



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: August 24, 2023
Refer To: N3B-2023-0259

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 Baseline Control Measures for PJ-SMA-9.2, S-SMA-3.61, and S-SMA-3.62

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 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 Environmental Management Los Alamos Field Office (EM-LA), effective August 1, 2022. The 2022 Sampling Implementation Plan includes three new site monitoring areas (SMAs): PJ-SMA-9.2, S-SMA-3.61, and S-SMA-3.62. As specified in Part I, Section D.I(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."

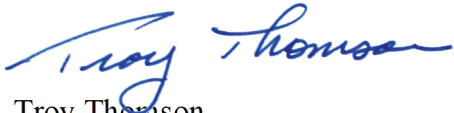
Accordingly, the documents for certification of baseline control measures completed at PJ-SMA-9.2, S-SMA-3.61, and S-SMA-3.62 are included as Enclosures 1, 2, and 3, respectively. Table 1 identifies the permitted features, SMAs, and sites applicable to the certification. The certification was signed 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 Baseline Control Measures

Permitted Feature	SMA	Sites
J011	PJ-SMA-9.2	40-001(c)
S006B	S-SMA-3.61	60-004(f)
S006C	S-SMA-3.62	60-002

If you have any questions, please contact Christian Maupin at (505) 695-4281 (christian.maupin@em-la.doe.gov) or Brian Harcek at (505) 692-4261 (brian.harcek@em.doe.gov).

Sincerely,



Troy Thomson
Program Manager
Environmental Remediation
N3B-Los Alamos

Sincerely,



Digitally signed by BRIAN
HARCEK
Date: 2023.08.22
14:47:37 -06'00'

Brian Harcek, Acting Co-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 Baseline Control Measures at PJ-SMA-9.2 (EM2023-0488)
2. Certification of Installation of Baseline Control Measures at S-SMA-3.61 (EM2023-0489)
3. Certification of Installation of Baseline Control Measures at S-SMA-3.62 (EM2023-0490)

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-RPD
Levi Dean, NMED-SWQB
Susan Lucas-Kamat, NMED-SWQB
Stephen Hoffman, NA-LA
Jeanette Hyatt, LANL
Arturo Duran, EM-LA
John Evans, EM-LA

Michael Mikolanis, EM-LA
 Kent Rich, EM-LA
 Cheryl Rodriguez, EM-LA
 Susan Wacaster, EM-LA
 William Alexander, N3B
 Tanner Bonham, N3B
 Robert Edwards III, N3B
 Michael Erickson, N3B
 Audrey Krehlik, N3B
 Dana Lindsay, N3B
 Christian Maupin, N3B
 Aubrey Pierce, N3B
 Karly Rodriguez, N3B
 Vince Rodriguez, N3B
 Bradley Smith, N3B
 Shannon Smith, N3B
 Jeffrey Stevens, N3B
 Grayson Vogel, N3B
 Jennifer von Rohr, N3B
 Amanda White, N3B
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PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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**Certification of Installation of Baseline Control
Measures at PJ-SMA-9.2**

August 22, 2023

NPDES PERMIT NO. NM0030759

EM2023-0488

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


PF: J011

PJ-SMA-9.2

Sites: 40-001(c)

CERTIFICATION STATEMENT OF AUTHORIZATION

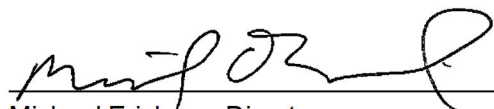
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

August 15, 2023

Date



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

August 15, 2023

Date



Digitally signed by BRIAN
HARCEK
Date: 2023.08.22 14:48:05
-06'00'Brian Harcek, Acting Co-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 BASELINE CONTROL MEASURES****PF: J011****PJ-SMA-9.2****Sites: 40-001(c)**

PJ-SMA-9.2 is a new site monitoring area (SMA) associated with the 2022 issuance of NPDES Permit No. NM0030759 (the Permit).

In accordance with the Permit, the design, installation, and documentation of baseline control measures that are 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. Included in this document are photos (listed in Table 1 and shown on pages 2–6) and a map (Figure 1) of the baseline control measures to be certified.

Table 1
Baseline Control Measure Descriptions

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Erosion Control	Run-Off Control	Run-On Control	Sediment Control
1. JPG	J01103140001	Berm	Coir Log	No	Yes	No	Yes
2. JPG	J01103140002	Berm	Coir Log	No	Yes	No	Yes
3. JPG	J01103140003	Berm	Coir Log	No	Yes	No	Yes
4. JPG	J01103140004	Berm	Coir Log	No	Yes	No	Yes
5. JPG	J01103140005	Berm	Coir Log	No	Yes	No	Yes

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF BASELINE CONTROL MEASURES****PF: J011****PJ-SMA-9.2****Sites: 40-001(c)****Photos:**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	J01103140001	Berm	Coir Log	Looking south

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

PF: J011

PJ-SMA-9.2

Sites: 40-001(c)



Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	J01103140002	Berm	Coir Log	Looking south

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF BASELINE CONTROL MEASURES****PF: J011****PJ-SMA-9.2****Sites: 40-001(c)**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	J01103140003	Berm	Coir Log	Looking east

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF BASELINE CONTROL MEASURES****PF: J011****PJ-SMA-9.2****Sites: 40-001(c)**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
4. JPG	J01103140004	Berm	Coir Log	Looking west

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

PF: J011

PJ-SMA-9.2

Sites: 40-001(c)



Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
5. JPG	J01103140005	Berm	Coir Log	Looking east

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

PF: J011

PJ-SMA-9.2

Site: 40-001(c)

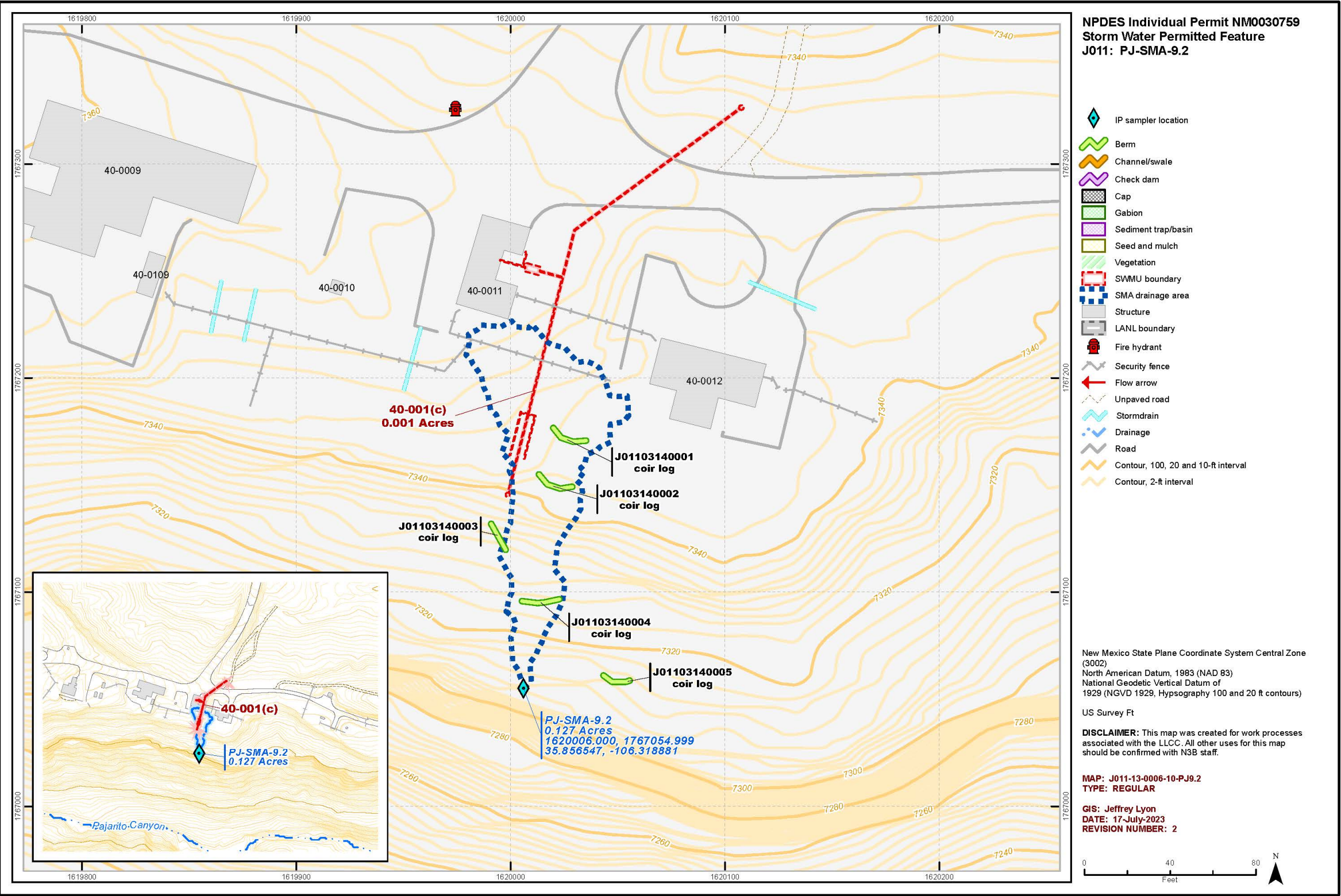


Figure 1 PJ-SMA-9.2 baseline control measures

**Certification of Installation of Baseline Control
Measures at S-SMA-3.61**

August 22, 2023

NPDES PERMIT NO. NM0030759

EM2023-0489

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


PF: S006B

S-SMA-3.61

Sites: 60-004(f)

CERTIFICATION STATEMENT OF AUTHORIZATION

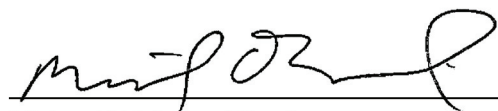
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

August 15, 2023

Date



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

August 15, 2023

Date



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Date: 2023.08.22 14:48:38
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Brian Harcek, Acting Co-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 BASELINE CONTROL MEASURES****PF: S006B****S-SMA-3.61****Sites: 60-004(f)**

S-SMA-3.61 is a new site monitoring area (SMA) associated with the 2022 issuance of NPDES Permit No. NM0030759 (the Permit).

In accordance with the Permit, the design, installation, and documentation of baseline control measures that are 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. Included in this document are photos (listed in Table 1 and shown on pages 2–4) and a map (Figure 1) of the baseline control measures to be certified.

Table 1
Baseline Control Measure Descriptions

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Erosion Control	Run-Off Control	Run-On Control	Sediment Control
1. JPG	S006B03100001	Berm	Gravel Bags	No	Yes	No	Yes
2. JPG	S006B08030002	Cap	Asphalt Cap	Yes	Yes	No	No
3. JPG	S006B03040003	Berm	Asphalt Berm	No	Yes	No	Yes

NPDES PERMIT NO. NM0030759

EM2023-0489

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

PF: S006B

S-SMA-3.61

Sites: 60-004(f)

Photos:



Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	S006B03100001	Berm	Gravel Bags	Looking north

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF BASELINE CONTROL MEASURES****PF: S006B****S-SMA-3.61****Sites: 60-004(f)**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	S006B08030002	Cap	Asphalt Cap	Looking west

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF BASELINE CONTROL MEASURES****PF: S006B****S-SMA-3.61****Sites: 60-004(f)**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	S006B03040003	Berm	Asphalt Berm	Looking east

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

PF: S006B

S-SMA-3.61

Site: 60-004(f)

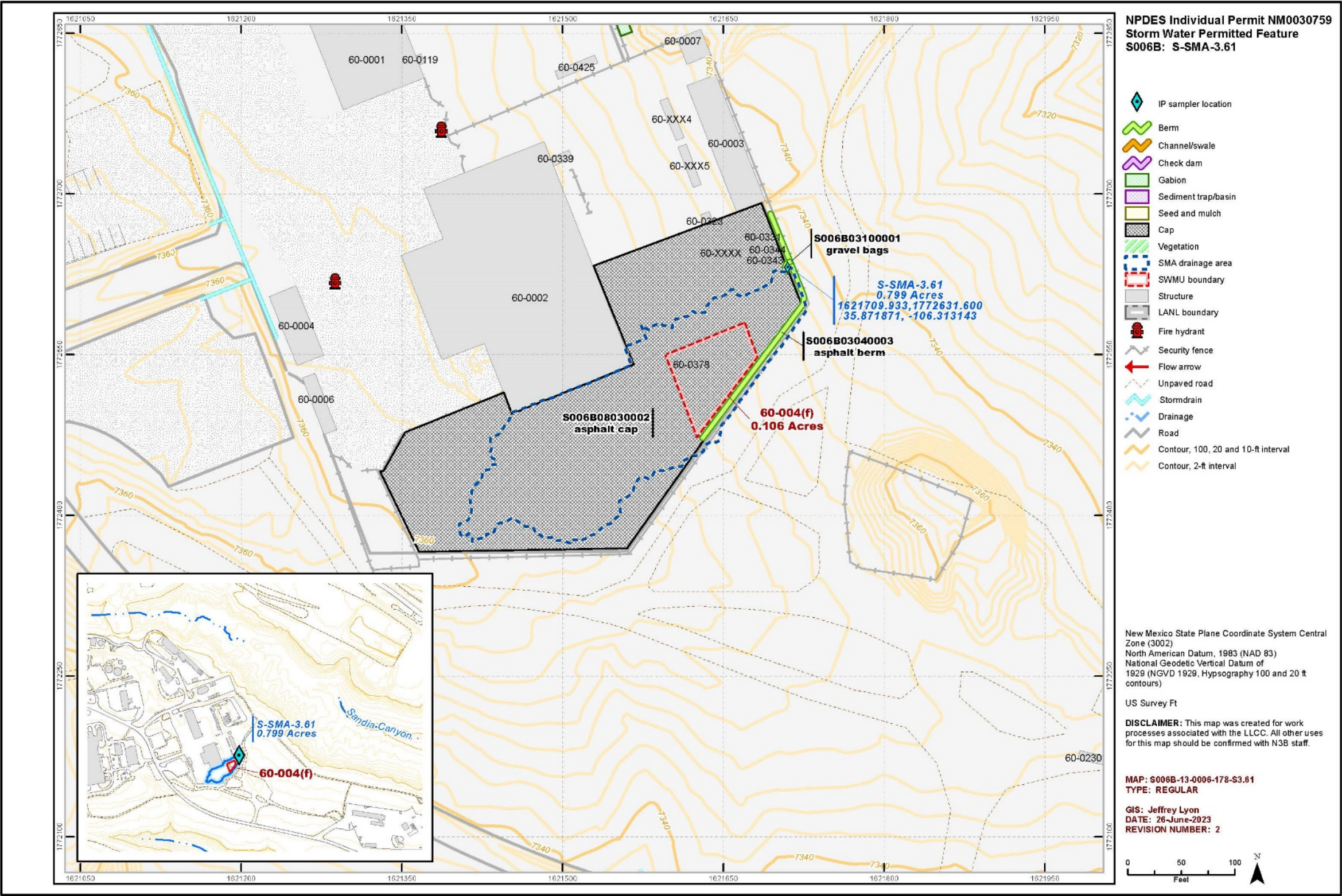


Figure 1 S-SMA-3.61 baseline control measures

**Certification of Installation of Baseline Control
Measures at S-SMA-3.62**

August 22, 2023

NPDES PERMIT NO. NM0030759

EM2023-0490

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

PF: S006C

S-SMA-3.62

Sites: 60-002

CERTIFICATION STATEMENT OF AUTHORIZATION

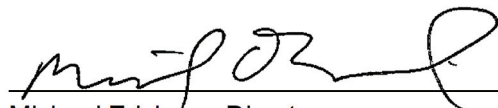
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

August 15, 2023

Date



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Brian Harcek, Acting Co-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 BASELINE CONTROL MEASURES****PF: S006C****S-SMA-3.62****Sites: 60-002**

S-SMA-3.62 is a new site monitoring area (SMA) associated with the 2022 issuance of NPDES Permit No. NM0030759 (the Permit).

In accordance with the Permit, the design, installation, and documentation of baseline control measures that are 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. Included in this document are photos (listed in Table 1 and shown on pages 2–4) and a map (Figure 1) of the baseline control measures to be certified.

Table 1
Baseline Control Measure Descriptions

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Erosion Control	Run-Off Control	Run-On Control	Sediment Control
1. JPG	S006C06010001	Check Dam	Rock Check Dam	No	Yes	No	Yes
2. JPG	S006C06010002	Check Dam	Rock Check Dam	No	Yes	No	Yes
3. JPG	S006C03140003	Berm	Coir Log	No	Yes	No	Yes

NPDES PERMIT NO. NM0030759

EM2023-0490

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

PF: S006C

S-SMA-3.62

Sites: 60-002

Photos:



Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
1. JPG	S006C06010001	Check Dam	Rock Check Dam	Looking south

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF BASELINE CONTROL MEASURES****PF: S006C****S-SMA-3.62****Sites: 60-002**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
2. JPG	S006C06010002	Check Dam	Rock Check Dam	Looking south

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
CERTIFICATION OF BASELINE CONTROL MEASURES****PF: S006C****S-SMA-3.62****Sites: 60-002**

Photo ID	Control Measure ID	Type of Control Measure	Control Measure	Photo Angle
3. JPG	S006C03140003	Berm	Coir Log	Looking east

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

PF: S006C

S-SMA-3.62

Site: 60-002

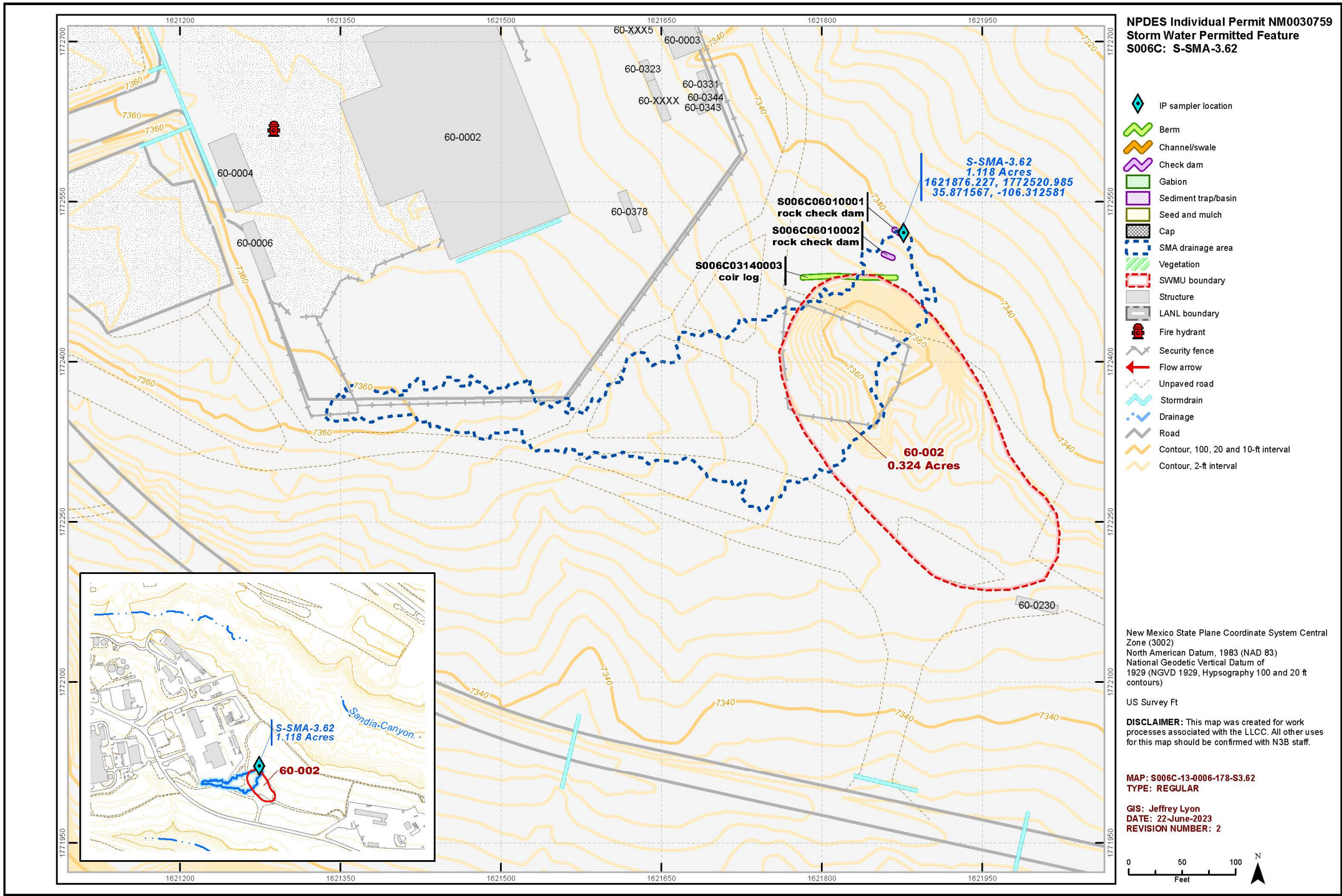


Figure 1 S-SMA-3.62 baseline control measures