

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:	FSS of BSA 04-08	Survey Log Number:	7582 R 160529	Date:	5/29/2016
Technician(s): Print/Sign/Date	Andrew Schooley 5-29-16 <i>AS</i>	Reviewed by: Print/Sign/Date	J. Bushman <i>JB</i> 6/13/16	Time:	14:45
Instrument # 1		Instrument # 2		Tennelec	
Instrument & Probe:	Lud 2360 43-89 E MDA (dpm/100cm ²): 727.7	Instrument & Probe:	N/A MDA (dpm/100cm ²): N/A	Unit #:	1
Instrument SN:	276929 Bkg 1: 224	Instrument SN:	N/A Bkg 1: N/A	Alpha Bkg:	0.8
Cal Due Date:	8/10/2016 Bkg 2: 212	Cal Due Date:	N/A Bkg 2: N/A	Alpha Eff:	25.3%
Probe Size:	125 Bkg 3: 216	Probe Size:	N/A Bkg 3: N/A	Beta Bkg:	2.9
Weighted Eff.:	7.6% Ave. Bkg: 217	Weighted Eff.:	N/A Ave. Bkg: N/A	Alpha MDA (dpm):	14.4
				Beta MDA (dpm):	25.1
				Batch No:	52403

Comments: Performed FSS of the structural surfaces in BSA 04-08. Survey consists of Static Measurements and Smears. Survey performed IAW Procedure HDP-PR-FSS-701 Appendix P-3 for BSA 04-08. See below for Static Measurement and Smear data. 65% Scan Coverage of structural surfaces was performed 2360 'E' (above) in addition with Ludlum 2360 (S/N 275724) & 43-37 (S/N 190620) probe, resulting in 0 elevated readings above the IAL per Appendix P-3 for BSA 04-08.

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	B04-08-01-S-F-S-00	0.2	0.8	3.1	12.1	239	229	0.01
2	1	B04-08-02-S-F-S-00	3.3	12.9	-1.0	0.0	251	356	0.02
3	1	B04-08-03-S-F-S-00	0.2	0.9	2.1	8.2	220	28	0.00
4	1	B04-08-04-S-F-S-00	-0.8	0.0	1.4	5.6	216	0	0.00
5	1	B04-08-05-S-F-S-00	-0.8	0.0	1.4	5.6	246	303	0.02
6	1	B04-08-06-S-F-S-00	-0.7	0.0	-0.6	0.0	250	345	0.02
7	1	B04-08-07-S-F-S-00	0.2	0.9	1.1	4.2	236	197	0.01
8	1	B04-08-08-S-F-S-00	-0.7	0.0	-0.6	0.0	237	208	0.01
9	1	B04-08-09-S-F-S-00	-0.8	0.0	0.4	1.6	226	92	0.00
10	1	B04-08-10-S-F-S-00	0.2	0.8	3.1	12.1	212	0	0.00
11	1	B04-08-11-S-F-S-00	-0.8	0.0	0.4	1.6	216	0	0.00
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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A