

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

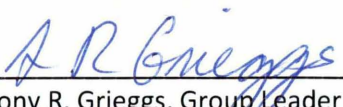
NPDES PERMIT NO. NM0030759: CERTIFICATION OF THE 2011 SIGNIFICANT EVENT INSPECTIONS FOR THE STORM WATER INDIVIDUAL PERMIT

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.

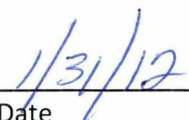
The attached table summarizes the results of six (6) Significant Event Inspections conducted during the period Jan. 1, – December 31, 2011 and serves as the "Significant Event Inspection Report". Each SMA/Site inspection was conducted by a trained and qualified inspector and individual inspection forms 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."



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
DeAnn Meadows, IRM-DCS, K490

Steve Veenis, PMFS DO, M997
Jeff Walterscheid, ENV RCRA, M997

Summary of Significant Event Inspections
January 1 – December 31, 2011

SMA ID	Purpose	Inspector	Inspection Date	Observations	Maintenance Performed	Maintenance Date
A-SMA-2	Assess impact of small fire at TA-39 on June 15, 2011.	SL	20-Jun-11	The fire did not directly impact any IP control measures but could result in increased runoff and sediment to the sampler location. Evaluated additional control measures to manage runoff with Facility Operations personnel. Recommended ditch maintenance and installation of three or more rock check dams.	Recommendations for additional control measures were given to TA-39 Facility Operations staff.	
CHQ-SMA-6	Las Conchas fire recovery inspection to assess impact of wildfire mitigation actions.	SL	08-Jul-11	Rock check dams -0001, -0002, -0007 and -0008 acted as backup control measures during blading of fire breaks. Recommend installation of 3 rock berms and seeding bare areas if necessary to control erosion.	Three (3) additional rock berms installed.	17-Oct-11
A-SMA-6	Las Conchas fire recovery inspection to assess impact of wildfire mitigation actions.	SL	08-Jul-11	Paved road margins were bladed to create a fire break. Activities should have little impact to water quality. All controls functioned as backup during blading activities.		
CDV-SMA-1.4	Inspection following post-Las Conchas Fire storm water flows on August 3, 2011.	SL	08-Aug-11	Most controls in main channels were destroyed and will need to be replaced. See map for area impacted by the flood event. Recommend installation of 9 new rock check dams in channels; approximately 10 wattles on west area of SMA and 1 rock-lined channel above sampler (see site map).	Ten (10) wattles and two (2) rock check dams installed.	11-Aug-11
CDV-SMA-1.4	Inspection following post-Las Conchas Fire storm water flows on August 21, 2011.	SL	23-Aug-11	Crews had installed 10 wattles and one (1) new rock check dam since the previous flood. The new rock check dam and one existing rock check dam (-0012) need maintenance. The wattles will need to be re-staked and crews will need to complete installation of storm water control configuration described in last significant event inspection.	Seven (7) additional rock check dams installed; riprap lined channel re-established.	9-Aug-11

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 Significant Event Inspections
January 1 – December 31, 2011

SMA ID	Purpose	Inspector	Inspection Date	Observations	Maintenance Performed	Maintenance Date
M-SMA-3	Potable water line break on Nov. 25, 2011, during Thanksgiving break.	SL	29-Nov-11	Recommend maintenance for riprap M03040600008.	Repaired and modified rip rap -0008. Rills caused by water line break were raked out and rock was added to extend rip rap to the west. Disturbed areas were seeded.	1-Dec-2011

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