

FFCO

STP FY08 Rev 19.0

 **ENTERED**Corrections to FY08 Q3 and Q4 MTRU Shipment reports (emailed to RK on 4/6/09)

Rebecca, I am sending you most of the draft of the correction letter. I know you're 'anxious' to get to your review of the STP and I wanted you to have the correct data. It will still be awhile before I have the official signatures to send it out. I hope the formatting doesn't get too messed up in the email. It looks ok at my end.

While preparing the FY08 update to the Site Treatment Plan (STP), we identified three issues with the data we submitted [in the quarterly reports]:

1. Three containers of waste had duplicate records due to data entry errors; the three containers were reported twice in the fourth quarter of FY08 (ENV-RCRA-08-222),
2. A number of containers (82) of waste that were shipped to WIPP in the third and fourth quarters were not reported in the notifications, and
3. Differences in volume due to repacking may create discrepancies between the volume of waste removed from the STP inventory and the volume of waste shipped to WIPP.

Each of these discrepancies is discussed below.

1. Duplicate containers:

Three containers were reported twice in the report for the fourth quarter of FY08. Table 1 lists the containers that should be removed from the list of shipped waste (Table 2) in the letter dated November 10, 2008 (ENV-RCRA-08-222).

Table 1. Duplicate Containers Reported in FY08 Q4

Treatability Group	Container Number	Volume	Reported Date of Shipment
Cemented sludge	S794304	0.208	7/31/08
Cemented sludge	S804763	0.208	7/31/08
Cemented sludge	S850388	0.208	7/31/08

2. Shipped containers that were not reported:

The database query that we had used for the third and fourth quarters did not fully identify repacked containers that had been shipped. A corrected query is now being used to retrieve the shipment data and we do not anticipate further inconsistencies. Table 2

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shows the additional volume of waste in each treatability group that was shipped to WIPP in the third and fourth quarters of FY08. Table 2 provides detail for the additional containers of shipped waste that were not previously reported.

Table 2. Additional Volume of MTRU Waste Shipped to WIPP (by Treatability Group)

FY08 Quarter	Treatability Group	Volume Shipped (m3)
3	Cemented sludge	0
3	Combined combustible and non-combustible waste	10.192
Subtotal for Q3:		10.192
4	Cemented sludge	1.456
4	Combined combustible and non-combustible waste	5.408
Subtotal Q4:		6.864
Total Additional Waste Volume Shipped		17.056

Table 3 provides detailed information for the additional STP-covered MTRU waste containers that LANL sent to WIPP during the third and fourth quarters of FY08.

Table 3. MTRU Waste Containers Shipped to WIPP (by Treatability Group)

STP Section	Generator Acceptable Knowledge Number	WIPP Waste Stream Number	Treatability Group	Shipping Manifest Number	Container Number	Volume Shipped (m3)	Date Shipped
4	CCP-AK-LANL-4	LA-MIN03-NC.001	Cemented sludge	001511457JJK	S822070	0.208	9/30/08
4	CCP-AK-LANL-4	LA-MIN03-NC.001	Cemented sludge ¹	001511456JJK	S823705	0.208	9/30/08

STP Section	Generator Acceptable Knowledge Number	WIPP Waste Stream Number	Treatability Group	Shipping Manifest Number	Container Number	Volume Shipped (m3)	Date Shipped
4	CCP-AK-LANL-4	LA-MIN03- NC.001	Cemented sludge ¹	001511468JJJ	S825048	0.208	9/30/08
4	CCP-AK-LANL-4	LA-MIN03- NC.001	Cemented sludge ¹	001511455JJJ	S825083	0.208	9/30/08
4	CCP-AK-LANL-4	LA-MIN03- NC.001	Cemented sludge ¹	001511468JJJ	S825105	0.208	9/30/08
4	CCP-AK-LANL-4	LA-MIN03- NC.001	Cemented sludge ¹	001511468JJJ	S825112	0.208	9/30/08
4	CCP-AK-LANL-4	LA-MIN03- NC.001	Cemented sludge ¹	001511468JJJ	S831821	0.208	9/30/08
4	CCP-AK-LANL-4	LA-MIN03- NC.001	Cemented sludge ¹	001511455JJJ	S825083	0.208	9/30/08
Subtotal¹:						1.4560	
4	CCP-AK-LANL-6	LA- MHD01.001	Combined combustible and noncombustible waste	001511411JJJ	80111	0.208	4/1/08
4	CCP-AK-LANL-6	LA- MHD01.001	Combined combustible and noncombustible waste	001511411JJJ	80176	0.208	4/1/08
4	CCP-AK-LANL-6	LA- MHD01.001	Combined combustible and noncombustible waste	001511411JJJ	80180	0.208	4/1/08
4	CCP-AK-LANL-6	LA- MHD01.001	Combined combustible and noncombustible waste	001511411JJJ	80187	0.208	4/1/08
4	CCP-AK-LANL-6	LA- MHD01.001	Combined combustible and noncombustible waste	001511411JJJ	80189	0.208	4/1/08

STP Section	Generator Acceptable Knowledge Number	WIPP Waste Stream Number	Treatability Group	Shipping Manifest Number	Container Number	Volume Shipped (m3)	Date Shipped
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511411JJK	80207	0.208	4/1/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511411JJK	80266	0.208	4/1/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511411JJK	80292	0.208	4/1/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511411JJK	80330	0.208	4/1/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511412JJK	80210	0.208	4/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511412JJK	80294	0.208	4/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511412JJK	80297	0.208	4/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511412JJK	80304	0.208	4/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511412JJK	80323	0.208	4/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511414JJK	80062	0.208	4/3/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511414JJK	80343	0.208	4/3/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511415JJK	80021	0.208	4/7/08

STP Section	Generator Acceptable Knowledge Number	WIPP Waste Stream Number	Treatability Group	Shipping Manifest Number	Container Number	Volume Shipped (m3)	Date Shipped
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511415JJK	80031	0.208	4/7/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511415JJK	80205	0.208	4/7/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511415JJK	80273	0.208	4/7/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511415JJK	80345	0.208	4/7/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511417JJK	80306	0.208	4/8/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511417JJK	80339	0.208	4/8/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511422JJK	80235	0.208	4/17/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511422JJK	80374	0.208	4/17/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511422JJK	80378	0.208	4/17/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511425JJK	80362	0.208	4/22/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511425JJK	80370	0.208	4/22/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511427JJK	80151	0.208	4/25/08

STP Section	Generator Acceptable Knowledge Number	WIPP Waste Stream Number	Treatability Group	Shipping Manifest Number	Container Number	Volume Shipped (m3)	Date Shipped
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511427JJK	80152	0.208	4/25/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511427JJK	80227	0.208	4/25/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511427JJK	80274	0.208	4/25/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511427JJK	80295	0.208	4/25/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511427JJK	80298	0.208	4/25/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511427JJK	80299	0.208	4/25/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJK	80199	0.208	4/26/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJK	80328	0.208	4/26/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJK	80368	0.208	4/26/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJK	80394	0.208	4/26/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJK	80395	0.208	4/26/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJK	80397	0.208	4/26/08

STP Section	Generator Acceptable Knowledge Number	WIPP Waste Stream Number	Treatability Group	Shipping Manifest Number	Container Number	Volume Shipped (m3)	Date Shipped
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJJ	80398	0.208	4/26/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJJ	80400	0.208	4/26/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511429JJJ	80401	0.208	4/26/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511431JJJ	80366	0.208	5/20/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511431JJJ	80369	0.208	5/20/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511431JJJ	80377	0.208	5/20/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511432JJJ	80372	0.208	5/21/08
4	CCP-AK-LANL-10	LA-MHD04.001	Combined combustible and noncombustible waste	001511436JJJ	80126	0.208	5/22/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJJ	80446	0.208	9/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJJ	80448	0.208	9/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJJ	80450	0.208	9/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJJ	80456	0.208	9/2/08

STP Section	Generator Acceptable Knowledge Number	WIPP Waste Stream Number	Treatability Group	Shipping Manifest Number	Container Number	Volume Shipped (m3)	Date Shipped
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJK	80462	0.208	9/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJK	80483	0.208	9/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJK	80485	0.208	9/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJK	80512	0.208	9/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511448JJK	80529	0.208	9/2/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511455JJK	63135	0.208	9/10/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511456JJK	80505	0.208	9/15/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511456JJK	80575	0.208	9/15/08
4	CCP-AK-LANL-9	LA-MHD03.001	Combined combustible and noncombustible waste	001511456JJK	80581	0.208	9/15/08
4	CCP-AK-LANL-9	LA-MHD03.001	Combined combustible and noncombustible waste	001511457JJK	80454	0.208	9/16/08
4	CCP-AK-LANL-9	LA-MHD03.001	Combined combustible and noncombustible waste	001511457JJK	80460	0.208	9/16/08
4	CCP-AK-LANL-9	LA-MHD03.001	Combined combustible and noncombustible waste	001511457JJK	80466	0.208	9/16/08

STP Section	Generator Acceptable Knowledge Number	WIPP Waste Stream Number	Treatability Group	Shipping Manifest Number	Container Number	Volume Shipped (m3)	Date Shipped
4	CCP-AK-LANL-9	LA-MHD03.001	Combined combustible and noncombustible waste	001511457JJK	80499	0.208	9/16/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511458JJK	80390	0.208	9/23/08
4	CCP-AK-LANL-9	LA-MHD03.001	Combined combustible and noncombustible waste	001511465JJK	80452	0.208	9/24/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511465JJK	80561	0.208	9/24/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511465JJK	80573	0.208	9/24/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511465JJK	80630	0.208	9/24/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511465JJK	80636	0.208	9/24/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511465JJK	80657	0.208	9/24/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511468JJK	80626	0.208	9/30/08
4	CCP-AK-LANL-6	LA-MHD01.001	Combined combustible and noncombustible waste	001511468JJK	80660	0.208	9/30/08
4					Subtotal:	15.600	

¹ These wastes were repackaged from 85 gal overpacks (0.3215m³) into 55 gal containers (0.208m³) before shipment. Therefore, the volume of *Cemented sludge* removed from the STP inventory is 2.137 m³; the volume of waste reported in Tables 1 and 2 as shipped and received at WIPP is 1.456m³.

Documentation that waste was received at WIPP is provided in Table 3 above. The data in Table 3 are also provided in spreadsheet format on the enclosed compact disk, Enclosure B.

The volume of MTRU waste shipped to WIPP in the third and fourth quarters of FY08 should be adjusted as shown in Tables 4 and 5.

Table 4. MTRU Waste Volume Corrections for FY08 (Q3)

Treatability Group	Volume Shipped (m³) as reported in FY08 Q3	Change in Volume (m³) due to additional shipped containers	Corrected Shipped Volume (m³)
Cemented sludge	56.53	0	56.53
Combined combustible and non-combustible waste	2.29	10.192	12.482
Combustible waste	0.83	0	0.83
Metallic waste	0.42	0	0.42
Total Volume Shipped	60.07	10.192	70.262

Table 5. MTRU Waste Volume Corrections for FY08 (Q4)

STP Section	Treatability Group	Volume Shipped (m³) as reported in FY08 Q4	Change in Volume (m³) due to removal of duplicates	Change in Volume (m³) due to additional shipped containers	Corrected Shipped Volume (m³)
4.0	Cemented sludge	59.32	-0.624	1.456	60.152
4.0	Combined combustible and non-combustible waste	6.03	0	5.408	11.438
4.0	Combustible waste	1.46	0	0	1.46
4.0	Metallic waste	0.83	0	0	0.83
4.0	Solidified inorganic and organic solids	0.62	0	0	0.62
Total Volume Shipped		68.26	-0.624	6.864	74.500

3. Volume changes due to repacking:

We also found a discrepancy that could create confusion with respect to waste volumes. Waste volumes are based on the capacity of the waste container. Each overpacked container is recorded as having a volume of 85 gallons (0.3215 m³). Before shipment, however, each overpacked container is repacked in a 55 gallon container (0.208 m³). The volume of waste removed from the STP inventory is based on the original overpacked volume, while the shipped-to-WIPP volume, as reflected in the tables, is based on the smaller 55 gallon containers. This difference affects only the volume of *Cemented sludge* in this corrected data. The volume differences do not affect the changes in STP inventory reported in the FY08 STP update (LA-UR 09-01880).

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