

**From:** clayton.shedrow [REDACTED]  
**Sent:** Tuesday, February 26, 2008 9:32 AM  
**To:** Dimarzio, John A.; Gorden, Milton E.  
**Cc:** greg.burbage [REDACTED]; betsy.westover [REDACTED]; perjetta.hightower [REDACTED]; drew.grainger [REDACTED]  
**Subject:** Fw: Waste management questions

John, Milton

Please see attached.

[REDACTED]

C. Barry Shedrow  
[REDACTED]

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----- Forwarded by Clayton Shedrow [REDACTED] on 02/26/2008 09:28 AM -----

**Greg Burbage** [REDACTED] To Clayton Shedrow [REDACTED]  
02/25/2008 03:31 PM cc Betsy Westover [REDACTED], Perjetta Hightower [REDACTED]  
Subject Fw: Waste management questions

Barry, could you channel this info. back to John/Milton. These responses were provided by NMM Waste Certification Engineer, Betsy Westover. Thanks.

Answers to questions 1 and 2 below in red text..

----- Forwarded by Greg Burbage [REDACTED] on 02/25/2008 03:14 PM -----

**"Gorden, Milton E."** [REDACTED] To <greg.burbage [REDACTED]>  
[REDACTED] cc "Dimarzio, John A." [REDACTED]  
02/23/2008 03:10 PM Subject RE: Fw: Waste management questions

Greg,

Thanks for the below information. If I may, I have a couple more questions.

1. Of the LLW generated from K-Area (about 270 cubic meters in 2007), about how much of that is associated with the Pu storage mission? Percentage estimate is ok. I was provided forecasted waste generation data for K-Area that goes through FY2010 for LLW, and I'd apply the same percentage to the forecasted values. **K-Area Interim Surveillance (KIS) operations is the only Pu. mission currently generating waste within NMM (no waste production specific to KAMS operations). Of the 270 m3 in 2007, approximately 10 m3 was contributed from KIS. However, please assume 15-20 m3 LLW per year from KIS for project life/duration.**
2. You state below that the project would primarily generate sanitary and TRU waste. Over the last 5 years, there hasn't been any TRU waste generated, based on data I have received; although 0.6 cubic meters of TRU is forecast through FY2010 (0.2m3 per year). Does your operational experience agree with this assessment? **KIS did not start operations until 6/07. That is when TRU waste generation began. Yes, ~0.2 m3/yr. from KIS anticipated (routine operational generation). Add 0.2 m3 every other year for routine maintenance in KIS (i.e., filter replacement). Plutonium Disposition/Vitrification would obviously increase this TRU waste generation.**

Thanks.

Milton Gorden  
SAIC

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**From:** greg.burbage [REDACTED]  
**Sent:** Wednesday, February 13, 2008 4:04 PM  
**To:** clayton.shedrow [REDACTED]  
**Cc:** cary.stevens [REDACTED]; don.sink [REDACTED]; drew.grainger [REDACTED]; hal.morris [REDACTED]; john.harley [REDACTED]; Dimarzio, John A.; linn.liles [REDACTED]; Gorden, Milton E.; peter.fairchild [REDACTED]; v.knopf [REDACTED]; michael.hess [REDACTED]; betsy.westover [REDACTED]  
**Subject:** Re: Fw: Waste management questions

1. The C & D Landfill on Burma Rd. has been closed (please confirm Mike Hess).
2. Regarding K-Area LLW, a) the LLW backlog has been significantly reduced over the past several years, b) waste minimization and pollution prevention practices have become enhanced, c) finally, the K-Area Interim Surveillance Project and Design Basis Threat Project missions have moved the facility away from a significant LLW generation in 2007 (primarily sanitary and TRU waste generation).

Clayton  
Shedro

To Hal Morris, Greg Burbage, V Knopf, Linn Liles,  
John Harley, Don Sink, Cary Stevens,  
Peter Fairchild

02/13/2008  
03:32 PM

cc Drew Grainger, milton.e.gorden, john.a.dimarzio

Subject Fw: Waste management questions

To all

Sorry for the shotgun approach, but hopefully some of you can respond to the questions posed in the attached email from the EIS contractor. If I need to be going to someone else for an answer, please let me know. Time is short, so please let me hear from you as quickly as possible.

Thanks.

C. Barry Shedrow

[Redacted]

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----- Forwarded by Clayton Shedrow [Redacted] on 02/13/2008 03:22 PM -----

"Gorden, Milton E." [Redacted]

02/13/2008 02:44 PM

To <clayton.shedrow [Redacted]>  
cc "Dimarzio, John A." [Redacted]

Subject Waste management questions

Mr. Shedrow,

I have been working on completing the waste management writeup for the SPD SEIS affected environment. You provided an update to tables from the HLW Tank Closure EIS which I have used to update my information. The table I have is actually a composite of that table and a similar table in the SPD EIS (1999). There are a couple of facilities shown that I have questions about.

- In the HLW Tank Closure EIS, there are Hazardous Waste/Mixed Waste Containment Building (planned for ops in 2006) and associated Hazardous Waste/Mixed Waste vaults. Are these still in the planning stages or have they been canceled? I remember these facilities being planned back in 1991 when I was there and I thought they would be dropped by now.
- Burma Road Cellulosic and Construction Waste Landfill: is this landfill going to reach its capacity this year? If so, should I reflect it as operational, assuming the Draft SEIS is published this summer?

Regarding the waste generation rates that you provided:

- For LLW, MW, Hazardous and Sanitary, the site-wide 2007 generation rate is well below the 5-year average according to your table. Is there a reason(s) that can be given for this drop in waste generation for 2007?
- For K-Area, LLW generation in 2007 was about 10 times less than the 5-year average. Was this due to facility maintenance and upgrades for Pu storage in the years prior to 2007?

Thanks in advance for your help.

Milton Gorden  
SAIC