



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: September 7, 2022
Refer To: N3B-2022-0314

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 W-SMA-11.7

Dear Ms. Johnson:

This letter and enclosure 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 stormwater 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, effective August 1, 2022. As specified in Part I, Section D.1(a), “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 document for certification of enhanced control measures completed at W-SMA-11.7 within the last 30 days is included as Enclosure 1. Table 1 identifies the permitted feature, site monitoring area (SMA), and Site 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	Sites
W019	W-SMA-11.7	49-008(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 (702) 218-4460 (lee.bishop@em.doe.gov).

Sincerely,



Troy Thomson
Program Manager
Environment Remediation
N3B-Los Alamos

Sincerely,

M Lee Bishop

Digitally signed by M Lee
Bishop
Date: 2022.09.07 09:04:02
-06'00'

M. Lee Bishop, Director
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 W-SMA-11.7 (EM2022-0570)

cc (letter with hard-copy enclosure[s]):

Susan Lucas-Kamat, NMED-SWQB

cc (letter and enclosure[s] emailed):

Ruben Alayon-Gonzalez, EPA Region 6, Dallas, TX

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

Steve Yanicak, NMED-DOE-OB

Chris Catechis, NMED-RPD

Stephen Hoffman, NA-LA

Jennifer Payne, LANL

M. Lee Bishop, EM-LA

Arturo Duran, EM-LA

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Ryan Flynn, N3B

Thomas Harrison, N3B

Debby Holgerson, N3B

Audrey Krehlik, N3B

Kim Lebak, N3B

Joseph Legare, N3B

Dana Lindsay, N3B

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Carol Johnson Enforcement and Compliance Assurance
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1201 Elm Street, suite 500 (6 ECD-WR)
City, State, ZIP+4®
Dallas, Texas 75270-2102

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Pamela Maestas, N3B
Christian Maupin, N3B
Robert Macfarlane, N3B
Karly Rodriguez, N3B
Joseph Sena, N3B
Troy Thomson, N3B
Tashia Vigil, N3B
Amanda White, N3B
emla.docs@em.doe.gov
n3brecords@em-la.doe.gov
Public Reading Room (EPRR)
PRS website

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

September 7, 2022

NPDES PERMIT NO. NM0030759

EM2022-0570

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: W019****W-SMA-11.7****Site: 49-008(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."



Ryan Flynn, Water Program Director
Environmental Remediation
Newport News Nuclear BWXT-Los Alamos, LLC

8/25/22

Date

M Lee Bishop

Digitally signed by M Lee Bishop
Date: 2022.09.07 09:06:55
-06'00'

M. Lee Bishop, Director
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: W019****W-SMA-11.7****Site: 49-008(c)**

In October 2013 and October 2021, analytical results received from corrective action monitoring at Site Monitoring Area (SMA) W-SMA-11.7 yielded target action level (TAL) exceedances for aluminum and gross alpha, prompting the initiation of a second round of corrective action.

In accordance with NPDES Permit No. NM0030759 (the Permit) Part I.D.1, 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 2–3) 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	W01903160053	Berm	Wood Chip Wattle
2. JPG	W01903160054	Berm	Wood Chip Wattle
3. JPG	W01903160055	Berm	Wood Chip Wattle

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF ENHANCED CONTROL MEASURES****PF: W019****W-SMA-11.7****Site: 49-008(c)****Photos:**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	W01903160053	Berm	Wood Chip Wattle	Looking northwest

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

PF: W019

W-SMA-11.7

Site: 49-008(c)



Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	W01903160054	Berm	Wood Chip Wattle	Looking northwest

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

PF: W019

W-SMA-11.7

Site: 49-008(c)



Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	W01903160055	Berm	Wood Chip Wattle	Looking northwest

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

PF: W019

W-SMA-11.7

Site: 49-008(c)

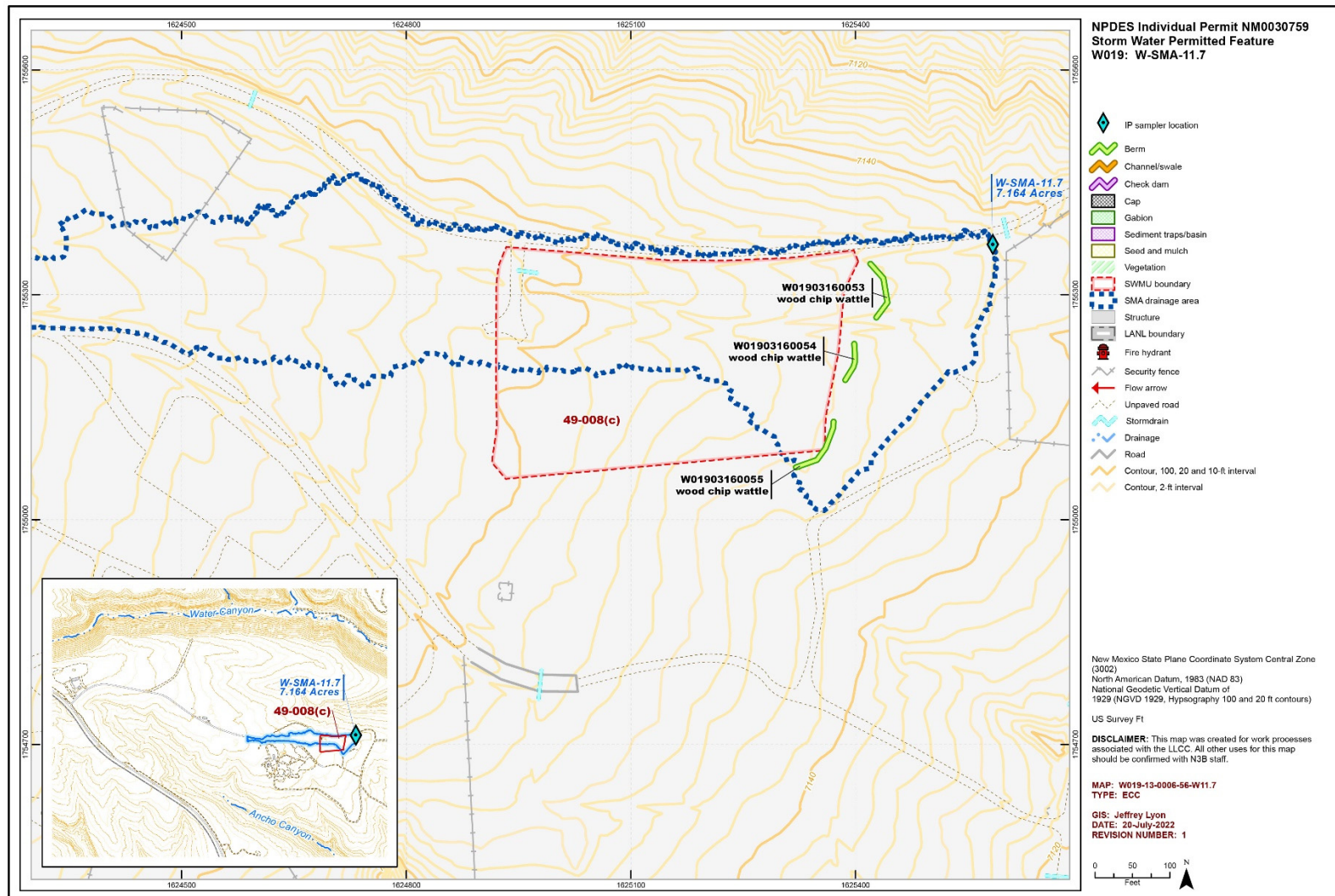


Figure 1 W-SMA-11.7 enhanced control measures