Message

From: Monroy, Geraldine [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=79E13A7EA37E43648745DF41AB9D2188-MONROY, GER]
Sent: 3/10/2020 2:49:05 PM
To: Kirk Kessler [kkessler@montrose-env.com]
CC: Scully, Pam [scully.pam@epa.gov]; Gupta, Prashant K [prashant.gupta@honeywell.com]
Subject: RE: Removal Response Action BMI Quantity Question

Hi, Kirt. Correct, the total quantity does. What is the (correct) breakdown of quantities for hazardous and non-hazardous? Feel free to call to discuss. Thanks, Gina

---

From: Kirk Kessler <kkessler@montrose-env.com>
Sent: Tuesday, March 10, 2020 10:35 AM
To: Monroy, Geraldine <Monroy.Geraldine@epa.gov>
Cc: Scully, Pam <scully.pam@epa.gov>; Gupta, Prashant K <prashant.gupta@honeywell.com>
Subject: RE: Removal Response Action BMI Quantity Question

Gina – the BMI numbers match when you add in the "Awaiting Disposal" quantity from the 2nd table.

From: Monroy, Geraldine <Monroy.Geraldine@epa.gov>
Sent: Tuesday, March 10, 2020 8:50 AM
To: kkessler@montrose-env.com
Cc: Scully, Pam <scully.pam@epa.gov>
Subject: Removal Response Action BMI Quantity Question

Good morning Kirk,

I am assisting Pam on the LCP OU3 Site. As I was reviewing the removal Close-out Reports, I found a discrepancy in the BMI quantities between the Summary Close-out Report and the BMI Report. For reference, I have snipped the tables from each report, as shown below.

The backfill and South Removal Area numbers are correct in the both reports, but the BMI numbers do not match. Would you let us know which report is correct and why there are differences?

This table is from the Summary Report:

TABLE 1

APPROXIMATE REMOVAL QUANTITIES

REMOVAL AREA	SUBTITLE DWASTE (yd^3)	SUBTITLE C/ TSCA (yd^3)	DEEP BACKFILL[1] (yd^3)	TOTAL (yd^3)
Anode Loading Area	0	900	0	900
Bunker C Tank Farm	2510	350	0	2860
Brine Mud Impoundments	16397	10393	7760	34550
Caustic Area	1735	785	0	2520
Cell Building Area	0	0	40	40
Former Facility Disposal Area	0	18915	0	18915
Hydrogen Metering Station	0	61	0	61
Material Staging and Retort Area	0	7145	0	7145
North Central Area	1780	300	0	2080
North Dredge Spoils Area and Outfall Pond Berm	455	710	0	1165
North Rail Yard	1140	0	0	1140
North Removal Area	9345[2]	0	0	9345
North Removal Expansion Area	9075[2]	0	0	9075
North Separator	1240[2]	0	0	1240
Northwest Field	320	1750	0	2070
Old South Tank Farm	770	0	0	770
Outfall Pond and Canal	0	1880	0	1880
Raw Brine Enclosures	0	0	1340	1340
Salt Dock Area	0	135	0	135
Scrap Yard and Cell Parts Area	80	10165	1340	11585
Secondary Bunker C Tank Area	325	15	0	340
South Rail Yard	1665	1200	0	2865
South Removal Area	18735	2440	140	21315
South Separator	0	1325	0	1325
Waste Disposal Impoundment	5590	491	0	6081
Site Totals	71162	58960	10620	140742

(1) Deep backfill requirement was a minimum of 3 ft below imported borrow fill.

(2) Some or all of material required chemical treatment to render non-hazardous

This is from the BMI Report:

	Hazardous Disposed yd^3 (m^3)	Non-hazardous Disposed yd^3 (m^3)	Backfill yd^3 (m^3)	Awaiting Disposal yd^3 (m^3)	Total yd^3 (m^3)
Processed Brine Mud	8,440 (6,453)	NA	NA	6,511 (4,978)	14,951 (11,431)
BMI excavation	6,179 (4,724)	1,565 (1,197)	140 (107)	NA	7,884 (6,028)
BMI berms	2,285 (1,747)	1,810 (1,384)	7,620 (5,826)	NA	11,715 (8,957)
South Removal Area	2,440 (1,866)	18,735 (14,324)	140 (107)	NA	21,315 (16,296)

NA = Not Applicable

Kind regards,
Gina

Geraldine S. Monroy, PE, PMP | Remedial Project Manager
Office: 404-562-8653 | Cell: 470-542-0962 | Email: Monroy.Geraldine@epa.gov

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments and the reply from your system. If you are not the intended recipient, you are hereby notified that any disclosure, use, dissemination, copying, or storage of this message or its attachments is strictly prohibited.