Hematite Decommissioning Project	Procedure: HDP-PR-HP-311, Radiological Surveys	Revision: 0

FORM HDP-PR-HP-311-1 RADIOLOGICAL SURVEY REPORT

Purpose of Survey:	Survey of utility junction box in LSA 05-02									**Log Number:**	3066 C 130814
Technician(s): Print/Sign/Date	S. Jenkins 8/14/13			**Reviewed by: Print/Sign/Date**		Michelle Bresnahan 8/22/13					
Instrument & Probe	**Serial Number**	**Calibration Due**	**Probe Area (cm^2)**	**Alpha Bkg (cpm)**	**Alpha Efficiency**	**Alpha MDA (dpm)**	**Beta Bkg (cpm)**	**Beta Efficiency**	**Beta MDA (dpm)**	**Date:**	8/14/2013
Tennelec LB 1 GFPC	68819	9/25/13	N/A	0.9	26.3%	23.4	3.0	31.0%	28	**Time:**	11:00
Lud 2360 43-89 D	276928	7/27/14	125	6.0	13.2%	87.3	192.0	8.6%	628	**Smear Area:**	~ 100 cm^2
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**Batch #:**	32815
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**RWP:**	RP-13-G009
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**Misc:**	N/A

Remarks: Average GA BKG was 6 alpha / 373 beta. IAL based on FSS instructions was 33 alpha / 590 beta. No areas noted above IAL.

		Removable Alpha		**Removable Beta**		**Total Alpha**		**Total Beta**		**βγ Dose Rate**		
#	**Description**	**Net CPM**	**DPM / 100cm^2**	**Net CPM**	**DPM / 100cm^2**	**Gross CPM**	**DPM / 100cm^2**	**Gross CPM**	**DPM / 100cm^2**	**Contact uR/hr**	**Gen. Area uR/hr**	**Limit Exceeded**
1	Exterior surface of junction box.	0.1	<MDA	4.0	<MDA	10	<MDA	349	1461	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

α - removable alpha
β - removable beta
ϕ - direct reading