

TA 16

MEMORANDUM

TO: John Young and David Cobrain, HWB

FROM: Erik Galloway, Hydrologist, DOE Oversight Bureau

DATE: 9/22/2005

SUBJECT: Reconnaissance of TA-16-340 Building Debris on Sigma Mesa

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On 9/21/2005 at approximately 2:00pm I met with Mark P. Haggstad, Tim Zimmerly of LANL and Gene Turner of DOE at TA-59. After a brief reconnaissance of the follow-up work being done at the TA-50 Pumphouse spill site, we then went out to the TA-16-340 Building Debris site on Sigma Mesa. Upon entering the site I saw large piles, as high as 10 to 15 feet of rubble. This rubble was mostly concrete but there were several other piles of miscellaneous debris scattered throughout the site. Scattered throughout the site were several wire flags that I was told were to mark the sample locations which corresponded to the site sampling and analysis plan. I was told that in order to sample, large bulldozers were brought in to move the rubble pile being sampled so that a sample of the soil located underneath could be taken. I asked them that as soon as the sample analysis data was received from the lab and was QA/QC'd and declassified, that they need to send the data to David Cobrain of HWB as-soon-as-possible.

Next, I asked to see the containment berm that they had erected to deal with any run-on and run-off to the site. The berm was made of dirt and was stabilized by packing it down with bulldozers. After walking the parameter of the site, I told them that I felt that the berm was adequately designed to contain ant storm water but I told them that on the downhill side nearest the adjoining canyon may need to be raise a little or watched during and perspiration activity to make sure that site containment is adequate. I told LANL staff that if it looks at anytime as if the berm is going to brech, they need to reinforce the containment berm and to pump out the excess water into a containment tank for further analysis and disposal. I also told them that NMED needs to be informed of any incident so that we can pull water samples incase of a release to the environment.



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