

**chamberlain, kathryn, NMENV**

**From:** Becky-Coel Roback [becky\_cr@lanl.gov]

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**To:** chamberlain, kathryn, NMENV

Katie--sorry this took a little while. I think I have all the clarification on the grid sampling, slope stabilization, and spot removal activities at SWMU 21-013(b) and AOC 21-013(g). Based on field log books and daily field activity reports:

- The major regrading of the northwestern portion of the slope took place from August 22 to 26, 2005.
- Grid layout in anticipation of slope sampling took place on August 30, 2005
- Regrading work was performed again during the week of September 5, 2005, and was inspected on Friday, September 9, 2005
- Grid sampling was conducted from September 7 to September 15, 2005
- On September 13, the daily report states that the crew "completed touchup operations on the slope benches." My guess is that it was in response to a rain event, although the report doesn't specify. This happened periodically during fall 2005 to address BMP maintenance (i.e., fixing berms, etc.) on the benches due to precipitation and/or in response to SWPPP inspections. It was not wholesale regrading activities such as that which occurred in August.
- A site walk was conducted with you, John Young, and Darlene Goering on September 21, 2005.
- More slope repair was conducted on September 22 and 23, 2005.
- Two spot removals for plutonium-239 occurred on April 21, 2006. These removals occurred on the north central portion of the slope, in primarily native materials, where no significant earthmoving activities had occurred.
- A spot removal for benzo(a)anthracene was conducted on August 24, 2006. This was at location 21-24650, right at the southwest corner of MDA V (northwest corner of the slope). This location, as stated in the investigation report, had the potential to have been impacted by regrading/repair activities conducted on that corner of the slope after samples were collected. However, based on the descriptions in the daily field reports, these activities do not seem likely to have resulted in the movement of large volumes of material.

I hope all of this is helpful, and let me know if you need anything else.

Thanks,  
Becky

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