From: Brad Frazee ████████████████████████████

Sent: Monday, November 10, 2014 4:55 PM

To: Jennings, Stephanie

Cc: Wondolleck, John

Subject: ETEC D&D Waste Quantity Estimates

Stephie,

Attached is our estimate of waste quantities and types for the D&D phase of the project. This information is approved for release to your contractors. If there are any questions, please let me know. A few key acronyms – NNSS Nevada National Security Site, USEI – US Ecology Idaho.

Regards,

Brad

NORTH WIND
A CIRI COMPANY

Brad Frazee
Program Manager
North Wind

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Please consider the environment before printing.

D&D Waste Management, Transportation and Disposal Activities						
		Demolition Quantities Generated				
Facility / Complex	BLDG	Clean Debris (Class III)	Haz/ Regulated	Decommissioned Material (Class I)	ACM	Recycle
CLIN 00008 - Decommissioned Facilities						
HWMF Complex	4029			• 21 CY (concrete, debris) • 18 CY (steel)		
	4133		• 0.9 CY (lead, other)	• 23.3 CY (concrete) • 34.2 CY (steel) • 99 CY (asphalt)	• 0.4 CY	
CLIN 00008- Non-Radiological Facilities						
SPTF (67% Recycled)	4462 4463	• 1000 CY	• 35.5 CY (lead, etc.)		• 15.2 CY	• 1607 CY (steel) • 501.3 CY (other)
Former ETEC HQs (70% recycled)	4038	• 141.2 CY	• 32.1 CY		• 13.8 CY	• 101 CY (steel) • 204 CY (asphalt) • 141.2 CY (concrete)
LMDL-2 (91% recycled)	4057	• 79 CY	• 15.1 CY		• 6.5 CY	• 883 CY (steel) • 100 CY (concrete)
4019*	4019		• 29.7 CY	• 1132 CY (debris)	• 5.8 CY	

CLIN 00009- SNAP Facilities						
		Demolition Quantities Generated				
Facility / Complex	BLDG	LLRW (NNSS)	MLLRW (NNSS)	Released Material , NUREG 1.86 Criteria		
				Clean Debris (USEI)	HAZ (USEI)	ACM (USEI)
SETF	4024	• 755 CY (concrete) • 125 CY (metal)		• 3047 CY (concrete, debris) • 229 CY (asphalt)	• 29.7 CY	• 12.7 CY

CLIN 00009- RMHF						
		Demolition Quantities Generated				
Facility / Complex	BLDG	LLRW (NNSS)	MLLRW (NNSS)	Released Material , <NUREG 1.86 Criteria		
				Clean Debris (USEI)	HAZ (USEI)	ACM (USEI)
RMHF	4021	• 887 CY	• 9.1 CY		• 15.2 CY	
	4022	• 1404 CY	• 8.6 CY	• 1299 CY (steel) • 54 CY (concrete, debris)	• 13.8 CY	• 3.7 CY
	Other	• 28 CY		• 80 CY (concrete)		

Facility / Complex	BLDG	Demolition Quantities Generated				
		LLRW (NNSS)	MLLRW (NNSS)	Released Material , <NUREG 1.86 Criteria		
				Clean Debris (USEI)	HAZ (USEI)	ACM (USEI)
RMHF (Cont.)	4034			• 19 CY (concrete, debris) • 95 CY (steel)	• 1.4 CY	• 0.6 CY
	4044			• 23.7 CY (concrete, debris) • 117.5 CY (steel)	• 1.7 CY	• 0.7 CY
	4075			• 57.7 CY (concrete, debris) • 40.5 CY (steel)	• 4.6 CY	• 2.0 CY
	4563			• 2 CY (concrete, debris) • 27.9 CY (steel)		
	4621			• 11.9 CY (concrete, debris) • 11.7 CY (steel)	• 1.3 CY	• 0.6 CY
	4665			• 9 CY (concrete, debris) • 5.9 CY (steel)	• 1 CY	• 0.4 CY
	4658			• 1.9 CY (concrete, debris) • 1 CY (steel)	• 0.2 CY	• 0.1 CY
	4688			• 16.2 CY (concrete, debris) • 6.11 CY (debris)		
	4663			• 19.6 (concrete, debris)		
	Asphalt	• 80 CY (asphalt)		• 717 CY (asphalt)		

D&D Waste Management, Transportation and Disposal Activities (continued)

CLIN 00009- RMHF (continued)

* Although 4019 is included as CLIN 0009, its waste can be managed as "Decommissioned" facility per C.6.3-15.