
**Certification of Installation of
Enhanced Control Measures
at CDV-SMA-1.4**

LA-UR-14-22561

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

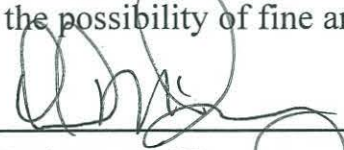
CDV-SMA-1.4

Sites: 16-020
16-026(l)
16-028(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.

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

5/12/2014

Date



Los Alamos Field Office
National Nuclear Security Administration

5-6-2014

Date

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LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
 16-026(l)
 16-028(c)

Site 16-030(c) is associated with CDV-SMA-1.4, however, a Certificate of Completion was issued by NMED for this Site on 01/23/2008. The request to NMED for a Certificate of Completion was submitted by LANL on 10/02/2007. The enhanced control measure installations certified in this document apply to the remaining Sites at this SMA.

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
V00303010070	Berms	Earthen Berm	35020-1.jpg
V00303010071	Berms	Earthen Berm	35020-3.jpg
V00303010072	Berms	Earthen Berm	35020-15.jpg
V00305020073	Sediment Traps and Basins	Sediment Basin	35020-2.jpg
V00305020074	Sediment Traps and Basins	Sediment Basin	35020-6.jpg
V00305020075	Sediment Traps and Basins	Sediment Basin	35020-7.jpg
V00305020076	Sediment Traps and Basins	Sediment Basin	35020-16.jpg

NPDES PERMIT NO. NM0030759

LA-UR-14-22561

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
16-026(l)
16-028(c)

Photos:



Photo: 35020-1.jpg

V00303010070 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-14-22561

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
16-026(I)
16-028(c)



Photo: 35020-15.jpg
V00303010072 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-14-22561

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
16-026(I)
16-028(c)



Photo: 35020-16.jpg

V00305020076

Sediment Traps and Basins

- Sediment Basin

NPDES PERMIT NO. NM0030759

LA-UR-14-22561

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
16-026(I)
16-028(c)



Photo: 35020-2.jpg

V00305020073

Sediment Traps and Basins

- Sediment Basin

NPDES PERMIT NO. NM0030759

LA-UR-14-22561

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
16-026(l)
16-028(c)



Photo: 35020-3.jpg

V00303010071 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-14-22561

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
16-026(l)
16-028(c)



Photo: 35020-6.jpg

V00305020074

Sediment Traps and Basins

- Sediment Basin

NPDES PERMIT NO. NM0030759

LA-UR-14-22561

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
16-026(l)
16-028(c)



Photo: 35020-7.jpg

V00305020075

Sediment Traps and Basins

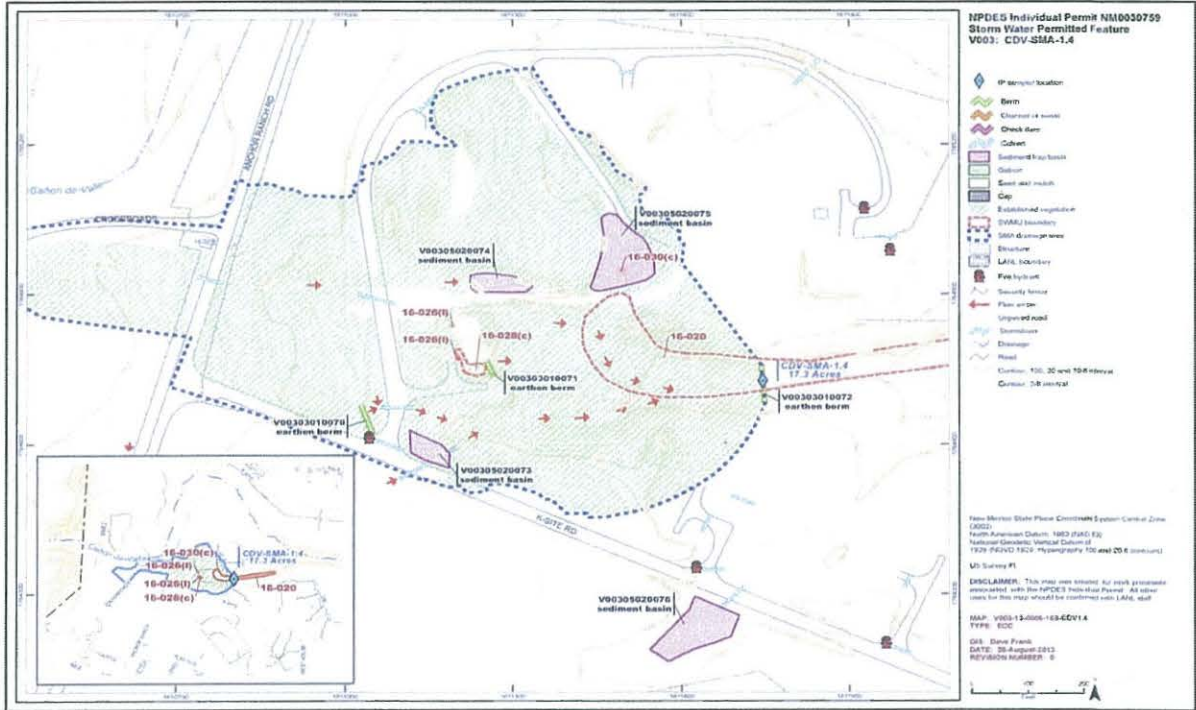
- Sediment Basin

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: V003

CDV-SMA-1.4

Sites: 16-020
16-026(I)
16-028(c)



**Certification of Installation of
Enhanced Control Measures
at CHQ-SMA-1.03**

LA-UR-14-22995

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: Q002B

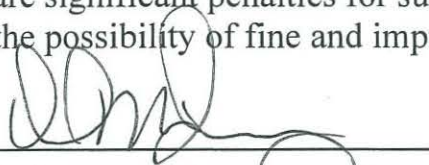
CHQ-SMA-1.03

Sites: 33-008(c)
33-012(a)
33-017
C-33-001
C-33-003

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

MAY 12, 2014

Date



Los Alamos Field Office
National Nuclear Security Administration

5-13-2014

Date

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NPDES PERMIT NO. NM0030759

LA-UR-14-22995

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: Q002B

CHQ-SMA-1.03

Sites: 33-008(c)
33-012(a)
33-017
C-33-001
C-33-003

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
Q002B03150013	Berms	Redi-Rock Berm	37973-8.JPG

NPDES PERMIT NO. NM0030759

LA-UR-14-22995

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: Q002B

CHQ-SMA-1.03

Sites: 33-008(c)
33-012(a)
33-017
C-33-001
C-33-003

Photos:



Photo: 37973-8.JPG

Q002B03150013 Berms

- Redi-Rock Berm

NPDES PERMIT NO. NM0030759

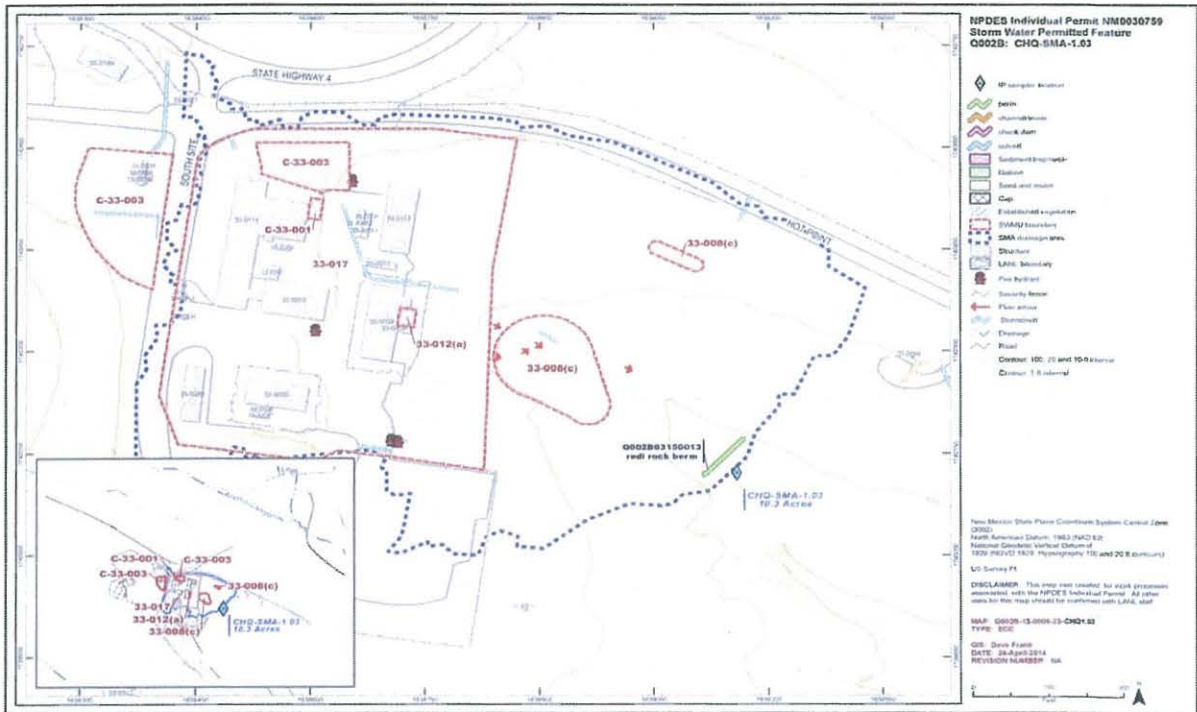
LA-UR-14-22995

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: Q002B

CHQ-SMA-1.03

Sites: 33-008(c)
33-012(a)
33-017
C-33-001
C-33-003



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

LA-UR-14-22907

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T001

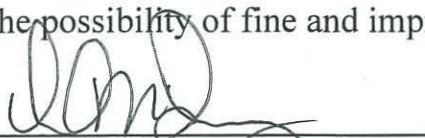
Pratt-SMA-1.05

Sites: 35-003(h)
35-003(p)
35-003(r)
35-004(h)
35-009(d)
35-016(k)
35-016(l)
35-016(m)

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

MAY 12 / 2014
Date



Los Alamos Field Office
National Nuclear Security Administration

5-13-2014
Date

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LOS ALAMOS NATIONAL LABORATORY
 CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T001

Pratt-SMA-1.05

Sites: 35-003(h)
 35-003(p)
 35-003(r)
 35-004(h)
 35-009(d)
 35-016(k)
 35-016(l)
 35-016(m)

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
T00103010022	Berms	Earthen Berm	38210-8.JPG
T00103010023	Berms	Earthen Berm	38210-7.JPG
T00103020024	Berms	Base Course Berm	38210-6.JPG

NPDES PERMIT NO. NM0030759

LA-UR-14-22907

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T001

Pratt-SMA-1.05

Sites: 35-003(h)
35-003(p)
35-003(r)
35-004(h)
35-009(d)
35-016(k)
35-016(l)
35-016(m)

Photos:



Photo: 38210-6.JPG

T00103020024 Berms

- Base Course Berm

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T001

Pratt-SMA-1.05

Sites: 35-003(h)
35-003(p)
35-003(r)
35-004(h)
35-009(d)
35-016(k)
35-016(l)
35-016(m)



Photo: 38210-7.JPG

T00103010023 Berns

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-14-22907

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T001

Pratt-SMA-1.05

Sites: 35-003(h)
35-003(p)
35-003(r)
35-004(h)
35-009(d)
35-016(k)
35-016(l)
35-016(m)



Photo: 38210-8.JPG

T00103010022 Berms

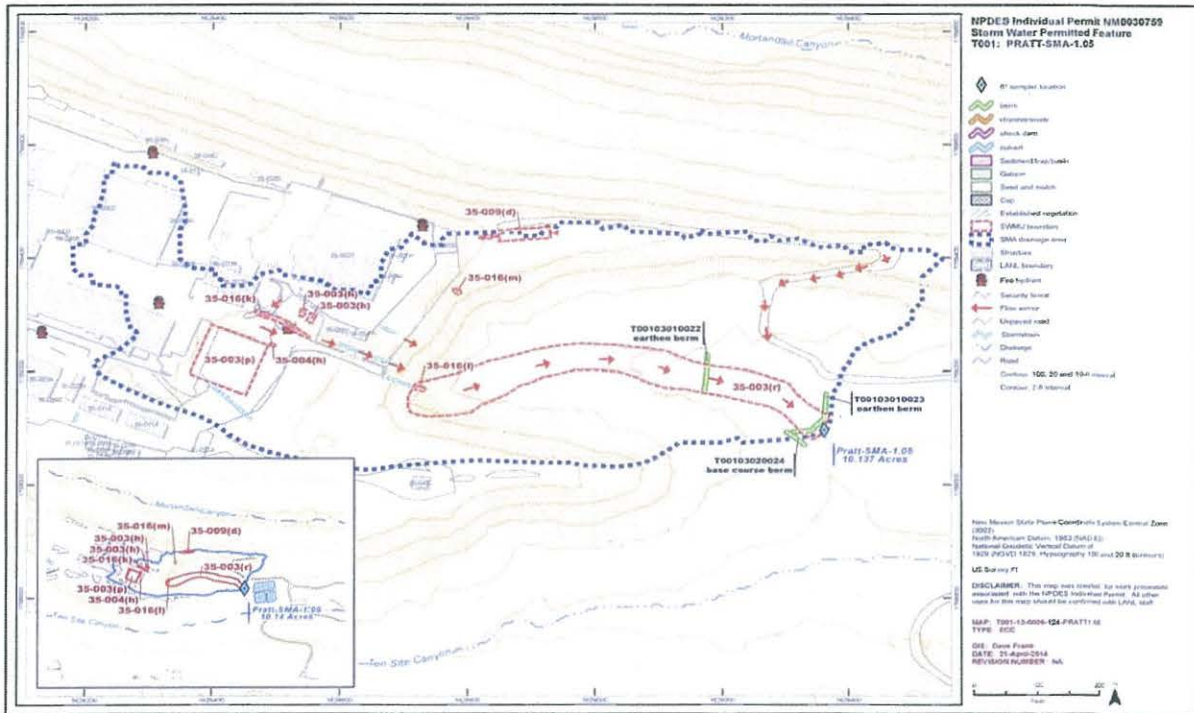
- Earthen Berm

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T001

Pratt-SMA-1.05

- Sites:
- 35-003(h)
 - 35-003(p)
 - 35-003(r)
 - 35-004(h)
 - 35-009(d)
 - 35-016(k)
 - 35-016(l)
 - 35-016(m)





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

LA-UR-14-22942

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LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T002

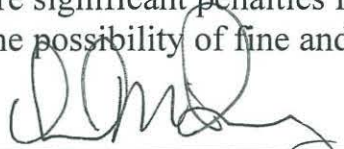
T-SMA-1

Sites: 50-006(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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Environmental Programs
Corrective Actions Program
Los Alamos National Laboratory

May 12 - 2014

Date



Los Alamos Field Office
National Nuclear Security Administration

5-6-2014

Date

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

PF: T002

T-SMA-1

Sites: 50-006(a)

Site 50-009 is associated with T-SMA-1, however, the Site has achieved a no exposure condition as completion of corrective action under Part 1.E.2 (c) of the IP, and a Submittal of Completion of Corrective Action was sent to EPA for this Site on 10/31/2013. The enhanced control measure installations certified in this document apply to the remaining Site at this SMA.

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
T00203010013	Berms	Earthen Berm	38193-5.JPG
T00203010014	Berms	Earthen Berm	38193-4.JPG
T00203010015	Berms	Earthen Berm	38193-3.JPG
T00204020016	Channel/Swale	Concrete/Asphalt Channel/Swale	38193-1.JPG
T00204040017	Channel/Swale	Culvert	38193-4.JPG
T00204040018	Channel/Swale	Culvert	38193-2.JPG
T00208010019	Cap	Earth Cap	38193-6.JPG

NPDES PERMIT NO. NM0030759

LA-UR-14-22942

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T002

T-SMA-1

Sites: 50-006(a)

Photos:



Photo: 38193-1.JPG

T00204020016

Channel/Swale

- Concrete/Asphalt Channel/Swale

NPDES PERMIT NO. NM0030759

LA-UR-14-22942

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T002

T-SMA-1

Sites: 50-006(a)



Photo: 38193-2.JPG

T00204040018

Channel/Swale

- Culvert

NPDES PERMIT NO. NM0030759

LA-UR-14-22942

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T002

T-SMA-1

Sites: 50-006(a)



Photo: 38193-3.JPG

T00203010015 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-14-22942

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T002

T-SMA-1

Sites: 50-006(a)



Photo: 38193-4.JPG

T00203010014 Berms

- Earthen Berm

T00204040017 Channel/Swale

- Culvert

NPDES PERMIT NO. NM0030759

LA-UR-14-22942

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T002

T-SMA-1

Sites: 50-006(a)



Photo: 38193-5.JPG

T00203010013 Berms

- Earthen Berm

NPDES PERMIT NO. NM0030759

LA-UR-14-22942

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T002

T-SMA-1

Sites: 50-006(a)



Photo: 38193-6.JPG
T00208010019 Cap

- Earth Cap

LOS ALAMOS NATIONAL LABORATORY
CERTIFICATION OF ENHANCED CONTROL MEASURES

PF: T002

T-SMA-1

Sites: 50-006(a)

