

From: Liz English [mailto:lenglish@lanl.gov]
Sent: Tuesday, January 04, 2011 9:03 AM
To: Owens, Kirk W.
Cc: Roles, Gary W.; Eichner, John M.; Taylor, Ellen L.
Subject: RE: Waste question

Hi, Kirk-

Yes, that is the amount of nonhazardous waste that has been disposed of to date on the RLUOB project. FYI, 81 percent of RLOUB waste has been diverted from the landfill.

The estimated waste quantity accounts for all construction waste, including miscellaneous waste generated by the workers.

Liz English

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From: Owens, Kirk W. [mailto:KIRK.W.OWENS@saic.com]
Sent: Monday, January 03, 2011 4:38 PM
To: Liz English
Cc: Roles, Gary W.; Eichner, John M.; Taylor, Ellen L.
Subject: Waste question

Liz,

We like the idea of using real data like that from constructing RLUOB for providing estimates. The data provided for construction indicates that the volume of nonhazardous waste estimated for the 2010 Modified CMRR-NF was estimated based on RLUOB. We want to use the same waste generation factor to update the expected waste from building the 2003 CMRR-NF. We have back-calculated some numbers and are looking for confirmation or correction of our calculations.

Based on the relative sizes of the CMRR-NF (394,000 sq ft) and the waste amount listed below, we estimate that the waste factor is about 13.25 pounds of waste per square foot of construction. Use of this factor and the size of RLUOB (208,125 square feet) would have resulted in approximately 1,379 tons of nonhazardous waste. Could you confirm that we have correctly backed out the waste generation factor?

A related question is, does the estimated quantity of waste include only construction debris or does it include construction debris plus solid waste (miscellaneous waste generated by workers)?

11.0	Waste Management & Pollution Prevention	
11.1	Provide estimates of the waste that will be generated during construction and the disposition plans for such waste.	2611 tons nonhazardous. ^[1] Disposition location – Permitted/licensed industrial solid waste facility; TBD by subcontractor.
11.2	Pollution prevention	Project will employ recycling practices for construction-generated wastes.

^[1] This figure was arrived at by using actual RLUOB waste generation figures and adjusting for square footage.

Thanks,

KO

Kirk Owens | SAIC

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