



OCT 14 '16 PM 1:05



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Environment, Safety, and Health  
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Los Alamos, New Mexico 87545  
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*Environmental Management*  
Los Alamos Field Office  
1900 Diamond Drive, MS M984  
Los Alamos, New Mexico 87544  
(505) 665-5658/FAX (505) 606-2132

*Date:* OCT 14 2016

*Refer To:* ADESH-16-127

*LAUR:* 16-27055; 16-27123

*Locates Action No.:* n/a

Paulette Johnsey, Chief  
Water Enforcement Branch (6EN)  
Compliance Assurance and Enforcement Division  
U.S. Environmental Protection Agency, Region 6  
1445 Ross Avenue, Suite 1200  
Dallas, Texas 75202-2733

**Subject: NPDES Permit No. NM0030759 – Certification of Installation of Enhanced Control Measures for Two Site Monitoring Areas [ACID-SMA-2 and ACID-SMA-2.1]**

Dear Ms. Johnsey:

These documents are being submitted in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 for Los Alamos National Laboratory, issued to Los Alamos National Security, LLC, and the U.S. Department of Energy, effective November 1, 2010. As specified in Part I, Section E.1(c),

Permittees shall certify completion of installation of control measures under this subsection to EPA within 30 days of completion of all such measures at the Site....

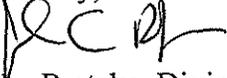
Accordingly, the SMA-specific certification documents for enhanced control measures completed at two site monitoring areas (SMAs) listed in Table 1 are attached. Each certified document includes a signed certification statement, a list of the enhanced control measures installed at the SMA, a photograph of each enhanced control measure, and a site map. The certified documents can be accessed at the following website <http://www.lanl.gov/> and searching under the key words "Individual Permit".

**Table 1**  
**List of SMAs in This Submittal of Certification**  
**of Installation of Enhanced Control Measures**

Watershed	Priority	Site Number	SMA Number	Permitted Feature
Los Alamos/Pueblo	Moderate	01-002(b)-00 45-001 45-002 45-004	ACID-SMA-2	P002
Los Alamos/Pueblo	Moderate	01-002(b)-00	ACID-SMA-2.1	P003

If you have any questions, please contact Terrill Lemke at (505) 665-2397 (tlemke@lanl.gov) or David Rhodes at (505) 665-5325 (david.rhodes@em.doe.gov).

Sincerely,

  
 John Bretzke, Division Leader  
 Environmental Protection & Compliance Division  
 Los Alamos National Laboratory

Sincerely,

  
 David S. Rhodes, Director  
 Office of Quality and Regulatory Compliance  
 Environmental Management  
 Los Alamos Field Office

JB/DR/BR/SV:sm

Attachments: One hard copy with electronic files – Certification of installation of enhanced control measures for two site monitoring areas (see individual document for LA-UR number)

Cy: (w/att.)  
 Sarah Holcomb, NMED-SWQB, P.O. Box 5469, Santa Fe, NM 87502

Cy: (w/electronic att.)  
 Laurie King, EPA Region 6, Dallas, TX  
 Steve Yanicak, NMED-DOE-OB, MS M894  
 emla.docs@em.doe.gov  
 Terrill Lemke, ADESH-EPC-CP  
 Public Reading Room (EPRR)  
 ADESH Records  
 PRS Database

Cy: (w/o att./date-stamped letter emailed)  
 Everett Spencer, EPA Region 6  
 Brent Larsen, EPA Region 6  
 lasomailbox@nnsa.doe.gov  
 Kimberly Davis Lebak, DOE-NA-LA  
 Peter Maggiore, DOE-NA-LA  
 Jennifer von Rohr, DOE-EM-LA  
 David Rhodes, DOE-EM-LA  
 Steve Veenis, ADEM ER Program  
 Bruce Robinson, ADEM ER Program  
 John Bretzke, ADESH-EPC-DO  
 Michael Brandt, ADESH  
 William Mairson, PADOPS  
 Craig Leasure, PADOPS

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**Certification of Installation of  
Enhanced Control Measures  
at ACID-SMA-2**

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**LA-UR-16-27055**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P002

ACID-SMA-2

Sites:45-001,  
45-002, 45-004,  
01-002(b)-00

The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1(c), which requires the Permittees (i.e., DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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CERTIFICATION STATEMENT OF AUTHORIZATION

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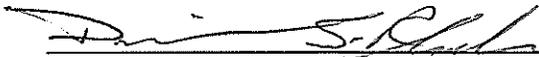
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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 there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."



Environmental Programs  
Los Alamos National Laboratory

10/5/2016

Date



Environmental Management Los Alamos Field Office  
U.S. Department of Energy

10-13-2016

Date

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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P002

ACID-SMA-2

Sites: 45-001,  
 45-002, 45-004,  
 01-002(b)-00

In accordance with Part I.E.1 (a), the design, installation, and documentation of enhanced control measures reasonably expected to achieve compliance with target action levels identified in the Permit for all Sites within the identified SMA drainage area have been completed.

<b>Enhanced Control Measure Description:</b>			
BMP ID	Type of Control Measure	Control Measure	Photo ID
P00206010014	Check Dam	Rock Check Dam	1.JPG
P00206010015	Check Dam	Rock Check Dam	2.JPG
P00206010016	Check Dam	Rock Check Dam	3.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P002

ACID-SMA-2

Sites: 45-001,  
45-002, 45-004,  
01-002(b)-00

Photos:



Photo: 1.JPG

P00206010014

Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P002

ACID-SMA-2

Sites: 45-001,  
45-002, 45-004,  
01-002(b)-00



Photo: 2.JPG  
P00206010015

Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P002

ACID-SMA-2

Sites: 45-001,  
45-002, 45-004,  
01-002(b)-00



Photo: 3.JPG  
P00206010016

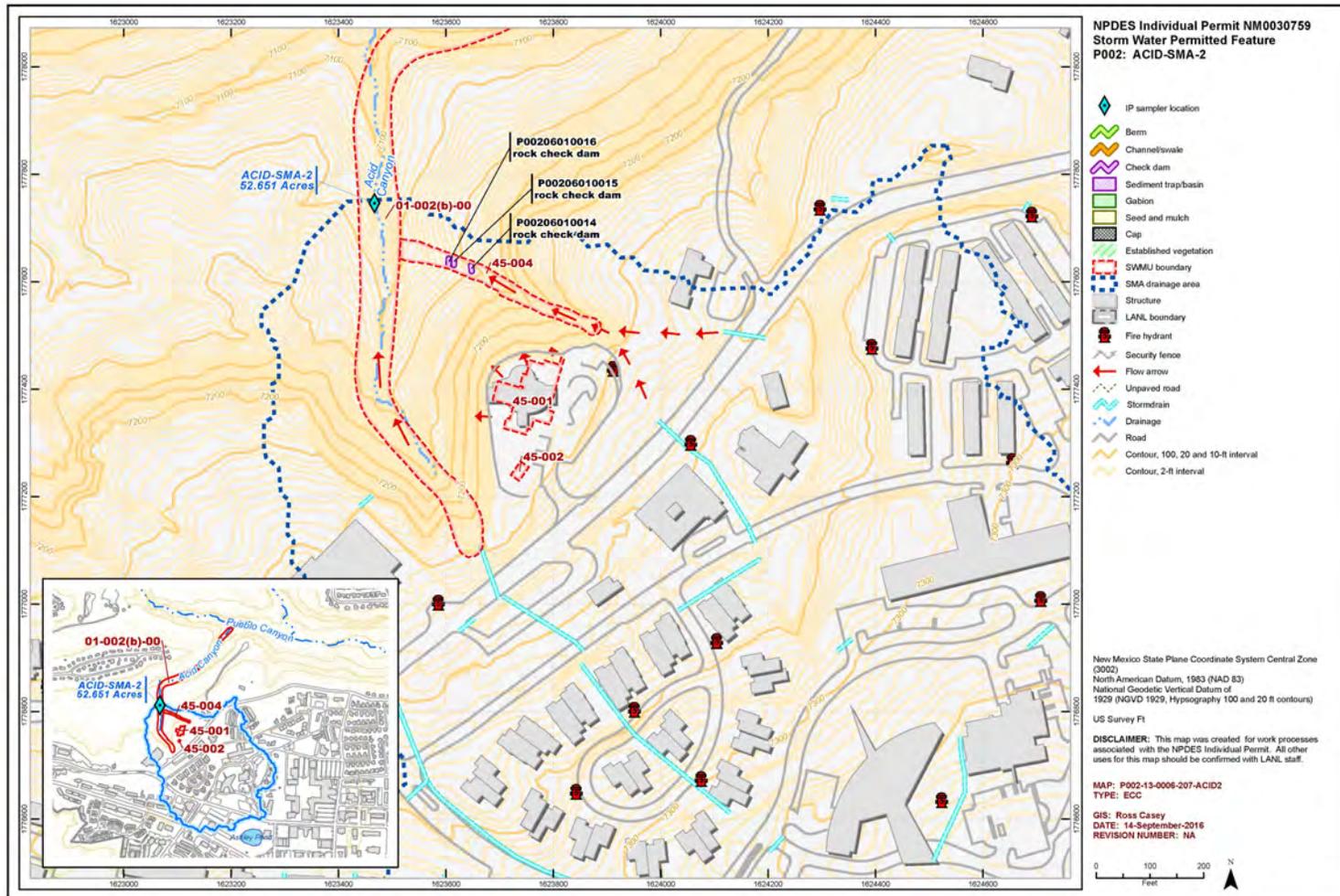
Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES  
ACID-SMA-2

PF: P002

Sites: 45-001, 45-002,  
45-004, 01-002(b)-00



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**Certification of Installation of  
Enhanced Control Measures  
at ACID-SMA-2.1**

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**LA-UR-16-27123**

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**LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES**

PF: P003

ACID-SMA-2.1

01-002(b)-00

The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E. 1(c), which requires the Permittees (i.e., DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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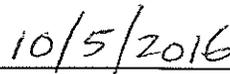
**CERTIFICATION STATEMENT OF AUTHORIZATION**

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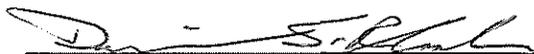
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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 there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."



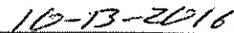
Environmental Programs  
Los Alamos National Laboratory



Date



Environmental Management Los Alamos Field Office  
U.S. Department of Energy



Date

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**LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES**

PF: P003

ACID-SMA-2.1

Sites:  
01-002(b)-00

In accordance with Part I.E.1 (a), the design, installation, and documentation of enhanced control measures reasonably expected to achieve compliance with target action levels identified in the Permit for all Sites within the identified SMA drainage area have been completed.

<b>Enhanced Control Measure Description:</b>			
<b>BMP ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>	<b>Photo ID</b>
P00306010020	Check Dam	Rock Check Dam	1.JPG
P00306010021	Check Dam	Rock Check Dam	2.JPG
P00306010022	Check Dam	Rock Check Dam	3.JPG
P00306020023	Check Dam	Log Check Dam	4.JPG
P00306020024	Check Dam	Log Check Dam	5.JPG
P00306020025	Check Dam	Log Check Dam	6.JPG
P00306020026	Check Dam	Log Check Dam	7.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P003

ACID-SMA-2.1

Sites:  
01-002(b)-00

Photos:



Photo: 1.JPG

P00306010020

Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P003

ACID-SMA-2.1

Sites:  
01-002(b)-00



Photo: 2.JPG  
P00306010021

Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P003

ACID-SMA-2.1

Sites:  
01-002(b)-00



Photo: 3.JPG  
P00306010022

Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P003

ACID-SMA-2.1

Sites:  
01-002(b)-00



Photo: 4.JPG  
P00306020023

Check Dam

- Log Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P003

ACID-SMA-2.1

Sites:  
01-002(b)-00



Photo: 5.JPG  
P00306020024

Check Dam

- Log Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P003

ACID-SMA-2.1

Sites:  
01-002(b)-00



Photo: 6.JPG  
P00306020025

Check Dam

-Log Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: P003

ACID-SMA-2.1

Sites:  
01-002(b)-00



Photo: 7.JPG  
P00306020026

Check Dam

-Log Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES  
ACID-SMA-2.1

PF: P003

Sites:  
01-002(b)-00

