



Environment, Safety, Health & Quality
Water Quality & RCRA (ENVP-RCRA)
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Date: June 22, 2006
Refer To: ENVP-RCRA: 06-021

Mr. Erik Galloway
New Mexico Environment Department
DOE Oversight Bureau
2905 Rodeo Park Drive East, Bldg. 1
Santa Fe, NM 87505



SUBJECT: PHOTOGRAPHS OF THE STORMWATER CONTROLS, AND BMPS ASSOCIATED WITH THE NMED-DOE OVERSIGHT BUREAU INSPECTION OF THE TA-21 MDA-V PROJECT

Dear Mr. Galloway:

Enclosed are photographs of the stormwater controls, BMPs, and issues associated with the NMED-DOE Oversight Bureau (OB) stormwater inspection of LANL construction sites on June 6 and 7, 2006.

The enclosure contains photographs of stormwater controls on TA-21 MDA-V from the NMED-DOE OB stormwater inspection conducted on June 7, 2006. Descriptions of the stormwater control features are included in the captions. All photographs and captions contained in the enclosure are unclassified and have been assigned LA-UR-06-4376.

If you would like additional information, please contact me at (505) 667-4689.

Sincerely,

Robin Reynolds
NPDES Storm Water Construction General Permit Lead

RR:JM/lm

Enclosure: a/s



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TA-21 MDA-V Project Stormwater Controls

06/07/06 NMED – DOE Oversight Bureau Inspection



Soil berm installed on West side of MDA-V excavation site to divert on-site stormwater run on.



Straw wattles installed on West side of project to dissipate stormwater velocity, attenuate flow and limit sediment transport.



Mulched-native vegetation on ground surface implemented to dissipate stormwater flow and assist with TA-21 MDA-V site stabilization.



Geo-Ridges implemented to dissipate runoff velocity above the slope at the Southwest side of MDA-V.



Flow Dissipation BMPs - Soil berm, natural vegetation and Geo-Ridges above the slope on the Southwest side of MDA-V.



Terraced slope and vegetation on South side of MDA-V.



Downslope view of South side of MDA-V. Stormwater controls including straw wattles, silt fence, terracing, sand bags, and check dams have been implemented.



Cross-view of MDA-V South Slope.



Straw wattles at Southeast corner of MDA-V.