

Hematite Decommissioning Project	Procedure: HDP-PR-FSS-712, Final Status Surveys of Structures, Systems, and Components (SSCs)		
		Revision: 5	Page A-1 of 2

**APPENDIX A-1
FINAL STATUS SURVEY RESULTS**

Survey Unit Description & Survey Unit Number:	BSA 04-11 Building Survey Area (Miscellaneous Other Structures in LSA 08-16)	Survey Log Number:	7113 C 160229	Date:	2/26/2016
Technician(s):	J. Boxdorfer	Reviewed by:	J. Bushman	Time:	0822-1500
Print/Sign/Date:	D. Love / <i>North Love 2-29-16</i>	Print/Sign/Date:	<i>J. Bushman JER 3/2/16</i>		
Instrument # 1		Instrument # 2		Lud 3030E 43-10-1 A	
Instrument & Probe:	Lud 2360 43-89 M	Instrument & Probe:	Lud 2360 43-89 E	Instrument SN:	232152
Instrument SN:	278647	Instrument SN:	276929	Cal Due:	10/2/16
Cal Due Date:	9/30/2016	Cal Due Date:	8/10/2016	Alpha Bkg:	1.3
Probe Size:	125	Probe Size:	125	Beta Bkg:	39.7
Weighted Eff.:	8.1%	Weighted Eff.:	7.6%	Alpha Eff:	36.0%
				Beta Eff:	21.8%
				Alpha MDA (dpm):	13.9
				Beta MDA (dpm):	102.7
				Batch No:	N/A

100% scan was performed of the concrete sidewalks, peripheral asphalt, and transformer unit and pad in LSA 08-16 using Ludlum 2360 and 43-89 "E" and "M". Sample numbers 1-12 were systematic samples taken on the concrete and asphalt. Number 13 was a biased sample taken on the concrete. The GPS coordinates are: Easting - 827104.71, Northing - 864977.02, Altitude - 335.01 ft. 11 judgmentally determined static measurements and swipes, listed below as sample numbers 14-24, were taken on the transformer unit.

Sample No.	Instrument Number (i.e., 1 or 2)	Description	Removable Alpha		Removable Beta		Total Contamination (α + β)		DCGL Fraction
			Net CPM	DPM / 100cm ²	Net CPM	DPM / 100cm ²	Gross CPM	DPM / 100cm ²	
1	1	B04-11-01-S-F-S-00	0.0	0.0	0.0	0.0	206	280	0.01
2	1	B04-11-02-S-F-S-00	0.7	1.9	2.3	10.6	209	310	0.02
3	1	B04-11-03-S-F-S-00	0.0	0.0	0.0	0.0	182	43	0.00
4	1	B04-11-04-S-F-S-00	0.7	1.9	4.3	19.7	205	270	0.01
5	1	B04-11-05-S-F-S-00	0.0	0.0	0.3	1.4	200	221	0.01
6	1	B04-11-06-S-F-S-00	0.0	0.0	0.0	0.0	226	478	0.03
7	1	B04-11-07-S-F-S-00	0.0	0.0	0.0	0.0	241	626	0.03
8	1	B04-11-08-S-F-S-00	0.0	0.0	0.0	0.0	176	0	0.00
9	1	B04-11-09-S-F-S-00	0.0	0.0	5.3	24.3	215	369	0.02
10	1	B04-11-10-S-F-S-00	0.0	0.0	0.0	0.0	247	685	0.04
11	1	B04-11-11-S-F-S-00	0.0	0.0	0.0	0.0	233	547	0.03
12	1	B04-11-12-S-F-S-00	0.0	0.0	0.0	0.0	244	656	0.03
13	1	B04-11-13-S-F-B-00	0.7	1.9	0.0	0.0	247	685	0.04
14	1	B04-11-14-S-F-B-00	0.0	0.0	10.3	47.2	144	0	0.00
15	1	B04-11-15-S-F-B-00	0.0	0.0	11.3	51.8	136	0	0.00
16	1	B04-11-16-S-F-B-00	0.0	0.0	0.0	0.0	159	0	0.00
17	1	B04-11-17-S-F-B-00	0.7	1.9	0.0	0.0	132	0	0.00
18	1	B04-11-18-S-F-B-00	0.0	0.0	0.0	0.0	150	0	0.00
19	1	B04-11-19-S-F-B-00	0.0	0.0	0.0	0.0	136	0	0.00
20	1	B04-11-20-S-F-B-00	1.7	4.7	0.0	0.0	166	0	0.00
21	1	B04-11-21-S-F-B-00	2.7	0.0	0.0	0.0	129	0	0.00
22	1	B04-11-22-S-F-B-00	3.7	10.3	11.3	51.8	176	0	0.00
23	1	B04-11-23-S-F-B-00	1.7	4.7	0.0	0.0	210	320	0.02
24	1	B04-11-24-S-F-B-00	0.0	0.0	0.0	0.0	127	0	0.00

Hematite Decommissioning Project	Procedure: HDP-PR-FSS-712. Final Status Surveys of Structures, Systems, and Components (SSCs)	
----------------------------------	---	--

FORM HDP-PR-FSS-712-1 FINAL STATUS SURVEY RESULTS

Survey Unit Description & Survey Unit Number:	BSA 04-11 Building Survey Area (Miscellaneous Other Structures in LSA 08-16)		Survey Log Number:	7113 C 160229		Date:	2/26/2016				
Technician(s):	J. Boxdorfer		Reviewed by:	J. Bushman		Time:	0822-1500				
Print/Sign/Date:	D. Love / <i>D. Love 2-29-16</i>		Print/Sign/Date:	<i>J. Bushman 3/2/16</i>							
Instrument # 1			Instrument # 2			Lud 3030E 43-10-1 A					
Instrument & Probe:	Lud 2360 43-89 M	MDA (dpm/100cm ²):	615.9	Instrument & Probe:	Lud 2360 43-89 E	MDA (dpm/100cm ²):	736.6	Unit #:	232152	Cal Due:	10/2/16
Instrument SN:	278647	Bkg 1:	166	Instrument SN:	276929	Bkg 1:	203	Alpha Bkg:	1.3	Beta Bkg:	39.7
Cal Due Date:	9/30/2016	Bkg 2:	191	Cal Due Date:	8/10/2016	Bkg 2:	220	Alpha Eff:	36.0%	Beta Eff:	21.8%
Probe Size:	125	Bkg 3:	176	Probe Size:	125	Bkg 3:	245	Alpha MDA (dpm):	13.9	Beta MDA (dpm):	102.7
Weighted Eff.:	8.1%	Ave. Bkg:	178	Weighted Eff.:	7.6%	Ave. Bkg:	223	Batch No:	N/A		

Comments: 100% scan was performed of the concrete sidewalks, peripheral asphalt, and transformer unit and pad in LSA 08-16 using Ludlum 2360 and 43-89 "E" and "M". Sample numbers 1-12 were systematic samples taken on the concrete and asphalt. Number 13 was a biased sample taken on the concrete. The GPS coordinates are: Easting - 827104.71, Northing - 864977.02, Altitude - 335.01 ft. 11 judgmentally determined static measurements and swipes, listed below as sample numbers 14-24, were taken on the transformer unit.

