

Hematite Decommissioning Project	Procedure: HDP-PR-FSS-712, Final Status Surveys of Structures, Systems, and Components (SSCs)		
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**APPENDIX A-1
FINAL STATUS SURVEY RESULTS**

Survey Unit Description & Survey Unit Number: BSA 04-09 Asphalt Driveway Survey		Survey Log Number: 7112 C 160226		Date: 2/26/2015
Technician(s): K. Weldon <i>KW</i> 03-03-16		Reviewed by: J. Bushman / <i>JB</i> 3/8/16		Time: 12:30
Instrument # 1		Instrument # 2		Ludlum 3030E 43-10-1 A
Instrument & Probe:	Lud 2360 43-89 A	Instrument & Probe:	N/A	Instrument SN: 232152
Instrument SN:	237312	Instrument SN:	N/A	Alpha Bkg: 1.3
Cal Due Date:	7/8/2016	Cal Due Date:	N/A	Beta Bkg: 39.7
Probe Size:	125	Probe Size:	N/A	Alpha Eff: 36.0%
Weighted Eff.:	7.0%	Weighted Eff.:	N/A	Beta Eff: 21.8%
				Alpha MDA (dpm): 20.5
				Beta MDA (dpm): 114.0
				Batch No: N/A

Comments: A 10% Scan of BSA 04-09 was performed using 2360 43-89 "A" in accordance with HDP-PR-FSS-701. Scan was primarily focused along cracks and crevices where debris could have potentially settled along with the 11 systematic locations.

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	B04-09-01-S-F-S-00	1.0	3	0	0	205	778	0.04
2	1	B04-09-02-S-F-S-00	2.0	6	0	0	179	479	0.03
3	1	B04-09-03-S-F-S-00	1.0	3	0	0	177	456	0.02
4	1	B04-09-04-S-F-S-00	3.0	0	3	14	209	824	0.04
5	1	B04-09-05-S-F-S-00	1.0	3	0	0	177	456	0.02
6	1	B04-09-06-S-F-S-00	1.0	3	0	0	191	617	0.03
7	1	B04-09-07-S-F-S-00	0.0	0	0	0	168	352	0.02
8	1	B04-09-08-S-F-S-00	1.0	3	0	0	173	410	0.02
9	1	B04-09-09-S-F-S-00	2.0	6	0	0	180	490	0.03
10	1	B04-09-10-S-F-S-00	0.0	0	0	0	163	295	0.02
11	1	B04-09-11-S-F-S-00	2.0	6	0	0	175	433	0.02
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Hematite Decommissioning Project	Procedure: HDP-PR-FSS-712, Final Status Surveys of Structures, Systems, and Components (SSCs)	Revision 0
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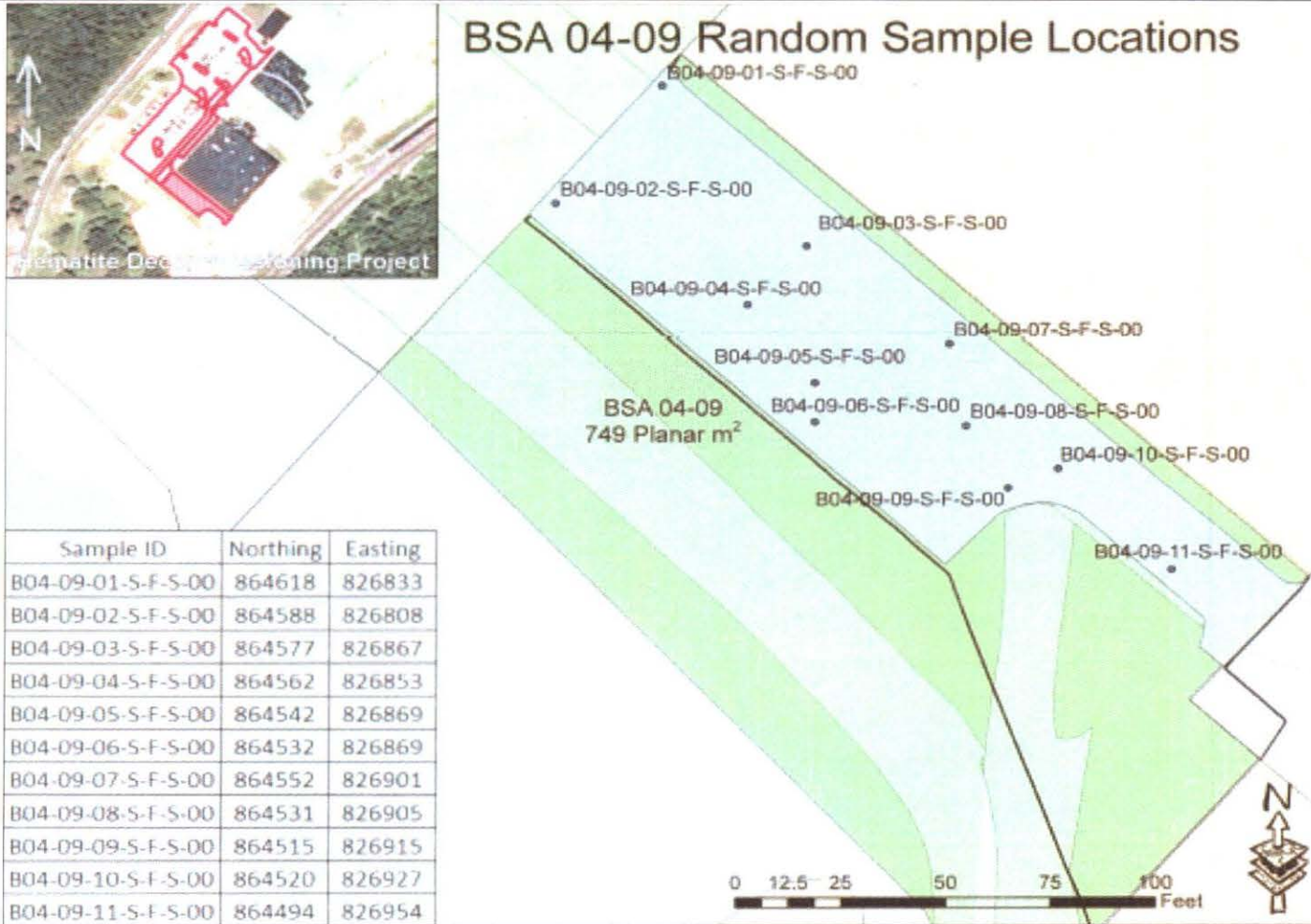
FORM HDP-PR-FSS-712-1 FINAL STATUS SURVEY RESULTS

Survey Unit Description & Survey Unit Number: BSA 04-09 Asphalt Driveway Survey		Survey Log Number: 7112 C 160226		Date: 2/26/2015							
Technician(s): K. Weldon <i>K. Weldon</i> 03.03.16		Reviewed by: J. Bushman / <i>J. Bushman</i> 3/8/16		Time: 12:30							
Print/Sign/Date		Print/Sign/Date									
Instrument # 1			Instrument # 2								
Ludlum 3030E 43-10-1 A											
Instrument & Probe:	Lud 2360 43-89 A	MDA (dpm/100cm ²):	629.7	Instrument & Probe:	N/A	MDA (dpm/100cm ²):	N/A	Unit #:	232152	Cal Due:	10/2/16
Instrument SN:	237312	Bkg 1:	129	Instrument SN:	N/A	Bkg 1:	N/A	Alpha Bkg:	1.3	Beta Bkg:	39.7
Cal Due Date:	7/8/2016	Bkg 2:	146	Cal Due Date:	N/A	Bkg 2:	N/A	Alpha Eff:	36.0%	Beta Eff:	21.8%
Probe Size:	125	Bkg 3:	137	Probe Size:	N/A	Bkg 3:	N/A	Alpha MDA (dpm):	20.5	Beta MDA (dpm):	114.0
Weighted Eff.:	7.0%	Ave. Bkg:	137	Weighted Eff.:	N/A	Ave. Bkg:	N/A	Batch No:	N/A		

Comments: A 10% Scan of BSA 04-09 was performed using 2360 43-89 "A" in accordance with HDP-PR-FSS-701. Scan was primarily focused along cracks and crevices where debris could have potentially settled along with the 11 systematic locations.



BSA 04-09 Random Sample Locations



Sample ID	Northing	Easting
B04-09-01-S-F-S-00	864618	826833
B04-09-02-S-F-S-00	864588	826808
B04-09-03-S-F-S-00	864577	826867
B04-09-04-S-F-S-00	864562	826853
B04-09-05-S-F-S-00	864542	826869
B04-09-06-S-F-S-00	864532	826869
B04-09-07-S-F-S-00	864552	826901
B04-09-08-S-F-S-00	864531	826905
B04-09-09-S-F-S-00	864515	826915
B04-09-10-S-F-S-00	864520	826927
B04-09-11-S-F-S-00	864494	826954