



Environmental Programs
 P.O. Box 1663, MS M991
 Los Alamos, New Mexico 87545
 (505) 606-2337/FAX (505) 665-1812



07-25-12 A10:26 RCVD **National Nuclear Security Administration**
 Los Alamos Site Office, MS A316
 Environmental Restoration Program
 Los Alamos, New Mexico 87544
 (505) 667-4255/FAX (505) 606-2132

Date: ~~Jul 25 2012~~

Refer To: EP2012-0178

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

Subject: NPDES Permit No. NM0030759 – Submittal of Certification of Installation of Enhanced Control Measures for Twelve Site Monitoring Areas

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...."

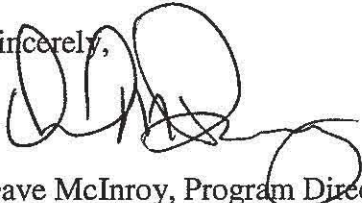
Accordingly, the certification documentation for enhanced control measures completed at 12 Site Monitoring Areas (SMAs) within the last 30 days is enclosed. The documentation is organized into SMA-specific reports (Table 1). Each report includes a signed certification statement, a list of the enhanced control measures installed at the SMA, a photograph of each enhanced control measure, and a site map. A copy of this submittal is available under the "Documents" tab at the following web site: <http://www.lanl.gov/environment/h2o/ip.shtml>.

Table 1
List of SMAs in this Submittal of Certification
of Installation of Enhanced Control Measure

Permitted Feature	SMA Number	Site Number
C002	CDB-SMA-0.25	46-004(c2)
E001	2M-SMA-1	03-010(a)
E002	2M-SMA-1.42	06-001(a)
E004	2M-SMA-1.44	06-001(b)
E007	2M-SMA-1.65	40-005
J003	PJ-SMA-3.05	09-004(o)
J006	PJ-SMA-5.1	22-016
J031	STRM-SMA-5.05	09-013
V004	CDV-SMA-1.45	16-026(i)
V010	CDV-SMA-3	14-009
V012A	CDV-SMA-6.02	14-002(d)
		14-002(e)
W017	W-SMA-9.9	11-006(b)

If you have any questions, please contact Steve Veenis at (505) 667-0013 (veenis@lanl.gov) or David Rhodes at (505) 665-5325 (david.rhodes@nnsa.doe.gov).

Sincerely,



Dave McInroy, Program Director
 Environmental Programs –
 Corrective Actions
 Los Alamos National Laboratory

Sincerely,



David S. Rhodes, Supervisory Federal Project Director
 Environmental Projects Office
 Los Alamos Site Office

DM/DR/SV/JL:sm

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

Cy: (w/enc.)
Public Reading Room, MS M992 (hard copy)
RPF, MS M707 (electronic copy)

Cy: (Letter and CD and/or DVD)
Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
William Alexander, EP-BPS, MS M992

Cy: (w/o enc.)
Diana McDonald, USEPA Region 6 (6EN), Dallas, TX (date-stamped letter emailed)
Brent Larsen, USEPA Region 6 (6WQ), Dallas, TX (date-stamped letter emailed)
Richard Powell, NMED SWQB, Santa Fe, NM (date-stamped letter emailed)
Tom Skibitski, NMED-OB, Santa Fe, NM (date-stamped letter emailed)
Annette Russell, DOE-LASO (date-stamped letter emailed)
Gene Turner, DOE-LASO (date-stamped letter emailed)
David Rhodes, DOE-LASO (date-stamped letter emailed)
Peter Maggiore, DOE-LASO (date-stamped letter emailed)
Michael Brandt, ADESHQ (date-stamped letter emailed)
Tori George, EP-REG (date-stamped letter emailed)
Steve Veenis, EP-CAP (date-stamped letter emailed)
Craig Douglass, EP-CAP (date-stamped letter emailed)
Dave McInroy, EP-CAP (date-stamped letter emailed)
Michael J. Graham, ADEP (date-stamped letter emailed)

**Certification of Installation of
Enhanced Control Measures
at CDB-SMA-0.25**

LA-UR-12-22522

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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.

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. "



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Corrective Actions Program
Los Alamos National Laboratory

7/20/2012
Date



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National Nuclear Security Administration

7-12-2012
Date

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NPDES PERMIT NO. NM0030759

LA-UR-12-22522

LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: C002

CDB-SMA-0.25

Sites: 46-004(c2)

46-004(e2)

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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
C00203010017	Berms	Earthen Berm	23590-1.JPG
C00203010018	Berms	Earthen Berm	23590-2.JPG

NPDES PERMIT NO. NM0030759

LA-UR-12-22522

LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: C002

CDB-SMA-0.25

Sites: 46-004(c2)

46-004(e2)

Photos:



Photo: 23590-1.JPG

C00203010017

Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: C002

CDB-SMA-0.25

Sites: 46-004(c2)
46-004(e2)



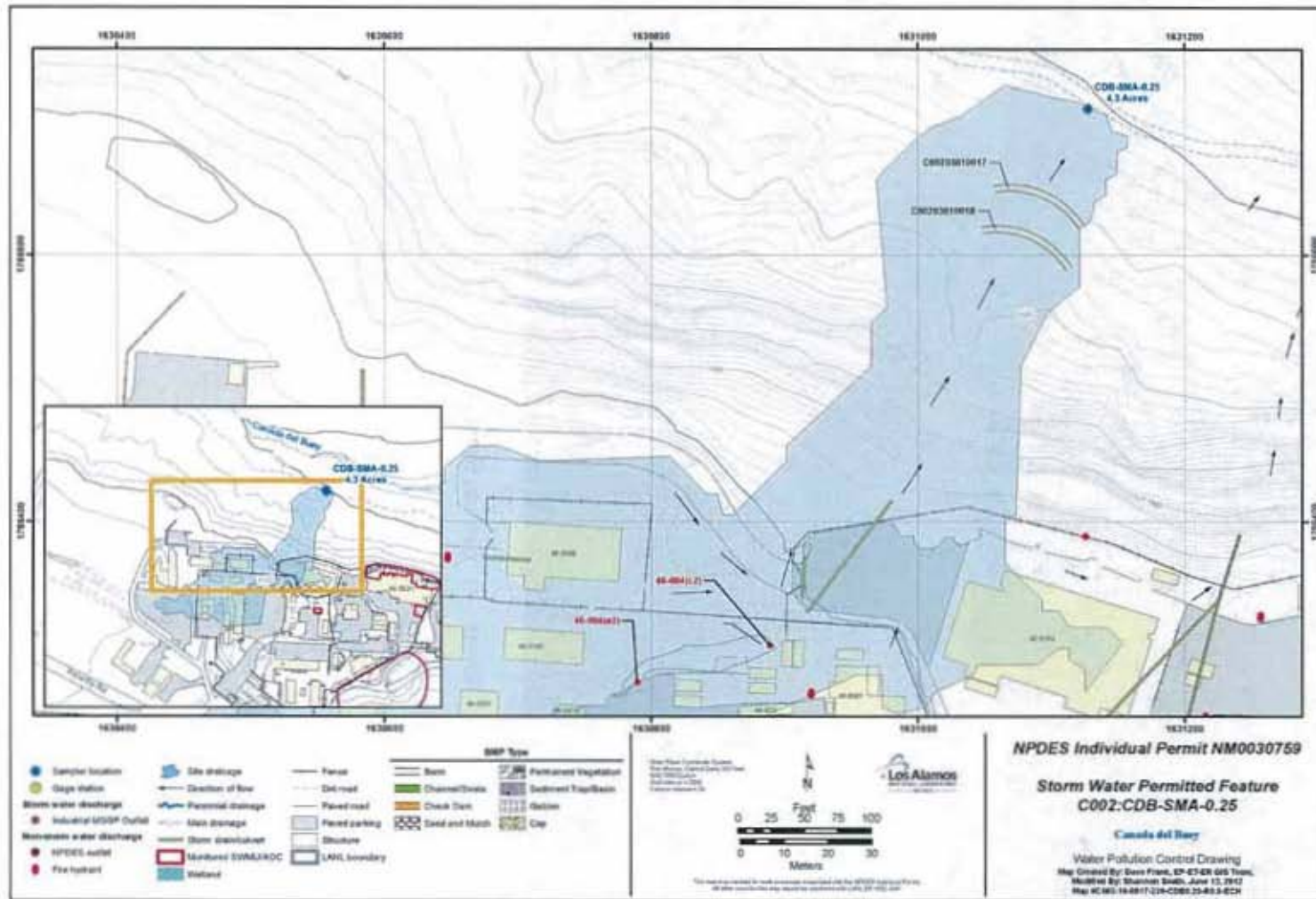
Photo: 23590-2.JPG

C00203010018

Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

Map with Enhanced Control Measures:



Certification of Installation of
Enhanced Control Measures
at 2M-SMA-1

LA-UR-12-22897

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

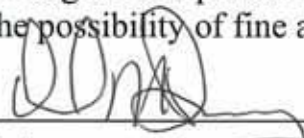
2M-SMA-1

Sites: 03-010(a)

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.

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."



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

PF: E001

2M-SMA-1

Sites: 03-010(a)

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.

Enhanced Control Measure Description:			
BMP ID	Type of Control Measure	Control Measure	Photo ID
E00103010014	Berms	Earthen Berm	24312-3.JPG
E00103110015	Berms	Eco-Block	24312-15.JPG
E00105020013	Sediment Traps and Basins	Sediment Basin	24312-1.JPG
E00106010016	Check Dam	Rock Check Dam	24312-2.JPG
E00106010017	Check Dam	Rock Check Dam	24312-2.JPG
E00106010018	Check Dam	Rock Check Dam	24312-2.JPG
E00106010019	Check Dam	Rock Check Dam	24312-3.JPG
E00106010020	Check Dam	Rock Check Dam	24312-3.JPG
E00106010021	Check Dam	Rock Check Dam	24312-4.JPG
E00106010022	Check Dam	Rock Check Dam	24312-5.JPG
E00106010023	Check Dam	Rock Check Dam	24312-8.JPG
E00106010024	Check Dam	Rock Check Dam	24312-9.JPG
E00106010025	Check Dam	Rock Check Dam	24312-11.JPG

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)

Photos:



Photo: 24312-1.JPG

E00105020013

Sediment Traps and Basins

- Sediment Basin

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)



Photo: 24312-11.JPG

E00106010025

Check Dam

- Rock Check Dam

NPDES PERMIT NO. NM0030759

LA-UR-12-22897

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)



Photo: 24312-15.JPG

E00103110015

Berms

- Eco-Block

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)



Photo: 24312-2.JPG

E00106010016	Check Dam	- Rock Check Dam
E00106010017	Check Dam	- Rock Check Dam
E00106010018	Check Dam	- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)



Photo: 24312-3.JPG

E00103010014	Berms	- Earthen Berm
E00106010019	Check Dam	- Rock Check Dam
E00106010020	Check Dam	- Rock Check Dam

NPDES PERMIT NO. NM0030759

LA-UR-12-22897

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)



Photo: 24312-4.JPG

E00106010021

Check Dam

- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)



Photo: 24312-5.JPG

E00106010022

Check Dam

- Rock Check Dam

NPDES PERMIT NO. NM0030759

LA-UR-12-22897

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)



Photo: 24312-8.JPG

E00106010023

Check Dam

- Rock Check Dam

NPDES PERMIT NO. NM0030759

LA-UR-12-22897

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E001

2M-SMA-1

Sites: 03-010(a)



Photo: 24312-9.JPG

E00106010024

Check Dam

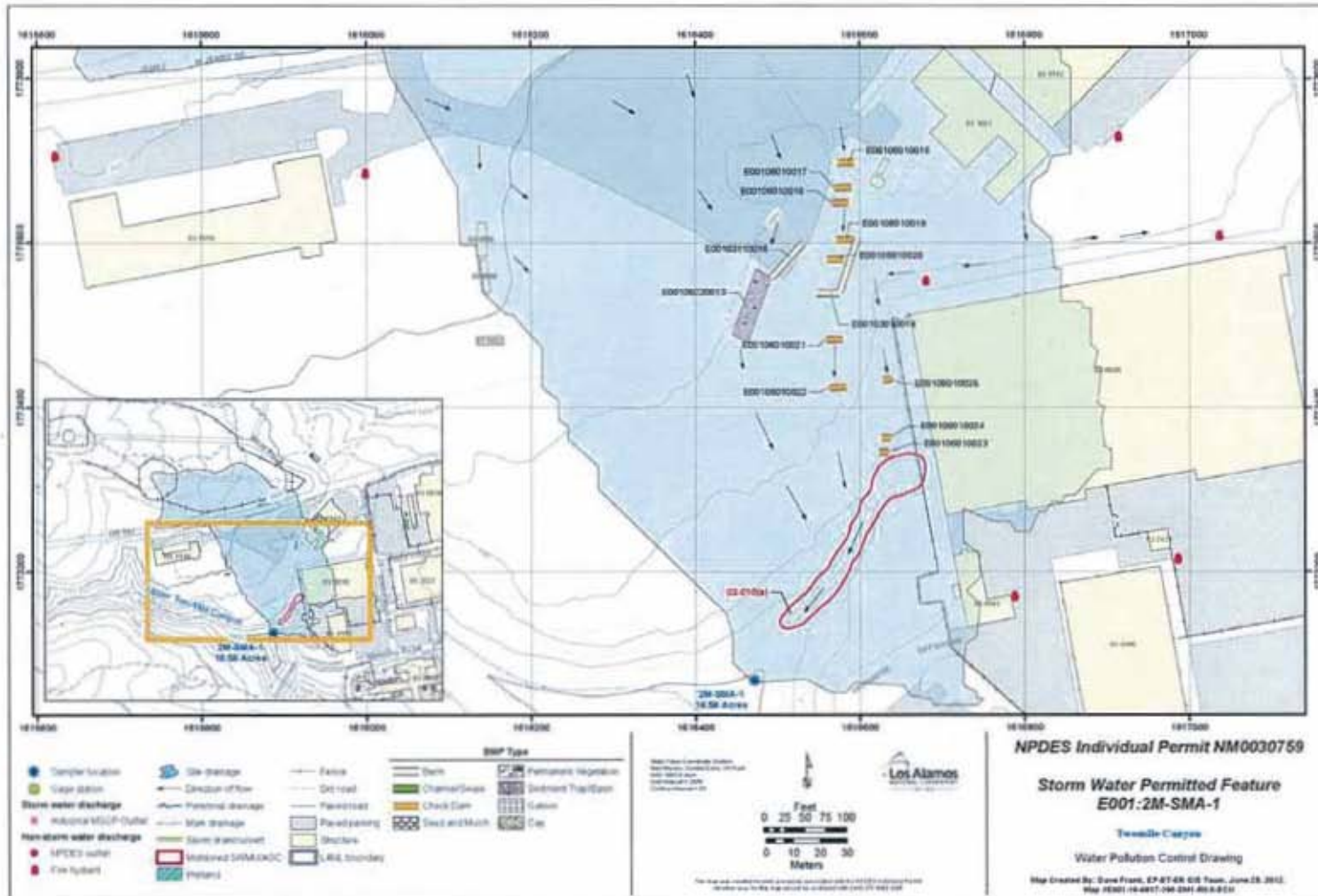
- Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

PF: E001

2M-SMA-1

Sites: 03-010(a)



**Certification of Installation of
Enhanced Control Measures
at 2M-SMA-1.42**

LA-UR-12-22517

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: E002

2M-SMA-1.42

Sites: 06-001(a)

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.

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
Corrective Actions Program
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6/27/2012

Date



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National Nuclear Security Administration

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: E002

2M-SMA-1.42

Sites: 06-001(a)

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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
E00201010013	Seed and Mulch	Seed and Wood Mulch	23499-3.JPG
E00203010011	Berms	Earthen Berm	23499-1.JPG
E00203010012	Berms	Earthen Berm	23499-3.JPG
E00203010014	Berms	Earthen Berm	23499-3.JPG

Photos:



Photo: 23499-3.JPG

E00201010013 Seed and Mulch - Seed and Wood Mulch

E00203010012 Berms - Earthen Berm

E00203010014 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

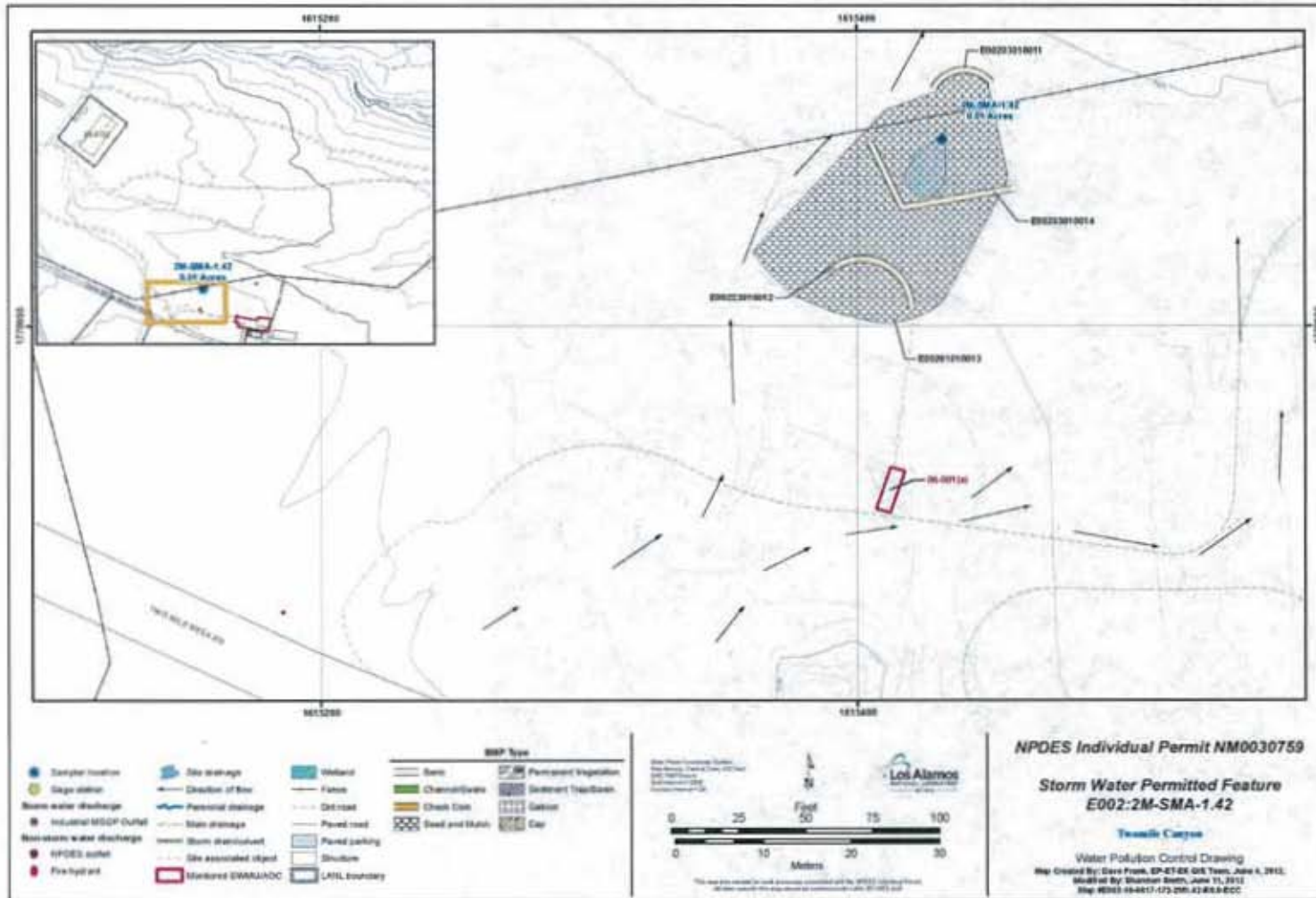


Photo: 23499-1.JPG

E00203010011 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

Map with Enhanced Control Measures:



**Certification of Installation of
Enhanced Control Measures
at 2M-SMA-1.44**

LA-UR-12-22519

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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.

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
Corrective Actions Program
Los Alamos National Laboratory

6/27/2012

Date



Los Alamos Site Office
National Nuclear Security Administration

6-27-2012

Date

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LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: E004

2M-SMA-1.44

Sites: 06-001(b)

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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
E00401010007	Seed and Mulch	Seed and Wood Mulch	23500-1.JPG
E00403010006	Berms	Earthen Berm	23500-1.JPG

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: E004

2M-SMA-1.44

Sites: 06-001(b)

Photos:

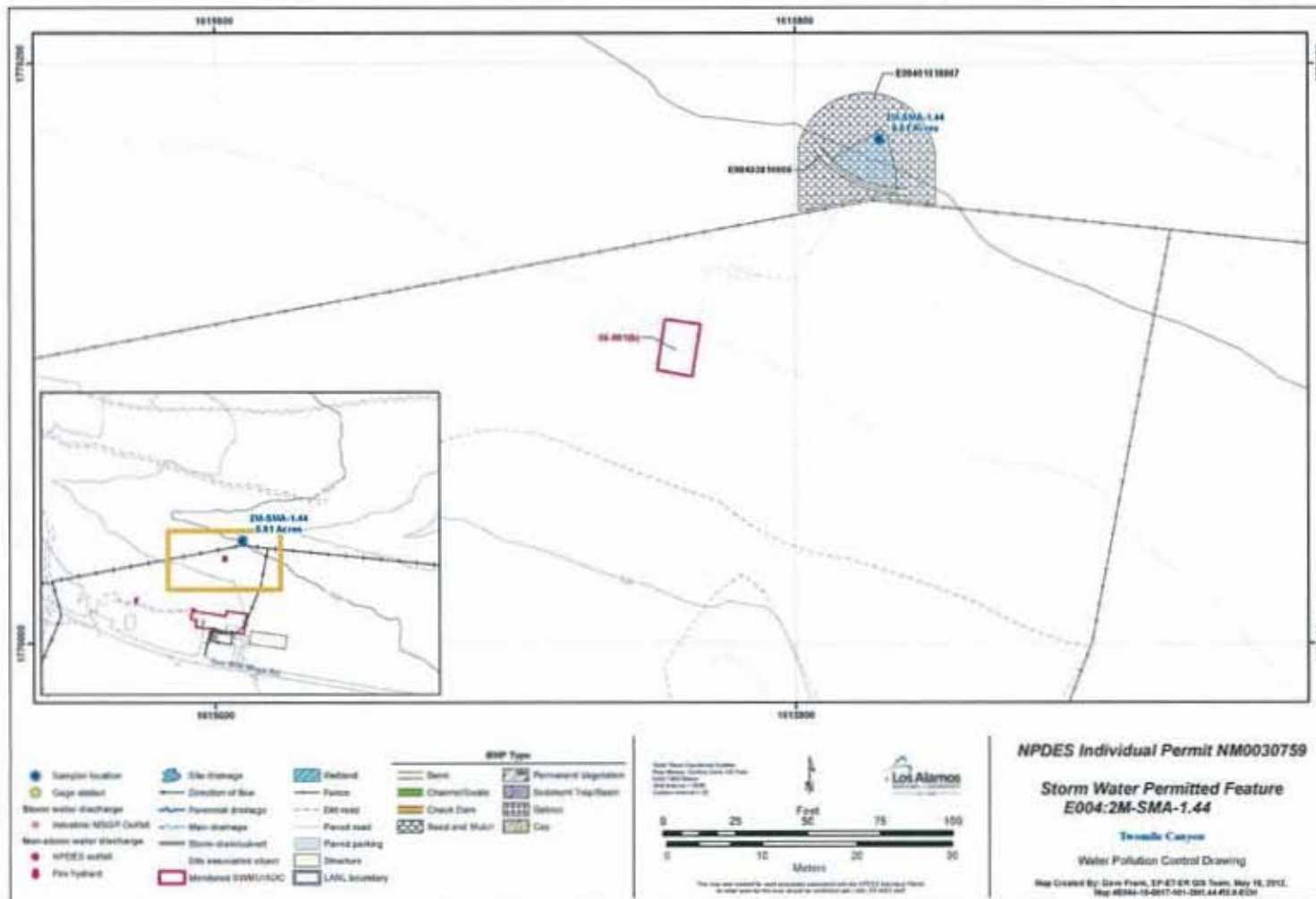


Photo: 23500-1.JPG

E00401010007	Seed and Mulch	-	Seed and Wood Mulch
E00403010006	Berms	-	Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

Map with Enhanced Control Measures:



**Certification of Installation of
Enhanced Control Measures
at 2M-SMA-1.65**

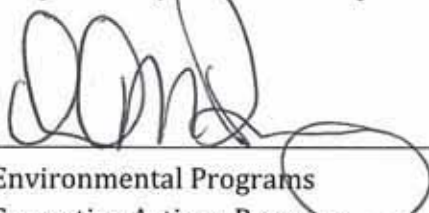
LA-UR-12-22520

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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.

CERTIFICATION STATEMENT OF AUTHORIZATION

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Environmental Programs
Corrective Actions Program
Los Alamos National Laboratory

7/20/2012
Date


Los Alamos Site Office
National Nuclear Security Administration

6-29-2012
Date

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: E007

2M-SMA-1.65

Sites: 39-002(c), 39-008

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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
E00703010010	Berms	Earthen Berm	23591-1.JPG
E00706010006	Check Dam	Rock Check Dam	23591-3.JPG
E00706010007	Check Dam	Rock Check Dam	23591-3.JPG
E00706010008	Check Dam	Rock Check Dam	23591-4.JPG
E00706010009	Check Dam	Rock Check Dam	23591-4.JPG

Photos:



Photo: 23591-1.JPG
E00703010010 Berms - Earthen Berm



Photo: 23591-3.JPG

E00706010006 Check Dam - Rock Check Dam

E00706010007 Check Dam - Rock Check Dam



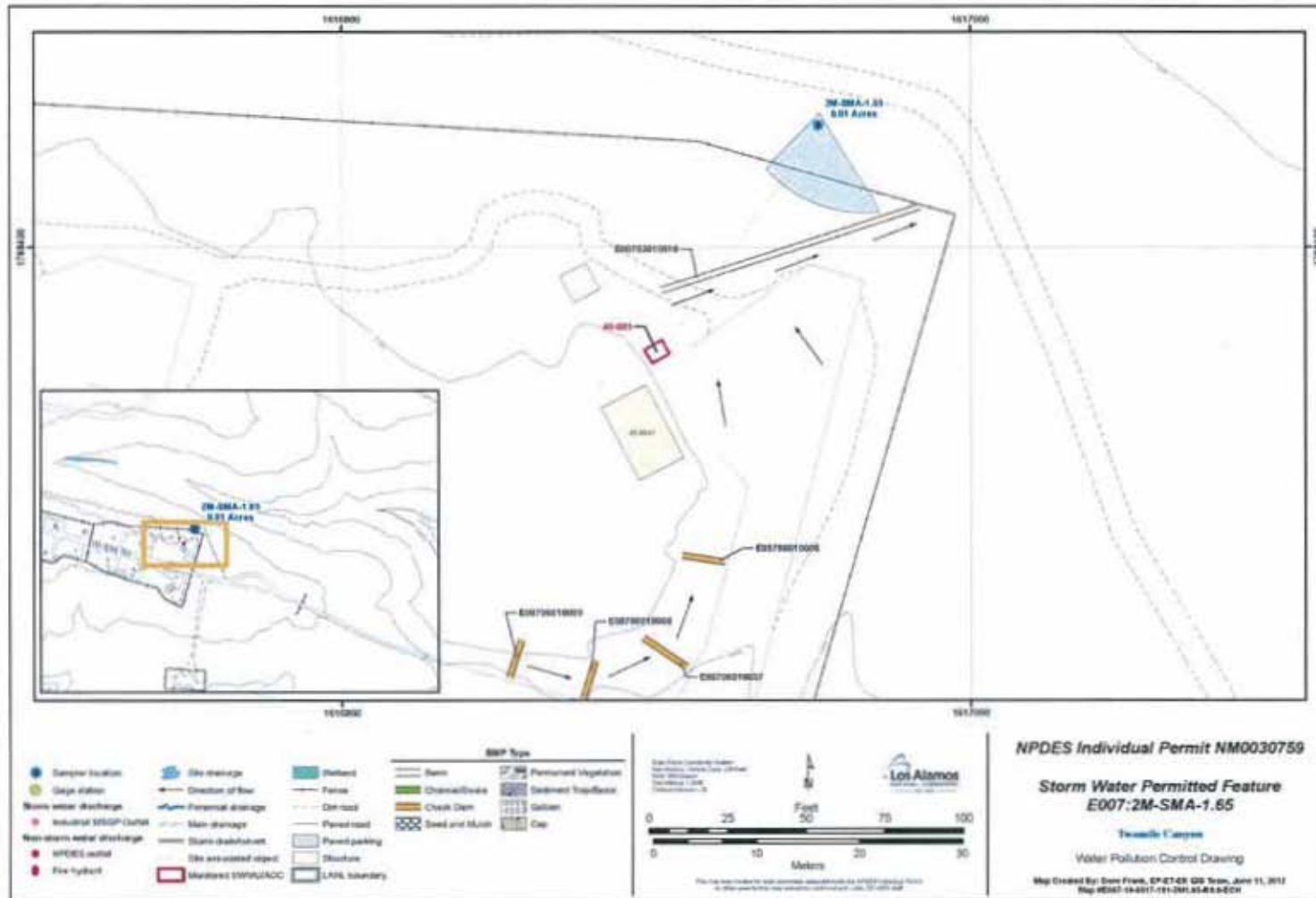
Photo: 23591-4.JPG

E00706010008 Check Dam - Rock Check Dam

E00706010009 Check Dam - Rock Check Dam

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

Map with Enhanced Control Measures:



**Certification of Installation of
Enhanced Control Measures
at PJ-SMA-3.05**

LA-UR-12-22529

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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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Environmental Programs
Corrective Actions Program
Los Alamos National Laboratory

7/18/2012
Date



Los Alamos Site Office
National Nuclear Security Administration

7-2-2012
Date

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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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
J00303010010	Berms	Earthen Berm	24077-1.JPG
J00303010011	Berms	Earthen Berm	24077-2.JPG

Photos:



Photo: 24077-1.JPG

J00303010010 Berms - Earthen Berm

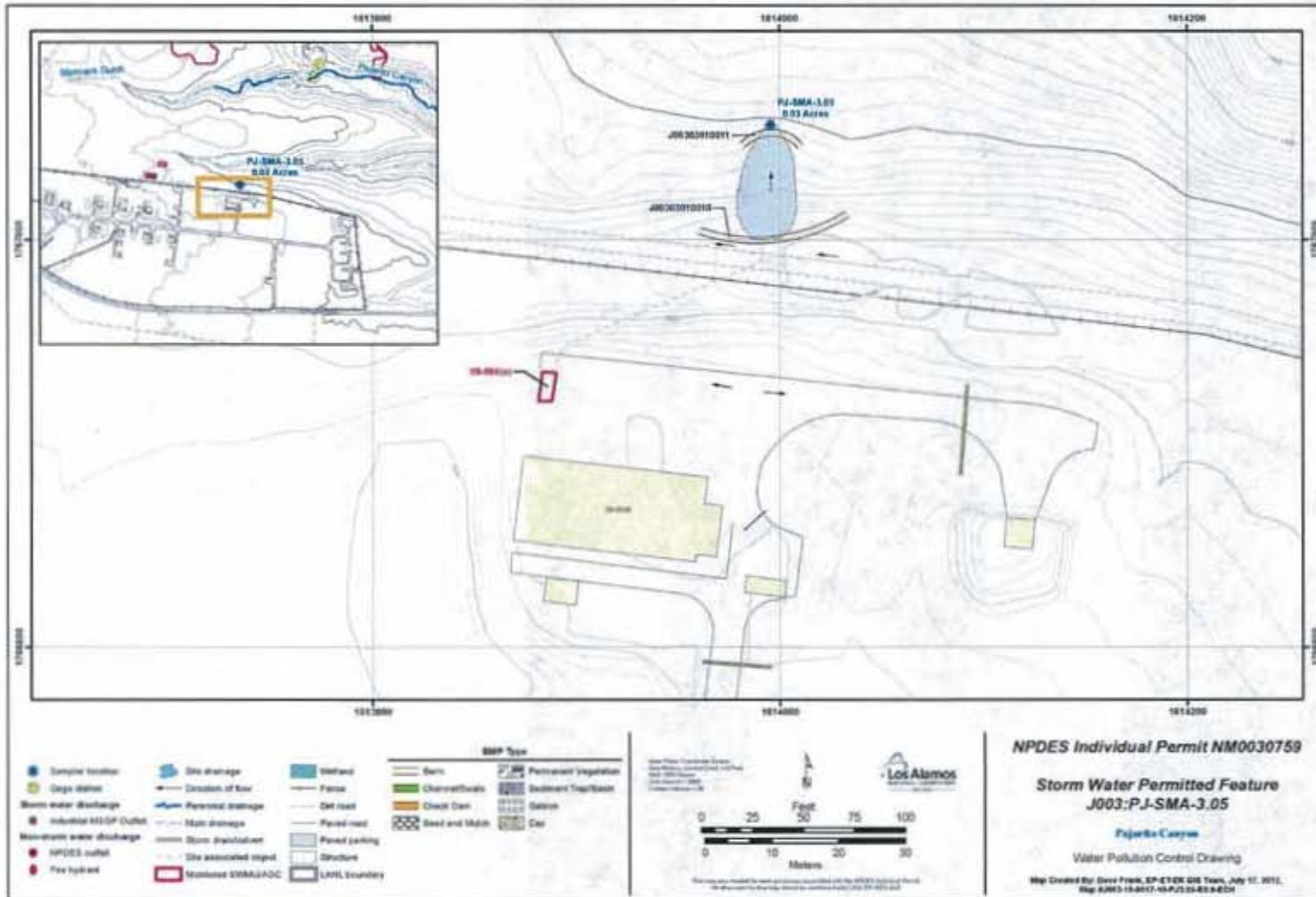


Photo: 24077-2.JPG

J00303010011 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

Map with Enhanced Control Measures:



**Certification of Installation of
Enhanced Control Measures
at PJ-SMA-5.1**

LA-UR-12-22896

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J006

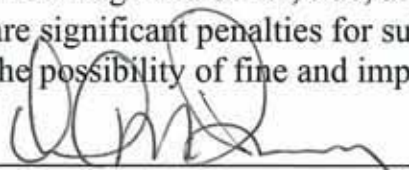
PJ-SMA-5.1

Sites: 22-016

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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Environmental Programs
Corrective Actions Program
Los Alamos National Laboratory

7/18/2012

Date



Los Alamos Site Office
National Nuclear Security Administration

7-12-2012

Date

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LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J006

PJ-SMA-5.1

Sites: 22-016

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.

Enhanced Control Measure Description:			
BMP ID	Type of Control Measure	Control Measure	Photo ID
J00603010009	Berms	Earthen Berm	24186-1.jpg

Photos:

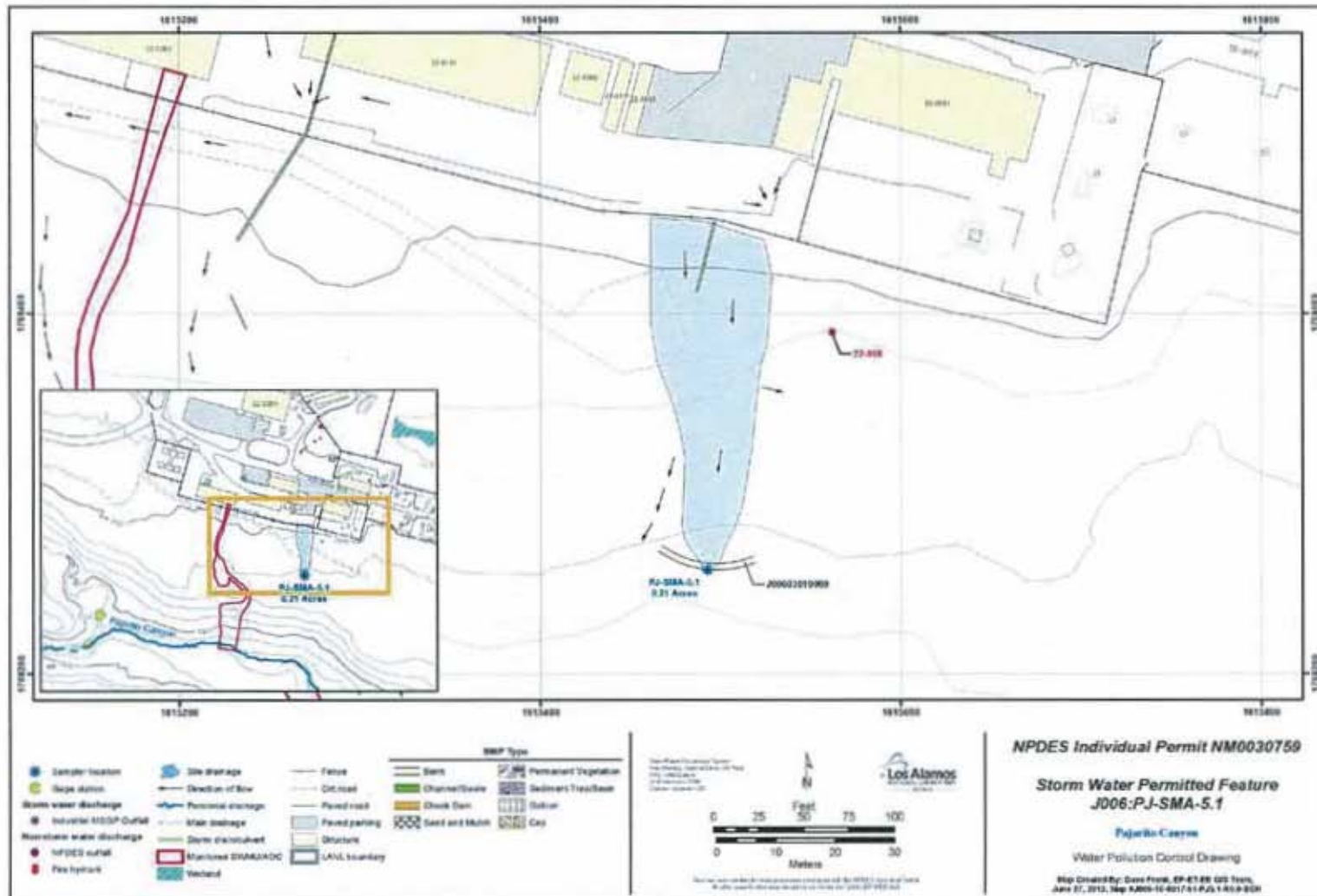


Photo: 24186-1.jpg

J00603010009 Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT



**Certification of Installation of
Enhanced Control Measures
at STRM-SMA-5.05**

LA-UR-12-22533

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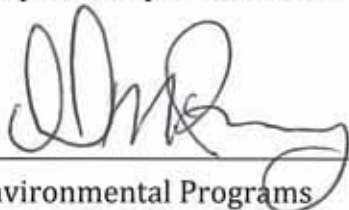
LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION
PF: J031 STRM-SMA-5.05

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.

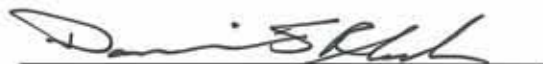
CERTIFICATION STATEMENT OF AUTHORIZATION

"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
Corrective Actions Program
Los Alamos National Laboratory

6/27/2012
Date



Los Alamos Site Office
National Nuclear Security Administration

6-27-2012
Date

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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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
J03101040011	Seed and Mulch	Seeding	23504-2.jpg
J03103010009	Berms	Earthen Berm	23504-1.JPG
J03103010010	Berms	Earthen Berm	23504-2.jpg

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

Photos:



Photo: 23504-1.JPG

J03103010009 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

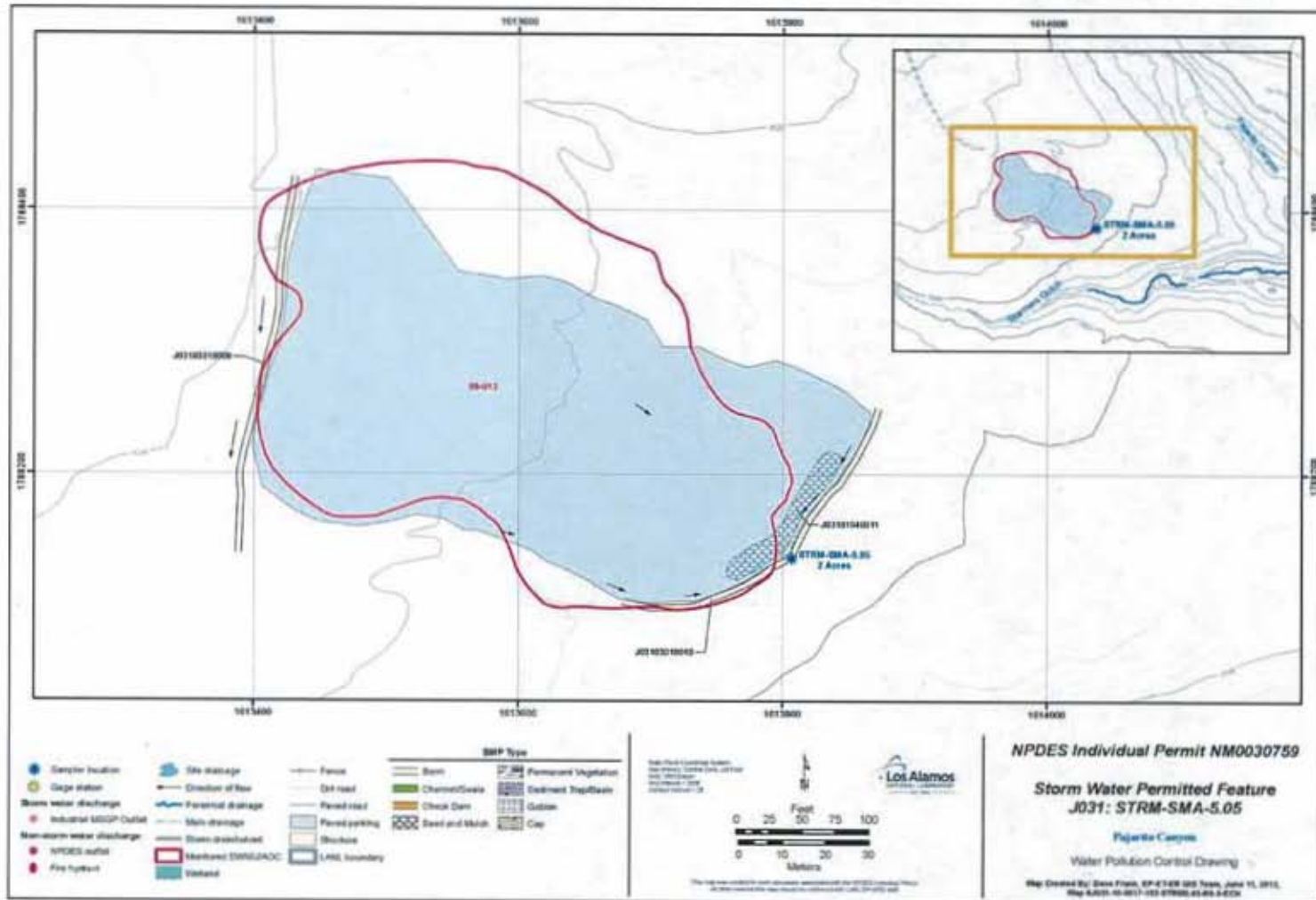


Photo: 23504-2.jpg

J03103010010 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

Map with Enhanced Control Measures:



**Certification of Installation of
Enhanced Control Measures
at CDV-SMA-1.45**

LA-UR-12-22523

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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.

CERTIFICATION STATEMENT OF AUTHORIZATION

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7/18/2012

Date



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National Nuclear Security Administration

7-2-2012

Date

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LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: V004

CDV-SMA-1.45

Sites: 16-026(i)

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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
V00403010004	Berms	Earthen Berm	23980-1.JPG

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: V004

CDV-SMA-1.45

Sites: 16-026(i)

Photos:



Photo: 23980-1.JPG

V00403010004 Berms - Earthen Berm

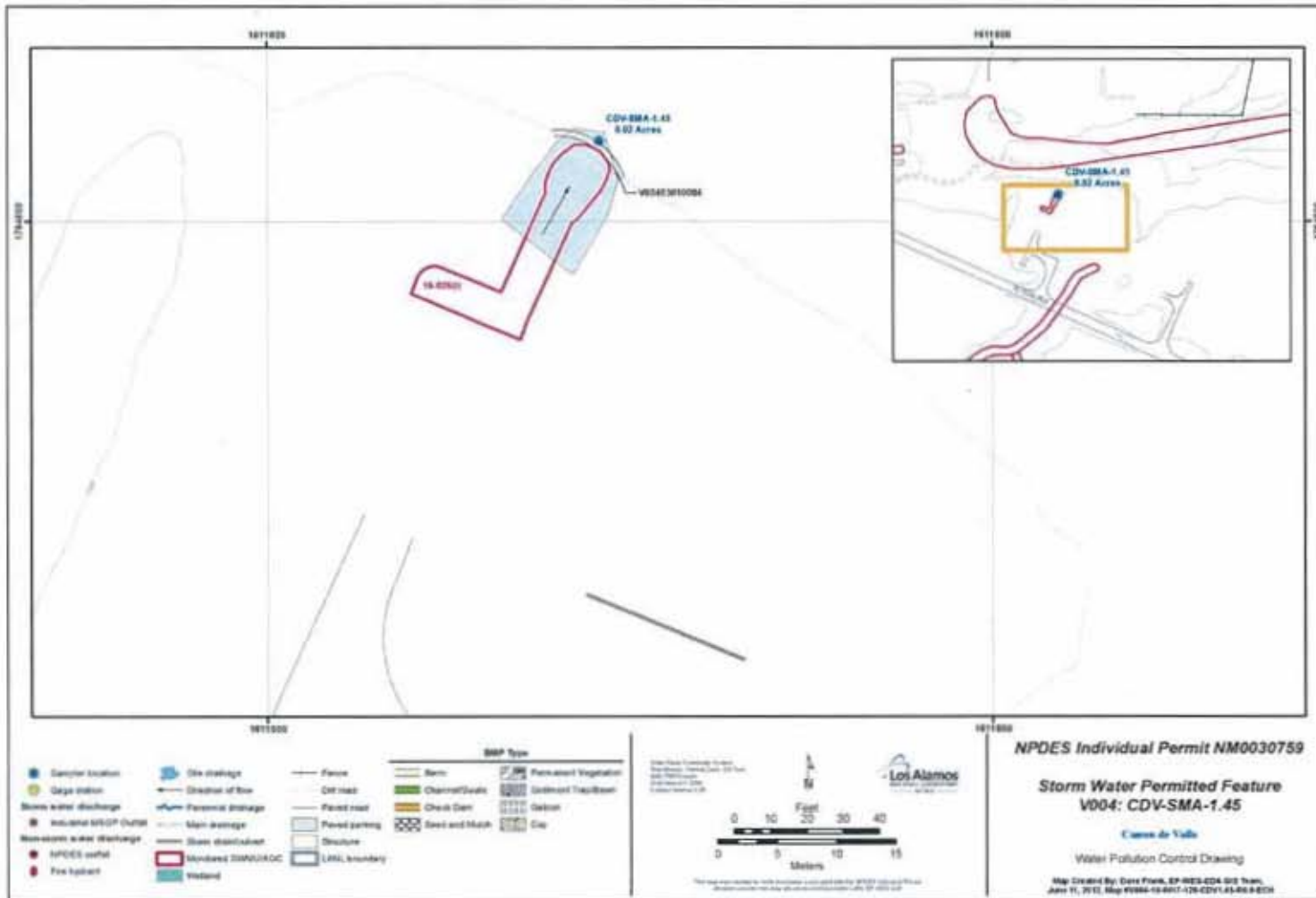
LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

PF: V004

CDV-SMA-1.45

Sites: 16-026(i)

Map with Enhanced Control Measures:



**Certification of Installation of
Enhanced Control Measures
at CDV-SMA-3**

LA-UR-12-22524

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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.

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
Corrective Actions Program
Los Alamos National Laboratory

7/18/2012

Date



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National Nuclear Security Administration

6-29-2012

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION
PF: V010 CDV-SMA-3

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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
V01001010012	Seed and Mulch	Seed and Wood Mulch	23501-2.JPG
V01003010010	Berms	Earthen Berm	23501-2.JPG
V01003010011	Berms	Earthen Berm	23501-2.JPG

Photos:



Photo: 23501-2.JPG

- | | | | |
|--------------|----------------|---|---------------------|
| V01001010012 | Seed and Mulch | - | Seed and Wood Mulch |
| V01003010010 | Berms | - | Earthen Berm |
| V01003010011 | Berms | - | Earthen Berm |

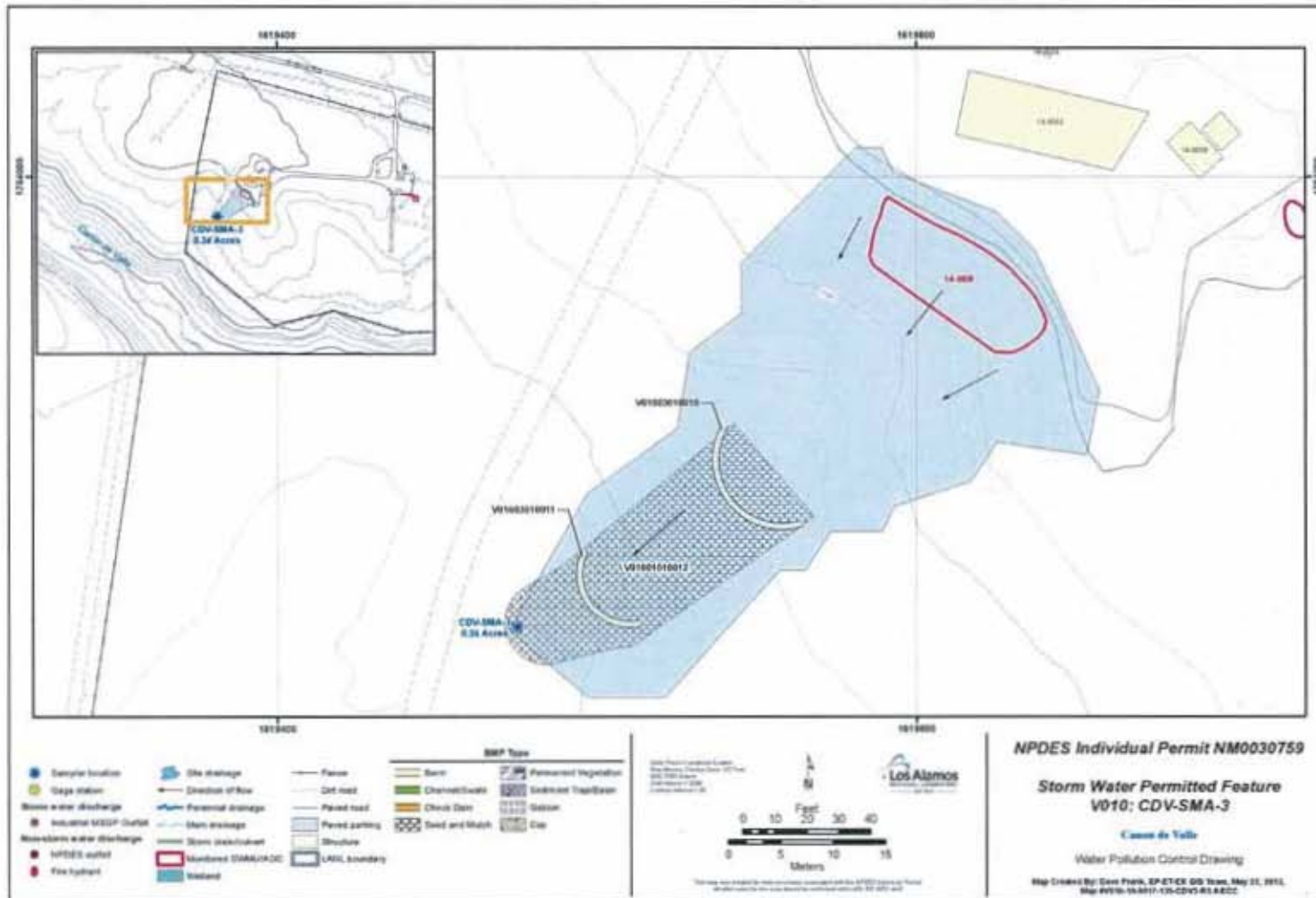
LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

PF: V010

CDV-SMA-3

Sites: 14-009

Map with Enhanced Control Measures:



**Certification of Installation of
Enhanced Control Measures
at CDV-SMA-6.02**

LA-UR-12-22525

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LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: V012A

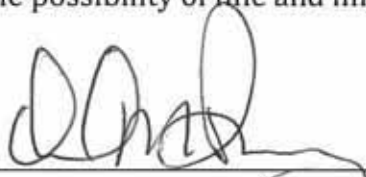
CDV-SMA-6.02

Sites: 14-002(d), 14-002(e)

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.

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."



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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION
PF: V012A CDV-SMA-6.02 Sites: 14-002(d), 14-002(e)

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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
V012A01010005	Seed and Mulch	Seed and Wood Mulch	23502-1.JPG
V012A03010004	Berms	Earthen Berm	23502-2.JPG
V012A03010006	Berms	Earthen Berm	23502-1.JPG

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION
PF: V012A CDV-SMA-6.02 Sites: 14-002(d), 14-002(e)

Photos:



Photo: 23502-1.JPG

V012A01010005	Seed and Mulch	-	Seed and Wood Mulch
V012A03010006	Berms	-	Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: V012A

CDV-SMA-6.02

Sites: 14-002(d), 14-002(e)

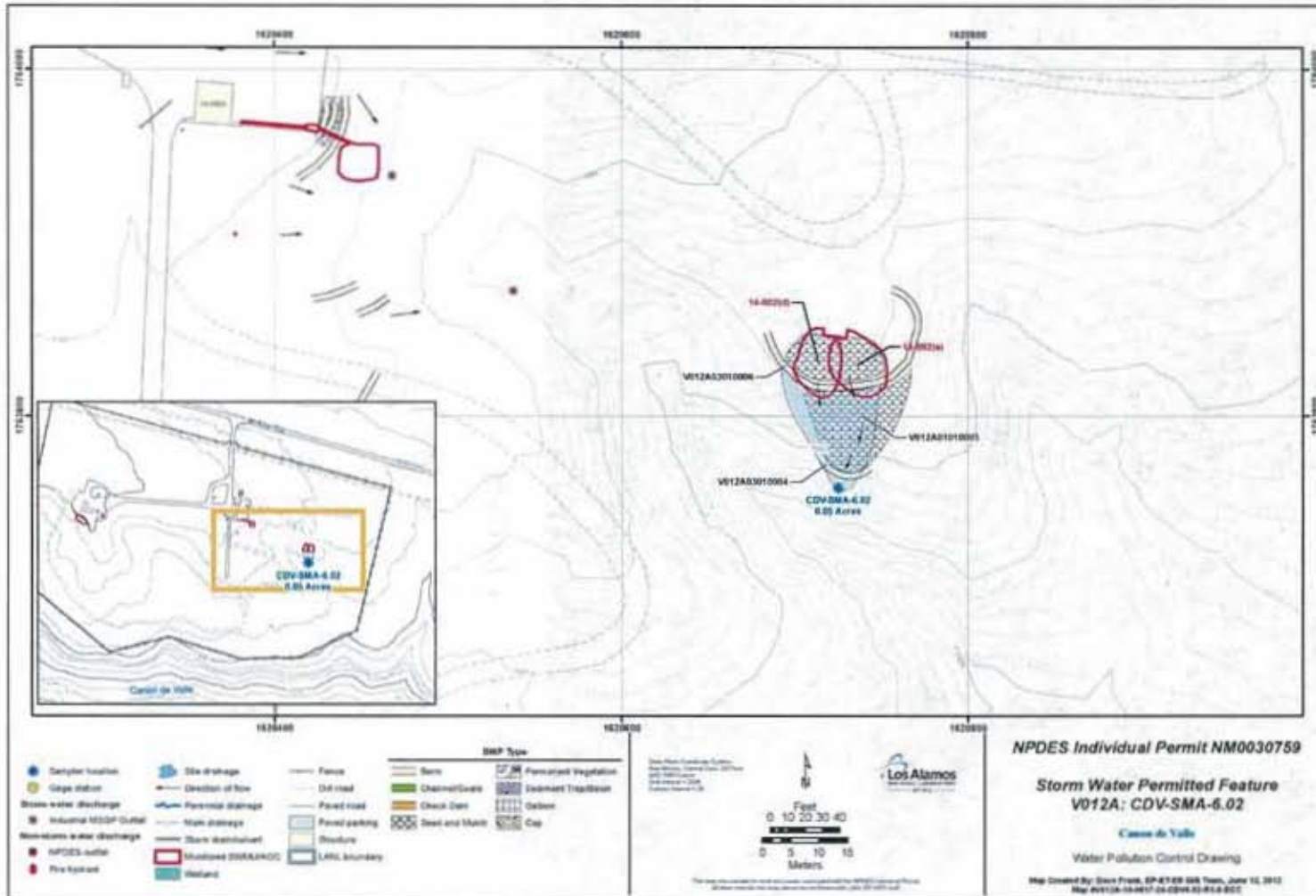


Photo: 23502-2.JPG

V012A03010004 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

Map with Enhanced Control Measures:



**Certification of Installation of
Enhanced Control Measures
at W-SMA-9.9**

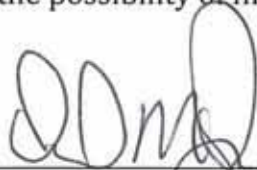
LA-UR-12-22532

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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.

CERTIFICATION STATEMENT OF AUTHORIZATION

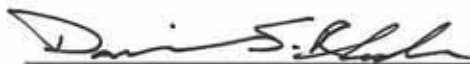
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

6/27/2012

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National Nuclear Security Administration

6-27-2012

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LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: W017

W-SMA-9.9

Sites: 11-006(b)

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.

Enhanced Control Measure Description:

BMP ID	Type of Control Measure	Control Measure	Photo ID
W01701060021	Seed and Mulch	Erosion Control Blanket	23505-2.JPG
W01703010017	Berms	Earthen Berm	23505-2.JPG
W01703010018	Berms	Earthen Berm	23505-3.JPG
W01703010019	Berms	Earthen Berm	23505-4.JPG
W01703010020	Berms	Earthen Berm	23505-4.JPG

Photos:



Photo: 23505-2.JPG

W01701060021 Seed and Mulch - Erosion Control Blanket

W01703010017 Berms - Earthen Berm



Photo: 23505-3.JPG

W01703010018 Berms - Earthen Berm



Photo: 23505-4.JPG

W01703010019 Berms - Earthen Berm

W01703010020 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

Map with Enhanced Control Measures:

