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**Certification of Installation of  
Enhanced Control Measures  
at CHQ-SMA-1.02**

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**LA-UR-12-24872**

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NPDES PERMIT NO. NM0030759

LA-UR-12-24872

LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: Q002A

CHQ-SMA-1.02

Sites: 33-004(h)  
33-008(c)  
33-011(d)  
33-015

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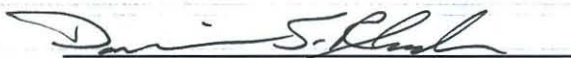
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

10/24/2012

Date



Los Alamos Site Office  
National Nuclear Security Administration

10-24-2012

Date

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5/13/2015

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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: Q002A

CHQ-SMA-1.02

Sites: 33-004(h)  
 33-008(c)  
 33-011(d)  
 33-015

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
Q002A03010010	Berms	Earthen Berm	26535-3.JPG
Q002A03010011	Berms	Earthen Berm	26535-3.JPG
Q002A03010012	Berms	Earthen Berm	26535-3.JPG
Q002A03010013	Berms	Earthen Berm	26535-4.JPG

Note- SWMU 33-008(c) is split between CHQ-SMA-1.02 and CHQ-SMA-1.03. Installation of controls for CHQ-SMA-1.03 are planned for early CY 2013.

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: Q002A

CHQ-SMA-1.02

Sites: 33-004(h)  
33-008(c)  
33-011(d)  
33-015

Photos:



Photo: 26535-3.JPG

- Q002A03010010 Berms - Earthen Berm
- Q002A03010011 Berms - Earthen Berm
- Q002A03010012 Berms - Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-24872

LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: Q002A

CHQ-SMA-1.02

Sites: 33-004(h)

33-008(c)

33-011(d)

33-015



Photo: 26535-4.JPG

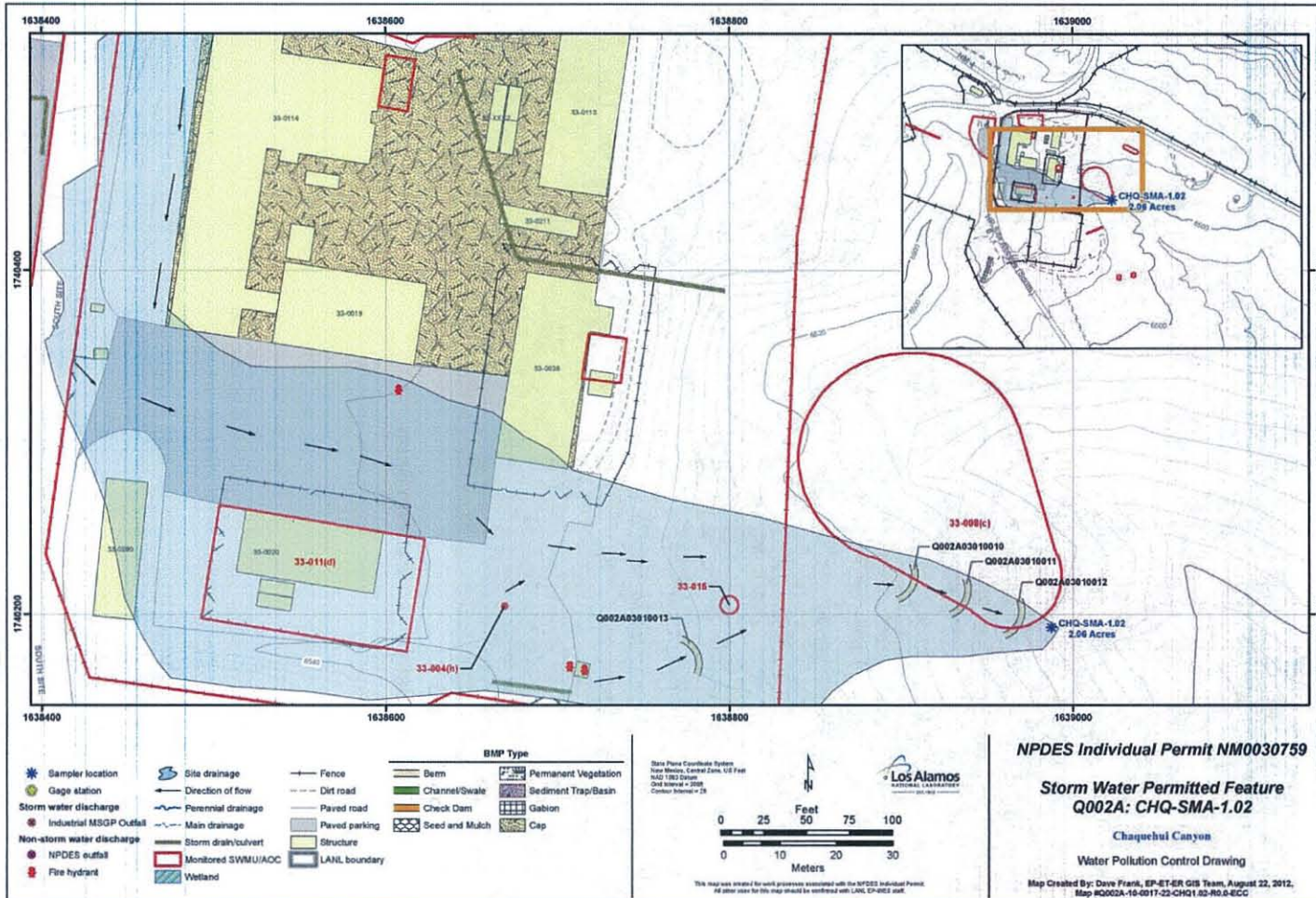
Q002A03010013 Berms - Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION  
 CHQ-SMA-1.02

PF: Q002A

Sites: 33-004(h)  
 33-008(c)  
 33-011(d)  
 33-015

Map with Enhanced Control Measures:





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**Certification of Installation of  
Enhanced Control Measures  
at LA-SMA-0.85**

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**LA-UR-12-25359**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: L001

LA-SMA-0.85

Sites: 03-055(c)

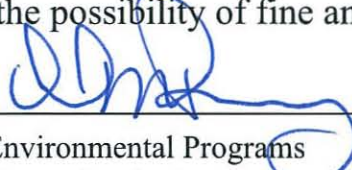
The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1 (c), which requires the Permittees (i.e. DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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CERTIFICATION STATEMENT OF AUTHORIZATION

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

10/23/2012  
\_\_\_\_\_  
Date

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

10-23-2012  
\_\_\_\_\_  
Date

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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: L001

LA-SMA-0.85

Sites: 03-055(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
L00103010008	Berms	Earthen Berm	28051-1.JPG

Photos:



Photo: 28051-1.JPG

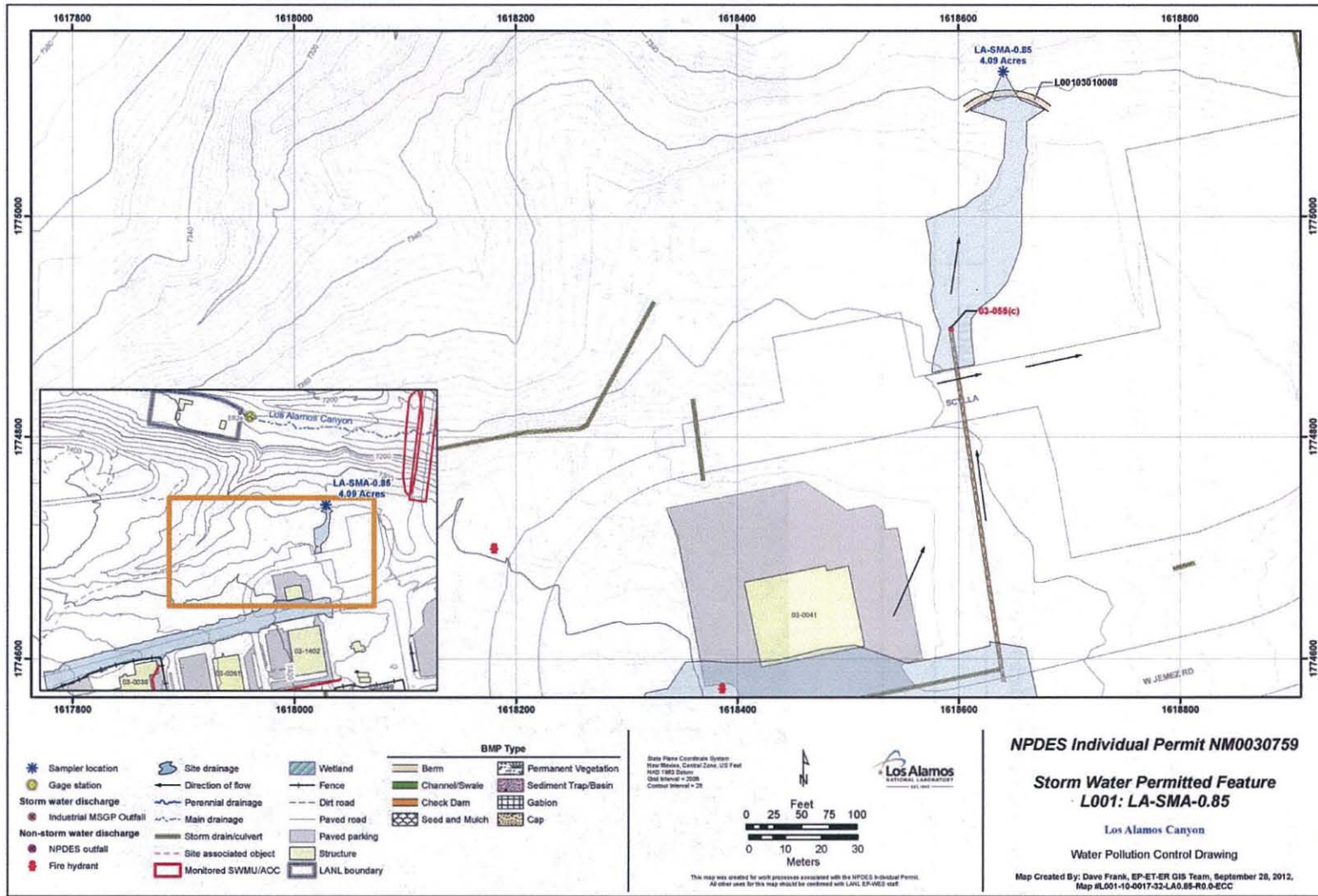
L00103010008 Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT  
 LA-SMA-0.85

PF:L001

Sites: 03-055(c)



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**Certification of Installation of  
Enhanced Control Measures  
at M-SMA-10.01**

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**LA-UR-12-24816**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: M012A

M-SMA-10.01

Sites: 35-016(e)

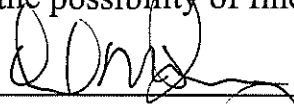
The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1 (c), which requires the Permittees (i.e. DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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CERTIFICATION STATEMENT OF AUTHORIZATION

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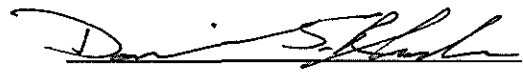
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

9/25/2012

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National Nuclear Security Administration

9-25-2012

Date

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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: M012A

M-SMA-10.01

Sites: 35-016(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
M012A03010006	Berms	Earthen Berm	26656-1.JPG
M012A03010007	Berms	Earthen Berm	26656-1.JPG

Photos:



Photo: 26656-1.JPG

- M012A03010006 Berms - Earthen Berm
- M012A03010007 Berms - Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-24816

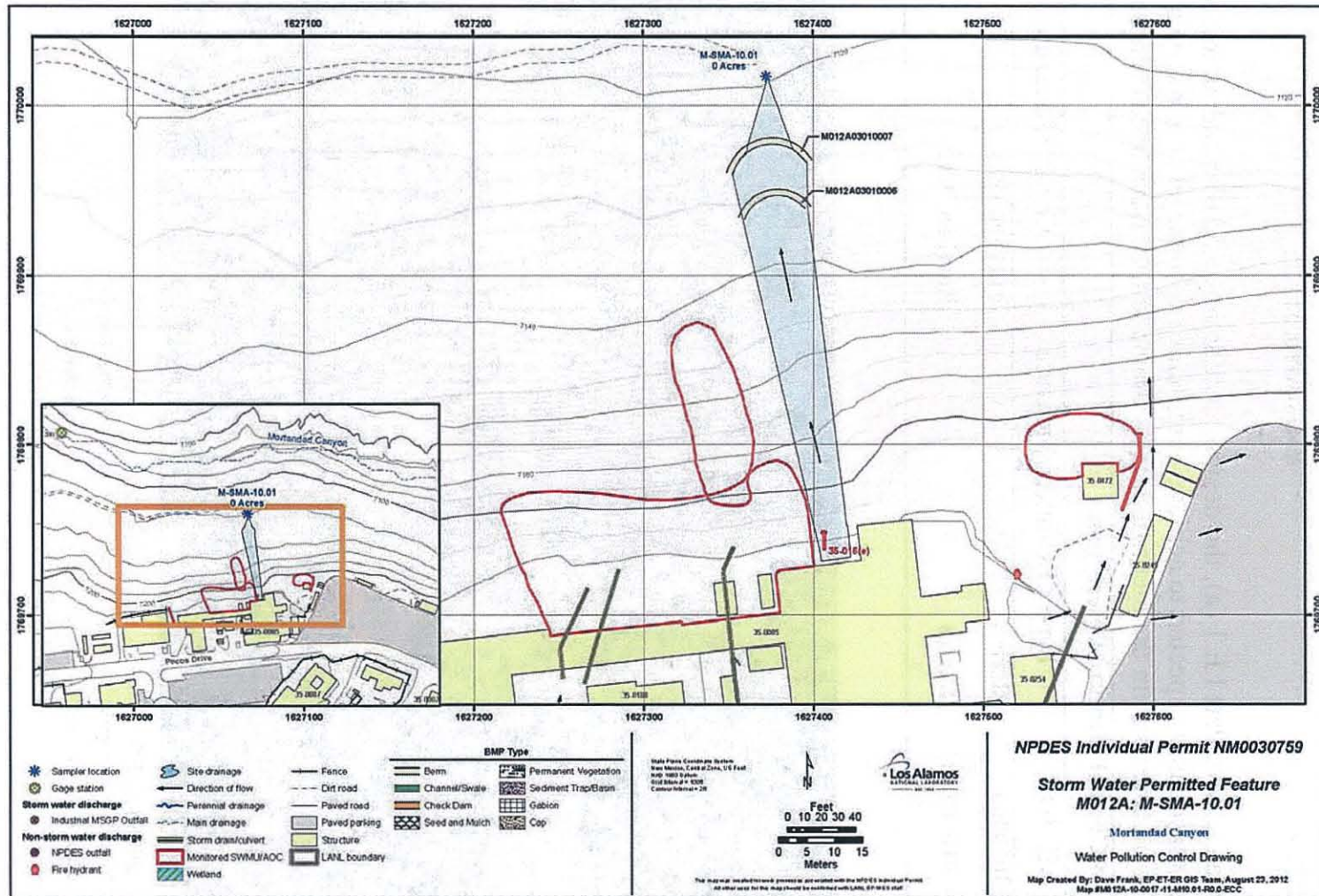
LOS ALAMOS NATIONAL LABORATORY

CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

PF: M012A

M-SMA-10.01

Sites: 35-016(E)



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**Certification of Installation of  
Enhanced Control Measures  
at S-SMA-4.1**

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**LA-UR-12-24868**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: S011

S-SMA-4.1

Sites: 53-014

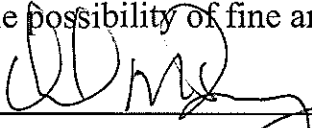
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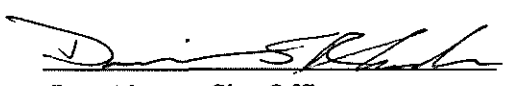
CERTIFICATION STATEMENT OF AUTHORIZATION

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Environmental Programs  
Corrective Actions Program  
Los Alamos National Laboratory

9/25/2012  
Date

  
Los Alamos Site Office  
National Nuclear Security Administration

9-25-2012  
Date

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

PF: S011

S-SMA-4.1

Sites: 53-014

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>
S01101010007	Seed and Mulch	Seed and Wood Mulch	27104-2.JPG
S01103090005	Berms	Curbing	27104-1.JPG
S01103120008	Berms	Rock Berm	27104-3.JPG
S01104020006	Channel/Swale	Concrete/Asphalt Channel/Swale	27104-1.JPG
S01108030009	Cap	Concrete/Asphalt Cap	27104-4.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: S011

S-SMA-4.1

Sites: 53-014

Photos:



Photo: 27104-1.JPG

S01103090005      Berms

- Curbing

S01104020006      Channel/Swale

- Concrete/Asphalt Channel/Swale

NPDES PERMIT NO. NM0030759

LA-UR-12-24868

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: S011

S-SMA-4.1

Sites: 53-014



Photo: 27104-2.JPG

S01101010007

Seed and Mulch

- Seed and Wood Mulch

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: S011

S-SMA-4.1

Sites: 53-014



Photo: 27104-3.JPG

S01103120008      Berms

- Rock Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-24868

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: S011

S-SMA-4.1

Sites: 53-014



Photo: 27104-4.JPG

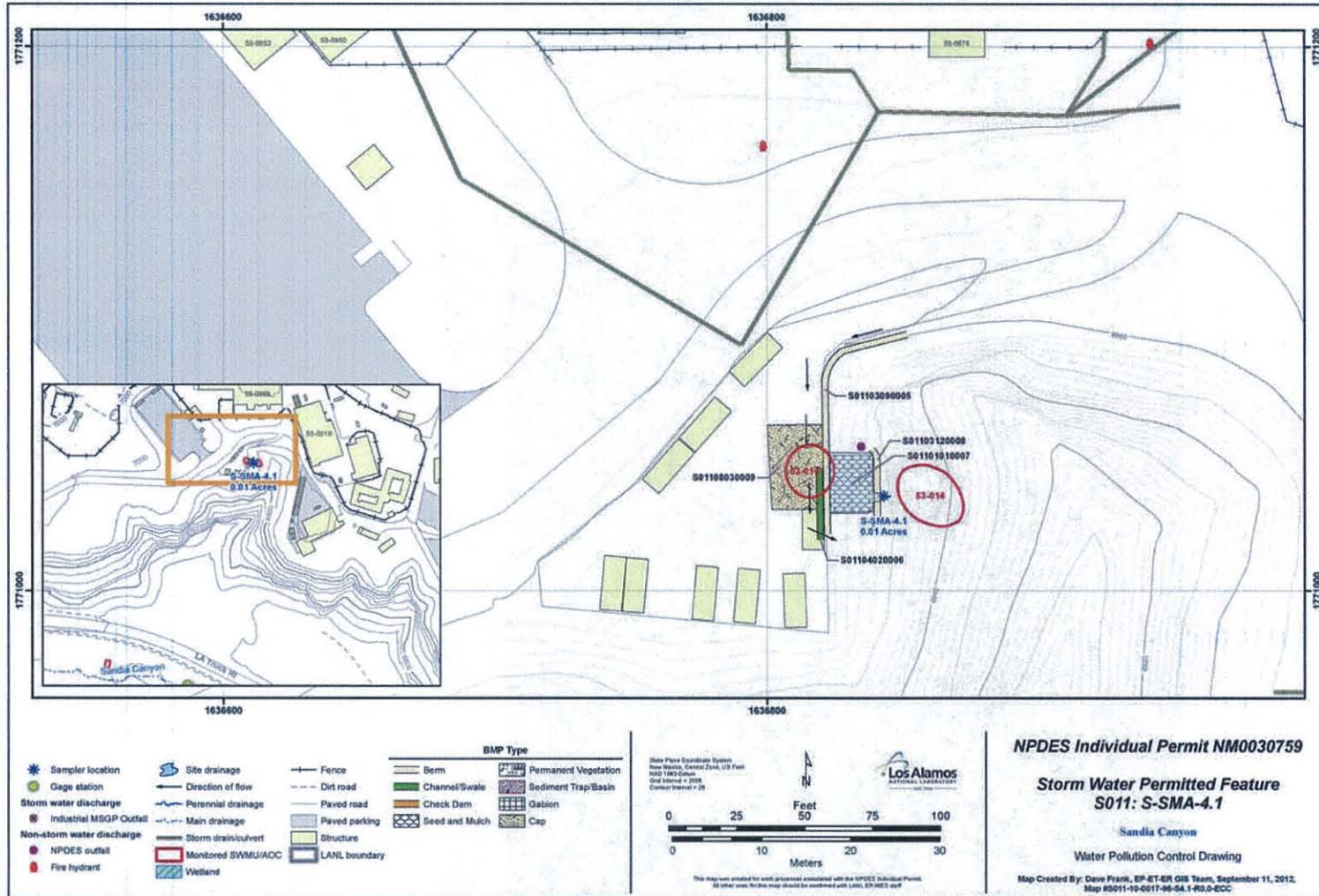
S01108030009 Cap

- Concrete/Asphalt Cap

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT  
 S-SMA-4.1

PF:S011

Sites: 53-014



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

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**LA-UR-12-24688**

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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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### CERTIFICATION STATEMENT OF AUTHORIZATION

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Corrective Actions Program  
Los Alamos National Laboratory

9/25/2012

Date



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National Nuclear Security Administration

9-25-2012

Date

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

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.

**Enhanced Control Measure Description:**

<b>BMP ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>	<b>Photo ID</b>
W00205020013	Sediment Basin	Sediment Basin	26655-9.JPG
W00205020014	Sediment Basin	Sediment Basin	26655-7.JPG
W00203010015	Earthen Berm	Earthen Berm	26655-8.JPG
W00206010016	Rock Check Dam	Rock Check Dam	26655-10.JPG

**Photos:**



Photo: 26655-7.JPG

W00205020014 Sediment Basin - Sediment Basin

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: W002

W-SMA-1.5

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



Photo: 26655-8.JPG

W00203010015 Earthen Berm - Earthen Berm



Photo: 26655-9.JPG

W00205020013 Sediment Basin - Sediment Basin



Photo: 26655-10.JPG

W00206010016 Rock Check Dam - Rock Check Dam

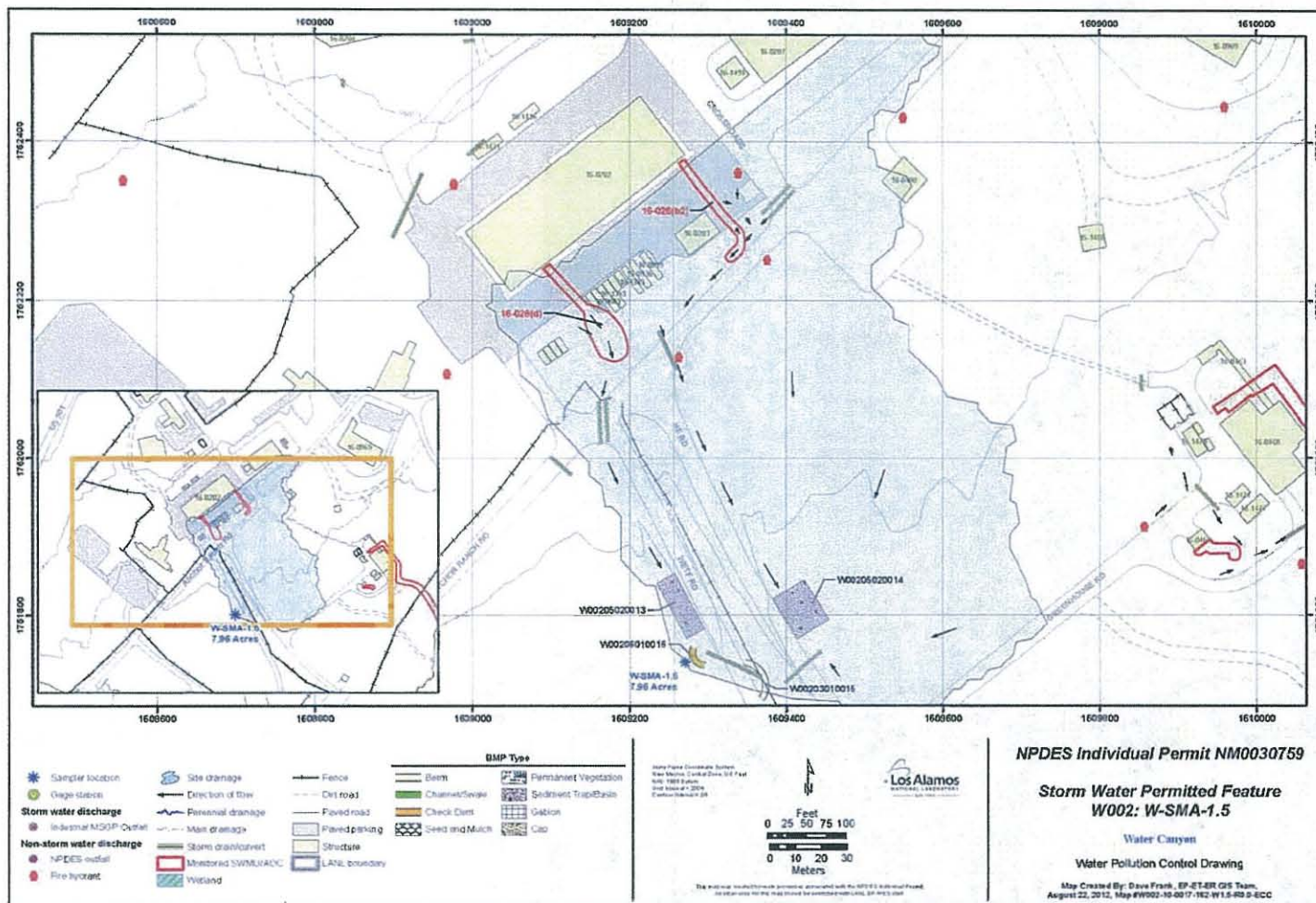
LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

PF: W002

W-SMA-1.5

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

Map with Enhanced Control Measures:





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**Certification of Installation of  
Enhanced Control Measures  
at W-SMA-2.05**

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**LA-UR-12-24732**

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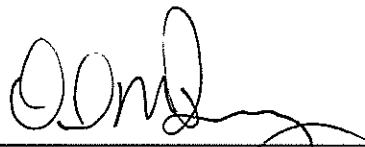
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### CERTIFICATION STATEMENT OF AUTHORIZATION

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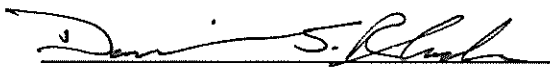
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Environmental Programs  
Corrective Actions Program  
Los Alamos National Laboratory

9/25/2012

Date



Los Alamos Site Office  
National Nuclear Security Administration

9-25-2012

Date

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES INSTALLATION

PF: W003

W-SMA-2.05

Sites: 16-028(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:**

<b>BMP ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>	<b>Photo ID</b>
W00303010007	Berms	Earthen Berm	26805-3.JPG
W00303010008	Berms	Earthen Berm	26805-2.JPG
W00306010009	Check Dam	Rock Check Dam	26805-1.JPG

**Photos:**



Photo: 26805-3.JPG

W00303010007 Berms - Earthen Berm



Photo: 26805-2.JPG

W00303010008 Berms - Earthen Berm



Photo: 26805-1.JPG

W00306010009 Check Dam - Rock Check Dam

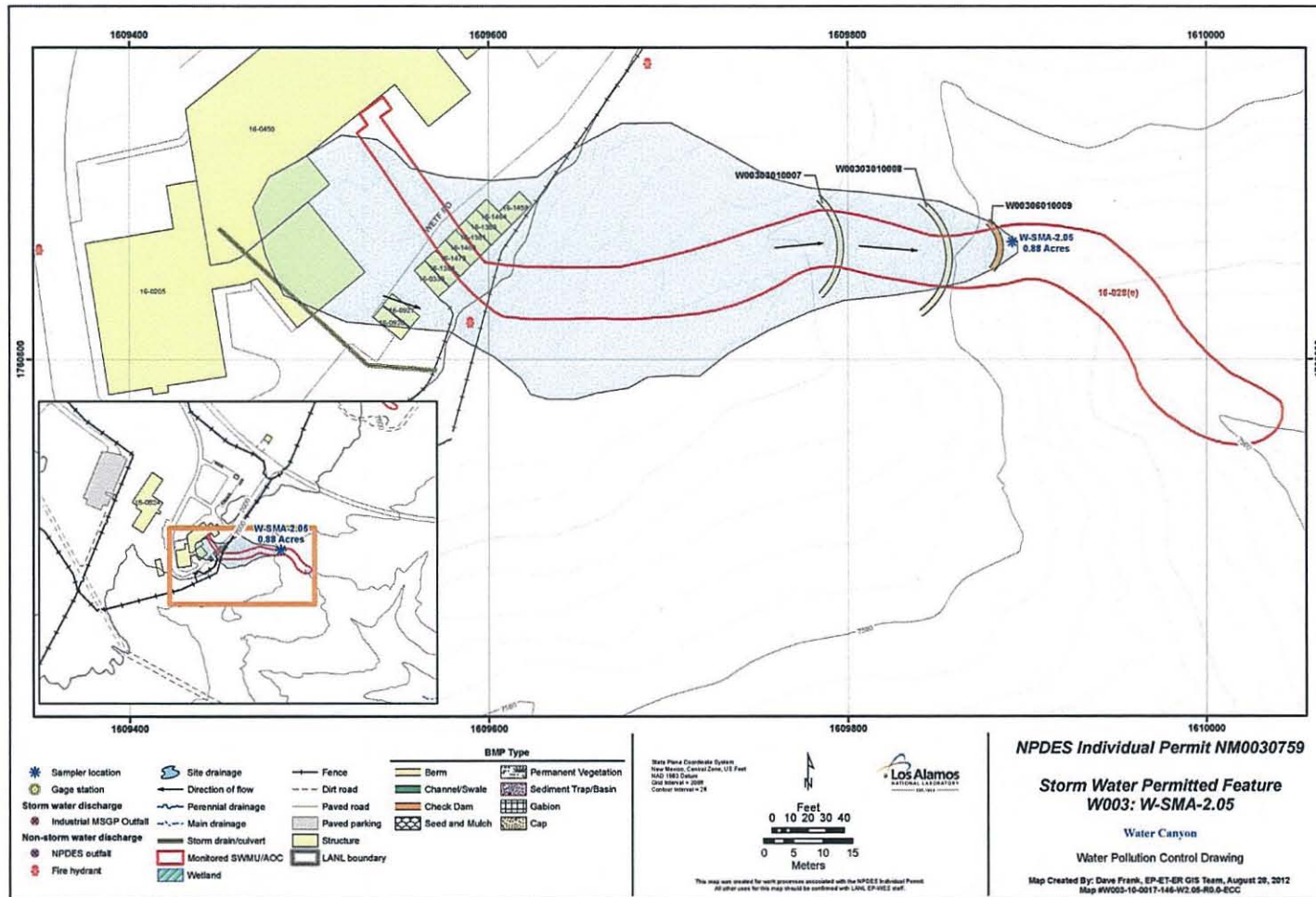


LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT  
 W-SMA-2.05

PF: W003

Sites: 16-028(e)

Map with Enhanced Control Measures:



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**Certification of Installation of  
Enhanced Control Measures  
at W-SMA-11.7**

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**LA-UR-12-25352**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)


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

10/23/2012  
\_\_\_\_\_  
Date

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

10-23-2012  
\_\_\_\_\_  
Date

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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(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.

<b>Enhanced Control Measure Description:</b>			
BMP ID	Type of Control Measure	Control Measure	Photo ID
W01903010041	Berms	Earthen Berm	27977-2.JPG
W01903010042	Berms	Earthen Berm	27977-2.JPG
W01903010043	Berms	Earthen Berm	27977-2.JPG
W01903010044	Berms	Earthen Berm	27977-3.JPG
W01903010045	Berms	Earthen Berm	27977-4.JPG
W01903010046	Berms	Earthen Berm	27977-5.JPG
W01903010047	Berms	Earthen Berm	27977-7.JPG
W01903010048	Berms	Earthen Berm	27977-8.JPG
W01903010049	Berms	Earthen Berm	27977-9.JPG
W01903010050	Berms	Earthen Berm	27977-10.JPG
W01904010051	Channel/Swale	Earthen Channel/Swale	27977-11.JPG

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)

Photos:



Photo: 27977-10.JPG

W01903010050

Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-25352

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)

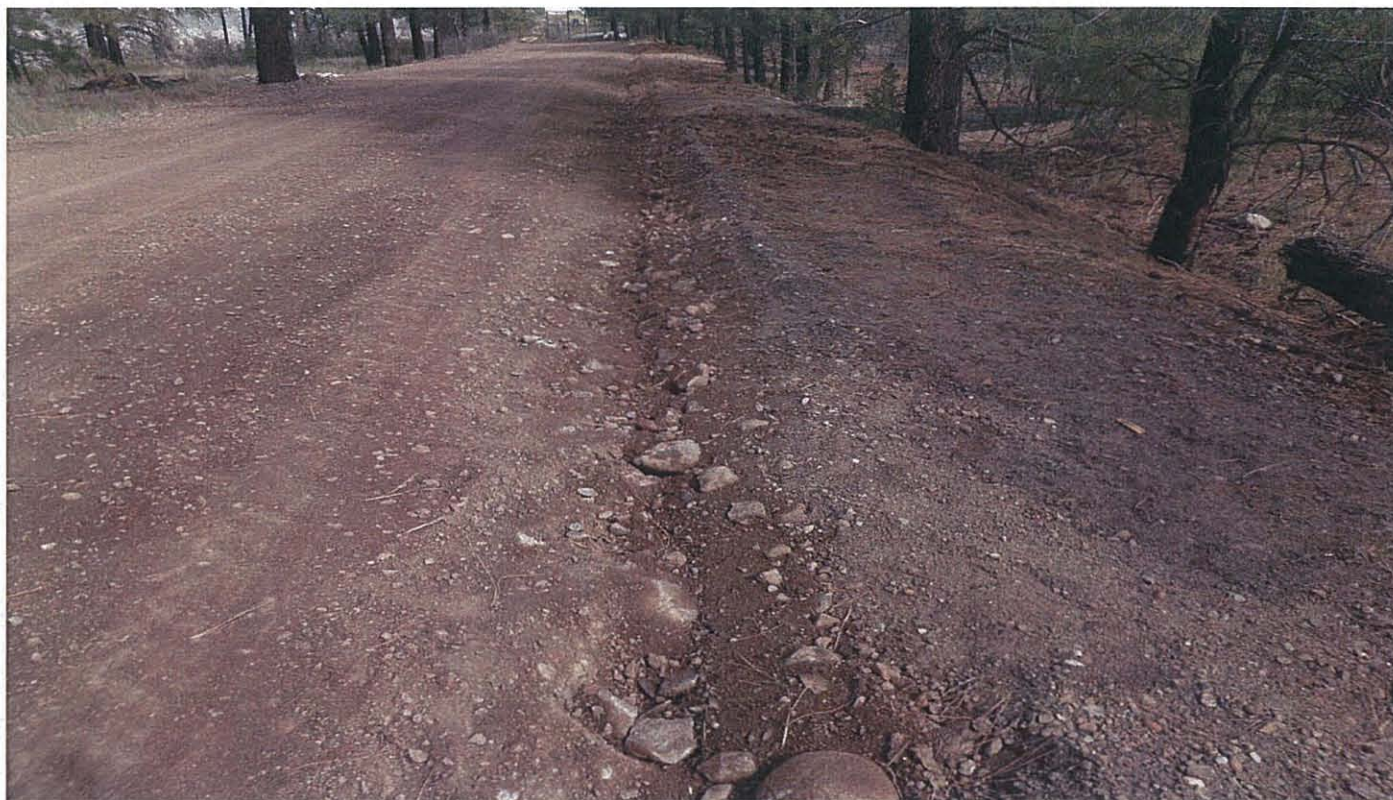


Photo: 27977-11.JPG

W01904010051 Channel/Swale

- Earthen Channel/Swale



LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)



Photo: 27977-2.JPG

W01903010041	Berms	- Earthen Berm
W01903010042	Berms	- Earthen Berm
W01903010043	Berms	- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-25352

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)



Photo: 27977-3.JPG

W01903010044      Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)



Photo: 27977-4.JPG

W01903010045

Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)



Photo: 27977-5.JPG

W01903010046      Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)



Photo: 27977-7.JPG

W01903010047 Berns

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-25352

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)



Photo: 27977-8.JPG

W01903010048      Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W019

W-SMA-11.7

Sites: 49-008(c)



Photo: 27977-9.JPG

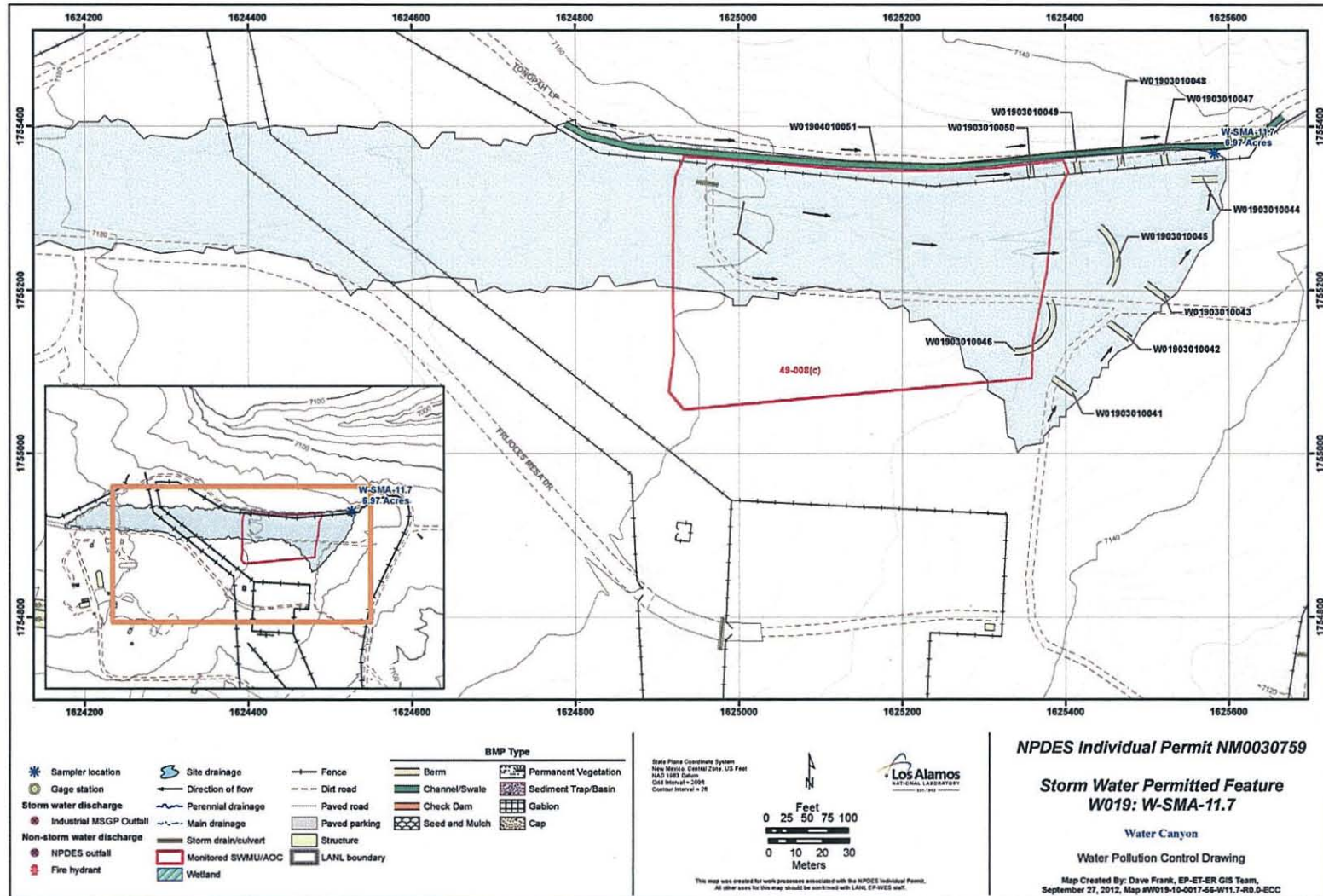
W01903010049      Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT  
 W-SMA-11.7

PF:W019

Sites: 49-008(c)





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**Certification of Installation of  
Enhanced Control Measures  
at W-SMA-14.1**

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**LA-UR-12-24011**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W021

W-SMA-14.1

Sites: 15-004(h)  
15-014(l)

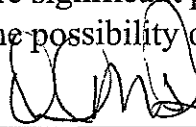
The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1 (c), which requires the Permittees (i.e. DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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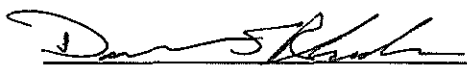
CERTIFICATION STATEMENT OF AUTHORIZATION

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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

9/25/2012  
\_\_\_\_\_  
Date

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

9-25-2012  
\_\_\_\_\_  
Date

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

PF: W021

W-SMA-14.1

Sites: 15-004(h)  
15-014(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.

<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>W02103010016</b>	<b>Berms</b>	<b>Earthen Berm</b>	<b>25735-1.JPG</b>
<b>W02103010017</b>	<b>Berms</b>	<b>Earthen Berm</b>	<b>25735-1.JPG</b>
<b>W02103010018</b>	<b>Berms</b>	<b>Earthen Berm</b>	<b>25735-1.JPG</b>
<b>W02103010019</b>	<b>Berms</b>	<b>Earthen Berm</b>	<b>25735-3.JPG</b>
<b>W02103010020</b>	<b>Berms</b>	<b>Earthen Berm</b>	<b>25735-8.JPG</b>

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W021

W-SMA-14.1

Sites: 15-004(h)  
15-014(l)

Photos:



Photo: 25735-1.JPG

- |              |       |                |
|--------------|-------|----------------|
| W02103010016 | Berms | - Earthen Berm |
| W02103010017 | Berms | - Earthen Berm |
| W02103010018 | Berms | - Earthen Berm |

NPDES PERMIT NO. NM0030759

LA-UR-12-24011

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W021

W-SMA-14.1

Sites: 15-004(h)  
15-014(l)



Photo: 25735-3.JPG

W02103010019 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-24011

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W021

W-SMA-14.1

Sites: 15-004(h)  
15-014(I)



Photo: 25735-8.JPG

W02103010020 Berms

- Earthen Berm



NPDES PERMIT NO. NM0030759

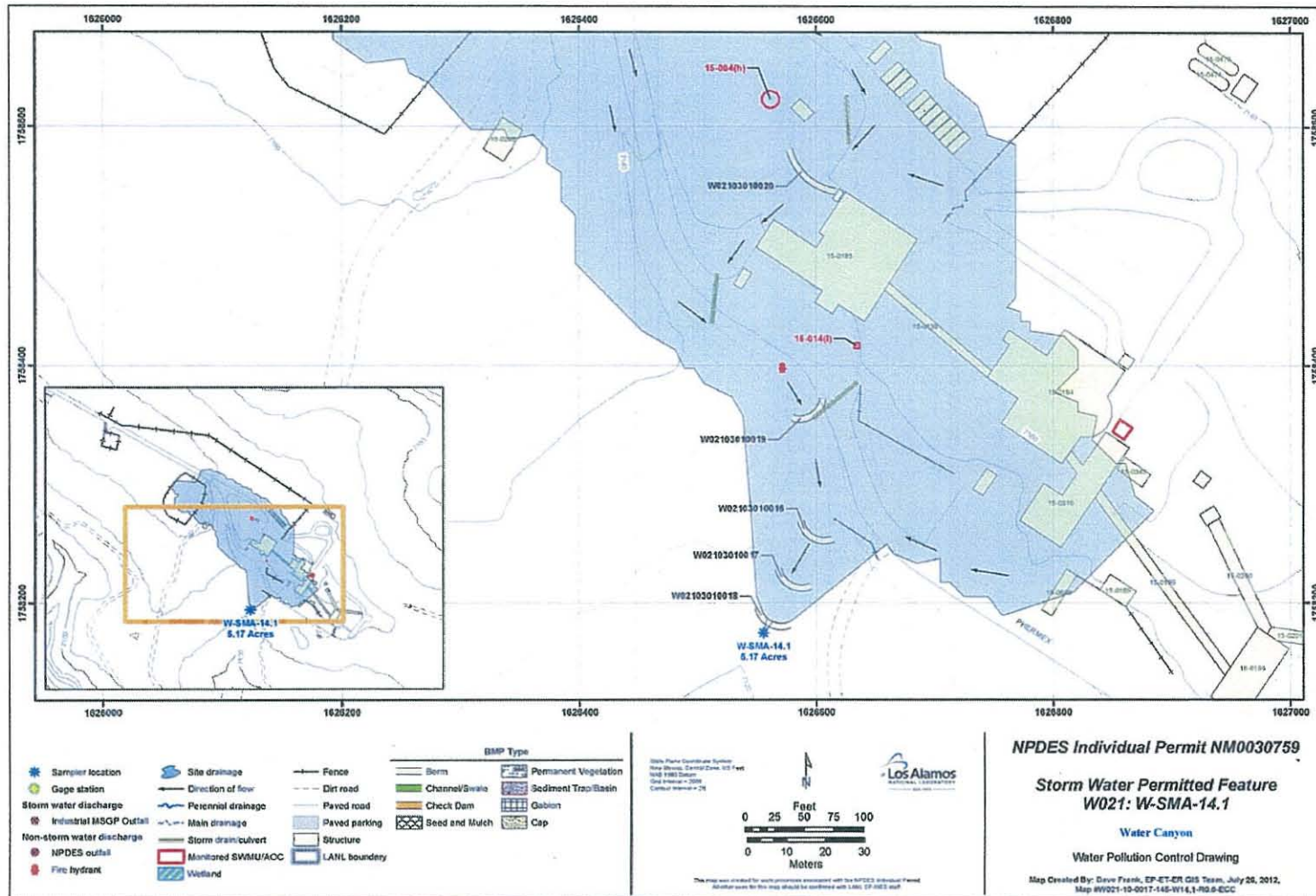
LA-UR-12-24011

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT

PF: W021

W-SMA-14.1

Sites: 15-004(h)  
15-014(l)



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**Certification of Installation of  
Enhanced Control Measures  
at W-SMA-15.1**

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**LA-UR-12-25373**

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LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W022

W-SMA-15.1

Sites: 49-005(a)

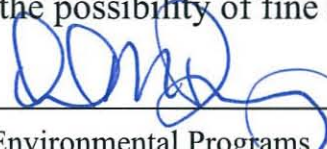
The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1 (c), which requires the Permittees (i.e. DOE and LANS) to certify the completion of the installation of control measures within 30 days of completion of the installation of all such measures at the site.

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**CERTIFICATION STATEMENT OF AUTHORIZATION**

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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

10/23/2012  
\_\_\_\_\_  
Date

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

10-23-2012  
\_\_\_\_\_  
Date

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LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W022

W-SMA-15.1

Sites: 49-005(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
W02203010004	Berms	Earthen Berm	27975-3.JPG
W02203010005	Berms	Earthen Berm	27975-2.JPG

Photos:



Photo: 27975-2.JPG

W02203010005 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-12-25373

LOS ALAMOS NATIONAL LABORATORY  
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: W022

W-SMA-15.1

Sites: 49-005(a)



Photo: 27975-3.JPG

W02203010004 Berms

- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY  
 CERTIFICATION OF ENHANCED CONTROL MEASURES REPORT  
 W-SMA-15.1

PF:W022

Sites: 49-005(a)

