



**N3B-Los Alamos**  
 1200 Trinity Drive, Suite 150  
 Los Alamos, New Mexico 87544  
 (505) 257-7690



**Environmental Management**  
 Los Alamos Field Office  
 1200 Trinity Drive, Suite 400  
 Los Alamos, New Mexico 87544  
 (505) 257-7950/FAX (505) 606-2132

*Date:* July 15, 2021  
*Refer To:* N3B-2021-0196

Esteban Herrera, Chief  
 Water Enforcement Branch (6EN-WS)  
 Compliance Assurance and Enforcement Division  
 U.S. Environmental Protection Agency, Region 6  
 1201 Elm Street, Suite 500  
 Dallas, Texas 75270-2102

**Subject: NPDES Permit No. NM0030759 – Certification of Installation of Enhanced Control Measures for 3M-SMA-0.2, CDV-SMA-2.42, LA-SMA-5.2, PT-SMA-2, and STRM-SMA-1.5**

Dear Mr. Herrera:

This letter with enclosures is submitted in accordance with the requirements of the U.S. Environmental Protection Agency's (EPA's) National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (Permit) for discharge of storm water at Los Alamos National Laboratory. The Permit was issued to Los Alamos National Security, LLC (LANS) and the U.S. Department of Energy, effective November 1, 2010. On April 30, 2018, responsibilities, coverage, and liability transferred from LANS to Newport News Nuclear BWXT-Los Alamos, LLC (N3B). As specified in Part I, Section E.1(c) of the Permit, "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 documents for certification of enhanced control measures completed at 3M-SMA-0.2, CDV-SMA-2.42, LA-SMA-5.2, PT-SMA-2, and STRM-SMA-1.5 within the last 30 days are included as Enclosures 1–5, respectively. Table 1 identifies the permitted features, site monitoring areas (SMAs), and Sites applicable to the certification. The certification was signed in accordance with 40 Code of Federal Regulations 122.22(b) and will also be posted to the Individual Permit public website (<https://ext.em-la.doe.gov/ips/>).

**Table 1**  
**SMA's Included in This Submittal**  
**of Certification of Installation of Enhanced Control Measures**

Permitted Feature	SMA	Site
H001	3M-SMA-0.2	15-010(b)
V008A	CDV-SMA-2.42	16-010(b)
L013	LA-SMA-5.2	01-003(d)
I004	PT-SMA-2	15-008(f) 36-003(b) 36-004(e)
J029	STRM-SMA-1.5	08-009(d)

If you have any questions, please contact Emily Day at (505) 695-4243 (emily.day@em-la.doe.gov) or M. Lee Bishop at (505) 257-7902 (lee.bishop@em.doe.gov).

Sincerely,



Troy Thomson  
Acting Program Manager  
Environmental Remediation  
N3B-Los Alamos

Sincerely,

M Lee Bishop for

Digitally signed by M Lee Bishop  
for  
Date: 2021.07.14 09:46:08 -06'00'

M. Lee Bishop, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office

Enclosure(s): One hard copy with electronic files:

1. Certification of Installation of Enhanced Control Measures at 3M-SMA-0.2 (EM2021-0373)
2. Certification of Installation of Enhanced Control Measures at CDV-SMA-2.42 (EM2021-0374)
3. Certification of Installation of Enhanced Control Measures at LA-SMA-5.2 (EM2021-0375)
4. Certification of Installation of Enhanced Control Measures at PT-SMA-2 (EM2021-0376)
5. Certification of Installation of Enhanced Control Measures at STRM-SMA-1.5 (EM2021-0377)

cc (letter with hard-copy enclosure[s]):  
Susan Lucas Kamat, NMED-SWQB

cc (letter and enclosure[s] emailed):  
Carol Johnson, EPA Region 6, Dallas, TX  
Curry Jones, EPA Region 6, Dallas, TX  
Laurie King, EPA Region 6, Dallas, TX  
Brent Larsen, EPA Region 6, Dallas, TX  
Chris Catechis, NMED-DOE-OB/-RPD

Steve Yanicak, NMED-DOE-OB  
Jennifer Payne, LANL  
Peter Maggiore, NA-LA  
M. Lee Bishop, EM-LA  
Arturo Duran, EM-LA  
John Evans, EM-LA  
Stephen Hoffman, EM-LA  
David Nickless, EM-LA  
Cheryl Rodriguez, EM-LA  
Felicia Aguilar, N3B  
William Alexander, N3B  
Sharon Brady, N3B  
Don Carlson, N3B  
Emily Day, N3B  
Thomas Harrison, N3B  
Debby Holgerson, N3B  
Jeff Holland, N3B  
Audrey Krehlik, N3B  
Kim Lebak, N3B  
Joseph Legare, N3B  
Dana Lindsay, N3B  
Pamela Maestas, N3B  
Jason Moore, N3B  
Joseph Murdock, N3B  
Joseph Noll, N3B  
Gerald O’Leary III, N3B  
Karly Rodriguez, N3B  
Troy Thomson, N3B  
Steve Veenis, N3B  
Tashia Vigil, N3B  
Amanda White, N3B  
[emla.docs@em.doe.gov](mailto:emla.docs@em.doe.gov)  
[n3brecords@em-la.doe.gov](mailto:n3brecords@em-la.doe.gov)  
Public Reading Room (EPRR)  
PRS website

## Pamela T. Maestas

---

**From:** Johnson, Carol <johnson.carol@epa.gov>  
**Sent:** Friday, July 16, 2021 8:01 AM  
**To:** William Alexander; Herrera, Esteban  
**Cc:** Emily M. Day; Regulatory Documentation; cheryl.rodriguez@em.doe.gov; Karly B. Rodriguez; Audrey Krehlik; Jones, Curry; Larsen, Brent; Amanda B. White  
**Subject:** RE: Submittal to EPA on 7/15/21 Cert Install 5 SMAs

Thank you Mr. Alexander; your submittal was received. Going forward you may send any future stormwater related correspondence directly to me.

Sincerely,

## Carol Johnson

Enforcement and Compliance Assurance Division  
US Environmental Protection Agency  
1201 Elm St., Suite 500 (6 ECD-WR)  
Dallas, TX 75270  
[johnson.carol@epa.gov](mailto:johnson.carol@epa.gov)

---

**From:** William Alexander <William.Alexander@em-la.doe.gov>  
**Sent:** Thursday, July 15, 2021 1:52 PM  
**To:** Herrera, Esteban <Herrera.Esteban@epa.gov>  
**Cc:** Emily M. Day <Emily.Day@em-la.doe.gov>; Regulatory Documentation <RegDocs@EM-LA.DOE.GOV>; cheryl.rodriguez@em.doe.gov; Karly B. Rodriguez <Karly.Rodriguez@EM-LA.DOE.GOV>; Audrey Krehlik <Audrey.Krehlik@EM-LA.DOE.GOV>; Johnson, Carol <johnson.carol@epa.gov>; Jones, Curry <jones.curry@epa.gov>; Larsen, Brent <Larsen.Brent@epa.gov>; Amanda B. White <Amanda.White@em-la.doe.gov>  
**Subject:** Submittal to EPA on 7/15/21 Cert Install 5 SMAs

Mr. Herrera,

Attached for submittal is a PDF of the following:

- **Certification of Installation of Enhanced Control Measures for 3M-SMA-0.2, CDV-SMA-2.42, LA-SMA-5.2, PT-SMA-2, and STRM-SMA-1.5 (N3B-2021-0196)**

Please acknowledge receipt of this submittal by responding to this email.  
Let me know if you have any questions.

Thanks,  
William Alexander  
Newport News Nuclear BWXT-Los Alamos "N3B"  
RCRA Remediation Regulatory Documentation  
Writer/Editor/Compositor/Database Admin  
TA-00, Building 1237, Room 109  
Phone: (505)551-2494 (cell)  
Phone: (505)257-7449 (Desk)



E-Mail: [william.alexander@em-la.doe.gov](mailto:william.alexander@em-la.doe.gov)

**Certification of Installation of Enhanced Control  
Measures at 3M-SMA-0.2**

**July 15, 2021**

**NPDES PERMIT NO. NM0030759**

**EM2021-0373**



NPDES PERMIT NO. NM0030759

EM2021-0373

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF ENHANCED CONTROL MEASURES**

**PF: H001**

**3M-SMA-0.2**

**Site: 15-010(b)**

The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1(c), which requires the Permittees (U.S. Department of Energy and Newport News Nuclear BWXT-Los Alamos, LLC) 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."



Troy Thomson, Acting Program Manager  
Environmental Remediation  
Newport News Nuclear BWXT-Los Alamos, LLC

6/29/21

Date

**M Lee  
Bishop for**

Digitally signed by M Lee  
Bishop for  
Date: 2021.07.14  
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M. Lee Bishop, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office

Date



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

**PF: H001****3M-SMA-0.2****Site: 15-010(b)**

In August 2018, analytical results received from extended baseline monitoring at Site Monitoring Area (SMA) 3M-SMA-0.2 yielded target action level (TAL) exceedances for copper, gross alpha, and mercury, prompting the Permittees to initiate corrective action.

In accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (the Permit) Part I.E.1(c), the design, installation, and documentation of enhanced control measures reasonably expected to achieve compliance with TALs identified in the Permit for all Sites within the identified SMA drainage area have been completed. Included in this document is a photo (listed in Table 1 and shown on page 2) and a map (Figure 1) of the enhanced control measure to be certified.

**Table 1  
Enhanced Control Measure Description**

<b>Photo ID</b>	<b>BMP* ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>
1. JPG	H00103010010	Berm	Earthen Berm

\* BMP = Best management practice.

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: H001

3M-SMA-0.2

Site: 15-010(b)

Photo:



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	H00103010010	Berm	Earthen Berm	Looking northwest



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: H001

3M-SMA-0.2

Site: 15-010(b)

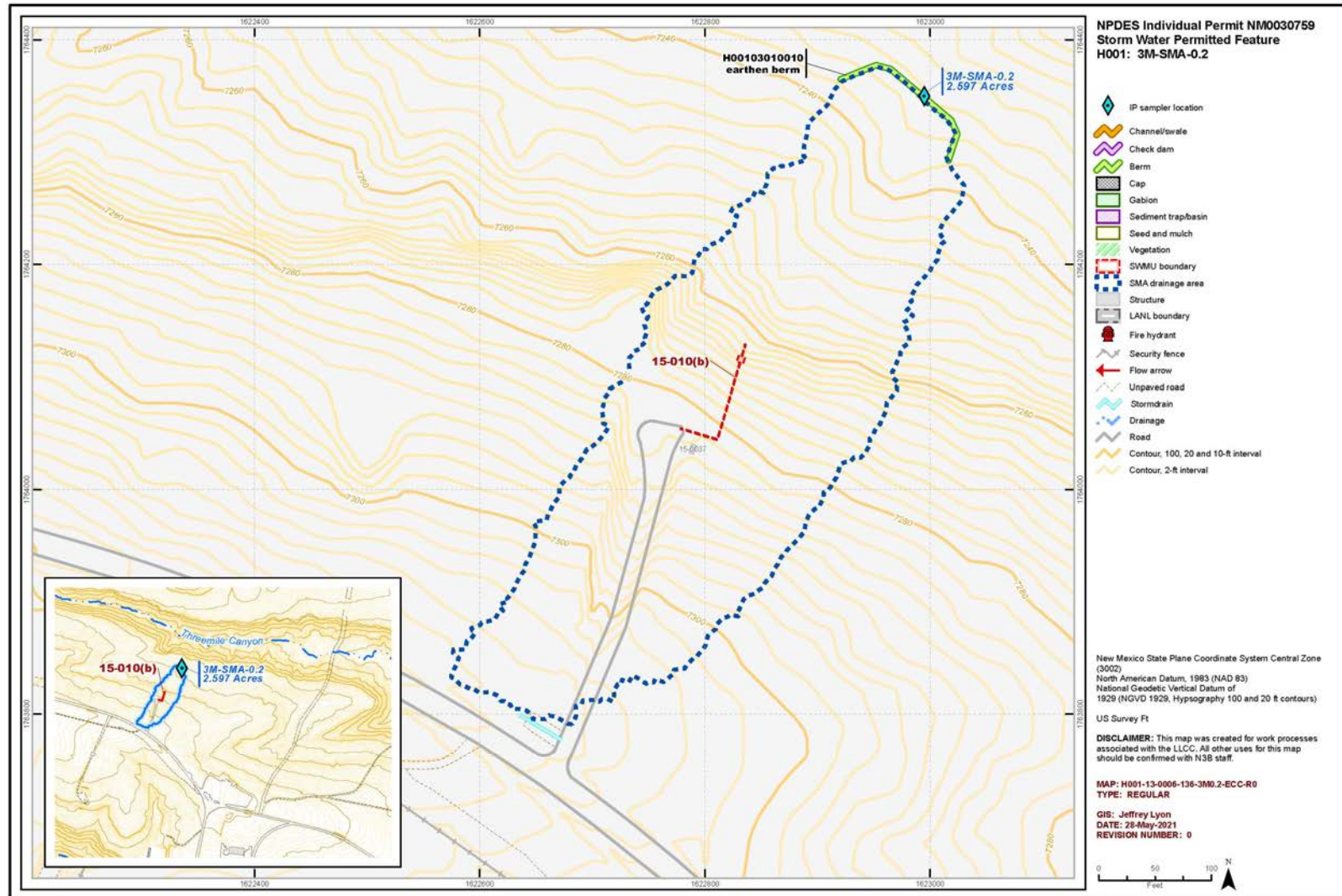


Figure 1 3M-SMA-0.2 enhanced control measure



**Certification of Installation of Enhanced Control  
Measures at CDV-SMA-2.42**

**July 15, 2021**

**NPDES PERMIT NO. NM0030759**

**EM2021-0374**



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: V008A****CDV-SMA-2.42****Site: 16-010(b)**

The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1(c), which requires the Permittees (U.S. Department of Energy and Newport News Nuclear BWXT-Los Alamos, LLC) 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."



Troy Thomson Acting Program Manager  
Environmental Remediation  
Newport News Nuclear BWXT-Los Alamos, LLC

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6/29/21

Date

**M Lee  
Bishop for**

Digitally signed by M Lee  
Bishop for  
Date: 2021.07.14  
09:46:43 -06'00'

M. Lee Bishop, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office

---

Date



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

**PF: V008A****CDV-SMA-2.42****Site: 16-010(b)**

In July and November 2017, analytical results received from corrective action monitoring at Site Monitoring Area (SMA) CDV-SMA-2.42 yielded target action level (TAL) exceedances for aluminum, copper, gross alpha, and total polychlorinated biphenyls (PCBs), prompting the Permittees to initiate a second round of corrective action.

In accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (the Permit) Part I.E.1(c), the design, installation, and documentation of enhanced control measures reasonably expected to achieve compliance with TALs identified in the Permit for all Sites within the identified SMA drainage area have been completed. Included in this document is a photo (listed in Table 1 and shown on page 2) and a map (Figure 1) of the enhanced control measure to be certified.

**Table 1  
Enhanced Control Measure Descriptions**

<b>Photo ID</b>	<b>BMP<sup>a</sup> ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>
1. JPG	V008A08050026	Cap	HDPE <sup>b</sup> Cap

<sup>a</sup> BMP = Best management practice.

<sup>b</sup> HDPE = High-density polyethylene.

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: V008A

CDV-SMA-2.42

Site: 16-010(b)

Photo:



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	V008A08050026	Cap	HDPE Cap	Looking east



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: V008A

CDV-SMA-2.42

Site: 16-010(b)

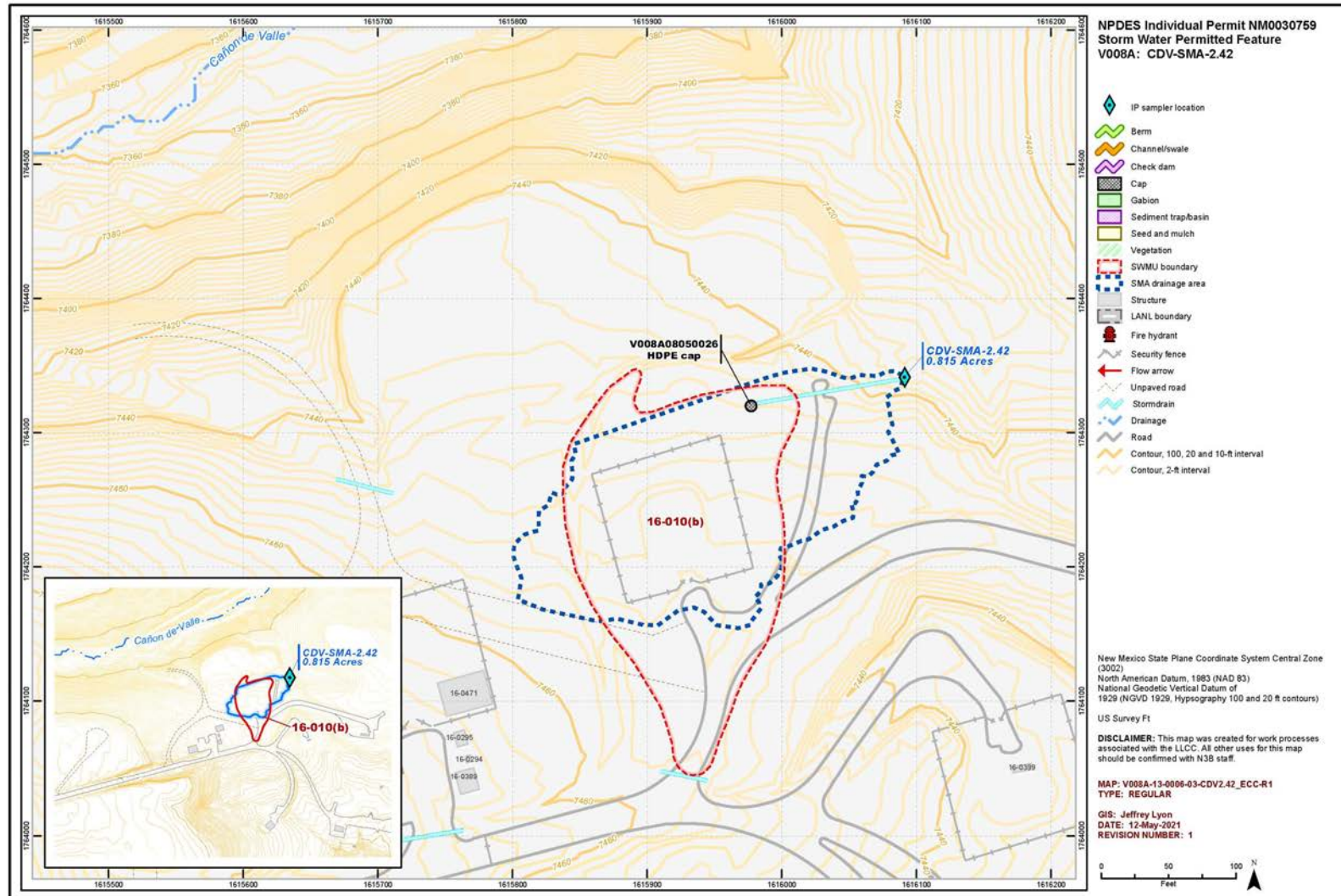


Figure 1 CDV-SMA-2.42 enhanced control measure

**Certification of Installation of Enhanced Control  
Measures at LA-SMA-5.2**

**July 15, 2021**

**NPDES PERMIT NO. NM0030759**

**EM2021-0375**





NPDES PERMIT NO. NM0030759

EM2021-0375

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF ENHANCED CONTROL MEASURES**

**PF: L013**

**LA-SMA-5.2**

**Sites: 01-003(d)**

The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1(c), which requires the Permittees (U.S. Department of Energy and Newport News Nuclear BWXT-Los Alamos, LLC) 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."



Troy Thomson, Acting Program Manager  
Environmental Remediation  
Newport News Nuclear BWXT-Los Alamos, LLC

6/29/21

Date

**M Lee  
Bishop for**

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Bishop for  
Date: 2021.07.14  
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M. Lee Bishop, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office

Date



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

**PF: L013****LA-SMA-5.2****Site: 01-003(d)**

In September 2019, analytical results received from extended baseline monitoring at Site Monitoring Area (SMA) LA-SMA-5.2 yielded target action level (TAL) exceedances for arsenic, gross alpha, radium-226 and radium-228, selenium, and zinc, prompting the Permittees to initiate corrective action.

In accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (the Permit) Part I.E.1(c), the design, installation, and documentation of enhanced control measures reasonably expected to achieve compliance with TALs identified in the Permit for all Sites within the identified SMA drainage area have been completed. Included in this document are photos (listed in Table 1 and shown on pages 2 through 5) and a map (Figure 1) of the enhanced control measures to be certified.

A debris cleanup was also conducted at LA-SMA-5.2. Metal debris weighing a total of 1080 lb was removed from the hill slope above the sampler on April 21 and 22, 2021, and was taken to the Los Alamos County Eco Station for recycling. The majority of the debris were empty paint cans originating from SWMU 01-003(d), or "Can Dump Site," a surface disposal area used by the Zia Company up to the mid-to-late 1950s. This cleanup removed potential sources of contaminants from the sampler watershed and properly disposed of historical debris.

**Table 1  
Enhanced Control Measure Descriptions**

Photo ID	BMP* ID	Type of Control Measure	Control Measure
1. JPG	L01303140008	Berm	Coir Log
2. JPG	L01306020009	Check Dam	Log Check Dam
3. JPG	L01306020010	Check Dam	Log Check Dam
4. JPG	L01304060011	Channel/Swale	Rip Rap

\*BMP = Best management practice.

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: L013

LA-SMA-5.2

Site: 01-003(d)

Photos:



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	L01303140008	Berm	Coir Log	Looking west



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: L013

LA-SMA-5.2

Site: 01-003(d)



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	L01306020009	Check Dam	Log Check Dam	Looking north, L01306020010 is visible in the background



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: L013

LA-SMA-5.2

Site: 01-003(d)



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	L01306020010	Check Dam	Log Check Dam	Looking north



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: L013

LA-SMA-5.2

Site: 01-003(d)



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
4. JPG	L01304060011	Channel/Swale	Rip Rap	Looking north



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: L013

LA-SMA-5.2

Site: 01-003(d)

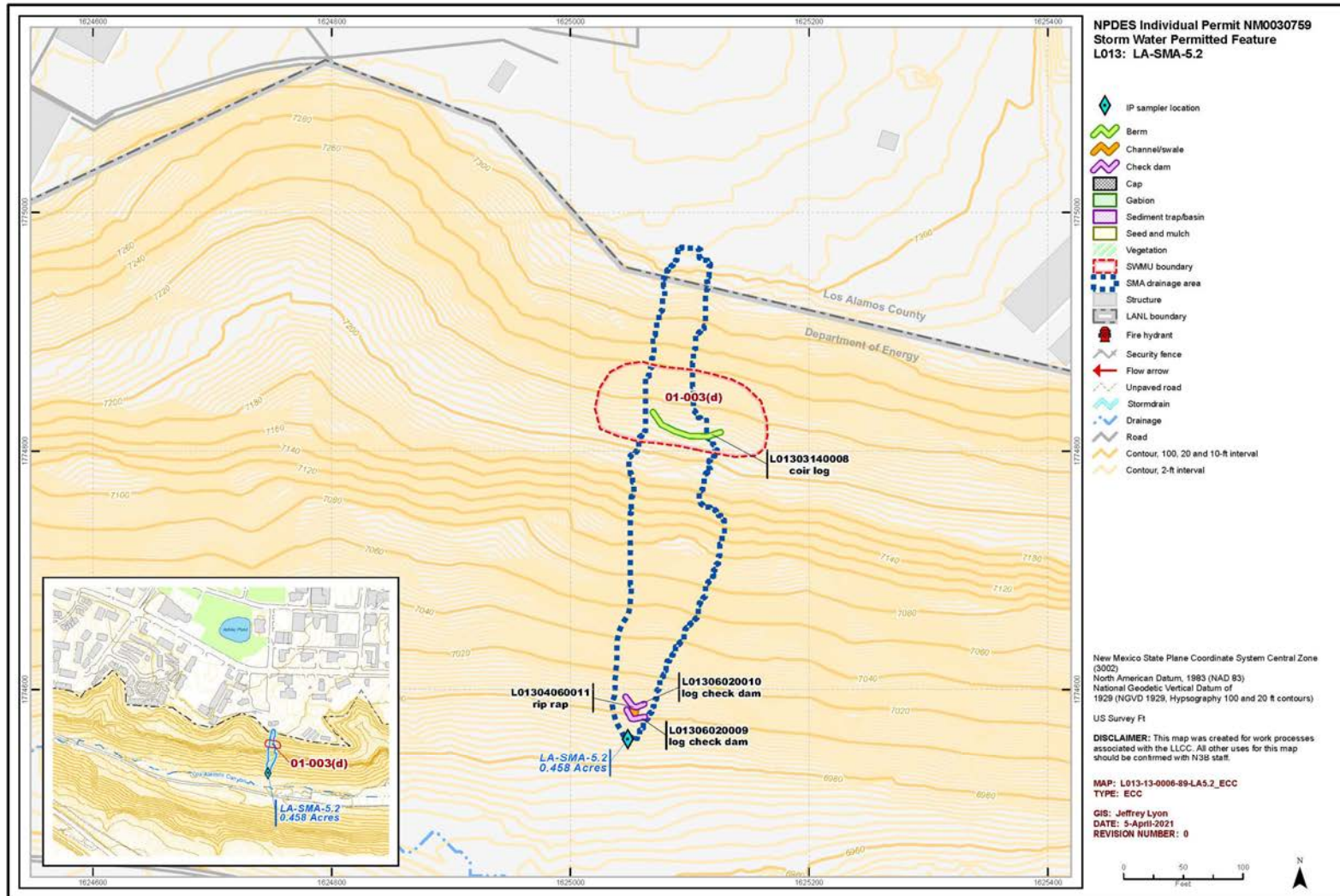


Figure 1 LA-SMA-5.2 enhanced control measures

# **Certification of Installation of Enhanced Control Measures at PT-SMA-2**

**July 15, 2021**

**NPDES PERMIT NO. NM0030759**

**EM2021-0376**



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: I004****PT-SMA-2****Sites: 15-008(f)****36-003(b)****36-004(e)**

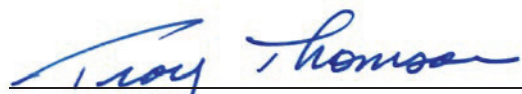
The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1(c), which requires the Permittees (U.S. Department of Energy and Newport News Nuclear BWXT-Los Alamos, LLC) to certify the completion of the installation of control measures within 30 days of completion 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."



Troy Thomson, Acting Program Manager  
Environmental Remediation  
Newport News Nuclear BWXT-Los Alamos, LLC

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6/29/21

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Date

**M Lee  
Bishop for**

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Bishop for  
Date: 2021.07.14  
09:47:17 -06'00'

M. Lee Bishop, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office

---

Date



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

**PF: I004****PT-SMA-2****Sites: 15-008(f)****36-003(b)****36-004(e)**

In August and November 2019, analytical results received from corrective action monitoring at Site Monitoring Area (SMA) PT-SMA-2 yielded target action level (TAL) exceedances for copper and gross alpha, prompting the Permittees to initiate a second round of corrective action.

In accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (the Permit) Part I.E.1(c), the design, installation, and documentation of enhanced control measures reasonably expected to achieve compliance with TALs identified in the Permit for all Sites within the identified SMA drainage area have been completed. Included in this document are photos (listed in Table 1 and shown on pages 2 through 6) and a map (Figure 1) of the enhanced control measures to be certified.

**Table 1  
Enhanced Control Measure Descriptions**

<b>Photo ID</b>	<b>BMP* ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>
1. JPG	I00403140026	Berm	Coir Log
2. JPG	I00403140027	Berm	Coir Log
3. JPG	I00403140028	Berm	Coir Log
4. JPG	I00403140029	Berm	Coir Log
5. JPG	I00403200030	Berm	Compost Log

\* BMP = Best management practice.



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: I004

PT-SMA-2

Sites: 15-008(f)  
36-003(b)  
36-004(e)

Photos:



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	I00403140026	Berm	Coir Log	Looking north



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: I004

PT-SMA-2

Sites: 15-008(f)  
36-003(b)  
36-004(e)



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	I00403140027	Berm	Coir Log	Looking northwest



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: I004

PT-SMA-2

Sites: 15-008(f)  
36-003(b)  
36-004(e)



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	I00403140028	Berm	Coir Log	Looking north



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: I004

PT-SMA-2

Sites: 15-008(f)  
36-003(b)  
36-004(e)



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
4. JPG	I00403140029	Berm	Coir Log	Looking east, Coir Log I00403140028 is visible in the foreground.



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: I004

PT-SMA-2

Sites: 15-008(f)  
36-003(b)  
36-004(e)



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
5. JPG	I00403200030	Berm	Compost Log	Looking south, Rock Check Dam I00406010025 is visible behind the log.



# NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION

PF: I004

PT-SMA-2

Sites: 15-008(f)  
36-003(b)  
36-004(e)

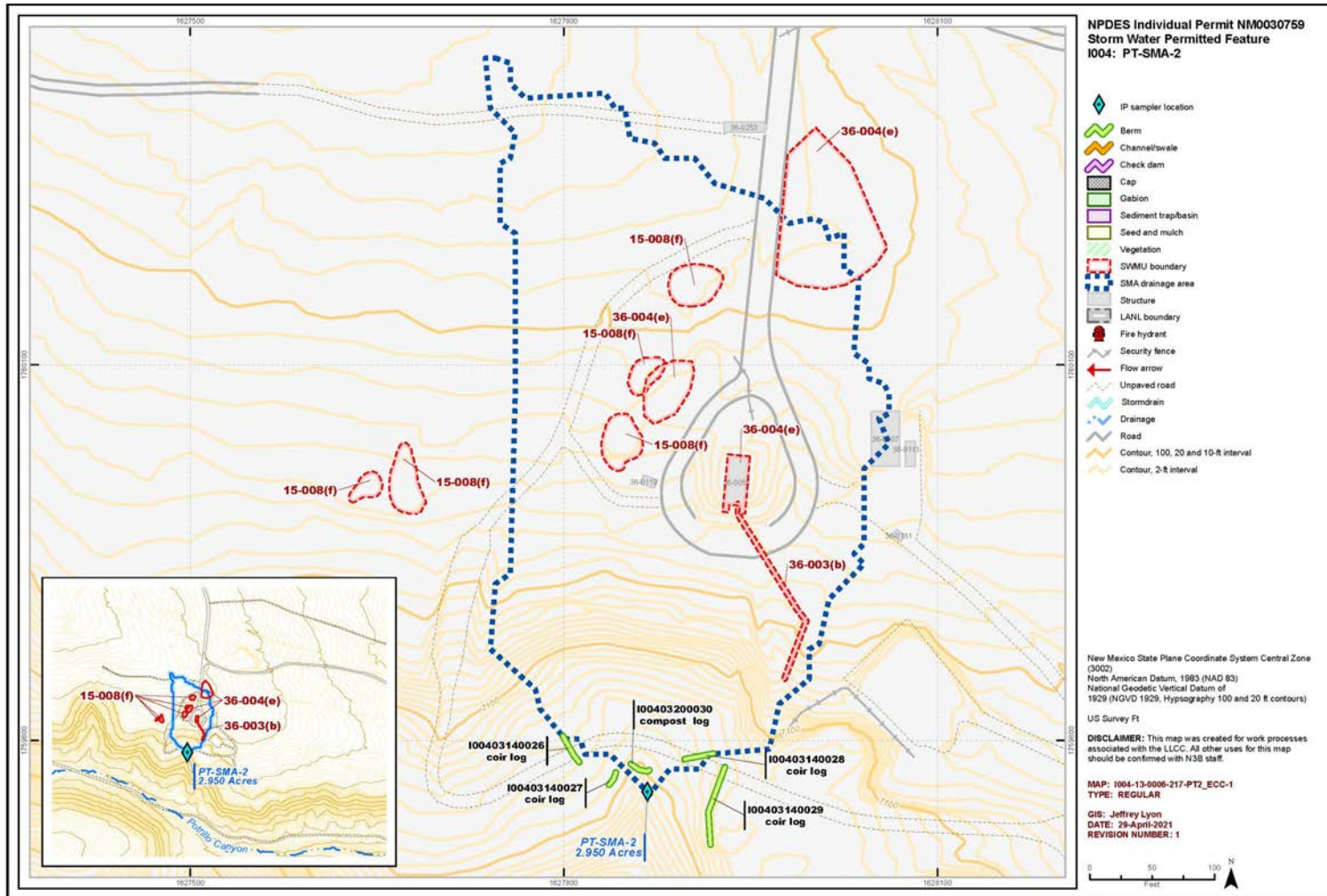


Figure 1 PT-SMA-2 enhanced control measures

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

**July 15, 2021**

**NPDES PERMIT NO. NM0030759**

**EM2021-0377**





NPDES PERMIT NO. NM0030759

EM2021-0377

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF ENHANCED CONTROL MEASURES**

**PF: J029**

**STRM-SMA-1.5**

**Site: 08-009(d)**

The following certification was performed in accordance with NPDES Permit No. NM0030759, Part I.E.1(c), which requires the Permittees (U.S. Department of Energy and Newport News Nuclear BWXT-Los Alamos, LLC) 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."



Troy Thomson Acting Program Manager  
Environmental Remediation  
Newport News Nuclear BWXT-Los Alamos, LLC

6/29/21

Date

**M Lee  
Bishop for**

Digitally signed by M Lee  
Bishop for  
Date: 2021.07.14  
09:47:37 -06'00'

M. Lee Bishop, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office

Date



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

**PF: J029****STRM-SMA-1.5****Site: 08-009(d)**

In October 2018, analytical results received from corrective action monitoring at Site Monitoring Area (SMA) STRM-SMA-1.5 yielded target action level (TAL) exceedances for silver and gross alpha, prompting the Permittees to initiate a third round of corrective action.

In accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (the Permit) Part I.E.1(c), the design, installation, and documentation of enhanced control measures reasonably expected to achieve compliance with TALs identified in the Permit for all Sites within the identified SMA drainage area have been completed. Included in this document is a photo (listed in Table 1 and shown on page 2) and a map (Figure 1) of the enhanced control measure to be certified.

**Table 1  
Enhanced Control Measure Description**

<b>Photo ID</b>	<b>BMP* ID</b>	<b>Type of Control Measure</b>	<b>Control Measure</b>
1. JPG	J02903010021	Berm	Earthen Berm

\* BMP = Best management practice.

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: J029

STRM-SMA-1.5

Site: 08-009(d)

Photos:



Photo ID	BMP ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	J02903010021	Berm	Earthen Berm	Looking southeast



**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC  
CERTIFICATION OF COMPLETION OF CORRECTIVE ACTION**

PF: J029

STRM-SMA-1.5

Site: 08-009(d)

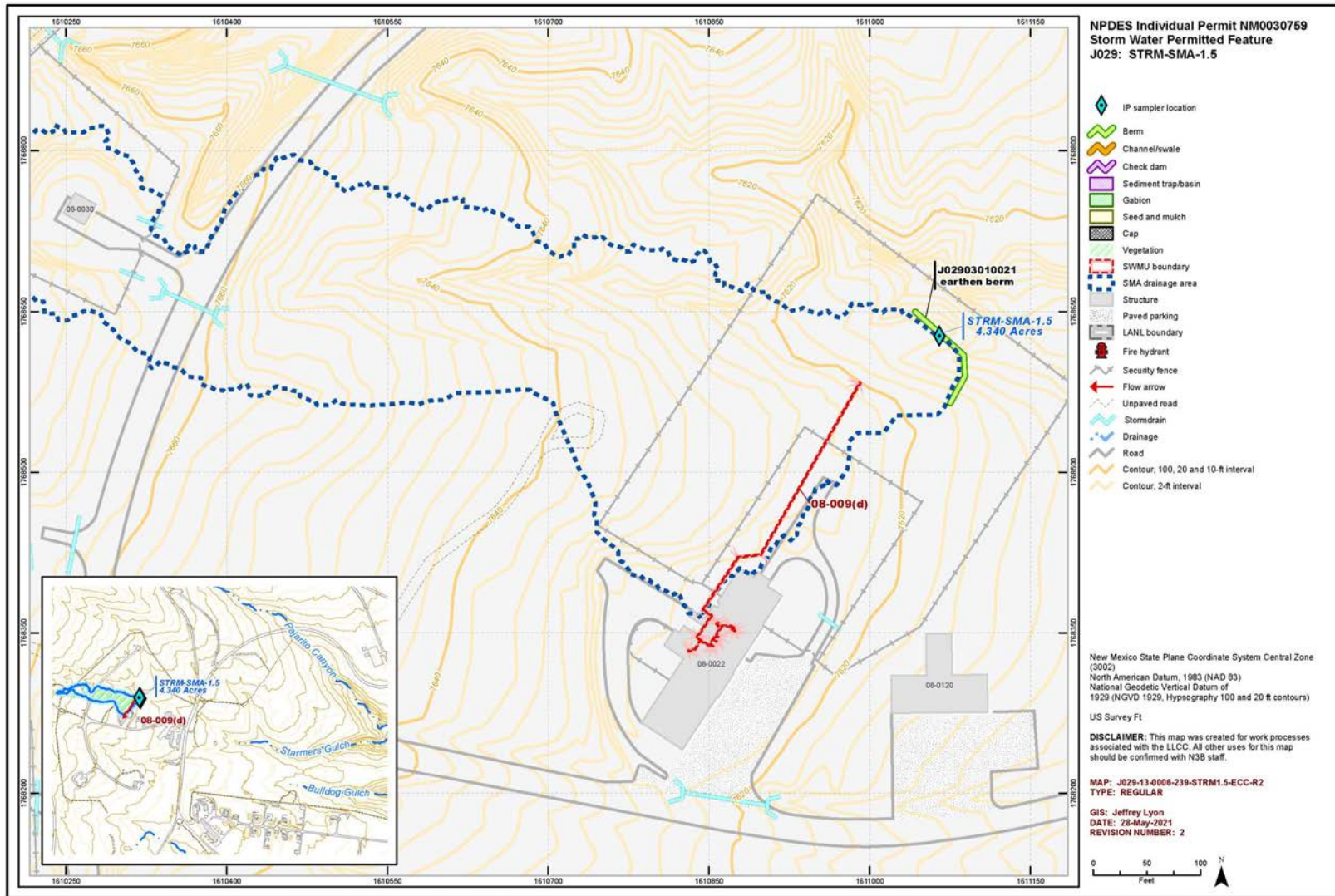


Figure 1 STRM-SMA-1.5 enhanced control measure