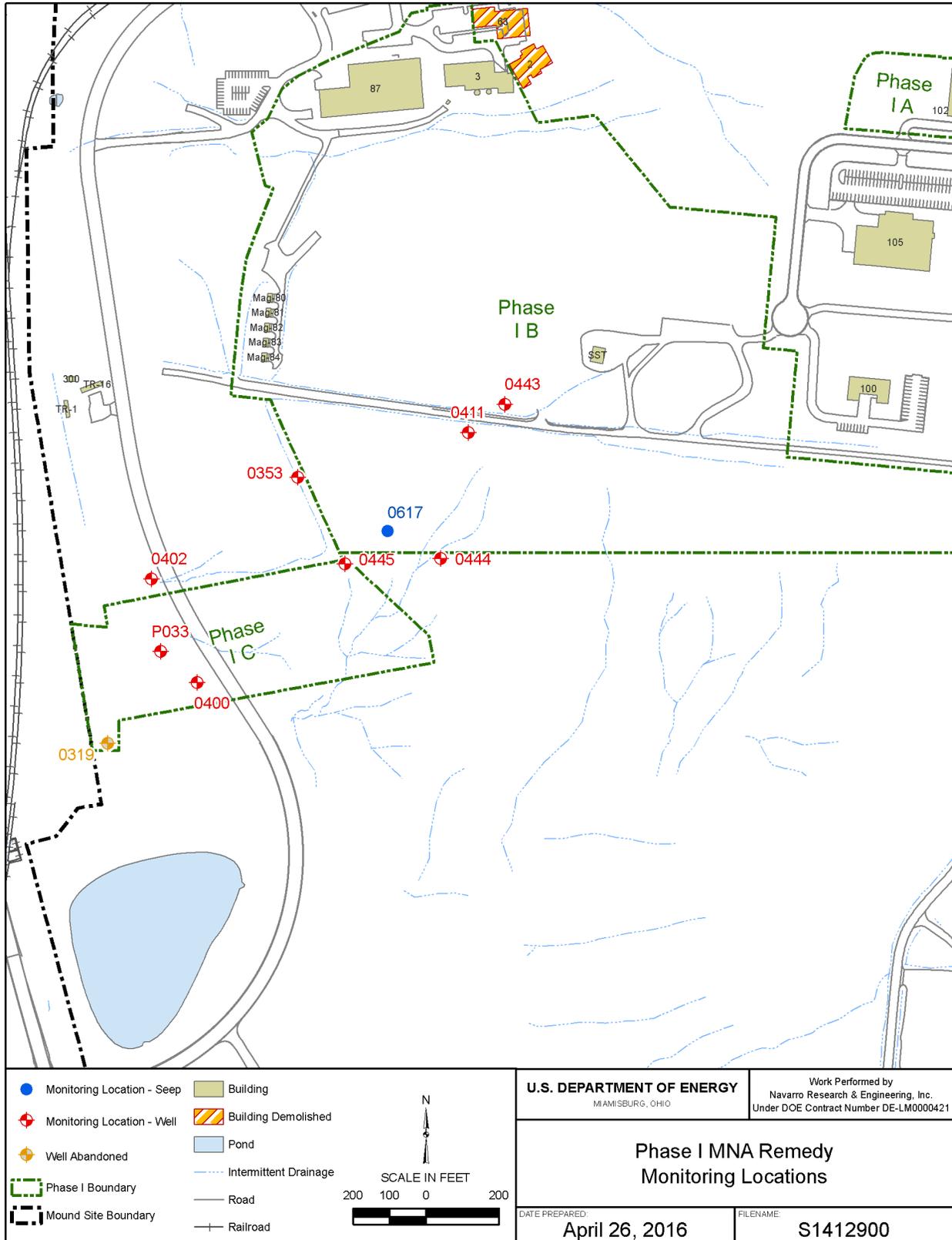


Figure C-3. Phase I MNA Remedy Monitoring Well Locations

Table C-6. Photos of Phase I Wells and Seeps



Well P033



Well 0319 (abandoned)



Well 0353



Well 0400



Well 0402



Well 0411



Well 0443



Well 0444



Well 0445



Seep 0617

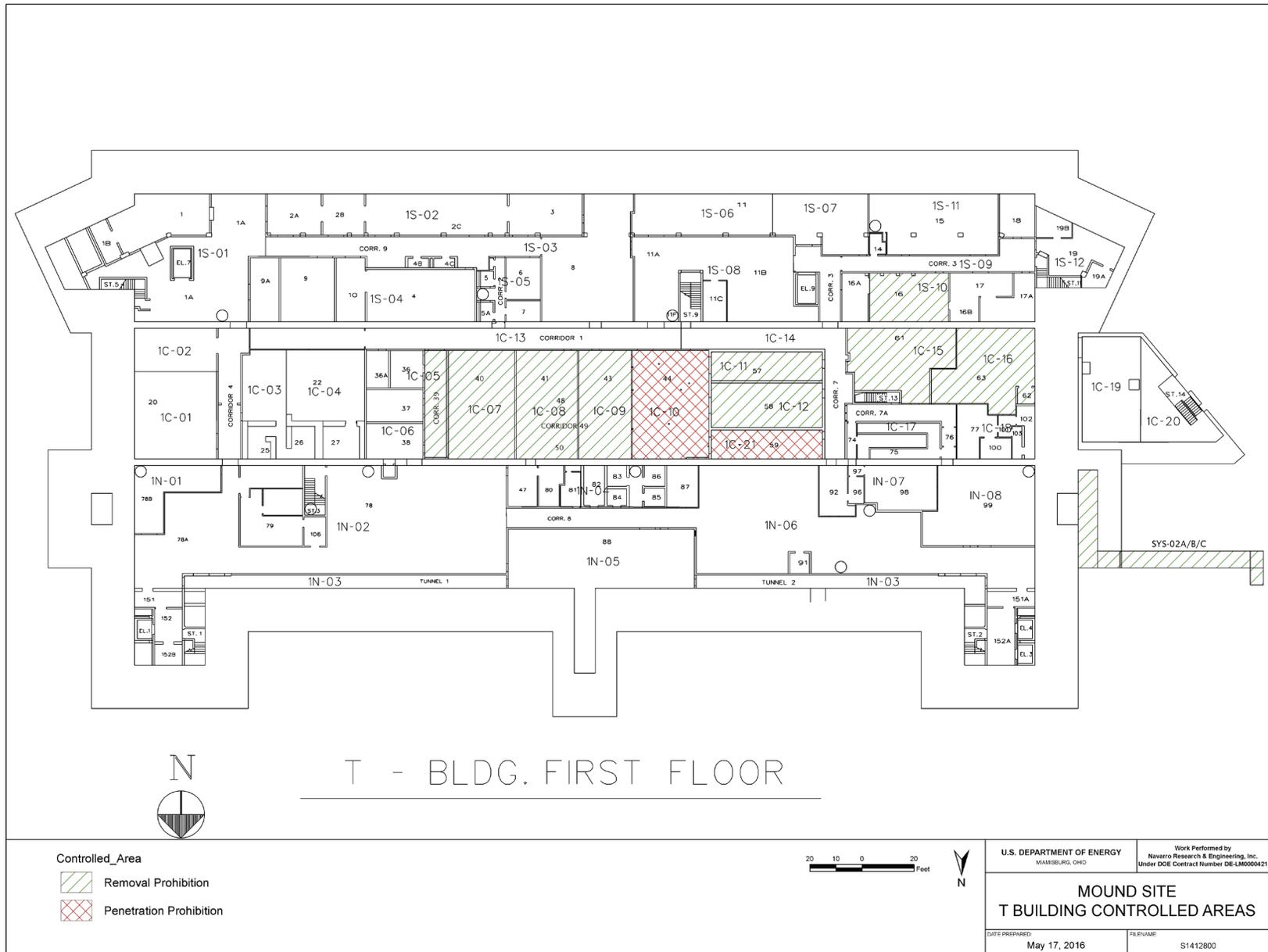


Figure C-4. T Building Areas with Special ICs

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4.0 Other Photos During April 14, 2016, Site Walkdown



Anthony Campbell (Ohio EPA), Gary Weidenbach (Navarro), Larry Kelly (EMCBC), David Seely (EPA), Chuck Friedman (Navarro), Shannon Dettmer (ODH), Ken Armstrong (EMCBC) and Gwen Hooten (LM) examining red concrete cap in T Building during the site walkdown on April 14, 2016



Gwen Hooten (LM), Melissa Lutz (Navarro), Anthony Campbell (Ohio EPA), Shannon Dettmer (ODH), David Seely (EPA), and Eric Cluxton (MDC) in the OU-1 area during the site walkdown on April 14, 2016

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5.0 Aerial Photo

The following photo taken for the 2016 five-year review show the current state of the Mound site with the ROD parcels outlined in white.

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Figure C-5. Aerial Photo Mound Site March 2016 with ROD Parcel Boundaries

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