



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
 (240) 562-1122

Date: July 5, 2023
Refer To: N3B-2023-0186

Carol Johnson
 Enforcement and Compliance Assurance Division
 U.S. Environmental Protection Agency, Region 6
 1201 Elm Street, Suite 500 (6 ECD-WR)
 Dallas, Texas 75270-2102

Subject: NPDES Permit No. NM0030759 – Certification of Installation of Enhanced Control Measures for CDB-SMA-0.15, M-SMA-12, M-SMA-12.5, M-SMA-12.8, and M-SMA-13

Dear Ms. Johnson:

This letter and enclosures are being submitted in accordance with the requirements of the U.S. Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759, for discharges of storm water at Los Alamos National Laboratory. The permit was issued to Newport News Nuclear BWXT-Los Alamos, LLC (N3B) and the U.S. Department of Energy Environmental Management Los Alamos Field Office (EM-LA), effective August 1, 2022. As specified in Part I, Section D.1(a), "Installation of Enhanced Control Measures," states "Permittees shall certify completion of installation of control measures under this subpart to EPA, with a copy to NMED, within 30 days of completion of all such measures at the Site."

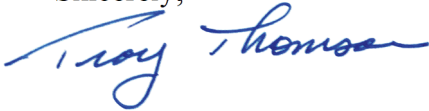
Accordingly, the documents for certification of enhanced control measures completed at CDB-SMA-0.15, M-SMA-12, M-SMA-12.5, M-SMA-12.8, and M-SMA-13 within the last 30 days are included as Enclosures 1 through 5, respectively. Table 1 identifies the permitted features, site monitoring areas (SMAs), and Sites applicable to the certification. The certification was signed in accordance with 40 Code of Federal Regulations 122.22(b), "Signatories to permit applications and reports," 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	Sites
C001	CDB-SMA-0.15	04-003(a) 04-004
M015	M-SMA-12	35-016(p)
M016	M-SMA-12.5	05-005(b) 05-006(c)
M019	M-SMA-12.8	05-001(a) 05-002
M022	M-SMA-13	05-001(c)

If you have any questions, please contact Christian Maupin at (505) 695-4281 (christian.maupin@em-la.doe.gov) or M. Lee Bishop at (505) 257-7902 (lee.bishop@em.doe.gov).

Sincerely,



Troy Thomson
Program Manager
Environmental Remediation
N3B-Los Alamos

Sincerely,



Digitally signed by BRIAN
HARCEK
Date: 2023.06.29 09:09:15 -06'00'

M. Lee Bishop, Director
For
Office of Quality and Regulatory Compliance
U.S. Department of Energy
Environmental Management
Los Alamos Field Office

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

1. Certification of Installation of Enhanced Control Measures at CDB-SMA-0.15 (EM2023-0386)
2. Certification of Installation of Enhanced Control Measures at M-SMA-12 (EM2023-0387)
3. Certification of Installation of Enhanced Control Measures at M-SMA-12.5 (EM2023-0388)
4. Certification of Installation of Enhanced Control Measures at M-SMA-12.8 (EM2023-0389)
5. Certification of Installation of Enhanced Control Measures at M-SMA-13 (EM2023-0390)

cc (letter with hard-copy enclosure[s]):
Shelly Lemon, NMED-SWQB

cc (letter and enclosure[s] emailed):
 Esteban Herrera, 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
 Jahan Nasim, EPA Region 6, Dallas, TX
 Steve Yanicak, NMED-DOE-OB
 Ricardo Maestas, NMED-HWB
 Rick Shean, NMED-HWB
 Levi Dean, NMED-SWQB
 Susan Lucas-Kamat, NMED-SWQB
 Stephen Hoffman, NA-LA
 Jennifer Payne, LANL
 Arturo Duran, EM-LA
 John Evans, EM-LA
 Michael Mikolanis, EM-LA
 Aubrey Pierce, EM-LA
 Cheryl Rodriguez, EM-LA
 William Alexander, N3B
 Tanner Bonham, N3B
 Robert Edwards, N3B
 Michael Erickson, N3B
 Audrey Krehlik, N3B
 Dana Lindsay, N3B
 Robert Macfarlane, N3B
 Christian Maupin, N3B
 Karly Rodriguez, N3B
 Vince Rodriguez, N3B
 Bradley Smith, N3B
 Shannon Smith, N3B
 Jeff Stevens, N3B
 Troy Thomson, N3B
 Grayson Vogel, N3B
 Jennifer von Rohr, N3B
 Amanda White, N3B
 emla.docs@em.doe.gov
 n3brecords@em-la.doe.gov
 Public Reading Room (EPRR)
 PRS website

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Dallas, TX 75270	
Certified Mail Fee	\$4.15
Extra Services & Fees (check box, add fee as appropriate)	\$3.35
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$3.66
Total Postage and Fees	\$11.16
Sent To Carol Johnson ECAD U.S. EPA - R6 6-EP-WB Street and Apt. No., or PO Box No. 1201 Elm Street, Suite 500 City, State, ZIP+4® Dallas, TX 75270-2102	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

**Certification of Installation of
Enhanced Control Measures at CDB-SMA-0.15**

July 5, 2023

NPDES PERMIT NO. NM0030759

EM2023-0386

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

PF: C001

CDB-SMA-0.15

Sites: 04-003(a)
04-004

The following certification was performed in accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759, Part I.D.1(a), 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.

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."



Amanda White, Senior Manager,
Water Program
Tech2Solutions

6/22/23

Date



Michael Erickson, Director
Water Program
Newport News Nuclear BWXT-Los Alamos, LLC

6/20/23

Date



Digitally signed by BRIAN
HARCEK
Date: 2023.06.29 09:09:36 -06'00'

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

For

Date

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: C001****CDB-SMA-0.15****Sites: 04-003(a)
04-004**

In August 2015, analytical results received from corrective action monitoring at Site Monitoring Area (SMA) CDB-SMA-0.15 yielded target action level (TAL) exceedances for aluminum and copper. The Permittees submitted a request for alternative compliance for the Sites per 2010 Permit Part I.E.3 in February 2016. No response was received from the U.S. Environmental Protection Agency. Upon issuance of the 2022 Permit, the SMA was reviewed as part of the 2022 Sampling Implementation Plan and screened into corrective action for copper. Filtered aluminum exceeded the TAL but not the background threshold value in the 2015 sample, thus corrective action is not required per the 2022 Permit Part I.C.2(b).

In accordance with NPDES Permit No. NM0030759 (the Permit) Part I.D.1(a), 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 and 3) and a map (Figure 1) of the enhanced control measures to be certified.

Table 1
Enhanced Control Measure Descriptions

Photo ID	Control Measure ID	Type of Control Measure	Control Measure
1. JPG	C00103140022	Berm	Coir Log
1. JPG	C00103140023	Berm	Coir Log
2. JPG	C00103040024	Berm	Asphalt Berm

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

PF: C001

CDB-SMA-0.15

Sites: 04-003(a)
04-004**Photos:**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	C00103140022	Berm	Coir Log	Looking northwest
1. JPG	C00103140023	Berm	Coir Log	Looking northwest

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

PF: C001

CDB-SMA-0.15

Sites: 04-003(a)
04-004

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	C00103040024	Berm	Asphalt Berm	Looking northeast

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

PF: C001

CDB-SMA-0.15

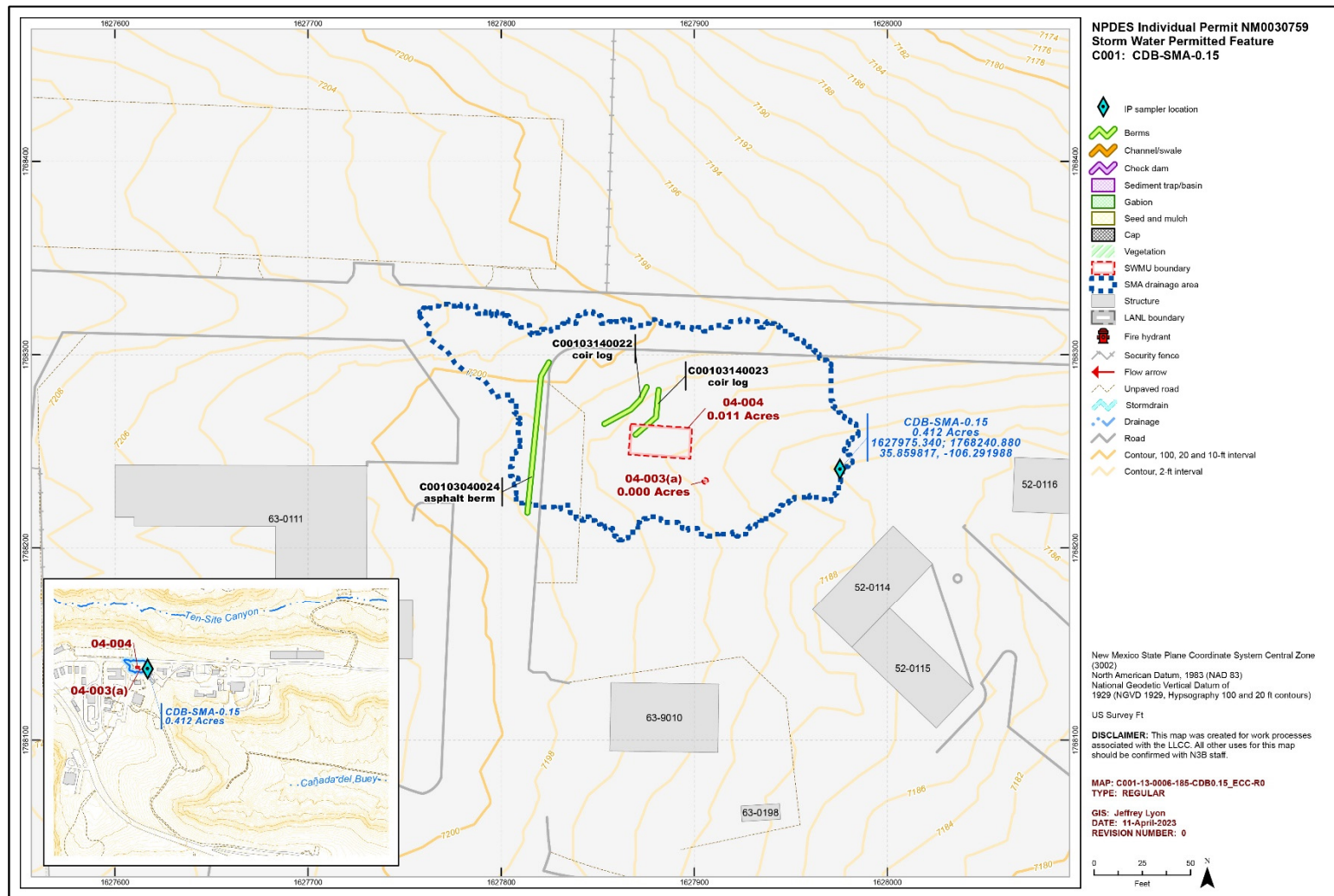
 Site: 04-003(a)
04-004


Figure 1 CDB-SMA-0.15 enhanced control measures

**Certification of Installation of
Enhanced Control Measures at M-SMA-12**

July 5, 2023

NPDES PERMIT NO. NM0030759

EM2023-0387

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M015****M-SMA-12****Sites: 35-016(p)**

The following certification was performed in accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759, Part I.D.1(a), 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.

CERTIFICATION STATEMENT OF AUTHORIZATION

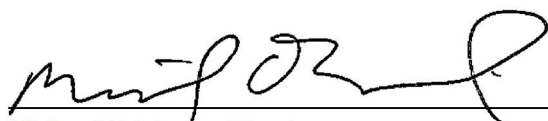
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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



Amanda White, Senior Manager,
Water Program
Tech2Solutions

6/22/23

Date



Michael Erickson, Director
Water Program
Newport News Nuclear BWXT-Los Alamos, LLC

6/20/23

Date



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Date: 2023.06.29 09:10:03 -06'00'

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

For

Date

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M015****M-SMA-12****Sites: 35-016(p)**

In August 2015, analytical results received from baseline monitoring at Site Monitoring Area (SMA) M-SMA-12 yielded target action level (TAL) exceedances for aluminum, copper, and total polychlorinated biphenyls (PCBs). Solid Waste Management Unit (SWMU) 35-016(p) received a certificate of completion under the Compliance Order on Consent from the New Mexico Environment Department in October 2015. The Permittees submitted a certification of completion of corrective action for the Site to the U.S. Environment Protection Agency per 2010 Permit Part I.E.2(d) in October 2015. Stormwater monitoring has not occurred since 2015. Upon issuance of the 2022 Permit, the SMA was reviewed as part of the 2022 Sampling Implementation Plan and screened into corrective action for aluminum. Copper exceeded the TAL but not the background threshold value in the 2015 sample, thus corrective action is not required per the 2022 Permit Part I.C.2(b). The total PCB result in the 2015 sample was re-screened against the 0.014-µg/L standard included in the 2022 Permit and no longer is considered a TAL exceedance.

In accordance with NPDES Permit No. NM0030759 (the Permit) Part I.D.1(a), 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 4) and a map (Figure 1) of the enhanced control measures to be certified.

Table 1
Enhanced Control Measure Descriptions

Photo ID	Control Measure ID	Type of Control Measure	Control Measure
1. JPG	M01503100011	Berm	Gravel Bag
2. JPG	M01503200012	Berm	Compost Log
3. JPG	M01503200013	Berm	Compost Log

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M015****M-SMA-12****Sites: 35-016(p)****Photos:**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	M01503100011	Berm	Gravel Bag	Looking east

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

PF: M015

M-SMA-12

Sites: 35-016(p)



Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	M01503200012	Berm	Compost Log	Looking northeast

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M015****M-SMA-12****Sites: 35-016(p)**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	M01503200013	Berm	Compost Log	Looking northeast

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

PF: M015

M-SMA-12

Site: 35-016(p)

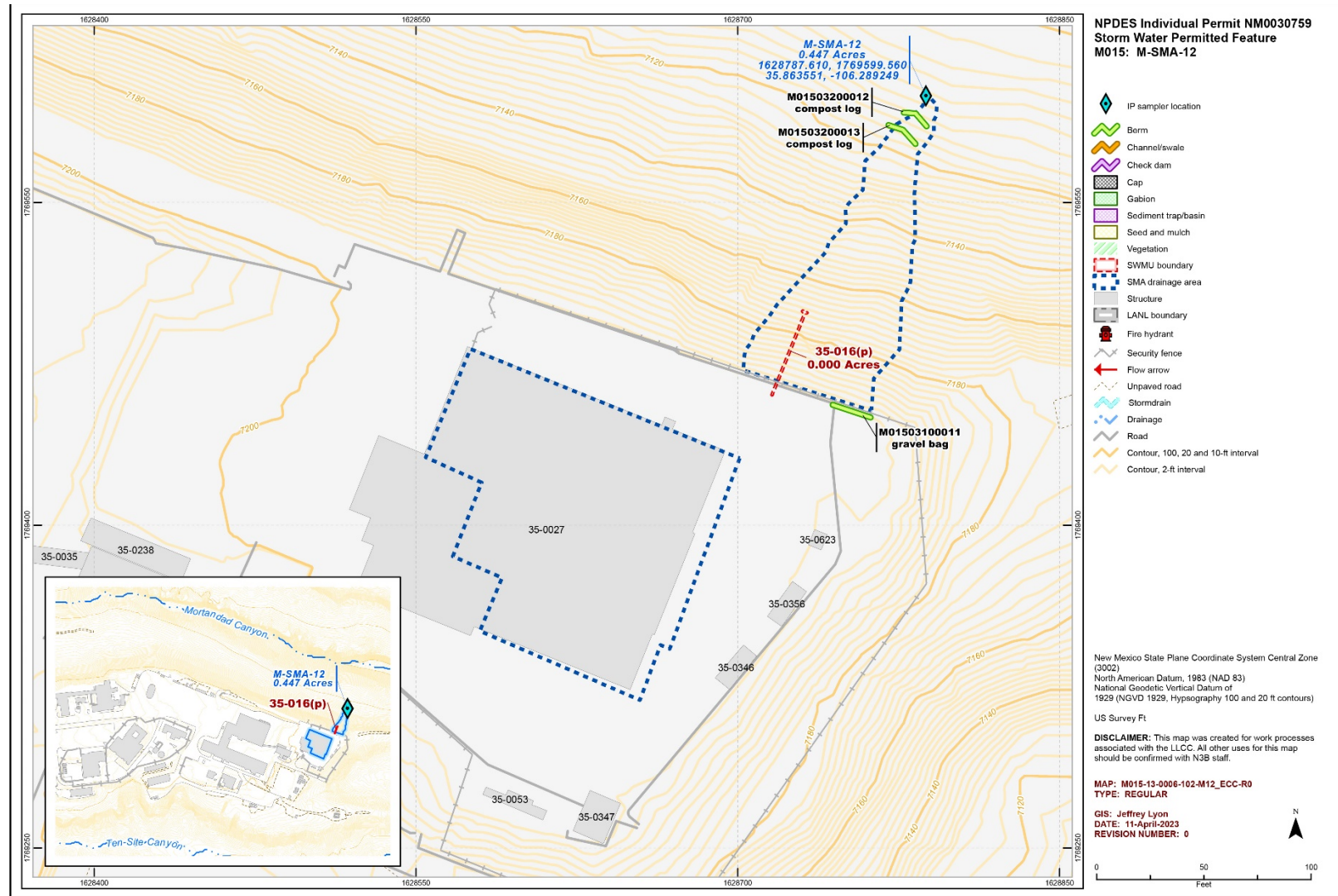


Figure 1 M-SMA-12 enhanced control measures

**Certification of Installation of
Enhanced Control Measures at M-SMA-12.5**

July 5, 2023

NPDES PERMIT NO. NM0030759

EM2023-0388

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M016****M-SMA-12.5****Sites: 05-005(b)
05-006(c)**

The following certification was performed in accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759, Part I.D.1(a), 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.

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."



Amanda White, Senior Manager,
Water Program
Tech2Solutions

6/22/23

Date



Michael Erickson, Director
Water Program
Newport News Nuclear BWXT-Los Alamos, LLC

6/20/23

Date



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Date: 2023.06.29 09:10:27 -06'00'

M. Lee Bishop, Director For
Office of Quality and Regulatory Compliance
U.S. Department of Energy
Environmental Management
Los Alamos Field Office

Date

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M016****M-SMA-12.5****Sites: 05-005(b)
05-006(c)**

In August 2019, analytical results received from baseline monitoring at Site Monitoring Area (SMA) M-SMA-12.5 yielded target action level (TAL) exceedances for aluminum, gross-alpha activity and selenium. Solid Waste Management Units (SWMUs) 05-005(b) and 05-006(c) received certificates of completion under the Compliance Order on Consent from the New Mexico Environment Department in May 2019. The Permittees submitted a certification of completion of corrective action for the Site to the U.S. Environmental Protection Agency per 2010 Permit Part I.E.2(d) in December 2019. Stormwater monitoring has not occurred since 2019. Upon issuance of the 2022 Permit, the SMA was reviewed as part of the 2022 Sampling Implementation Plan and screened into corrective action for selenium. Total aluminum and gross-alpha activity exceeded the TAL but not the background threshold value in the 2019 sample, thus corrective action is not required per the 2022 Permit Part 1.C.2(b).

In accordance with NPDES Permit No. NM0030759 (the Permit) Part I.D.1(a), 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

Photo ID	Control Measure ID	Type of Control Measure	Control Measure
1. JPG	M01606010014	Check Dam	Rock Check Dam
2. JPG	M01606010015	Check Dam	Rock Check Dam
3. JPG	M01603120016	Berm	Rock Berm
4. JPG	M01603140017	Berm	Coir Log
5. JPG	M01603140018	Berm	Coir Log

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M016****M-SMA-12.5****Sites: 05-005(b)
05-006(c)****Photos:**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	M01606010014	Check Dam	Rock Check Dam	Looking west

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

PF: M016

M-SMA-12.5

Sites: 05-005(b)
05-006(c)

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	M0160601015	Check Dam	Rock Check Dam	Looking north

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

PF: M016

M-SMA-12.5

Sites: 05-005(b)
05-006(c)

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	M01603120016	Berm	Rock Berm	Looking west

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

PF: M016

M-SMA-12.5

Sites: 05-005(b)
05-006(c)

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
4. JPG	M01603140017	Berm	Coir Log	Looking west

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

PF: M016

M-SMA-12.5

Sites: 05-005(b)
05-006(c)

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
5. JPG	M01603140018	Berm	Coir Log	Looking southwest

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

PF: M016

M-SMA-12.5

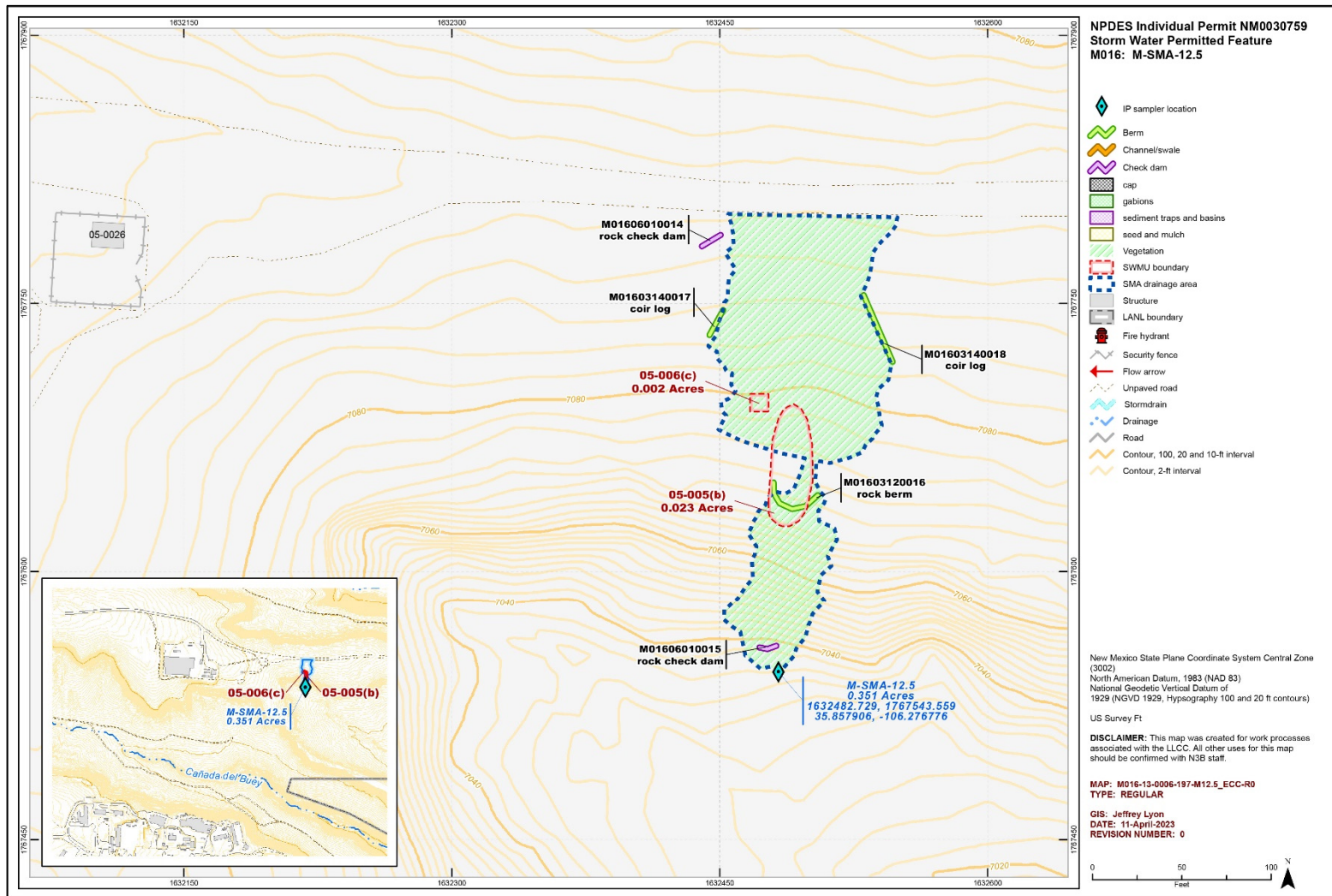
 Site: 05-005(b)
05-006(c)


Figure 1 M-SMA-12.5 enhanced control measures

**Certification of Installation of
Enhanced Control Measures at M-SMA-12.8**

July 5, 2023

NPDES PERMIT NO. NM0030759

EM2023-0389

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M019****M-SMA-12.8****Sites: 05-001(a)
05-002**

The following certification was performed in accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759, Part I.D.1(a), 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.

CERTIFICATION STATEMENT OF AUTHORIZATION

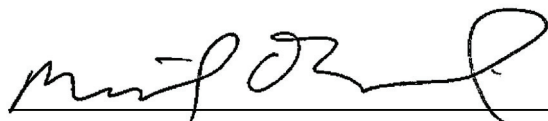
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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



Amanda White, Senior Manager,
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Tech2Solutions

6/22/23

Date



Michael Erickson, Director
Water Program
Newport News Nuclear BWXT-Los Alamos, LLC

6/20/23

Date



M. Lee, Director
Office of Quality and Regulatory Compliance
U.S. Department of Energy
Environmental Management
Los Alamos Field Office

Digitally signed by BRIAN HARCEK
Date: 2023.06.29 09:11:24 -06'00'

Date

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M019****M-SMA-12.8****Sites: 05-001(a)
05-002**

In August 2019, analytical results received from baseline monitoring at Site Monitoring Area (SMA) M-SMA-12.8 yielded target action level (TAL) exceedances for aluminum, copper, gross-alpha activity, and selenium. Solid Waste Management Units (SWMUs) 05-001(a) and 05-002 received certificates of completion under the Compliance Order on Consent from the New Mexico Environment Department in September 2015. The Permittees submitted a certification of completion of corrective action for the Sites to the U.S. Environmental Protection Agency per 2010 Permit Part I.E.2(d) in December 2019. Stormwater monitoring has not occurred since 2019. Upon issuance of the 2022 Permit, the SMA was reviewed as part of the 2022 Sampling Implementation Plan and screened into corrective action for copper. Total aluminum, gross-alpha activity, and selenium exceeded the TAL but not the background threshold value in the 2019 sample, thus corrective action is not required per the 2022 Permit Part I.C.2(b).

In accordance with NPDES Permit No. NM0030759 (the Permit) Part I.D.1(a), 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 page 2) and a map (Figure 1) of the enhanced control measures to be certified.

Table 1
Enhanced Control Measure Descriptions

Photo ID	Control Measure ID	Type of Control Measure	Control Measure
1. JPG	M01903140014	Berm	Coir Log

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M019****M-SMA-12.8****Sites: 05-001(a)
05-002****Photos:**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	M01903140014	Berm	Coir Log	Looking east

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

PF: M019

M-SMA-12.8

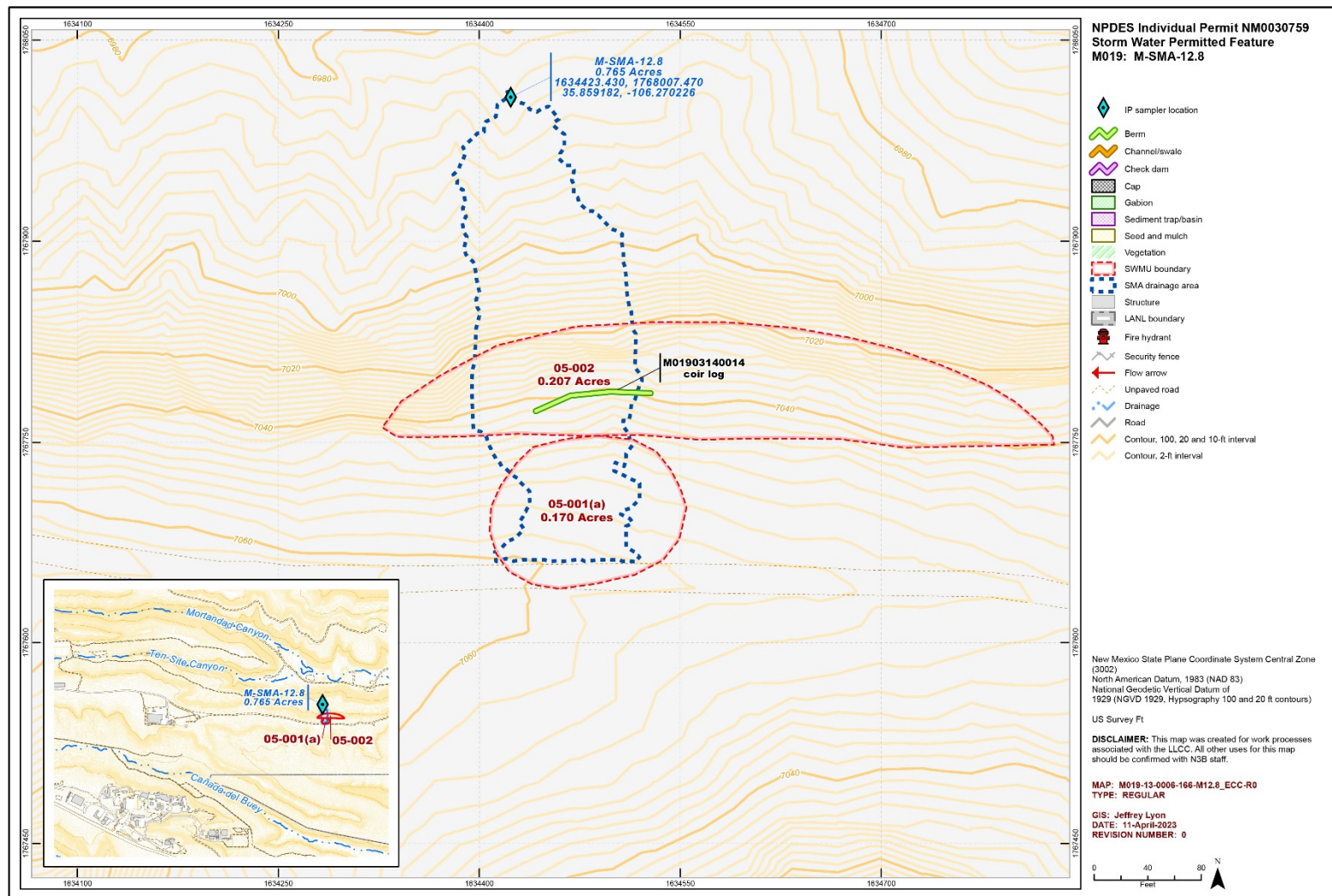
 Site: 05-001(a)
05-002


Figure 1 M-SMA-12.8 enhanced control measures

**Certification of Installation of
Enhanced Control Measures at M-SMA-13**

July 5, 2023

NPDES PERMIT NO. NM0030759

EM2023-0390

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M022****M-SMA-13****Sites: 05-001(c)**

The following certification was performed in accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759, Part I.D.1(a), 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.

CERTIFICATION STATEMENT OF AUTHORIZATION

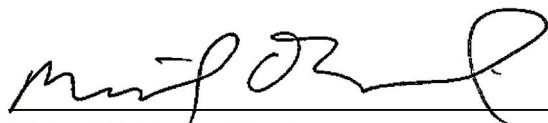
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Amanda White, Senior Manager,
Water Program
Tech2Solutions

6/22/23

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Michael Erickson, Director
Water Program
Newport News Nuclear BWXT-Los Alamos, LLC

6/20/23

Date



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

For

Date

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: M022****M-SMA-13****Sites: 05-001(c)**

In August 2021, analytical results received from baseline monitoring at Site Monitoring Area (SMA) M-SMA-13 yielded target action level (TAL) exceedances for aluminum and copper. Area of Concern (AOC) 05-001(c) received a certificate of completion under the Compliance Order on Consent from the New Mexico Environment Department in September 2015. The Permittees submitted a certification of completion of corrective action for the Site to the U.S. Environmental Protection Agency per 2010 Permit Part I.E.2(d) in December 2021. Stormwater monitoring has not occurred since 2021. Upon issuance of the 2022 Permit, the SMA was reviewed as part of the 2022 Sampling Implementation Plan and screened into corrective action for copper. Total aluminum exceeded the TAL but not the background threshold value in the 2021 sample, thus corrective action is not required per the 2022 Permit Part I.C.2.(b).

In accordance with NPDES Permit No. NM0030759 (the Permit) Part I.D.1(a), 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 4) and a map (Figure 1) of the enhanced control measures to be certified.

Table 1
Enhanced Control Measure Descriptions

Photo ID	Control Measure ID	Type of Control Measure	Control Measure
1. JPG	M02203140020	Berm	Coir Log
2. JPG	M02203200021	Berm	Compost Log
3. JPG	M02203200022	Berm	Compost Log

NPDES PERMIT NO. NM0030759

EM2023-0390

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CERTIFICATION OF ENHANCED CONTROL MEASURES**

PF: M022

M-SMA-13

Sites: 05-001(c)

Photos:



Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	M02203140020	Berm	Coir Log	Looking east

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Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	M02203200021	Berm	Compost Log	Looking northwest

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Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	M02203200022	Berm	Compost Log	Looking northwest

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M-SMA-13

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