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

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**LA-UR-12-22530**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(a)

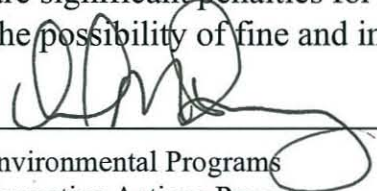
The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1 (c), which requires the Permittees (i.e. DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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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  
Corrective Actions Program  
Los Alamos National Laboratory

Aug 3, 2012  
Date

  
Los Alamos Site Office  
National Nuclear Security Administration

8-3-2012  
Date

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

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.

<b>Enhanced Control Measure Description:</b>			
<b>BMP ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>	<b>Photo ID</b>
I00203010023	Berms	Earthen Berm	23587-3.jpg
I00203010024	Berms	Earthen Berm	23587-2.JPG
I00203010025	Berms	Earthen Berm	23587-3.JPG
I00203010026	Berms	Earthen Berm	23587-9.JPG
I00203010027	Berms	Earthen Berm	23587-4.JPG
I00203010028	Berms	Earthen Berm	23587-5.JPG
I00203010029	Berms	Earthen Berm	23587-7.JPG
I00203010030	Berms	Earthen Berm	23587-7.JPG
I00203060033	Berms	Straw Wattles	23587-10.JPG
I00206010031	Check Dam	Rock Check Dam	23587-8.JPG
I00206010032	Check Dam	Rock Check Dam	23587-8.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.

Photos:



Photo: 23587-10.JPG  
100203060033 Berms

- Straw Wattles

NPDES PERMIT NO. NM0030759

LA-UR-12-22530

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.



Photo: 23587-2.JPG

100203010024 Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.



Photo: 23587-3.JPG

I00203010025 Berms

- Earthen Berm



LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.



Photo: 23587-3.jpg  
100203010023 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-22530

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.



Photo: 23587-4.JPG

I00203010027 Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.



Photo: 23587-5.JPG

100203010028 Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.



Photo: 23587-7.JPG

I00203010029 Berms  
I00203010030 Berms

- Earthen Berm  
- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
15-008(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.



Photo: 23587-8.JPG

- |              |           |                  |
|--------------|-----------|------------------|
| 100206010031 | Check Dam | - Rock Check Dam |
| 100206010032 | Check Dam | - Rock Check Dam |

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

**PF: I002**

**PT-SMA-1**

**Sites: 15-004(f)  
15-008(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.



**Photo:** 23587-9.JPG

I00203010026

Berms

- Earthen Berm

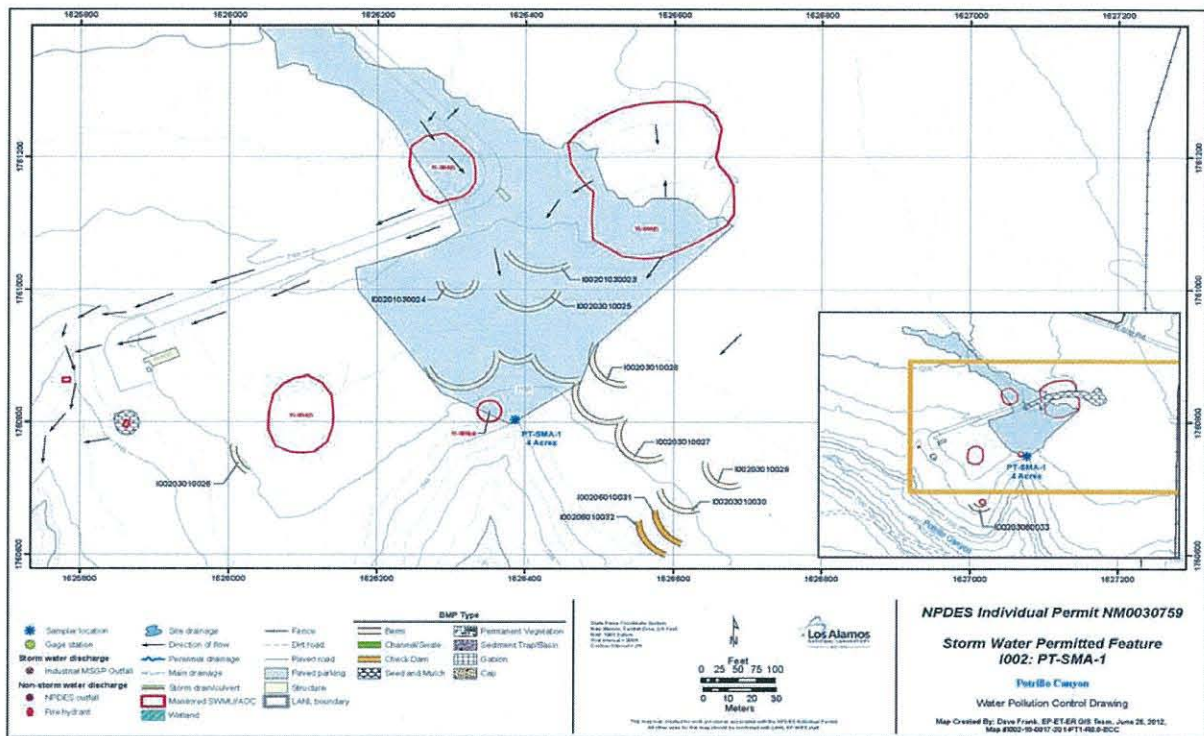
LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I002

PT-SMA-1

Sites: 15-004(f)  
 15-008(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.



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**Certification of Installation of  
Enhanced Control Measures  
at LA-SMA-5.31**

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**LA-UR-12-23232**



through the use of the  
United States Government  
and the State of

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1990-1991

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: L015

LA-SMA-5.31

Sites: 41-002(c)

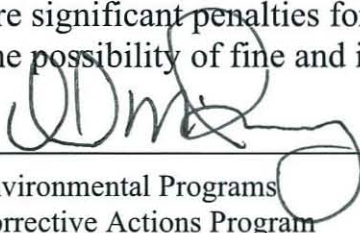
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CERTIFICATION STATEMENT OF AUTHORIZATION

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\_\_\_\_\_  
Environmental Programs  
Corrective Actions Program  
Los Alamos National Laboratory

7-27-2012  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Los Alamos Site Office  
National Nuclear Security Administration

7-27-2012  
\_\_\_\_\_  
Date

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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: L015

LA-SMA-5.31

Sites: 41-002(c)

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
L01503120010	Berms	Rock Berm	24791-1.JPG
L01503120011	Berms	Rock Berm	24791-2.JPG

Photos:



Photo: 24791-1.JPG

L01503120010

Berms

- Rock Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: L015

LA-SMA-5.31

Sites: 41-002(c)



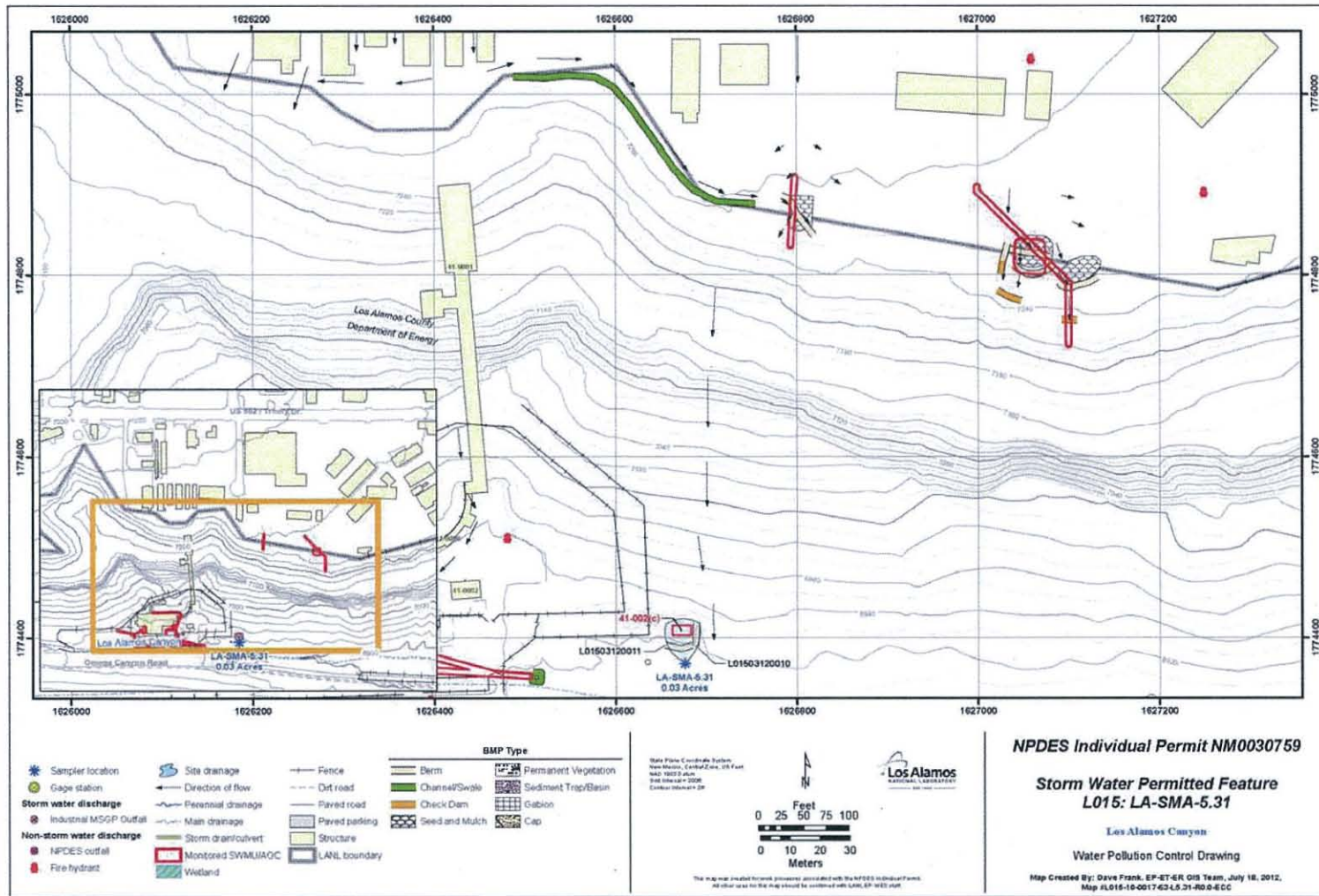
Photo: 24791-2.JPG

L01503120011

Berms

- Rock Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT



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**Certification of Installation of  
Enhanced Control Measures  
at LA-SMA-5.33**

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**LA-UR-12-22528**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: L016

LA-SMA-5.33

Sites: 32-004

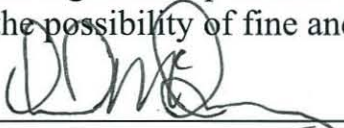
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CERTIFICATION STATEMENT OF AUTHORIZATION

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\_\_\_\_\_  
Environmental Programs  
Corrective Actions Program  
Los Alamos National Laboratory

7/30/2012  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Los Alamos Site Office  
National Nuclear Security Administration

7-27-2012  
\_\_\_\_\_  
Date

The following information was received from the licensee on the date indicated below. This information was obtained from the licensee's records and is provided for your information. The information is not intended to be a substitute for a site visit or other direct observation of the licensee's operations.

STATE OF CALIFORNIA  
DEPARTMENT OF SOCIAL SERVICES  
COMMUNITY CARE LICENSING DIVISION

On 01/15/2014, the licensee was inspected by the following person(s):  
Name: [Name]  
Title: [Title]  
The licensee was inspected at the following address:  
Address: [Address]

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Inspector: [Signature]  
Date: [Date]  
Licensee: [Signature]  
Date: [Date]

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

PF: L016

LA-SMA-5.33

Sites: 32-004

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>
L01601030010	Seed and Mulch	Hydromulch	23204-1.JPG
L01601040013	Seed and Mulch	Seeding	23204-1.JPG
L01603010009	Berms	Earthen Berm	23204-1.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: L016

LA-SMA-5.33

Sites: 32-004

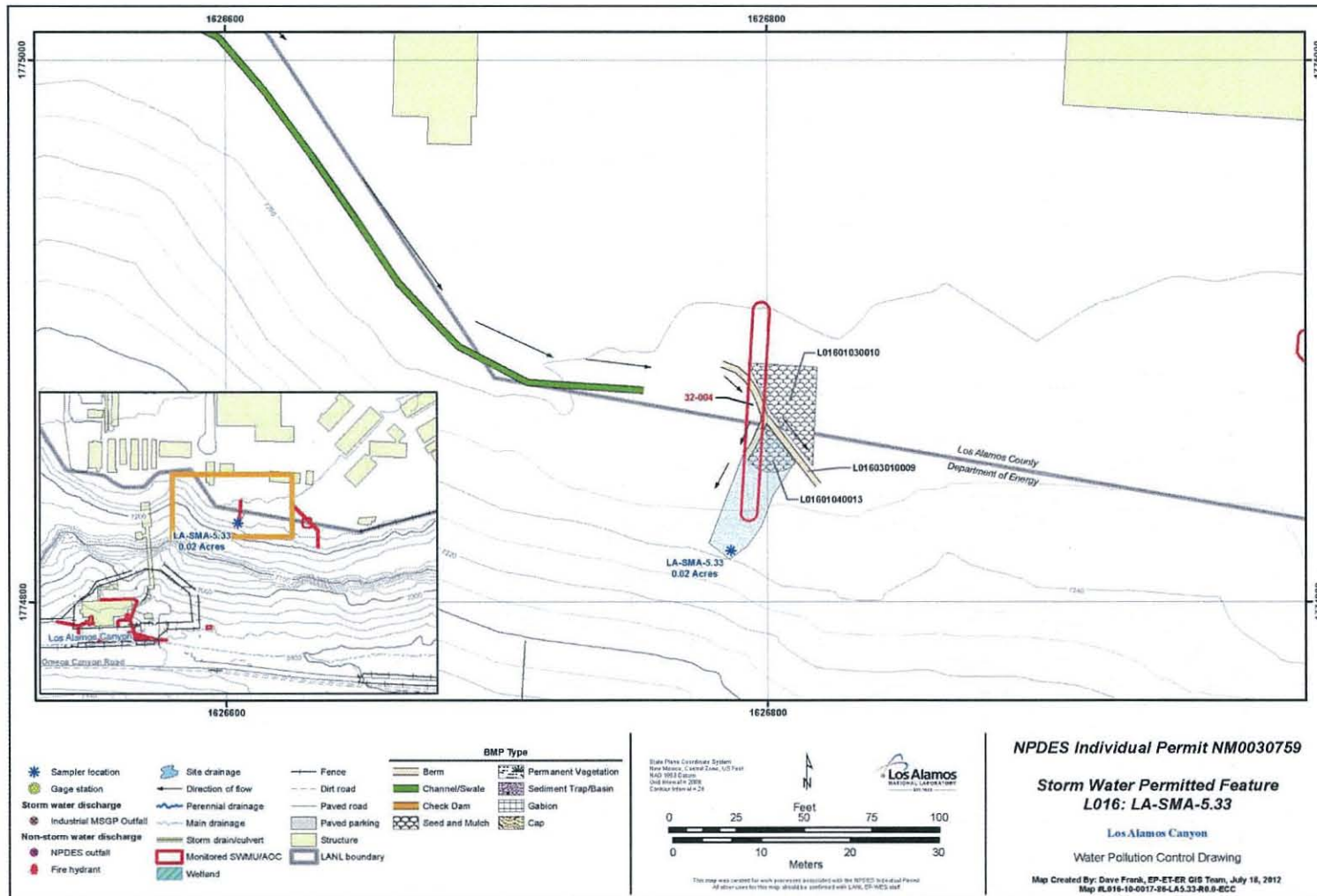
Photos:



Photo: 23204-1.JPG

L01601030010	Seed and Mulch	- Hydromulch
L01601040013	Seed and Mulch	- Seeding
L01603010009	Berms	- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT



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**Certification of Installation of  
Enhanced Control Measures  
at 2M-SMA-1.7**

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**LA-UR-12-23185**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E009

2M-SMA-1.7

Sites: 03-055(a)

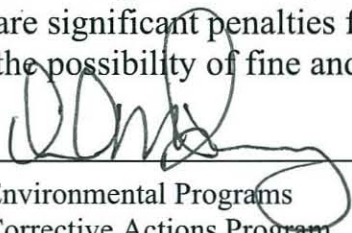
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CERTIFICATION STATEMENT OF AUTHORIZATION

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\_\_\_\_\_  
Environmental Programs  
Corrective Actions Program  
Los Alamos National Laboratory

7-27-2012  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Los Alamos Site Office  
National Nuclear Security Administration

7-27-2012  
\_\_\_\_\_  
Date



STATE OF CALIFORNIA  
DEPARTMENT OF JUSTICE

Case No. 03-00000

Page No. 1

Date: 03/15/00

The following information was received from the State of California Department of Justice on 03/15/00. It is being provided to you for your information. The information is being provided to you for your information. The information is being provided to you for your information.

STATE OF CALIFORNIA  
DEPARTMENT OF JUSTICE

The following information was received from the State of California Department of Justice on 03/15/00. It is being provided to you for your information. The information is being provided to you for your information. The information is being provided to you for your information.

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03-15-00

*[Handwritten signature]*  
Attorney General  
State of California

03-15-00

*[Handwritten signature]*  
Attorney General  
State of California

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E009

2M-SMA-1.7

Sites: 03-055(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
E00903010008	Berms	Earthen Berm	25018-1.JPG

Photos:



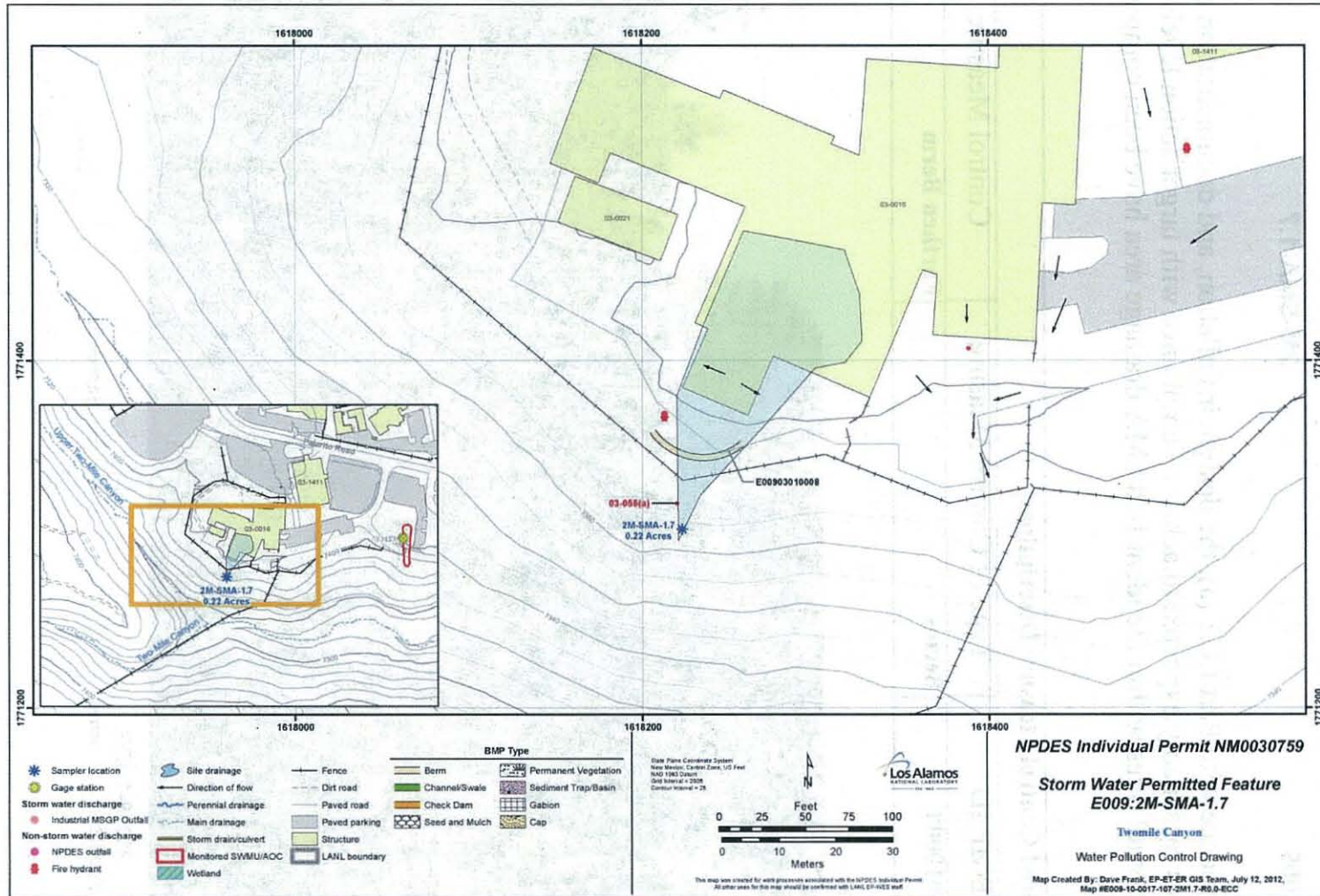
Photo: 25018-1.JPG

E00903010008

Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT



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**Certification of Installation of  
Enhanced Control Measures  
at STRM-SMA-4.2**

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**LA-UR-12-24021**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: J030

STRM-SMA-4.2

Sites: 09-008(b)

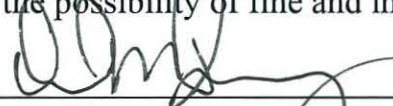
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CERTIFICATION STATEMENT OF AUTHORIZATION

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\_\_\_\_\_  
Environmental Programs  
Corrective Actions Program  
Los Alamos National Laboratory

\_\_\_\_\_  
Date Aug. 17, 2012

  
\_\_\_\_\_  
Los Alamos Site Office  
National Nuclear Security Administration

\_\_\_\_\_  
Date 8-21-2012

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

PF: J030

STRM-SMA-4.2

Sites: 09-008(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.

<b>Enhanced Control Measure Description:</b>			
<b>BMP ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>	<b>Photo ID</b>
J03001010005	Seed and Mulch	Seed and Wood Mulch	26017-1.JPG
J03003010004	Berms	Earthen Berm	26017-1.JPG

Photos:

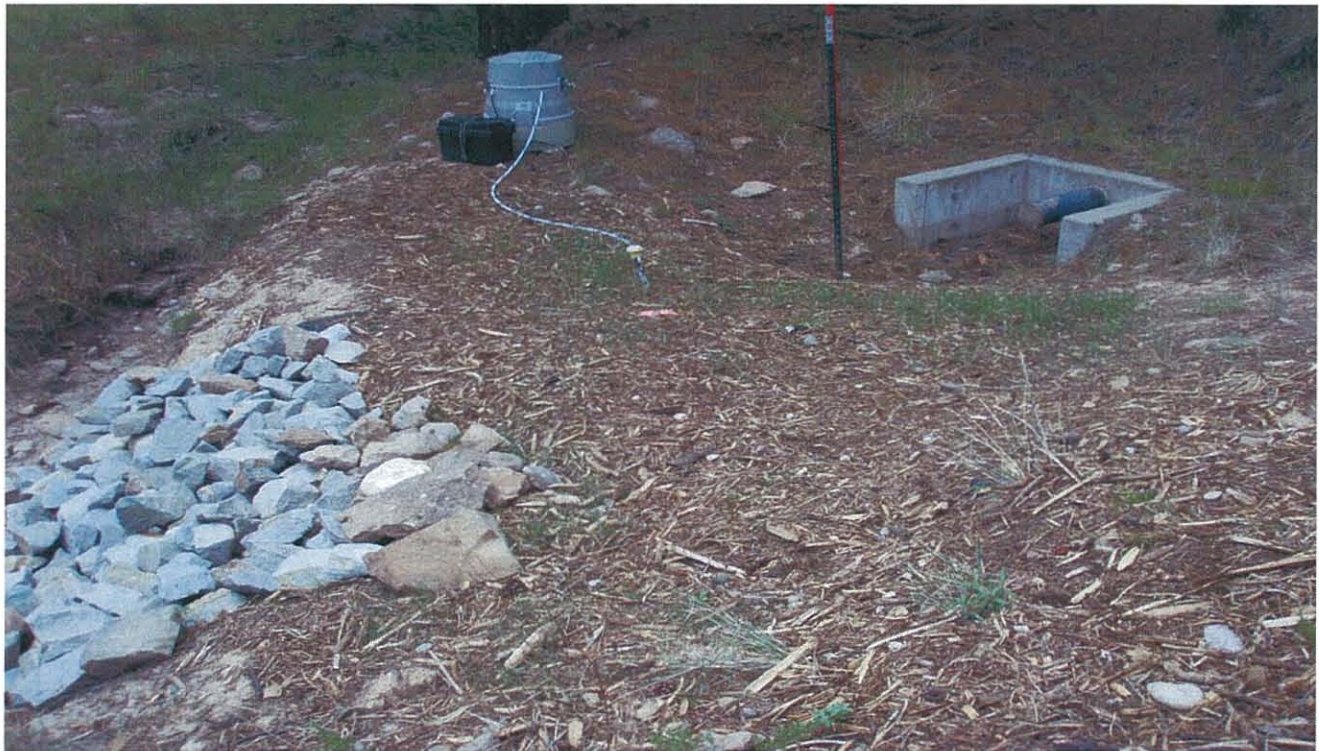
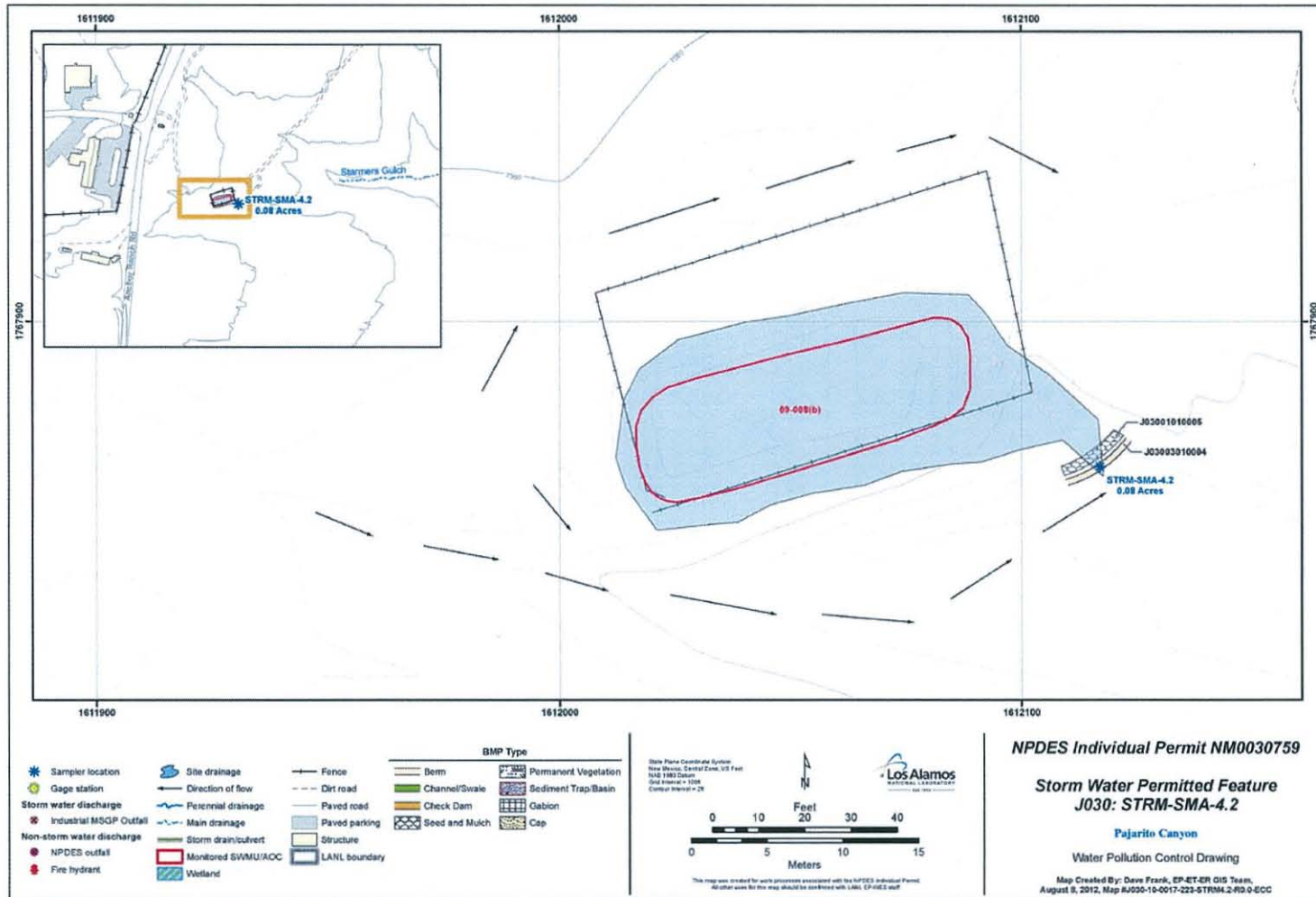


Photo: 26017-1.JPG

- J03001010005      Seed and Mulch                      - Seed and Wood Mulch
- J03003010004      Berms                                        - Earthen Berm



LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT



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**Certification of Installation of  
Enhanced Control Measures  
at 2M-SMA-1.45**

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**LA-UR-12-24012**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: E005

2M-SMA-1.45

Sites: 06-006

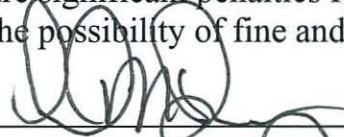
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CERTIFICATION STATEMENT OF AUTHORIZATION

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\_\_\_\_\_  
Environmental Programs  
Corrective Actions Program  
Los Alamos National Laboratory

Aug. 17, 2012  
Date

  
\_\_\_\_\_  
Los Alamos Site Office  
National Nuclear Security Administration

8-21-2012  
Date

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

PF: E005

2M-SMA-1.45

Sites: 06-006

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
E00503010016	Berms	Earthen Berm	26099-2.JPG
E00503010017	Berms	Earthen Berm	26099-2.JPG

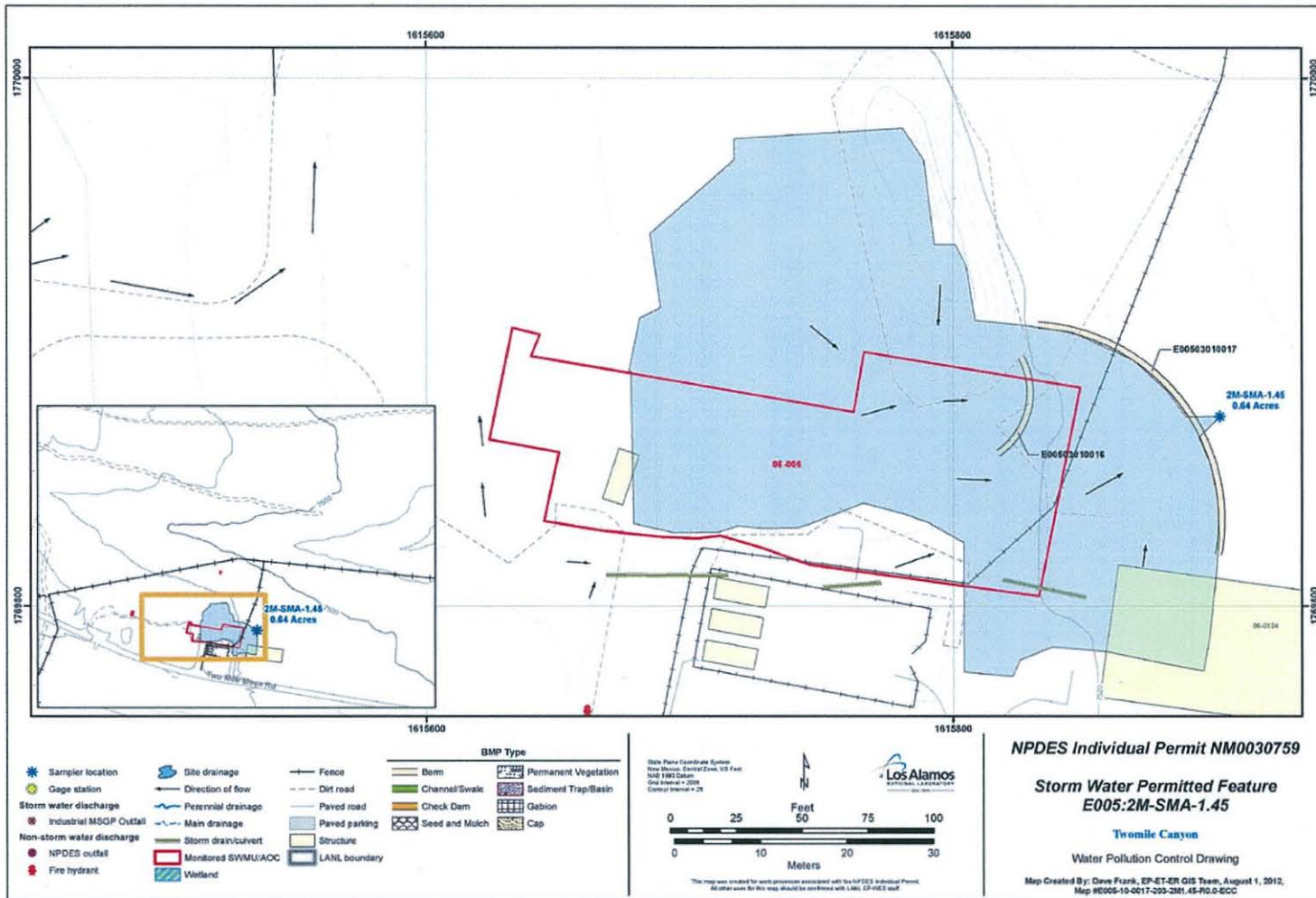
Photos:



Photo: 26099-2.JPG

- E00503010016 Berms - Earthen Berm
- E00503010017 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT



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**Certification of Installation of  
Enhanced Control Measures  
at PT-SMA-2.01**

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**LA-UR-12-23190**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I004A

PT-SMA-2.01

Sites: C-36-001  
C-36-006(e)

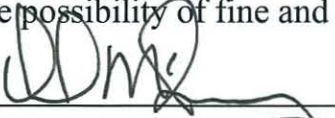
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\_\_\_\_\_  
Environmental Programs  
Corrective Actions Program  
Los Alamos National Laboratory

Aug 3, 2012  
Date

  
\_\_\_\_\_  
Los Alamos Site Office  
National Nuclear Security Administration

8-3-2012  
Date

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: I004A

PT-SMA-2.01

Sites: C-36-001  
C-36-006(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
I004A03010004	Berms	Earthen Berm	23589-1.JPG

Photos:

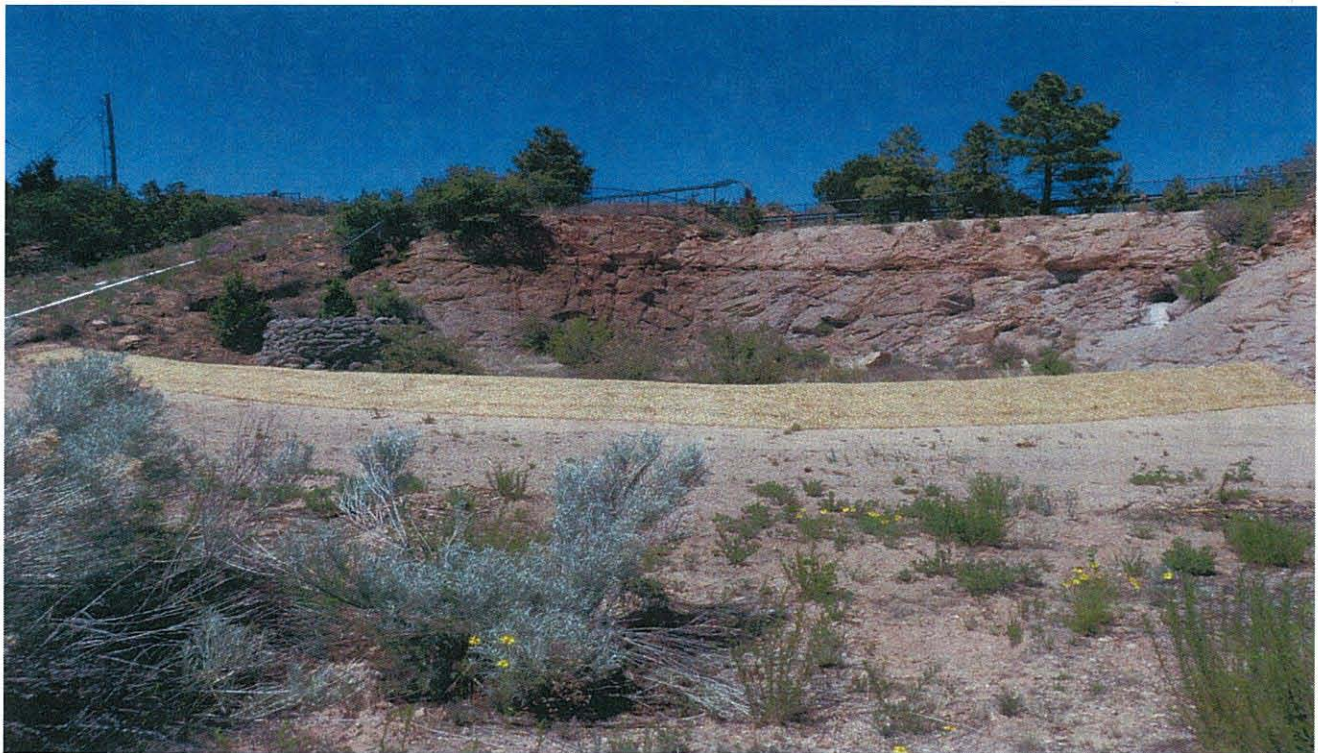


Photo: 23589-1.JPG

I004A03010004

Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

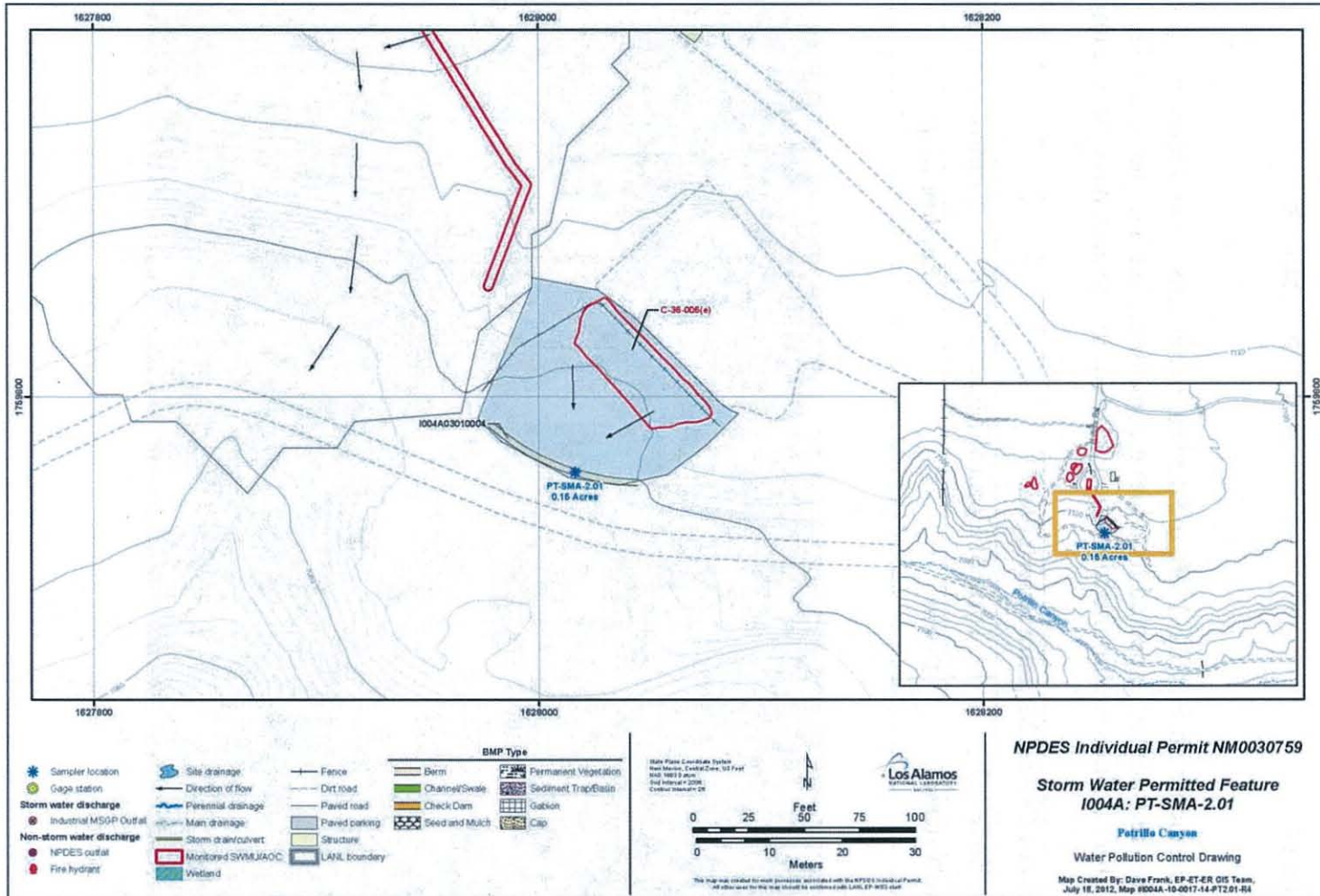
LA-UR-12-23190

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

PF:1004A

PT-SMA-2.01

Sites: C-36-001  
C-36-006(e)



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

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**LA-UR-12-23233**

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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

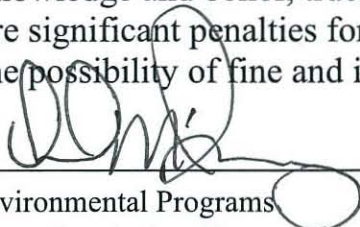
The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1 (c), which requires the Permittees (i.e. DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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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  
Corrective Actions Program  
Los Alamos National Laboratory

7-30-2012  
Date

  
Los Alamos Site Office  
National Nuclear Security Administration

7-27-2012  
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>			
<b>BMP ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>	<b>Photo ID</b>
<b>C00403010014</b>	<b>Berms</b>	<b>Earthen Berm</b>	<b>24704-1.JPG</b>

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: 24704-1.JPG

C00403010014

Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

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

