



SEP 10 15 PM 2:50

**Associate Director for ESH**  
 Environment, Safety, and Health  
 P.O. Box 1663, MS K491  
 Los Alamos, New Mexico 87545  
 505-667-4218/Fax 505-665-3811

**Environmental Management**  
 Los Alamos Field Office, MS A316  
 3747 West Jemez Road  
 Los Alamos, New Mexico 87544  
 (505) 665-5658/FAX (505) 606-2132

Date: SEP 10 2015

Refer To: ADESH-15-132

LAUR: on each SMA

Locates Action No.: N/A

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

**Subject: NPDES Permit No. NM0030759 – Submittal of Certification of Installation of Enhanced Control Measures for Six Site Monitoring Areas [2M-SMA-3, CDB-SMA-1, CDV-SMA-1.7, PJ-SMA-1.05, STRM-SMA-1.5, and W-SMA-1.5]**

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 certification documentation for enhanced control measures completed at six site monitoring areas (SMAs) is enclosed. The documentation is organized into SMA-specific reports (Table 1). Each report 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. A copy of this report and the certified results are available from the "Regulatory Documents" link at the following website: <http://www.lanl.gov/community-environment/environmental-stewardship/protection/compliance/individual-permit-stormwater/index.php>.

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

Site Number	SMA Number	Permitted Feature
07-001(a) 07-001(b) 07-001(c) 07-001(d)	2M-SMA-3	E014
46-003(c) 46-004(d2) 46-004(f) 46-004(t) 46-004(w) 46-008(g) 46-009(a) C-46-001	CDB-SMA-1	C004
16-019	CDV-SMA-1.7	V005
09-013	PJ-SMA-1.05	J001
08-009(d)	STRM-SMA-1.5	J029
16-026(b2) 16-028(d)	W-SMA-1.5	W002

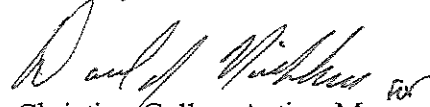
If you have any questions, please contact Terrill Lenke at (505) 665-2397 (tlenke@lanl.gov) or David Rhodes at (505) 665-5325 (david.rhodes@em.doe.gov).

Sincerely,



Alison M. Dorries, Division Leader  
 Environmental Protection Division  
 Los Alamos National Laboratory

Sincerely,



Christine Gelles, Acting Manager  
 Environmental Management  
 Los Alamos Field Office

AD/CG/BR/SV/TL:sm

Enclosures: One hard copy with electronic files – Certification of Installation of Enhanced Control Measures for Six Site Monitoring Areas (see individual document for LA-UR number)

Cy: (w/enc.)

Bruce Yurdin, NMED-SWQB, P.O. Box 5469, Santa Fe, NM 87502 (paper & electronic copy)  
emla.docs@em.doe.gov, MS A316  
Public Reading Room (EPRR)  
ADESH Records

Cy:

(Letter and CD and/or DVD)  
Laurie King, EPA Region 6, Dallas, TX  
Sarah Holcomb, NMED-SWQB  
Steve Yanicak, NMED-DOE-OB, MS M894  
Bill Foley, ADEP ER Program  
PRS Database

Cy: (w/o enc./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  
Annette Russell, DOE-EM-LA  
Karen Armijo, DOE-EM-LA  
David Rhodes, DOE-EM-LA  
Steve Veenis, ADEP ER Program  
Bruce Robinson, ADEP ER Program  
Terrill Lemke, ADESH-ENV-CP  
Mike Saladen, ADESH-ENV-CP  
Alison Dorries, ADESH-ENV-DO  
Michael Brandt, ADESH  
Amy De Palma, PADOPS  
Craig Leasure, PADOPS

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**Certification of Installation of  
Enhanced Control Measures  
at 2M-SMA-3**

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**LA-UR-15-26458**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)

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**

---

"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  
Environmental Remediation  
Los Alamos National Security, LLC

08/27/2015  
Date



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

9-9-2015  
Date

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

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)

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>
E01403010028	Berms	Earthen Berm	49618-9.jpg
E01403010029	Berms	Earthen Berm	49618-14.jpg
E01403060030	Berms	Straw Wattles	49618-13.JPG
E01403140022	Berms	Coir Log	49618-1.jpg
E01403140023	Berms	Coir Log	49618-2.jpg
E01403140024	Berms	Coir Log	49618-3.jpg
E01406010025	Check Dam	Rock Check Dam	49618-4.jpg
E01406010026	Check Dam	Rock Check Dam	49618-5.jpg
E01406010027	Check Dam	Rock Check Dam	49618-6.jpg



LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)

Photos:



Photo: 49618-1.jpg  
E01403140022 Berms

- Coir Log

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



Photo: 49618-13.JPG  
E01403060030 Berms

- Straw Wattles

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



Photo: 49618-14.jpg  
E01403010029 Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



Photo: 49618-2.jpg  
E01403140023 Berms

- Coir Log

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



Photo: 49618-3.jpg  
E01403140024 Berms

- Coir Log

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



Photo: 49618-4.jpg

E01406010025 Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



Photo: 49618-5.jpg

E01406010026 Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



Photo: 49618-6.jpg

E01406010027 Check Dam

- Rock Check Dam



LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E014

2M-SMA-3

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



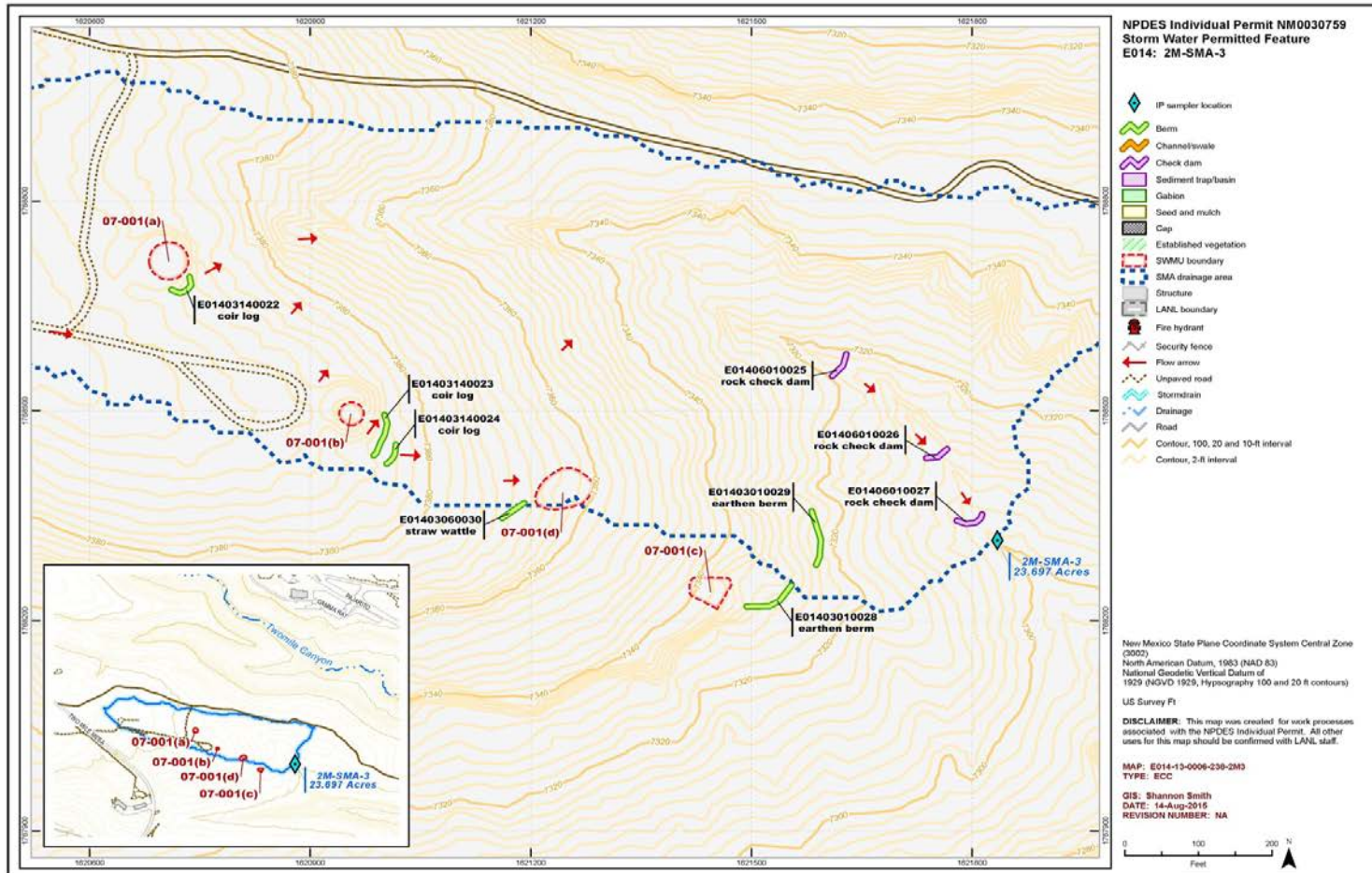
Photo: 49618-9.jpg  
E01403010028 Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES  
2M-SMA-3

PF: E014

Sites: 07-001(a)  
07-001(b)  
07-001(c)  
07-001(d)



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**Certification of Installation of  
Enhanced Control Measures  
at CDB-SMA-1**

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**LA-UR-15-25977**

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

PF: C004

CDB-SMA-1

Sites: 46-003(c)  
46-004(d2)  
46-004(f)  
46-004(t)  
46-004(w)  
46-008(g)  
46-009(a)  
C-46-001


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.

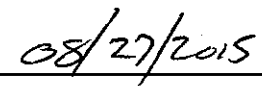
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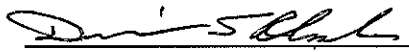
**CERTIFICATION STATEMENT OF AUTHORIZATION**

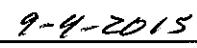
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"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based 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  
Environmental Remediation  
Los Alamos National Laboratory, LLC

  
\_\_\_\_\_  
Date

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

  
\_\_\_\_\_  
Date

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

PF: C004

CDB-SMA-1

Sites: 46-003(c)  
46-004(d2)  
46-004(f)  
46-004(t)  
46-004(w)  
46-008(g)  
46-009(a)  
C-46-001

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
C00403010016	Berms	Earthen Berm	48231-7.JPG
C00403010017	Berms	Earthen Berm	48231-8.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: C004

CDB-SMA-1

Sites: 46-003(c)  
46-004(d2)  
46-004(f)  
46-004(t)  
46-004(w)  
46-008(g)  
46-009(a)  
C-46-001

Photos:



Photo: 48231-7.JPG

C00403010016

Berms

- Earthen Berm



LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: C004

CDB-SMA-1

Sites: 46-003(c)  
46-004(d2)  
46-004(f)  
46-004(t)  
46-004(w)  
46-008(g)  
46-009(a)  
C-46-001



Photo: 48231-8.JPG

C00403010017

Berms

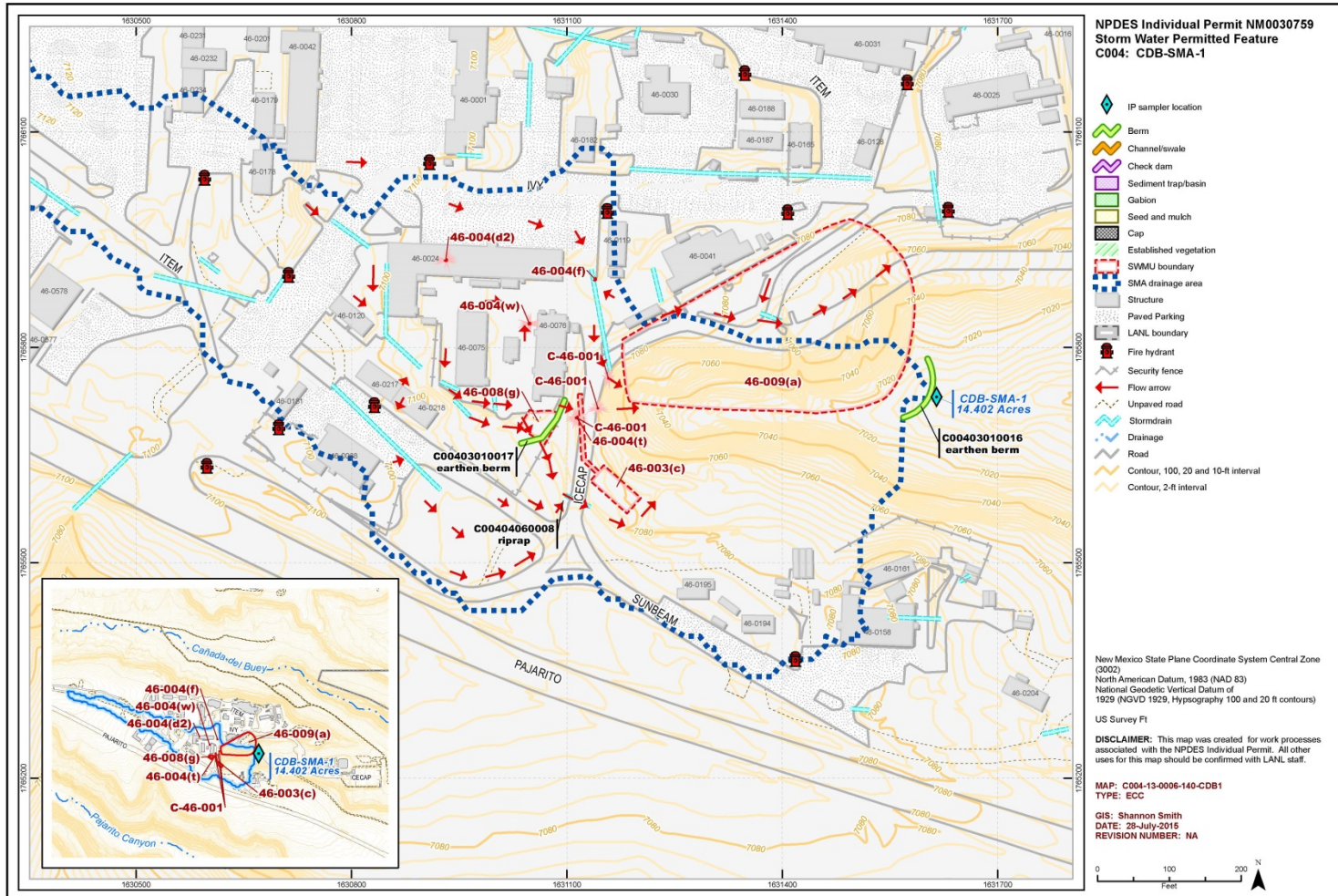
- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: C004

CDB-SMA-1

Sites: 46-003(c), 46-004(d2), 46-004(f)  
46-004(t), 46-004(w), 46-008(g)  
46-009(a) , C-46-001



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**Certification of Installation of  
Enhanced Control Measures  
at CDV-SMA-1.7**

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**LA-UR-15-26037**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019


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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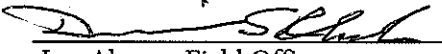
**CERTIFICATION STATEMENT OF AUTHORIZATION**

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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  
Environmental Remediation  
Los Alamos National Security, LLC

08/22/2015  
\_\_\_\_\_  
Date

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

9-4-2015  
\_\_\_\_\_  
Date

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

PF: V005

CDV-SMA-1.7

Sites: 16-019

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>
V00503010027	Berms	Earthen Berm	48335-16.JPG
V00503010028	Berms	Earthen Berm	48335-17.JPG
V00503060024	Berms	Straw Wattles	48335-1.JPG
V00503060025	Berms	Straw Wattles	48335-2.JPG
V00504010018	Channel/Swale	Earthen Channel/Swale	48335-3.JPG
V00504040017	Channel/Swale	Culvert	48335-4.JPG
V00504060026	Channel/Swale	Rip Rap	48335-3.JPG
V00506010019	Check Dam	Rock Check Dam	48335-12.JPG
V00506010020	Check Dam	Rock Check Dam	48335-13.JPG
V00506010021	Check Dam	Rock Check Dam	48335-13.JPG
V00506010022	Check Dam	Rock Check Dam	48335-5.JPG
V00506010029	Check Dam	Rock Check Dam	48335-10.JPG
V00506010030	Check Dam	Rock Check Dam	48335-10.JPG
V00506010031	Check Dam	Rock Check Dam	48335-9.JPG
V00506020023	Check Dam	Log Check Dam	48335-14.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019

Photos:



Photo: 48335-1.JPG

V00503060024

Berms

- Straw Wattles



LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-10.JPG

- |              |           |                  |
|--------------|-----------|------------------|
| V00506010029 | Check Dam | - Rock Check Dam |
| V00506010030 | Check Dam | - Rock Check Dam |

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-12.JPG

V00506010019 Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-13.JPG

V00506010020	Check Dam	- Rock Check Dam
V00506010021	Check Dam	- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-14.JPG

V00506020023

Check Dam

- Log Check Dam

NPDES PERMIT NO. NM0030759

LA-UR-15-26037

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-16.JPG  
V00503010027 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-15-26037

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-17.JPG

V00503010028

Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-15-26037

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-2.JPG

V00503060025      Berms

- Straw Wattles

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-3.JPG

V00504010018 Channel/Swale

- Earthen Channel/Swale

V00504060026 Channel/Swale

- Rip Rap



LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-4.JPG

V00504040017

Channel/Swale

- Culvert

NPDES PERMIT NO. NM0030759

LA-UR-15-26037

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-5.JPG

V00506010022

Check Dam

- Rock Check Dam

NPDES PERMIT NO. NM0030759

LA-UR-15-26037

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V005

CDV-SMA-1.7

Sites: 16-019



Photo: 48335-9.JPG

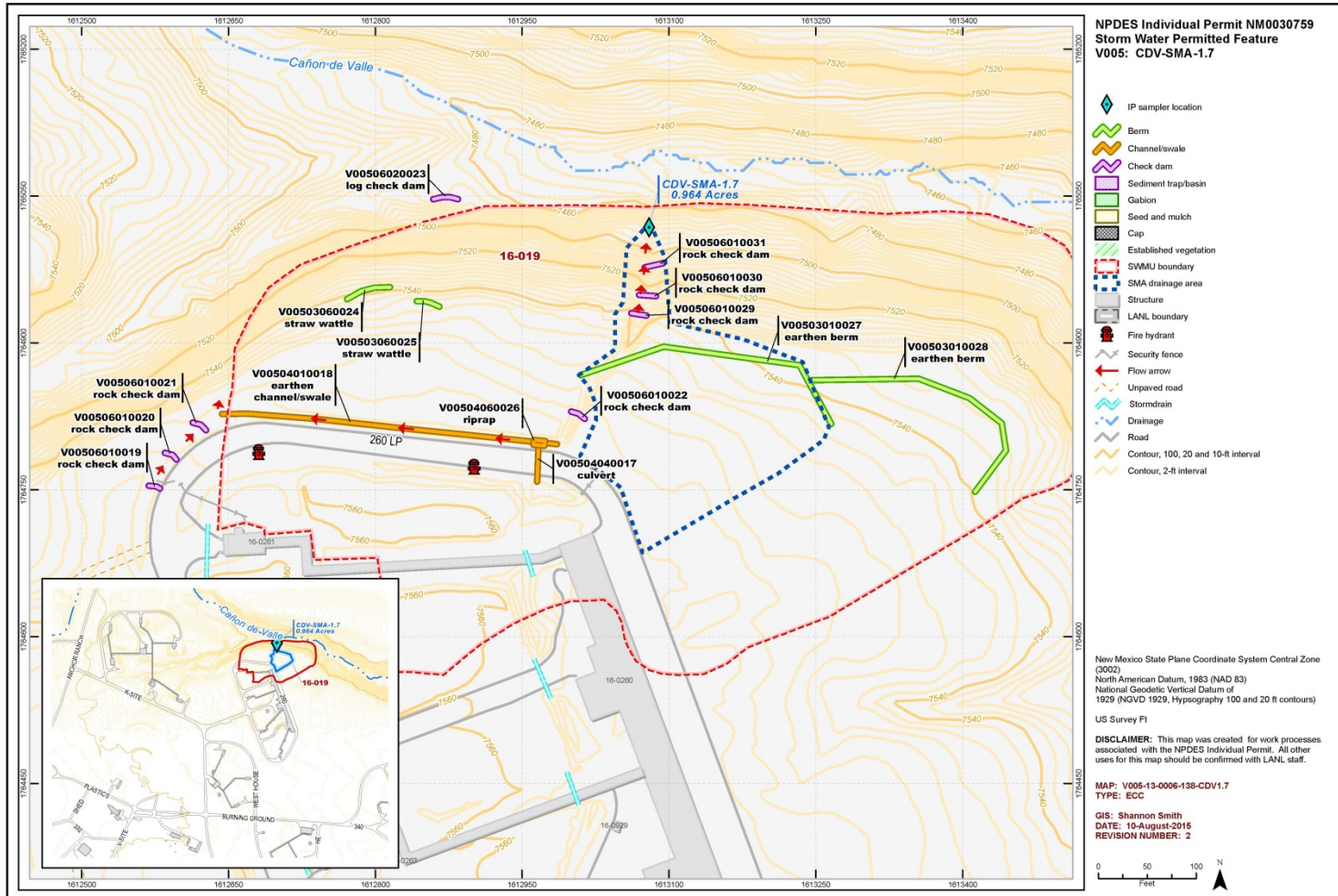
V00506010031 Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES  
CDV-SMA-1.7

PF: V005

Sites: 16-019



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**Certification of Installation of  
Enhanced Control Measures  
at PJ-SMA-1.05**

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**LA-UR-15-26457**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J001

PJ-SMA-1.05

Sites: 09-013

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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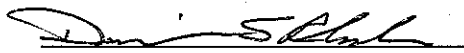
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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  
Environmental Remediation  
Los Alamos National Security, LLC

08/27/2015

Date



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

9-4-2015

Date

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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J001

PJ-SMA-1.05

Sites: 09-013

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>
J00103010020	Berms	Earthen Berm	49619-1.jpg
J00103010021	Berms	Earthen Berm	49619-2.jpg
J00103010022	Berms	Earthen Berm	49619-5.jpg

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J001

PJ-SMA-1.05

Sites: 09-013

Photos:



Photo: 49619-1.jpg  
J00103010020      Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-15-26457

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J001

PJ-SMA-1.05

Sites: 09-013



Photo: 49619-2.jpg

J00103010021

Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-15-26457

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J001

PJ-SMA-1.05

Sites: 09-013



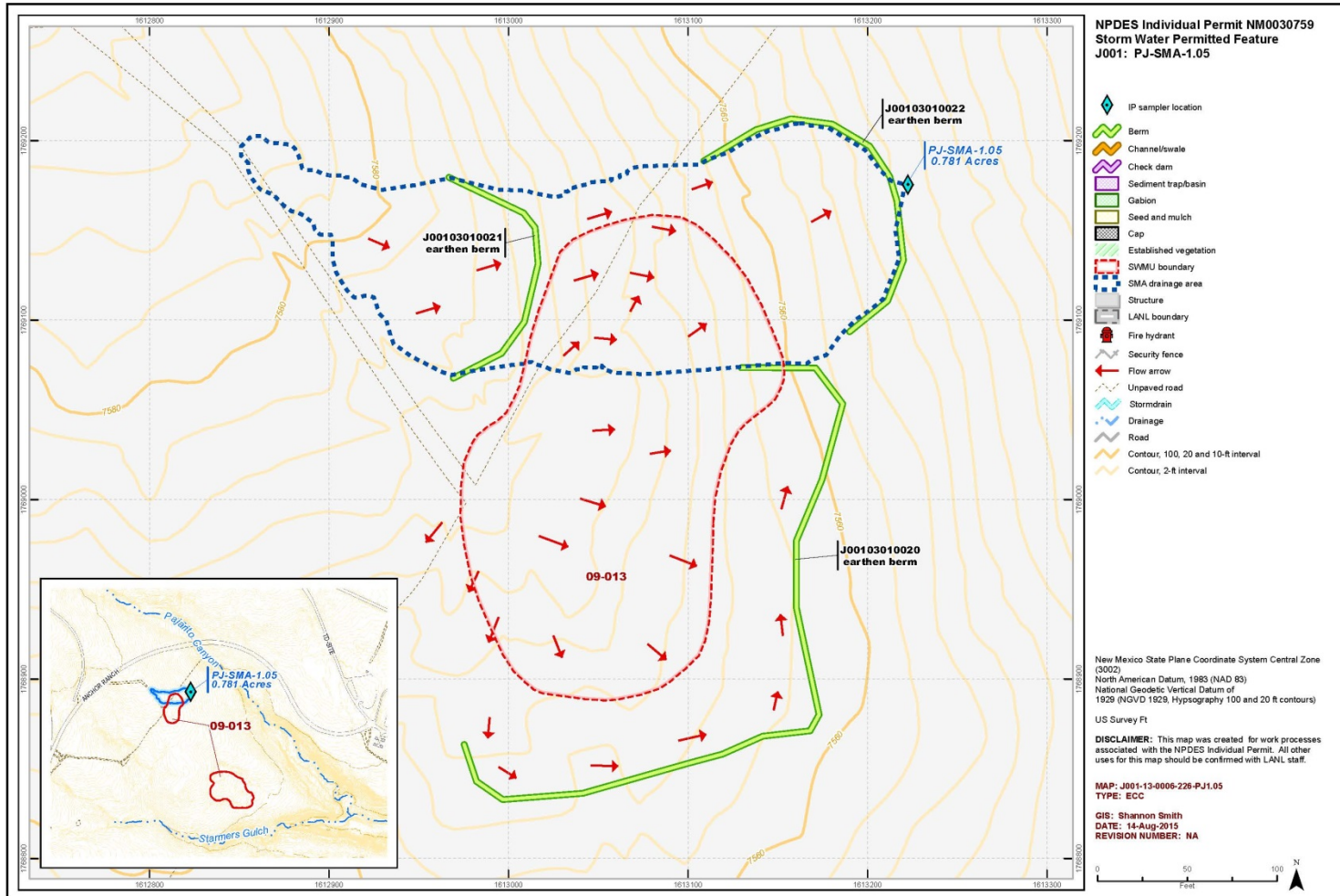
Photo: 49619-5.jpg  
J00103010022      Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES  
PJ-SMA-1.05

PF: J001

Sites: 09-013



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**Certification of Installation of  
Enhanced Control Measures  
at STRM-SMA-1.5**

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**LA-UR-15-26165**

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

PF: J029

STRM-SMA-1.5

Sites: 08-009(d)


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.

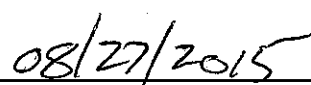
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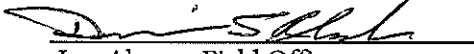
**CERTIFICATION STATEMENT OF AUTHORIZATION**


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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  
Environmental Remediation  
Los Alamos National Security, LLC

  
Date

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

  
Date



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

PF: J029

STRM-SMA-1.5

Sites: 08-009(d)

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>
J02904010019	Channel/Swale	Earthen Channel/Swale	48717-8.JPG
J02904060020	Channel/Swale	Rip Rap	48717-9.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J029

STRM-SMA-1.5

Sites: 08-009(d)

Photos:



Photo: 48717-8.JPG

J02904010019

Channel/Swale

- Earthen Channel/Swale

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J029

STRM-SMA-1.5

Sites: 08-009(d)



Photo: 48717-9.JPG

J02904060020

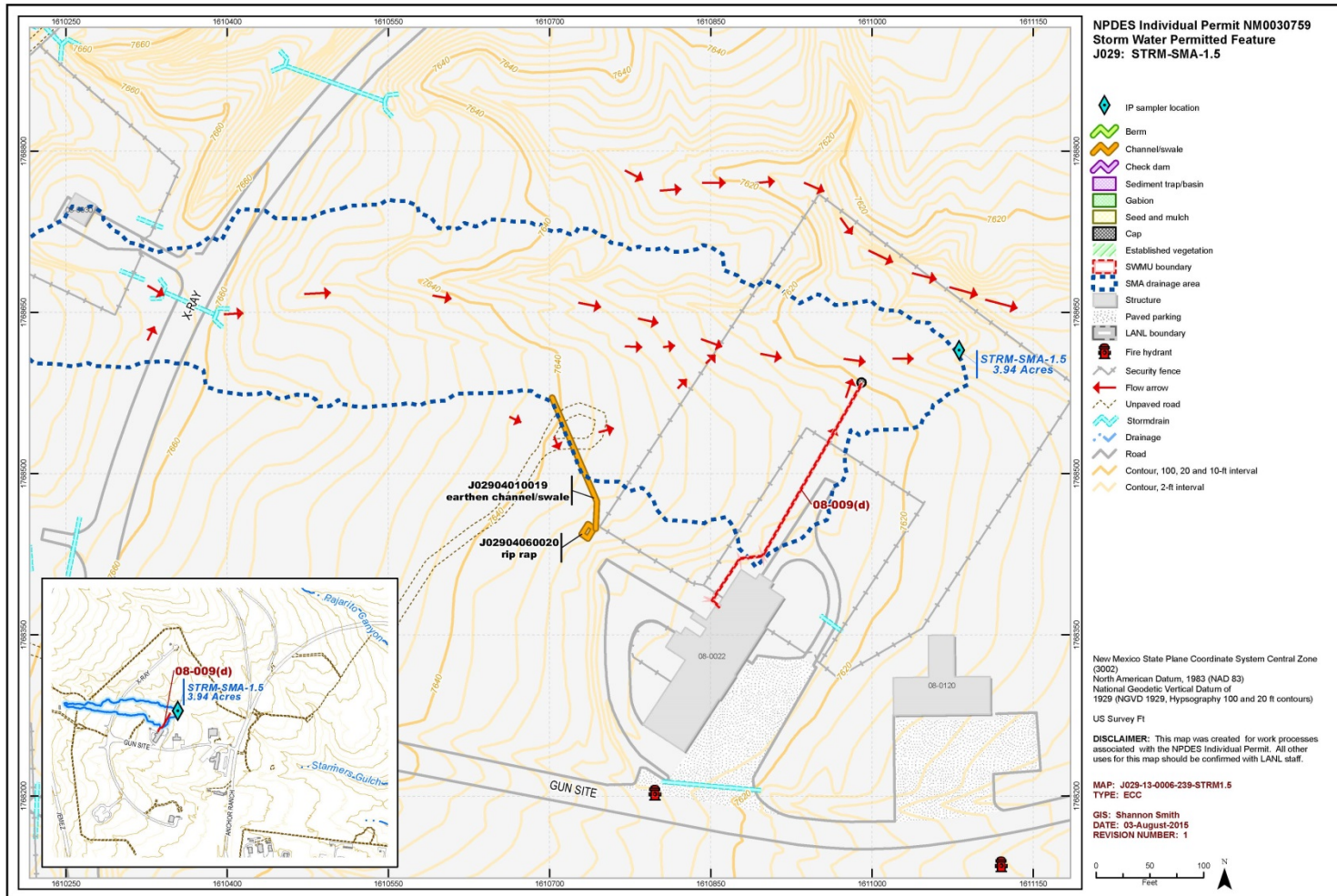
Channel/Swale

- Rip Rap

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES  
STRM-SMA-1.5

PF: J029

Sites: 08-009(d)



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**Certification of Installation of  
Enhanced Control Measures  
at W-SMA-1.5**

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**LA-UR-15-26105**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W002

W-SMA-1.5

Sites: 16-026(b2)  
16-028(d)

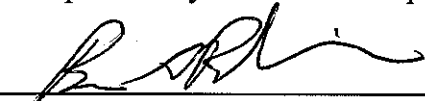
The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1 (c), which requires the Permittees (i.e. DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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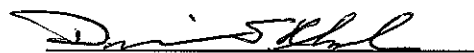
CERTIFICATION STATEMENT OF AUTHORIZATION

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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  
Environmental Remediation  
Los Alamos National Security, LLC

08/27/2015  
Date

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

9-9-2015  
Date



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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W002

W-SMA-1.5

Sites: 16-026(b2)  
 16-028(d)

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
W00203010020	Berms	Earthen Berm	48334-12.JPG
W00205020021	Sediment Traps and Basins	Sediment Basin	48334-13.JPG

NPDES PERMIT NO. NM0030759

LA-UR-15-26105

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W002

W-SMA-1.5

Sites: 16-026(b2)  
16-028(d)

Photos:



Photo: 48334-12.JPG

W00203010020

Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-15-26105

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W002

W-SMA-1.5

Sites: 16-026(b2)  
16-028(d)



Photo: 48334-13.JPG

W00205020021

Sediment Traps and Basins

- Sediment Basin

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES  
W-SMA-1.5

PF: W002

Sites: 16-026(b2)  
16-028(d)

