
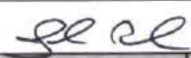
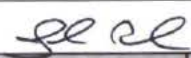


Hematite Decommissioning Project	Procedure: HDP-PR-FSS-712, Final Status Surveys of Structures, Systems, and Components (SSCs)		
	Revision: 5	Page A-1 of 2	

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

Survey Unit Description & Survey Unit Number:	FSS of BSA 04-15	Survey Log Number:	7485 R 160514	Date:	5/13/2016
Technician(s):	Andrew Schooley 5-13-16 	Reviewed by:	Josh Bushman 	Time:	12:45
Print/Sign/Date:		Andrew Schooley 5-13-16		Print/Sign/Date:	Josh Bushman  5/17/16
<b>Instrument # 1</b>		<b>Instrument # 2</b>			<b>Tennelec</b>
Instrument & Probe:	Lud 2360 43-89 I	MDA (dpm/100cm <sup>2</sup> ):	670.5	Instrument & Probe:	N/A
Instrument SN:	275770	Bkg 1:	291	Instrument SN:	N/A
Cal Due Date:	2/24/2017	Bkg 2:	286	Cal Due Date:	N/A
Probe Size:	125	Bkg 3:	307	Probe Size:	N/A
Weighted Eff.:	9.6%	Ave. Bkg:	295	Weighted Eff.:	N/A
Unit #:	1	Alpha Bkg:	0.5	Cal Due:	9/11/16
Alpha Eff:	25.3%	Beta Bkg:	2.8	Beta Eff:	25.4%
Alpha MDA (dpm):	12.0	Beta MDA (dpm):	24.7	Batch No:	52188

Comments: Performed FSS of the structural surfaces in BSA 04-15. Survey consists of Static Measurements, Smears, and, Surface Scan Coverage using a 2360. 50% of the structural surfaces were scanned with 2360 T, resulting in 0 elevated readings above the IAL. Survey was performed IAW Procedure HDP-PR-FSS-701 Appendix P-3 for BSA 04-15. See below for Smear and Static Measurement data.

Sample No.	Instrument Number (i.e., 1 or 2)	Description	Removable Alpha		Removable Beta		Total Contamination (α + β)		DCGL Fraction
			Net CPM	DPM / 100cm <sup>2</sup>	Net CPM	DPM / 100cm <sup>2</sup>	Gross CPM	DPM / 100cm <sup>2</sup>	
1	1	B04-15-01-S-F-S-00	0.5	2.1	0.1	0.2	206	0	0.00
2	1	B04-15-02-S-F-S-00	0.6	2.2	-2.0	0.0	287	0	0.00
3	1	B04-15-03-S-F-S-00	-0.5	0.0	1.4	5.5	383	738	0.04
4	1	B04-15-04-S-F-S-00	1.5	6.0	1.7	6.8	357	521	0.03
5	1	B04-15-05-S-F-S-00	-0.5	0.0	2.4	9.5	355	504	0.03
6	1	B04-15-06-S-F-S-00	-0.5	0.0	0.4	1.6	332	312	0.02
7	1	B04-15-07-S-F-S-00	2.5	9.9	2.4	9.4	337	354	0.02
8	1	B04-15-08-S-F-S-00	0.5	2.1	1.1	4.2	328	279	0.01
9	1	B04-15-09-S-F-S-00	-0.5	0.0	3.4	13.4	359	538	0.03
10	1	B04-15-10-S-F-S-00	0.5	1.9	4.1	16.0	374	663	0.04
11	1	B04-15-11-S-F-S-00	-0.5	0.0	4.4	17.4	309	120	0.01
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A