



## memorandum

*Environmental Protection Division  
Water Quality & RCRA Group (ENV-RCRA)*

*To/MS:* Memo to file  
*From/MS:* Anthony Grieggs, ENV-RCRA, K490  
*Phone/Fax:* 5-0451/7-5224  
*Symbol:* N/A  
*Date:* January 30, 2012

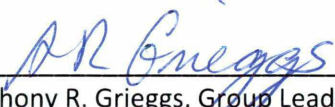
### **NPDES PERMIT NO. NM0030759: CERTIFICATION OF THE 2011 ANNUAL VISUAL (TAL EXCEEDANCE) INSPECTIONS FOR THE STORM WATER INDIVIDUAL PERMIT**

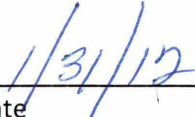
As per Section G.3 of the Individual Permit for storm water discharges from sites located at Los Alamos National Laboratory, a signature of the delegated official of the Permittees shall be included on all inspection reports.

The attached table summarizes the results of eighteen (18) Visual (TAL Exceedance) Inspections conducted during the period Jan. 1, – December 31, 2011 and serves as the “Visual (TAL Exceedance) Inspection Report”. Each SMA/Site inspection was conducted by a trained and qualified inspector and individual inspection forms are maintained as official institutional records for NPDES Permit No. NM0030759.

## **CERTIFICATION STATEMENT OF AUTHORIZATION**

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

  
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Anthony R. Grieggs, Group Leader  
Water Quality & RCRA Group  
Environment, Safety, & Health Directorate  
Los Alamos National Laboratory

  
\_\_\_\_\_  
Date

Cy:  
ENV RCRA File, M704 (w/att.)  
Suzanne Coyne, IRM-DCS, M997  
Terrill Lemke, ENV RCRA, K490  
Sam Loftin, ENV RCRA, K490  
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Steve Veenis, PMFS DO, M997  
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**Summary of TAL Exceedance Inspections**  
**January 1 – December 31, 2011**

Permitted Feature	SMA ID	Inspector	Inspection Date	Observations	Maintenance Performed	Maintenance Date
E010	2M-SMA-1.8	SL	18-Oct-11	No deficiency found.		
E012	2M-SMA-2	SL	17-Oct-11	No deficiency found.		
A004	A-SMA-2.7	SL	20-Oct-11	Facility has been mowing in SMA area. Recommend replacing wattles with earth berm.		
D007	DP-SMA-3	SL	28-Nov-11	Site map shows locations of berms to be installed as augmented controls. Recommend moving sampler to southern perimeter of 21-013 (c) before next rainy season. Current sampler location receives substantial runoff from road.	Planned additional control measures include the installation of approximately 7 runoff earth berms, wood mulch, and seed. Control measures will be installed when weather conditions allow.	n/a
F001	F-SMA-2	SL	31-Oct-11	Recommend extending rundown to the southeast at rock rundown and by water bar near F00104040003. Recommend additional sediment control measures at site. Facility has proposed installation of a retention pond at the site (area shown on map would be a good location).	Built up and extended rock check dams -0004, -0005, and -0007.  Installed 6 earthen berms as augmented control measures. Rock check dam -0008 replaced by new earth berm.	09/07/2011  12/2/2011
L001	LA-SMA-0.85	SL	25-Nov-11	No deficiency found.		
L003	LA-SMA-1	SL	29-Nov-11	No deficiency found.		
L004	LA-SMA-1.1	SL	29-Nov-11	No deficiency found.		
L005	LA-SMA-1.25	SL	29-Nov-11	No deficiency found.		
L010	LA-SMA-4.1	SL	29-Nov-11	No deficiency found.		
J027	PJ-SMA-20	SL	27-Oct-11	No deficiency found.		
R002	R-SMA-1	SL	21-Sep-11	No deficiency found.		

SL = S.R. Loftin, PhD, Certified Inspector of Sediment and Erosion Control

SW = S. Winsemius, State of New Mexico Professional Engineer, Certified Inspector of Sediment and Erosion Control, Certified Professional in Erosion and Sediment Control

**Summary of TAL Exceedance Inspections**  
**January 1 – December 31, 2011**

Permitted Feature	SMA ID	Inspector	Inspection Date	Observations	Maintenance Performed	Maintenance Date
S001	S-SMA-0.25	SW	14-Oct-11	Majority of SMA is paved or landscaped surfaces with minimal contact for the storm water to sediments. High traffic volume and number of fences could contribute to the MTAL exceedance for Zn. Recommend evaluating improvements to the channel that runs through 03-013(a) and 03-052(f) to aid in minimizing contact of the storm water with sediments.		
S003	S-SMA-2	SW	19-Oct-11	Recommend maintenance to address erosion under gabion blanket -0006 within 03-056(c).	No follow-up required. This gabion blanket cannot be repaired due to position on slope. Recommend retiring control; rip-rap -0005 serves same function. High priority SMA - being evaluated for engineered control measures.	n/a
S003A	S-SMA-2.01	SL	24-May-11	No deficiency found.		
S003A	S-SMA-2.01	SL	20-Oct-11	No deficiency found.		
S006	S-SMA-3.6	SL	24-May-11	No deficiency found.		
W002	W-SMA-1.5	SL	20-Oct-11	No deficiency found.		

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