

Hematite Decommissioning Project	Procedure: HDP-PR-HP-311, Radiological Surveys	Revision: 0
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FORM HDP-PR-HP-311-1 RADIOLOGICAL SURVEY REPORT

Purpose of Survey:	Survey of partially exposed curb located in LSA 05-02	Log Number:	3064 C 130814
Technician(s):	S. Jenkins <i>[Signature]</i> 8/15/13	Reviewed by:	Michelle Bresnahan <i>[Signature]</i> 8/22/13
Print/Sign/Date		Print/Sign/Date	

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: 11:05
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 #: 32793
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 4 alpha / 350 beta. IAL CPM based on FSS instructions was 31 alpha / 567 beta. No areas noted above IAL. See attached map for location information.

#	Description	Removable Alpha		Removable Beta		Total Alpha		Total Beta		By Dose Rate		Limit Exceeded
		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	
1	1 meter section of curb	-0.9	<MDA	3.3	<MDA	13	<MDA	455	2447	N/A	N/A	N/A
2	1 meter section of curb	2.1	<MDA	1.3	<MDA	8	<MDA	422	2140	N/A	N/A	N/A
3	1 meter section of curb	-0.9	<MDA	-0.7	<MDA	8	<MDA	344	1414	N/A	N/A	N/A
4	1 meter section of curb	-1.0	<MDA	4.3	<MDA	5	<MDA	365	1610	N/A	N/A	N/A
5	1 meter section of curb	0.1	<MDA	1.0	<MDA	7	<MDA	379	1740	N/A	N/A	N/A
6	1 meter section of curb	-0.9	<MDA	2.3	<MDA	4	<MDA	387	1815	N/A	N/A	N/A
7	1 meter section of curb	0.1	<MDA	1.0	<MDA	10	<MDA	435	2261	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	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

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Instrument	Serial Number	Calibration Due	Probe Area (cm²)	Alpha Bkg (cpm)	Alpha Efficiency	Alpha MDA (dpm)	Beta Bkg (cpm)	Beta Efficiency	Beta MDA (dpm)	Date: 08/14/13
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Approx. 15 feet
of Curb Buried

