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Date: February 23, 2022
Refer To: N3B-2022-0046

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 – Storm Water Individual Permit Annual Report,
Reporting Period: January 1–December 31, 2021**

Dear Ms. Johnson:

Enclosed please find one hard copy with electronic files of the 2021 Storm Water Individual Permit Annual Report (Annual Report), which contains the Storm Water Individual Permit Compliance Status Reports (IP-CSRs) for 2021. This report is being submitted in accordance with the requirements of the U.S. Environmental Protection Agency's National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (the Permit) for discharges 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, and on April 30, 2018, responsibilities, coverage, and liability transferred from LANS to Newport News Nuclear BWXT-Los Alamos, LLC (N3B).

The 2021 Annual Report presents activities and milestones accomplished from January 1 to December 31, 2021. The combined Annual Report and IP-CSRs address the requirements in Section H.1 and H.2 of the Permit.

The 2021 Annual Report can be accessed at <https://ext.em-la.doe.gov/ips/>.

If you have any questions, please contact Emily Day at (505) 695-4243 (emily.day@em-la.doe.gov) or M. Lee Bishop at (702) 218-4660 (lee.bishop@em.doe.gov).

Sincerely,



Troy Thomson
Program Manager
Environmental Remediation
N3B-Los Alamos

Sincerely,

M Lee Bishop

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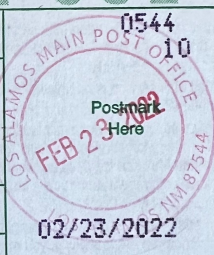
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1. Storm Water Individual Permit Annual Report Reporting Period:
January 1–December 31, 2021 (EM2022-0001)

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Storm Water Individual Permit Annual Report

**Reporting Period:
January 1–December 31, 2021**

NPDES Permit No. NM0030759

Newport News Nuclear BWXT-Los Alamos, LLC (N3B), under the U.S. Department of Energy Office of Environmental Management Contract No. 89303318CEM000007 (the Los Alamos Legacy Cleanup Contract), has prepared this document. The public may copy and use this document without charge, provided that this notice and any statement of authorship are reproduced on all copies.

CERTIFICATION

NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC
NPDES Permit No. NM0030759

ANNUAL REPORT
REPORTING PERIOD: January 1, 2021–December 31, 2021

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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



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

2/4/22

Date

M Lee Bishop

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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

Date

EXECUTIVE SUMMARY

Newport News Nuclear BWXT-Los Alamos, LLC (N3B), under the direction of the U.S. Department of Energy (collectively, the Permittees), has prepared this annual report for the Individual Storm Water Permit pursuant to the requirements of the National Pollutant Discharge Elimination System Permit No. NM0030759 (hereafter, the Individual Permit or Permit). The Individual Permit authorizes the discharge of storm water associated with historical industrial activities at Los Alamos National Laboratory from specified solid waste management units and areas of concern, collectively referred to as Sites. The Permit, incorporating the latest modifications, became effective on November 1, 2010, and expired on March 31, 2014, but is administratively continued until a new Permit is issued. The U.S. Environmental Protection Agency (EPA) submitted a draft Permit for public comment on November 27, 2019; the 60-day comment period was extended three times until November 2, 2020. EPA held a public meeting and hearing to discuss the draft Permit on October 26, 2020. The Permittees provided comments on the draft Permit on November 2, 2020. On November 30, 2020, the New Mexico Environment Department (NMED) issued the state certification of the Individual Permit NM0030759. The Permittees submitted a petition for review of the state certification to the New Mexico Secretary of the Environment on December 30, 2020, and submitted comments on the state certification to EPA and NMED on January 12, 2021. The Permittees entered discussions with NMED regarding the state certification, and on December 30, 2021, a settlement agreement was signed by NMED and the Permittees.

This annual report presents compliance status and activities and milestones accomplished during the period from January 1 to December 31, 2021. Highlights of work performed during the 2021 annual reporting period include the following.

Baseline activities:

- Installed a total of 22 additional control measures at 16 site monitoring areas (SMAs),
- Installed 1 control to replace an existing baseline control measure at 1 SMA,
- Collected baseline confirmation monitoring samples at 2 SMAs, and
- Conducted baseline confirmation monitoring at 73 SMAs.

Corrective action activities:

- Installed and/or certified 33 controls at 12 SMAs,
- Installed 1 control to replace an existing enhanced control measure at 1 SMA,
- Collected corrective action enhanced control confirmation monitoring samples at 17 SMAs, and
- Conducted enhanced control confirmation monitoring at 65 SMAs.

Inspection activities:

- Performed a total of 1424 Permit-required inspections, including post-storm rain event inspections, annual inspections, target action level exceedance inspections, remediation construction inspections, and significant event inspections;
- Performed a total of 884 sampling equipment inspections; and
- Fully implemented the use of radio telemetry equipment in conjunction with automated samplers to aid in prioritizing sample collection and to improve program efficiency.

Compliance activities:

- Updated website,
- Notified public of Permit-required documents at the Electronic Public Reading Room,
- Held two public meetings,
- Submitted 2020 update to the “Site Discharge Pollution Prevention Plan, Revision 1,”
- Submitted “Storm Water Individual Permit Annual Report Reporting Period: January 1–December 31, 2020,”
- Submitted analytical results following certification of enhanced controls at 34 Site/SMA combinations,
- Submitted analytical results following certification of a no-exposure condition at 4 Site/SMA combinations,
- Submitted certification of completion of corrective action following certificate of completion from NMED at 1 Site/SMA combination, and
- Submitted certifications of installation of enhanced control measures at 20 Site/SMA combinations.

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- Appendix A Acronyms and Abbreviations, Glossary, and Metric Conversion Table
- Appendix B Analytical Monitoring Results
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Attachment

- Attachment 1 Supporting Documentation for Analysis of Polychlorinated Biphenyl Congeners Using
U.S. Environmental Protection Agency Method 1668

1.0 INTRODUCTION

Los Alamos National Laboratory (LANL or the Laboratory) is a multidisciplinary research facility owned by the U.S. Department of Energy (DOE). The work performed under the National Pollutant Discharge Elimination System (NPDES) Individual Permit No. NM0030759 (hereafter, the Individual Permit, IP, or Permit) is managed by Newport News Nuclear BWXT-Los Alamos, LLC (N3B) for the DOE Office of Environmental Management. DOE and N3B are, collectively, the Permittees. The Laboratory, located in Los Alamos County in northern New Mexico, covers approximately 36 mi². It is situated on the Pajarito Plateau, which is made up of a series of fingerlike mesas separated by deep west-to-east-oriented canyons cut by predominantly ephemeral and intermittent streams.

The Permittees have prepared this annual report for the Individual Permit pursuant to the requirements of the Permit as authorized by the U.S. Environmental Protection Agency (EPA). The Permit authorizes storm water discharges associated with historical industrial activities at the Laboratory from specified solid waste management units (SWMUs) and areas of concern (AOCs), collectively referred to as Sites. Many of the Sites covered by the Individual Permit are remotely located and are not associated with current industrial activities. The Permit contains non-numeric technology-based effluent limitations, coupled with a comprehensive, coordinated inspection and monitoring program, to minimize pollutants in the Permittees' storm water discharges associated with these Sites. The Permittees are required to implement site-specific control measures (including best management practices [BMPs]) to address the non-numeric technology-based effluent limits, as necessary, to minimize pollutants in storm water discharges. The Individual Permit does not regulate storm water discharges associated with current conventional industrial activities at the Laboratory that are regulated under NPDES Permit Number NM0028355; activities associated with the NPDES Construction General Permit Number NMR100000; the Hazardous Waste facility Permit Number NM0890010515; or Multi-Sector General Permit Numbers NMR050011, NMR050012, and NMR050013. The Permit incorporating the latest modifications became effective on November 1, 2010 (EPA 2010, 213450).

The Sites regulated under this Permit are a subset of the SWMUs and AOCs that are being addressed under the June 2016 Compliance Order on Consent (the Consent Order). The Consent Order fulfills the corrective action requirements in Section 3004(u) and Section 3008(h) of the Resource Conservation and Recovery Act (RCRA). A SWMU is a discernible unit at which solid wastes may have been "routinely and systematically released" and could result in a release of hazardous constituents. An AOC is any area other than a SWMU that may have had a release of a hazardous waste or hazardous constituents. A Site that met the definition of a SWMU or AOC was evaluated for inclusion in the Permit based on the following criteria: (1) the SWMU/AOC is exposed to storm water (e.g., not capped or subsurface); (2) the SWMU/AOC contains or potentially contains "significant industrial material" (e.g., not cleaned up or with contamination in place); and (3) the SWMU/AOC potentially impacts surface water. The investigation and remediation of SWMUs and AOCs under a March 2005 Consent Order began before the effective date of the Individual Permit and continues under the June 2016 Consent Order concurrently with implementation of the Individual Permit.

The Individual Permit treats a Site as an "industrial activity" that creates a "point source discharge" and directs the Permittees to monitor storm water discharges from Sites at specified sampling points known as site monitoring areas (SMAs). An SMA may include more than one Site; in addition, storm water from a Site may drain to multiple subwatersheds and may be associated with multiple SMAs. SMA sampling points were originally identified in Appendix A of the IP. Considerations in the selection of sampling points included Site flow conditions, drainage patterns, Site accessibility, and the Permittees' best judgment to ensure that samples collected at a particular point will be representative of discharges from Sites in the drainage area. Consequently, in some cases, minor adjustments to the SMA sampling points have been made, primarily following installation of storm water control measures or other development at or near the

Site, but other minor adjustments have been made to better capture storm water discharging from the SMA. The current SMA sampling points are found on the IP website (<https://ext.em-la.doe.gov/IPS/Home/SiteMonitoringAreaMaps?Length=4>), and changes are discussed in the annual update to the “Site Discharge Pollution Prevention Plan” (SDPPP).

The Permit establishes target action levels (TALs) that are used as benchmarks to determine the effectiveness of control measures implemented under the Permit. That is, confirmation monitoring sample results for an SMA are compared with applicable TALs. If one or more confirmation monitoring results exceeds a TAL, the Permittees must take corrective action. The Permit requires that the Permittees either certify to EPA completion of corrective action at each Site by a specific deadline, or seek to place individual Sites into alternative compliance, whereby completion of corrective action will be accomplished on a case-by-case basis pursuant to an individually tailored compliance schedule determined by EPA. Figure 1-1 is a “road map” illustrating key activities in the Individual Permit and shows the steps involved in the corrective action process.

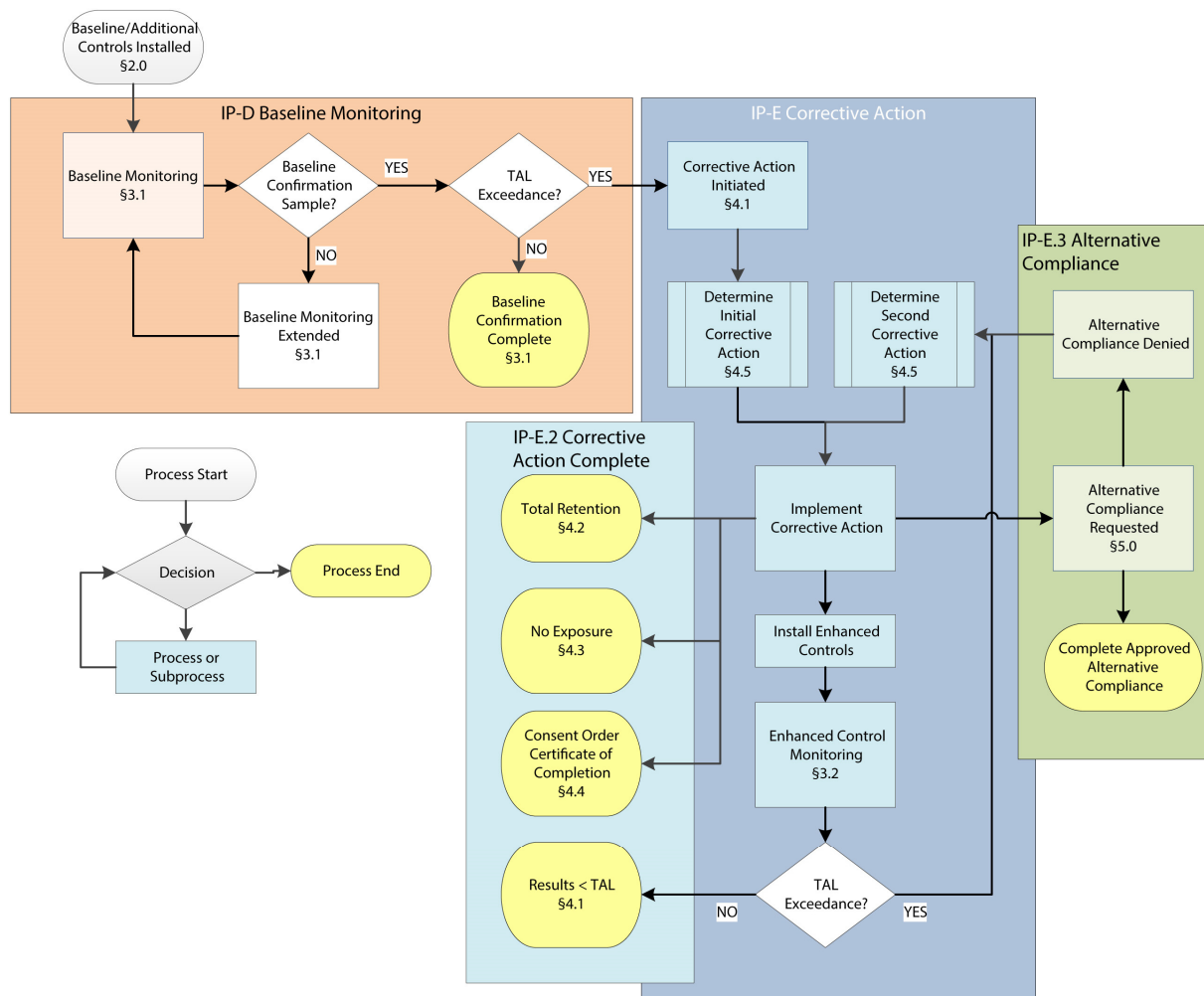


Figure 1-1 Permit compliance roadmap

This annual status report was prepared to meet the requirements of Part I.H.1, Compliance Status Reports, and Part I.H.2(a) through (k), Annual Reports of the Individual Permit. Each requirement is addressed separately in this report and includes for each SMA (or Site) a summary of Site-specific status during the reporting period, as described in Table 1-1.

The Permit, as issued November 1, 2010, authorized discharges at 405 Sites associated with SMAs and 250 permitted features (i.e., outfall numbers) associated with SMAs as provided in Appendices A and D of the Permit, respectively. Eleven administrative changes have occurred since the initiation of the Permit. These administrative changes include the following:

- Site 32-002(b), within LA-SMA-5.361, split into two Sites, 32-002(b1) and 32-002(b2).
- Site 01-001(d), within LA-SMA-5.01, split into three Sites, 01-001(d1), 01-001(d2), and 01-001(d3).
- Site 01-006(h), within LA-SMA-5.01, split into three Sites, 01-006(h1), 01-006(h2), and 01-006(h3).
- Site 01-003(b), within LA-SMA-4.1, split into two Sites, 01-003(b1) and 01-003(b2).
- Site 22-010(b) was identified as existing within PJ-SMA-5.1.
- Site 14-002(c) was identified as existing within CDV-SMA-6.02.
- Site 16-029(e) was identified as existing within W-SMA-7.
- Site 09-005(g) was identified as existing within PJ-SMA-4.05.
- Site 02-014 was identified in LA-SMA-5.51 during efforts to discover the source of polychlorinated biphenyl (PCB) contamination detected during investigation sampling at Site 02-011(a) in LA-SMA-5.51.
- A typographical error in Appendix B of the Individual Permit incorrectly identifies Site 46-004(e2) as part of CDB-SMA-0.55. This Site is actually within the drainage area of CDB-SMA-0.25.
- Review of the Site descriptions and activities conducted within PT-SMA-1.7 revealed that Site 15-006(a) was incorrectly associated with industrial materials to be monitored at the SMA. The firing site, 15-003, is the likely source of material released from the Site and the Site intended for regulation under the Permit.

The watershed boundaries of the SMAs associated with these Sites were not affected by these administrative changes. These changes are reflected in Tables 1-2 and 1-3 (and section 4, Table 4-3), which list and summarize the SMA and Site relationships, and are described more fully in section 10 of this report.

Appendix A of this report contains acronyms and abbreviations, a glossary, and a metric conversion table. Appendix B contains analytical monitoring results. Appendix C contains the compliance status reports (CSRs).

2.0 BASELINE CONTROL MEASURES ACTIVITIES

The Laboratory completed baseline control measure (BCM) installation and certification activities in 2010 and 2011 and successfully met the Part I.B.1 requirements within the Permit deadlines as detailed in Appendix E of the Individual Permit. Following the installation and certification of the BCMS, the Permittees have continued to install additional controls that were not included in the initial baseline certification and are not included in a corrective action certification. All BCMS and additional controls installed have been maintained in effective operating condition per Part I.B.2 of the Permit. A control was repaired or replaced when any inspection or observation identified that it was not operating effectively.

2.1 Description of Baseline Control Measures

Appendix C of this annual report provides CSRs, which detail all BCMs operating on December 31, 2021, at each SMA. In addition to BCMs, the Appendix C list includes all additional controls and enhanced controls that are operating at each SMA on December 31, 2021. The general types and intended purposes of BCMs include the following:

- Erosion control (EC) and sediment control (SC) measures: These BCMs are intended to minimize the potential for erosion when storm water runoff flows across an area, to minimize sediment transport, and to retain transported sediment on-site.
- Run-on (RON) and runoff (ROFF): These BCMs are intended to divert, infiltrate, reuse, contain, or otherwise reduce storm water run-on and/or runoff.

2.2 Additional Control Measures Installed and Control Measures Replaced during 2021

The Permittees continued a field effort during 2021 to supplement certified BMPs with additional control measures at some SMAs. These additional control measures consist of berms, seed and mulch, channels/swales, sediment traps and basins, and check dams. Additional control measures are installed to improve existing SMA controls and in response to changing SMA conditions. While the Permittees have identified the need for improving controls at SMAs/Sites, these additional controls are not certified as enhanced controls for one of two reasons: (1) the controls are installed at SMAs in the baseline monitoring Permit phase (e.g., no TAL has been exceeded) or (2) the controls are installed at SMAs that are in corrective action monitoring. The installation of additional controls does not affect the compliance status of the Site or monitoring status at the SMA.

The replacement or retiring of a control measure is initiated with a field inspection recommendation. The inspector's recommendation is reviewed, and control measures can be replaced with equivalent controls or retired if the controls' functionality is maintained by other controls. Maintenance or retiring of controls may be recommended for a number of reasons including but not limited to the following: control functionality is impaired, the control is damaged, or the SMA boundary has changed so that the control may be no longer relevant.

As summarized in Table 2-1, additional control measures, replaced BCMs, and replaced enhanced controls installed during 2021 include 24 additional and/or replacement controls at 18 SMAs.

3.0 CONFIRMATION MONITORING REQUIREMENTS

The requirements for collecting confirmation monitoring samples following installation of control measures are described in Part I.D. of the Permit. Any sampling performed for purposes of confirmation monitoring at a particular SMA must be collected during at least two separate "measurable storm events" occurring at least 15 days apart. However, if only one confirmation sample could be collected during any period in which two confirmation samples are required, monitoring will continue, and compliance with TALs is determined by the single confirmation sample result. If no confirmation sample could be collected during the applicable monitoring period, compliance with TALs is determined by results from the first confirmation sample to be collected. A measurable storm event is defined as a storm that results in discharge from the Site(s) and that produces sufficient volume to perform the required analyses. Snowmelt samples cannot be used for purposes of confirmation monitoring.

Samples are not used for the purpose of confirmation monitoring if they meet any of the following conditions:

- Non-storm water discharge was collected, e.g., sampling of a potable water spill.
- Storm water was collected within 15 days of a confirmation monitoring sample.
- Storm water was collected after the first hour of discharge.
- Storm water was collected but was not discharged from the Site(s), e.g., sampling of storm water from flood plain during a flood without representative Site discharge.
- Storm water sample volume collected was insufficient to perform all required analyses.
- Storm water discharge was collected and analyzed but did not meet the minimum quality requirements of 40 Code of Federal Regulations (CFR) Part 136, “Guidelines Establishing Test Procedures for the Analysis of Pollutants” (i.e., holding time was exceeded, incorrect analytical method was used, or incorrect bottle type was used).

Confirmation monitoring at an SMA is not required:

- in circumstances where corrective action is complete at all of the Sites within an SMA,
- when baseline monitoring is complete,
- during periods when corrective action is being implemented after a TAL is exceeded, or
- for 15 days following collection of a confirmation monitoring sample.

Confirmation monitoring is required:

- at an SMA for collection of samples to fulfill baseline monitoring requirements,
- to fulfill corrective action monitoring requirements, or
- to fulfill sampling requirements after completion of corrective action is certified for no exposure.

The pollutants of concern to be monitored during baseline confirmation monitoring for each SMA are specified in Appendix B of the Permit. At a minimum, all SMAs require monitoring for metals, adjusted gross-alpha radiation, radium-226 + radium-228, and cyanide (weak acid dissociable). Monitoring of PCB compounds, high explosives, or other organic compounds is also required at some SMAs based on Appendix B of the Permit.

Part I.H.2(c) of the Permit requires that the annual report include monitoring results available during the reporting period.

The Permit requires monitoring and reporting of adjusted gross alpha. The Permittees measure and report the adjusted gross-alpha radioactivity as gross-alpha radioactivity, without adjustment. The unadjusted value is used to determine the need for corrective action when the TAL of 15 pCi/L is exceeded. The unadjusted gross-alpha activity reported represents the largest possible value for adjusted gross-alpha activity and is therefore a conservative estimate of adjusted gross alpha. (See Appendix B of this report for further information regarding adjusted gross alpha.)

The State of New Mexico Standards for Interstate and Intrastate Surface Water (20.6.4 New Mexico Administrative Code [NMAC], effective February 2018) contain numeric criteria for the protection of surface waters for various designated uses, including a standard for “adjusted gross alpha,” where adjusted gross alpha means the total radioactivity due to alpha particle emission as inferred from measurements on a dry sample, including radium-226 but excluding radon-222 and uranium. Also

excluded are source, special nuclear, and byproduct material as defined by the Atomic Energy Act of 1954 (Subsection B of 20.6.4.7 NMAC).

Part III.C.5.a of the Permit specifies that monitoring must be conducted according to test procedures approved under Title 40 CFR Part 136, with the exception of the other test procedures specified in Part I.C of the Permit. Part 136 establishes guidelines for testing procedures for the analysis of pollutants under the Clean Water Act. These guidelines list approved biologic, inorganic, radiologic, and organic compound test methods by number. The guidelines specify required containers, preservation techniques, and holding times for each tested parameter. Part 136 does not include a method for analysis of high explosives or PCB congeners. PCB congeners are analyzed with guidance provided by EPA Method 1668 Revision A as specified by the Permit. High explosives are analyzed with guidance provided by SW-846 Method 8330B for analysis of nitroaromatics and nitroamines by high-performance liquid chromatography. Limits to the Permittees' ability to comply with requirements of 40 CFR Part 136 are described in Appendix B of this report.

Part I.C of the Permit requires analysis of total PCBs using EPA Method 1668 Revision A or the most current revision of the congener method. Total PCBs using this method are calculated as the sum of analysis of 209 individual PCB congeners. The sensitivity of the congener analysis and the prevalence of certain PCB congeners worldwide means that ambient PCB concentrations at the analytical laboratory must be accounted for to prevent falsely elevated concentrations of PCBs in analytical results. The adjustments made to each analytical result are provided in Attachment B-1 of this report, as required in Part II Appendix A of the Permit.

In accordance with Part I.D.4 of the Permit, corrective action monitoring can be modified to exclude pollutants of concern if previous confirmation monitoring results are below applicable TALs. A minimum of two confirmation samples with results below TALs must be collected and analyzed, except as provided in Part I.E.5(d) and (e) of the Permit, which allows one confirmation sample to fulfill monitoring requirements, before a particular pollutant of concern at an SMA can be removed from monitoring requirements. If the sampling location of an SMA receives a major adjustment, then monitoring of all pollutants of concern at that location is reinitiated.

Samplers were activated at 130 SMAs as required to fulfill Permit requirements

- at 73 SMAs in the baseline confirmation monitoring phase by April 2021,
- at 3 SMAs where monitoring was required per Part I.E.1(b) of the Permit after certification of no exposure in April 2016 by April 2021, and
- at 54 SMAs in the enhanced control confirmation monitoring phase by April 2021. As of January 1, 2021, enhanced control confirmation monitoring was continuing at 53 SMAs. The enhanced control certification for PJ-SMA-11 was submitted to EPA on March 30, 2021, bringing the count to 54 by the time samplers were activated.

Table 3-1 provides a summary of confirmation monitoring occurring at SMAs in the baseline and corrective action Permit phases.

3.1 Baseline Confirmation Monitoring

Baseline monitoring is the term used to identify sampling activity at any SMA where confirmation monitoring is being conducted to assess the performance of BCMs. As of January 1, 2021, baseline confirmation monitoring was continuing at 73 SMAs (Table 3-1). During 2021, two baseline confirmation monitoring samples were collected from measurable storm events. The requirement to collect baseline confirmation monitoring samples was fulfilled at M-SMA-13 and W-SMA-7.8. Table 3-1 counts these records using the MEx [extended baseline monitoring per Part I.E.5(e)] identifier. As of December 31, 2021, baseline confirmation monitoring was continuing at 71 SMAs (Table 3-1).

The initial monitoring period following installation and implementation of BCMs varies on a Site-by-Site basis, as specified in Part I.D.1 of the Permit. The baseline confirmation monitoring period is extended at SMAs where no confirmation sample could be collected by October 31, 2011, or by April 30, 2012, from a measurable storm event. In the baseline confirmation monitoring phase, sampling shall continue until at least one sample is collected per Part I.E.5(e) of the Permit.

3.2 Enhanced Control Confirmation Monitoring

Corrective action confirmation monitoring is the term used to identify sampling at any SMA conducted to assess the effectiveness of enhanced site-specific control measures. No-exposure confirmation monitoring is the term used to identify confirmation monitoring conducted following completion of corrective action with certification of control measures installed to totally eliminate exposure of pollutants to storm water per Part I.E.1(b) of the Permit. As of January 1, 2021, enhanced control confirmation monitoring was continuing at 53 SMAs and no-exposure confirmation monitoring was continuing at 3 SMAs as summarized in Table 3-1. During 2021, enhanced control confirmation monitoring was initiated at 12 SMAs with the certification of enhanced controls: 3M-SMA-0.2, A-SMA-1, A-SMA-3, CDV-SMA-2.42, CHQ-SMA-1.02, CHQ-SMA-2, CHQ-SMA-4, CHQ-SMA-7.1, LA-SMA-5.2, PJ-SMA-11, PT-SMA-2, and STRM-SMA-1.5. In 2021, 20 enhanced control confirmation monitoring samples were collected from 17 SMAs. Corrective action monitoring was completed at 6 of these SMAs. Also in 2021, 2 no-exposure confirmation monitoring samples were collected from 2 SMAs. As of December 31, 2021, enhanced control confirmation monitoring is continuing at 59 SMAs, and no-exposure confirmation monitoring is continuing at 1 SMA (Table 3-1).

3.3 Confirmation Monitoring Analytical Data

The 2021 confirmation monitoring analytical results for metals, general inorganics, radioactivity, total PCBs, and other detected organics are presented in Appendix B. Analytical data are qualitatively discussed in the SDPPP. Additionally, the confirmation monitoring results, including TAL exceedances, are presented in the CSRs in Appendix C. The CSR result description definitions are provided in Table C-1.

The confirmation monitoring samples collected during 2021 are summarized in Table 3-2, which presents TAL exceedances that occurred in 2021. The full suite of analytical data collected in 2021 for parameters with TALs is included in Appendix B.

Part I.H.2(d) of the Permit requires that the annual report identify the pollutants that exceed applicable MTALs or ATALs. In 2021

- TAL exceedances occurred at 20 SMAs.
- MTAL exceedances included aluminum, copper, lead, and silver.
- ATAL exceedances included gross alpha, selenium and total PCBs.

The validated analytical monitoring results for the confirmation samples are compared with the applicable TALs established in Part I.C of the Permit. Table 3-2 summarizes the applicable maximum TAL (MTAL) and average TAL (ATAL) exceedances for the confirmation monitoring samples collected in 2021. The confirmation monitoring results are compared with the larger of the applicable MTAL or minimum quantification level (MQL) and the larger of the applicable ATAL or MQL. If TALs are exceeded during enhanced control confirmation monitoring, corrective action is required as provided in Part I.E of the Permit, and then the SMA is advanced to the planning stage to determine corrective action to undertake at each Site in the SMA. If TALs are not exceeded in either comparison, confirmation monitoring is ended at the SMA, and the controls at the SMA continue to be inspected following storm rain events (as defined in section 7.1, Post-Storm Inspections, of this annual report). Per Part I.I.6 of the Permit, exceedance of a TAL does not indicate the Permittees are out of compliance with the requirements of the Permit provided they take the required corrective action within the relevant deadlines.

Analytical results meet the N3B minimum data quality objectives (DQOs) as outlined in N3B-PLN-SDM-1000, "Sample and Data Management Plan." N3B-PLN-SDM-1000 sets the validation frequency criteria at 100% Level 1 examination and Level 2 verification of data, and at 10% minimum Level 3 validation of data. A Level 1 examination assesses the completeness of the data as delivered from the analytical laboratory, identifies any reporting errors, and checks the usability of the data based on the analytical laboratory's evaluation of the data. A Level 2 verification evaluates the data to determine the extent to which the laboratory met the analytical method and the contract-specific quality control and reporting requirements. A Level 3 validation includes Levels 1 and 2 criteria and determines the effect of potential anomalies encountered during analysis and possible effects on data quality and usability. A Level 3 validation is performed manually with method-specific data validation procedures. Laboratory analytical data are validated by N3B personnel as outlined in N3B-PLN-SDM-1000; N3B-AP-SDM-3000: "General Guidelines for Data Validation"; N3B-AP-SDM-3014: "Examination and Verification of Analytical Laboratory Data"; and additional method-specific analytical data validation procedures. All associated validation procedures have been developed, where applicable, from the EPA QA/G-8 "Guidance on Environmental Data Verification and Data Validation," the Department of Defense/Department of Energy "Consolidated Quality Systems Manual for Environmental Laboratories," the EPA "National Functional Guidelines for Data Validation," and the American National Standards Institute/American Nuclear Society 41.5: "Verification and Validation of Radiological Data."

All analytical results for the Individual Permit storm water monitoring samples are available electronically from the Intellus New Mexico database (Intellus), available at <http://intellusnm.com/>. All Individual Permit data from Intellus can be retrieved using the «Search Data, Quick Search» menu item using the following conditions:

1. Select the data provider «Los Alamos National Laboratory».
2. Press «continue» to select «Analytical results» as the type of data to request.
3. Press «continue» to select «Water» as the type of samples to request.
4. Press «continue» to enter the date range November 1, 2010 to present as the time period to search.
5. Press «continue» to select «Use filters to find specific location, groups, or samples», then use the drop-down list to search for «Location groups», and use the «Find matching results» button to move «Individual Permit» from the list of available location groups to the list of selected location groups.
6. Press «continue» to select «All parameters».

7. Press «continue» to move available fields of interest to the selected fields list.
8. Then finally, press «continue» to view results in the grid, view results on a map, save query results to myIntelus, or download results.

4.0 COMPLIANCE STATUS

Permitted Sites and SMAs must achieve defined and conditional milestones to remain compliant with the terms of the Individual Permit.

In recognition of the number of Sites and the unique characteristics of each Site, Part I.E.4 of the Permit categorizes the Sites into high-priority Sites and moderate-priority Sites and establishes deadlines for corrective action based on this prioritization:

- Permittees are required to certify completion of corrective action at all high-priority Sites within 3 yr of the effective date of the Permit (October 31, 2013).
- Permittees are required to certify completion of corrective action at moderate-priority Sites within 5 yr of the effective date of the Permit (October 31, 2015).

The 3- and 5-yr deadlines may be modified by conditions described in Part I.E.3, Alternative Compliance; force majeure in Part I.E.4(b); or Part I.E.5, Additional Sampling Requirements; of the Permit.

Table 4-1 summarizes the significant milestones for compliance phases identified under the Individual Permit.

Because of the complexity of the Permit, where one Site may be contained within multiple SMAs, multiple compliance statuses may exist for one Site. Compliance status is reported by the unique Permit-defined SMA-to-Site relationship, referred to as the SMA/Site combination. Table 4-2 describes each of the 14 compliance status categories.

The Permit defines two major Permit phases: (1) baseline and (2) corrective action. SMAs and their associated Permit-defined Sites enter these two Permit phases as a unit. As of December 31, 2021, 74 SMAs were in the baseline Permit phase and 176 SMAs were in the corrective action Permit phase. As Table 4-2 shows, 2 compliance status categories are used to describe the baseline Permit phase at 74 SMAs, and 12 compliance status categories are used to describe the corrective action Permit phase at 176 SMAs. The corrective action Permit phase is initiated, and baseline Permit phase ends, with the exceedance of a TAL during baseline confirmation monitoring conducted at a SMA.

4.1 Compliance Status Changes

The Permit compliance status categories for the 2021 annual reporting period are summarized in Table 4-2 and are shown in Figure 4-1. Table 4-3 shows the SMA/Site combination compliance status for 461 SMA/Site combinations; note some SMA/Site combinations have dual paths.

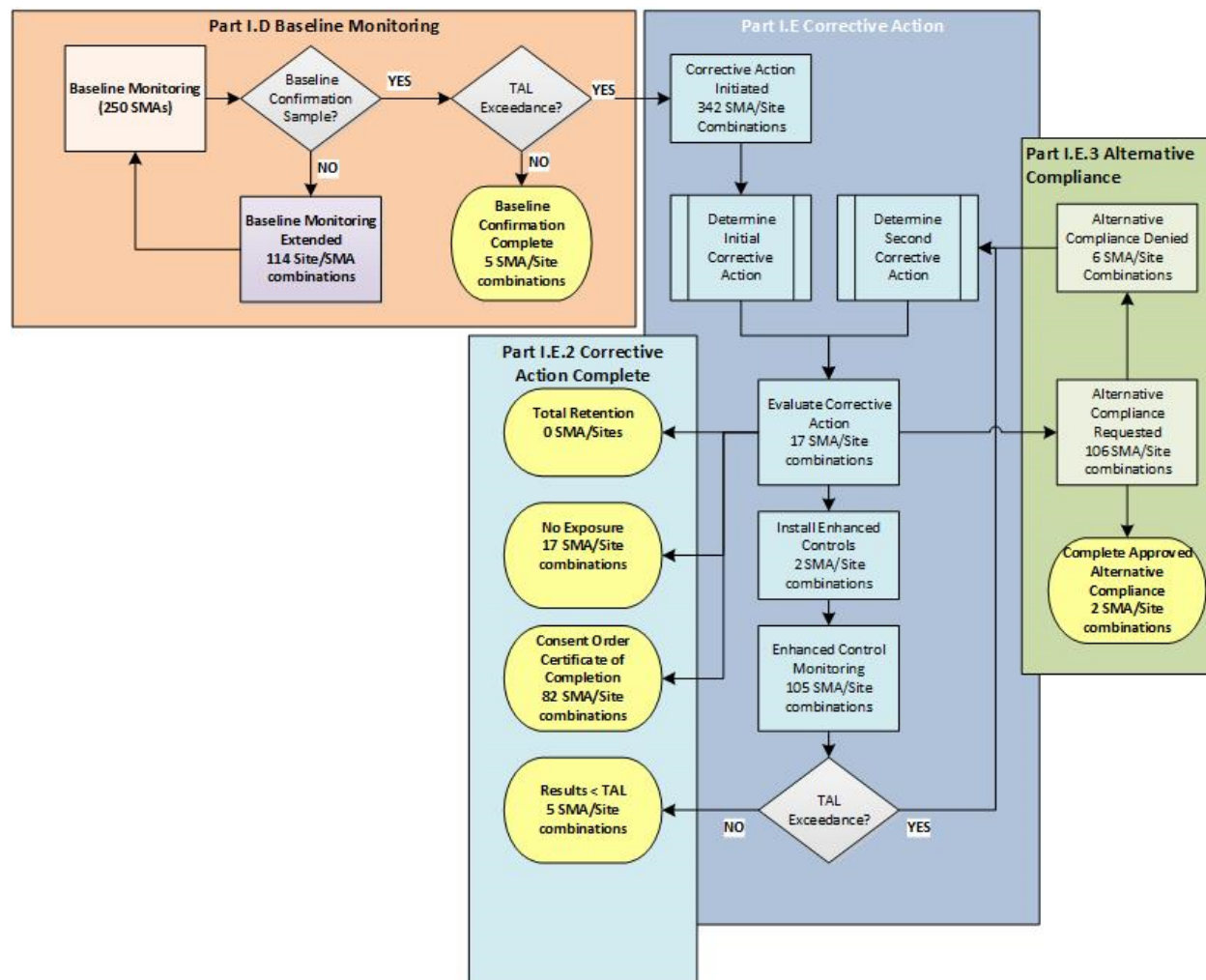


Figure 4-1 Permit compliance status as of December 31, 2021

4.1.1 Baseline Monitoring Extended

As of December 31, 2021, 71 SMAs, consisting of 114 SMA/Site combinations, remained in the baseline monitoring extended Permit phase. During 2021, baseline monitoring was completed at 2 SMAs, consisting of 2 SMA/Site combinations, which progressed them to the corrective action phase. The 114 corresponding records are coded with the compliance status MEx in Table 4-3.

4.1.2 Baseline Confirmation Complete

As of December 31, 2021, baseline confirmation is complete at three SMAs: CDV-SMA-2.5, PJ-SMA-14.8, and PJ-SMA-16. Analytical results for all pollutants of concern are at or below the MTALs or applicable MQLs, and the geometric means of all applicable sampling results are at or below the ATALs or the applicable MQLs, whichever is greater. No further sampling is required for the Sites within the applicable SMAs for the remaining period of the Permit, except as directed by Part I.E.5(c). These five SMA/Site combinations are coded with the compliance status BCComp [baseline confirmation monitoring complete per Part 1.D.4(b)] in Table 4-3.

Part I.E.1(d) of the Permit extends the compliance deadline for high-priority Sites. If no confirmation sample could be collected because of a lack of a measurable storm event before the second year of the Permit (or before September 30, 2012), then the compliance deadlines for corrective action under Part I E.4 shall be extended for a 1-yr period following the first successful confirmation sampling event.

4.1.3 Description of Corrective Actions Planned

As of December 31, 2021, corrective action is being planned following receipt of analytical results exceeding a TAL at 19 SMA/Site combinations. Corrective action has been initiated with the receipt of an analytical result greater than TAL from 2 measurable storm events collected at least 15 days apart, and the Permittees are in the planning phase to determine the appropriate corrective action. If a Site is coded with the compliance status of CAI in Table 4-3, corrective action has been initiated at that Site. If a Site is coded with the compliance status of S7 in Table 4-3, that Site is being evaluated for alternative analysis. If a Site is coded with the compliance status of BEC in Table 4-3, enhanced controls are being built at the Site. As of December 31, 2021, there are 2 Sites in CAI status, 15 Sites in S7 status, and 2 Sites in BEC status.

Table 4-4 summarizes all of these planned corrective actions.

4.1.4 Enhanced Control Monitoring

Enhanced control monitoring is occurring at 105 SMA/Site combinations where enhanced controls have been installed and fewer than 2 samples have been collected. Enhanced control monitoring will continue at each SMA until a minimum of 2 confirmation monitoring samples has been collected. In Table 4-3, the 105 corresponding SMA/Site combinations are coded with the compliance status CAM, CAM2, or CAM3, and in the Enhanced Control Monitoring Completion column, they are designated as “In process.”

4.1.5 Corrective Action Complete

As of December 31, 2021, corrective action was completed at 104 SMA/Site combinations. During 2021, corrective action was completed at 1 SMA/Site combination at M-SMA-13. Corrective action may be completed by certifying completion of activities described in Part I.E.2(a) through (d) of the Permit.

- A total of 5 SMA/Site combinations are coded with the compliance status CACompA in Table 4-3, indicating corrective action is complete with all analytical results below TALs.
- A total of 17 of these records are coded with the compliance status CACompC or CACompC-INV [corrective action is complete per Part I.E.2(c)] in Table 4-3, indicating corrective action is complete with a certification of no exposure. Note: Sites coded as CACompC-INV are not color-coded complete in Tables 4-2 and 4-3; an investigative sample is still required at those Sites before corrective action can be completed. Two CACompC-INV samples were collected in 2021.

- A total of 82 of these records are coded with the compliance status CACompD [corrective action is complete per Part I.E.2(d)] in Table 4-3, indicating corrective action is complete with a certificate of completion under the New Mexico Environment Department's (NMED's) Consent Order.

4.1.6 Alternative Compliance

When the Permittees are unable to certify completion of corrective action under Part I.E.2(a) through (d) of the Permit, Part I.E.3 allows the Permittees to file a written request for alternative compliance with EPA at least 6 months before the applicable deadlines to complete corrective action. The 106 SMA/Site combinations where alternative compliance has been requested are coded with the compliance status AltCompR (alternative compliance requested per Part I.E.3) in Table 4-3. The SMA/Site combinations PJ-SMA-4.05/09-005(g) and LA-SMA-4.1/01-003(b1) and 01-003(b2) are included in Table 4-3 although not currently permitted, as discussed in section 10.

Table 4-3 lists two SMA/Site combinations where alternative compliance has been approved, with the compliance status denotation AltCompA. These SMA/Site combinations remain in corrective action, and a request to remove these Sites from the Permit was submitted (LANL 2015, 600961). No approvals of alternative compliance were received from EPA in 2021.

4.1.7 Force Majeure Extension Requested

The Permittees have requested that EPA extend the deadline to complete corrective action as a result of force majeure under Part I.E.4(c) of the Permit. Under Part I.E.4(c), EPA may approve an extension to a deadline if the Permittees can demonstrate a force majeure has resulted in a delay in meeting the obligation to complete corrective action. Force majeure includes "the inability to obtain the necessary authorizations, approvals, permits or licenses due to an action or inaction by another governmental authority." Extensions to deadlines for force majeure conditions have been requested at 30 SMA/Site combinations, and requests are active at the 8 SMA/Site combinations coded with the compliance status FMCOG (force majeure certification of completion) in Table 4-3. No responses to pending force majeure requests were received from EPA during 2021.

4.1.8 Site Deletions Requested

A total of 12 site deletions requests have been submitted to EPA.

A request to delete six Sites—00-011(c), C-00-020, 16-030(c), 35-016(m), C-46-001, and 35-004(h)—from the Permit pursuant to Part 1.I.2 as a minor Permit modification was made on October 14, 2015 (LANL 2015, 600952). The six Sites either did not use industrial materials, or industrial materials were remediated so that storm water is not impacted. No response to this request was received from EPA in 2021.

A request to remove four Sites—16-010(b), 16-010(c), 16-010(d), and 16-018—from the Permit was made on October 21, 2015 (LANL 2015, 600962). The four Sites are no longer RCRA corrective action units but are hazardous waste management units and therefore cannot be regulated under the Permit. If the modification request is approved, Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 will no longer be regulated under the Individual Permit. No response to this request was received from EPA in 2021.

Another request to remove two Sites—03-045(b) and 03-045(c)—in S-SMA-2 from the Permit was made on October 21, 2015 (LANL 2015, 600961). The Sites are active outfalls that are permitted under the Laboratory's NPDES Permit No. NM0028355 for industrial and sanitary outfalls. Upon approval of this Permit modification request, Sites 03-045(b) and 03-045(c) will no longer be regulated under the Individual Permit. No response to this request was received from EPA in 2021.

The aforementioned Site deletion requests were reiterated in the Permittees' July 15, 2019, Permit reapplication.

4.2 Analytical Reporting

4.2.1 MTAL Exceedance Notification (24-hr reporting)

Part II.B of the Permit requires that exceedances of MTALs for any applicable pollutants be reported to EPA Region 6 and NMED's Surface Water Quality Bureau (NMED-SWQB) within 24 hr of the time the Permittees become aware of the exceedance. In 2021, EPA Region 6 and NMED-SWQB were notified within 24 hr of receipt of results of each MTAL exceedance via email as listed in Table 3-2.

- The MTAL exceedance notification for copper at CHQ-SMA-6 was reported to EPA on July 07, 2021.
- The MTAL exceedance notification for copper at PJ-SMA-5 was reported to EPA on July 07, 2021.
- The MTAL exceedance notification for copper at CHQ-SMA-1.02 was reported to EPA on July 09, 2021.
- The MTAL exceedance notification for copper at PJ-SMA-11 was reported to EPA on July 28, 2021.
- The MTAL exceedance notification for copper at CHQ-SMA-6 was reported to EPA on August 26, 2021.
- The MTAL exceedance notification for copper at PJ-SMA-3.05 was reported to EPA on August 31, 2021.
- The MTAL exceedance notification for copper at PJ-SMA-9 was reported to EPA on August 31, 2021.
- The MTAL exceedance notification for copper and silver at STRM-SMA-4.2 was reported to EPA on August 31, 2021.
- The MTAL exceedance notification for aluminum and copper at F-SMA-2 was reported to EPA on October 05, 2021.
- The MTAL exceedance notification for aluminum and copper at M-SMA-13 was reported to EPA on October 05, 2021.
- The MTAL exceedance notification for copper at PJ-SMA-11 was reported to EPA on October 05, 2021.
- The MTAL exceedance notification for copper at PJ-SMA-11.1 was reported to EPA on October 05, 2021.
- The MTAL exceedance notification for copper at PT-SMA-2 was reported to EPA on October 05, 2021.
- The MTAL exceedance notification for copper and lead at S-SMA-6 was reported to EPA on October 05, 2021.
- The MTAL exceedance notification for aluminum and copper at T-SMA-1 was reported to EPA on October 05, 2021.
- The MTAL exceedance notification for aluminum at W-SMA-11.7 was reported to EPA on October 05, 2021.

4.2.2 Confirmation Monitoring Results Following Enhanced Control Installation (30-day reporting)

Part I.E.1(c) of the Permit requires the reporting of the first confirmation monitoring results obtained following installation of enhanced controls to EPA within 30 days of receipt of results.

- The first sampling results from samples collected at CHQ-SMA-1.02, CHQ-SMA-6, and PJ-SMA-5 were submitted to EPA on August 06, 2021 (N3B 2021, 701568).
- The first sampling results from samples collected at PJ-SMA-11 were submitted to EPA on August 27, 2021 (N3B 2021, 701597).
- The first sampling results from samples collected at PJ-SMA-9 and STRM-SMA-4.2 were submitted to EPA on September 29, 2021 (N3B 2021, 701687).
- The first sampling results from samples collected at CDB-SMA-1 and CHQ-SMA-0.5 were submitted to EPA on October 08, 2021 (N3B 2021, 701714).
- The first sampling results from samples collected at CDV-SMA-7, CDV-SMA-9.05, F-SMA-2, PJ-SMA-11.1, PT-SMA-2, and S-SMA-6 were submitted to EPA on November 04, 2021 (N3B 2021, 701754).

4.3 Website Updates

Part I.I.7(a) of the Permit requires the Permittees to establish a website allowing public access to this annual report and other specified documents. The website is located at <https://ext.em-la.doe.gov/IPS/>.

In 2021, the following documents were added to the Individual Permit web page on N3B's public website:

- Updates for 2020 to the Overview and Revision 1 volumes of the SDPPP (<https://ext.em-la.doe.gov/IPS/Home/SDPPP>).
- Maps for each SMA showing surface hydrological features, locations of Sites, sampler control measures, roads and structures, and other information (<https://ext.em-la.doe.gov/IPS/Home/SiteMonitoringAreaMaps>).
- 24-hr MTAL exceedance reports, previous years' annual reports, compliance status reports, and watershed performance and sediment monitoring reports (<https://ext.em-la.doe.gov/IPS/Home/Reports>).
- Certificates of completion of enhanced and baseline controls installed for the Individual Permit (<https://ext.em-la.doe.gov/IPS/Home/ConstructionCertifications>).
- Documents certifying completion of corrective action (<https://ext.em-la.doe.gov/IPS/Home/CorrectiveAction>).
- Documents related to requests for alternative compliance (<https://ext.em-la.doe.gov/IPS/Home/AlternativeCompliance>).
- Agendas and presentations from public meetings (<https://ext.em-la.doe.gov/IPS/Home/PublicMeetings>).
- Documents supporting the Permit renewal application (<https://ext.em-la.doe.gov/IPS/Home/RenewalApplication>).

4.4 Email Notification

Part I.I.7(b) of the Permit requires the Permittees to establish a mechanism for the public to subscribe to email notifications about compliance with the Permit on the public website. The Subscribe function is available on the Individual Permit website (<https://ext.em-la.doe.gov/IPS>).

4.5 Public Meetings

Part I.I.7(c) of the Permit establishes a requirement for public meetings to be held approximately every 6 months. Public meetings are advertised through the email notification process and in local newspapers. In 2021, public meetings were held on June 16 and November 30. The agenda and presentation notes for meetings held in 2021 are available on the Individual Permit website (<https://ext.em-la.doe.gov/IPS/Home/PublicMeetings>).

4.6 Permit Renewal Application

On July 15, 2019, the Permittees submitted a renewal application for the Permit. The revision includes soil characterization and storm water sample results from 2014 through 2018 that were not available in the original application. The Permittees have also completed a DQO process for legacy data (2017) and completed a draft sampling implementation plan process with NMED-SWQB (2016–2018), which was incorporated into the revised application. The revised application incorporates clear corrective action pathways and well-defined endpoints, which the Permittees believe will simplify Permit execution. The revised application remains protective of water quality and includes regulator, stakeholder, and EPA involvement (N3B 2019, 700507).

The Permit expired March 31, 2014. The Permittees are currently executing requirements under an administratively continued Permit so that existing Permit conditions will be in effect until a new Permit is issued. EPA submitted the draft Permit for public comment on November 27, 2019. The comment period was extended until November 2, 2020. EPA held a public meeting and hearing to discuss the draft Permit on October 26, 2020. The Permittees provided comments on the draft Permit on November 2, 2020 (N3B 2020, 701086). On November 30, 2020, NMED issued the state certification of the Individual Permit NM0030759 (NMED 2020, 701162). The Permittees submitted a petition for review of the state certification to the New Mexico Secretary of the Environment on December 30, 2020, and submitted comments on the state certification to EPA and NMED on January 12, 2021. The Permittees entered discussions with NMED regarding the state certification, and on December 30, 2021 a settlement agreement was signed by NMED and the Permittees.

5.0 CORRECTIVE ACTION ACTIVITIES

If confirmation monitoring sample results demonstrate that one or more TALs are exceeded at a Site, Part I.E of the Permit requires the Permittees to initiate corrective action. Completion of corrective action consists of one of the following:

- confirmation monitoring results below TALs following installation of enhanced control measures,
- total retention of storm water discharges from the Site,
- total elimination of exposure of pollutants to storm water at the Site, or
- receipt of an NMED-issued certificate of completion under the Consent Order.

Part I.E.4 of the Permit categorizes the Sites into high-priority Sites and moderate-priority Sites and establishes deadlines for corrective action based on this prioritization.

- If a baseline confirmation monitoring sample was not collected by September 30, 2012, the Permittees are required to certify completion of corrective action at high-priority Sites within 1 yr following receipt of results from the first successful confirmation sampling event. To date, corrective action has been completed at 22 SMA/high-priority Site combinations with either certification of no exposure, certification of receipt of a certificate of completion under NMED's Consent Order, or a request that a Site be deleted from the Permit. Corrective action has been completed at 2 more Sites via AltCompR, and at 3 more Sites via CAComp-INV. Completion of corrective action is pending at 22 SMA/high-priority Site combinations where enhanced controls have been installed; confirmation monitoring is continuing at these Sites to collect 2 samples in order to complete corrective action. Extended baseline monitoring is continuing at 14 SMA/high-priority Site combinations.
- Permittees are required to certify completion of corrective action at moderate-priority Sites within 5 yr of the effective date of the Permit (October 31, 2015).

To date, corrective action has been completed through the following methods:

- confirmation monitoring results below TALs following installation of enhanced control measures at 5 SMA/Site combinations,
- certification of no exposure at 17 SMA/Site combinations, and
- certificates of completion under NMED's Consent Order at 82 SMA/Site combinations.

In total, corrective action has been completed at 104 SMA/Site combinations.

In addition, the Permittees have initiated but not completed corrective action via the following methods:

- certification of enhanced controls and subsequent monitoring at 105 SMA/Site combinations,
- submittal of a force majeure extension request pending receipt of a certificate of completion under NMED's Consent Order at 8 SMA/Site combinations,
- submittal of an alternative compliance request at 106 SMA/Site combinations,
- evaluation of corrective action at 17 SMA/Site combinations (S7 and CAI status), and
- installation of enhanced controls at 2 SMA/Site combinations.

In total, corrective action has been initiated but not completed at 238 SMA/Site combinations.

Note: In any case where corrective action has been completed and monitoring has ceased, corrective action and monitoring will resume if new evidence of contaminated runoff is identified, per Part I.E.5(c) of the Permit. To date, this scenario has not been encountered.

5.1 Enhanced Control Certification

Part I.E.1(a) of the Permit specifies that completion of corrective action may entail the design and installation of enhanced control measures—either additional, expanded, or better-tailored—that can reasonably be expected to achieve compliance with TALs for all Sites within an SMA drainage area. After certification of installation of enhanced controls, the Permittees must attempt to collect at least two confirmation monitoring samples (one confirmation sample shall be collected during each of at least two separate measurable storm events occurring at least 15 days apart). If either validated confirmation

analytical result for any specific pollutant of concern exceeds applicable TALs, the Permittees shall conduct visual inspections for all Sites within the SMA drainage area, reevaluate the existing control measures, and initiate further measures to achieve completion of corrective action as soon as practicable.

In 2021, installation of enhanced controls was completed at 12 SMAs.

- The certification of enhanced controls for PJ-SMA-11 was submitted to EPA on March 30, 2021 (N3B 2021, 701352).
- The certification of enhanced controls for CHQ-SMA-1.02, CHQ-SMA-2, and CHQ-SMA-7.1 was submitted to EPA on April 21, 2021 (N3B 2021, 701388).
- The certification of enhanced controls for 3M-SMA-0.2, CDV-SMA-2.42, LA-SMA-5.2, PT-SMA-2, and STRM-SMA-1.5 was submitted to EPA on July 15, 2021 (N3B 2021, 701533).
- The certification of enhanced controls for CHQ-SMA-4 was submitted to EPA on October 12, 2021 (N3B 2021, 701717).
- The certification of enhanced controls for A-SMA-1.1 and A-SMA-3 was submitted to EPA on December 7, 2021 (N3B 2021, 701797).

A summary of the controls installed and certified at these SMAs is included in Table 5-1. The certification of enhanced controls signifies a compliance status change and monitoring status change at the SMA.

In cases where enhanced control confirmation sampling shows all analytical results to be below TALs after installation of enhanced control measures, corrective action may be completed per Part I.E.2(a) of the Permit. As of December 31, 2021, corrective action had been completed using this permitted pathway at 5 SMA/Site combinations as listed in Table 4-3 under the compliance status category CACompA.

5.2 Total Retention

Part I.E.2(b) of the Permit specifies that completion of corrective action may also be achieved through installation of control measures that “totally retain and prevent the discharge of storm water” from a Site. No further confirmation sampling is required under this option unless required by Part I.E.5(c) of the Permit.

Design of a storm water management system to complete corrective action using the total retention alternative requires that a specific storm water volume be determined for which retention is to be provided. This storm water volume is calculated uniquely based on precipitation depth over a specified area and the unique conditions of each SMA. However, the Permit does not define the criteria to be used for storm event total precipitation or intensity to meet the definition of total retention. Therefore, no Site has been certified to meet the requirements of total retention under the Permit.

5.3 No Exposure

Part I.E.2(c) of the Permit specifies that completion of corrective action may be accomplished through the installation of control measures to totally eliminate exposure of pollutants to storm water at a Site. As of December 31, 2021, corrective action was complete at 17 SMA/Site combinations with certification of control measures to totally eliminate exposure of pollutants under Part I.E.2(c) of the Permit, as listed in Table 4-3. No-exposure certification was not used to complete corrective action at any SMAs/Sites during 2021.

Part I.H.2(g) of the Permit requires that the annual report identify Sites that meet No-exposure status.

Part I.E.1(b) of the Permit requires that once the measures to totally eliminate exposure of pollutants to storm water at a Site are installed, certified, and demonstrated to perform their function, the Permittees shall collect one sample and make the analytical results available via email notification and on the public website.

As of January 1, 2021, one sample had been collected at each of eight SMAs and the results posted on the public website per Part I.E.1(b) of the Permit. During 2021, samples were collected at PJ-SMA-19 and T-SMA-1. Monitoring to collect a sample per Part I.E.1(b) has been completed at 10 SMAs (13 SMA/Site combinations) and is ongoing at two SMAs, CDB-SMA-4 and PT-SMA-2.01 (four SMA/Site combinations), as shown in Table 4-3. PT-SMA-2.01 has one Site in corrective action monitoring status (CAM) and a second Site in investigative monitoring following no exposure (CACompC–Inv), and the primary status for the SMA is CAM.

5.4 Certificate of Completion under NMED's Consent Order

Part I.E.2(d) of the Permit specifies a fourth option for completing corrective action: demonstrating that the Site has achieved RCRA Corrective Action Complete Without Controls/Corrective Action Complete With Controls status or has obtained a certificate of completion under NMED's Consent Order. Once a certificate of completion under the Consent Order has been received, the Permittees may certify completion of corrective action to EPA at Sites after a sample has been collected in the current Permit phase.

Sites in the baseline monitoring Permit phase that have received a certificate of completion may be certified corrective action complete under the Permit when they enter the corrective action stage. After certification of completion of corrective action, no further confirmation sampling is required, except as specified by Parts I.E.5(c) and I.2(b) of the Permit.

Part I.H.2(h) of the Permit requires that the annual report identify sites that meet Corrective Action Complete Without Controls/Corrective Action Complete With Controls criteria under RCRA or that have been issued a certificate of completion under the NMED Consent Order.

As of December 31, 2021, 124 SMA/Site combinations had been issued certificates of completion under the Consent Order. During 2021, one SMA/Site combination was certified corrective action complete through receipt of the certificate of completion under the Consent Order per Part I.E.2(d) of the Permit.

A summary of the 124 SMA/Site combinations with certificates of completion under NMED's Consent Order follows:

- At 82 SMA/Site combinations, corrective action is complete under Part I.E.2(d) of the Permit through a certificate of completion under the Consent Order. These Sites are listed in the Compliance Status column in Table 4-3 with the compliance status category of CACompD [corrective action is complete per Part I.E.2(d)].
- A total of 33 SMA/Site combinations with certificates of completion under the Consent Order are being actively monitored in the MEx Permit phase [extended baseline monitoring per Part I.E.5(d)] and are therefore not eligible for completion of corrective action until corrective action can be initiated. These Sites are listed in Table 4-3 with the compliance status category of MEx.
- A total of 2 SMA/Site combinations with certificates of completion under the Consent Order are being actively monitored in the Corrective Action Permit phase and are therefore not eligible for completion of corrective action until a sample has been collected. These Sites are listed in Table 4-3 with the compliance status category of CAM.

- At 7 SMA/Site combinations a certificate of completion under the Consent Order has been received from NMED. Before receipt of a certificate of completion under the Consent Order, these Sites were submitted as part of an alternative compliance request. These Sites are listed in Table 4-3 with the compliance status category of AltCompR (alternative compliance is requested per Part I.E.3).

5.5 Evidence of Contaminated Runoff Where Monitoring Has Ceased

Part I.E.5(c) of the Permit requires that if a Site where monitoring has ceased later exhibits any of the following conditions, the Permittees shall initiate appropriate actions to correct the identified problems within 30 days of becoming aware of the situation:

- evidence of discharge of contaminated runoff,
- conditions that could lead to a discharge of contaminated runoff, or
- other monitoring data that show an exceedance of applicable TALs.

As of December 31, 2021, none of these conditions has been identified at any Site where monitoring has ceased.

5.6 Force Majeure Requests and Notifications

The Permittees may seek EPA approval for an extension to a deadline when a force majeure event causes a delay in meeting the obligation to confirm completion of corrective action by a specified deadline. The force majeure condition is described in Part I.E.4(c) as “the inability to obtain the necessary authorizations, approvals, permits and or licenses due to an action or inaction by another governmental authority.” No requests for extension due to force majeure events were submitted in 2021. Since the beginning of the Permit, force majeure requests have been made for 30 SMA/Site combinations; Table 4-3 presents a cumulative listing of Sites and their associated SMAs with force majeure requests identified as FMCO.

6.0 ALTERNATIVE COMPLIANCE

At Sites where the Permittees are unable to certify completion of corrective action under Part I.E.2(a) through (d) of the Individual Permit, Part I.E.3 allows the Permittees to request the Sites be placed into alternative compliance. Requests for alternative compliance have been made under two conditions:

- Permittees are unable to certify completion of corrective action when non-site-related nonpoint sources are the cause of a TAL exceedance, or
- Permittees are unable to certify completion of corrective action when the natural background concentration of a pollutant of concern is the cause of a TAL exceedance.

As of January 1, 2021, alternative compliance had been requested at 106 SMA/Site combinations. No additional alternative compliance requests were submitted in 2021. Table 4-3 presents a cumulative listing of the SMA/Site combinations with outstanding requests for alternative compliance. As of December 31, 2021, responses from EPA are pending at 106 SMA/Site combinations.

7.0 SUMMARY OF INSPECTIONS

This section summarizes activities undertaken by the Permittees during the 2021 annual reporting period to meet the requirements for six types of inspections specified in Part I of the Permit.

Part I.H.2(k) of the Permit requires that the annual report summarize inspections performed in accordance with Part I G.1 (Erosion Inspections and Reevaluation) and G.2 (Post-Storm Inspection) as well as any visual inspections performed under Part I E.1 (Confirmation Results above Target Action Levels).

- Post-Storm Inspections – Part I.G.2: Inspections of control measures at any Site affected by a storm rain event are reported in section 7.1 of this report.
- Annual Erosion Evaluation Inspections – Part I.G.1: Annual Site-specific inspections for changes of conditions affecting erosion are reported in section 7.2 of this report.
- Significant Event Inspections – Part I.G.1: Site-specific inspections after notice of a significant event that could impact the control measures are reported in section 7.3 of this report.
- Visual Inspections for TAL Exceedance – Part I.E.1: Visual inspections for all Sites at SMAs where TAL exceedances have been observed are reported in section 7.4 of this report.
- Remediation Construction Activity Inspections – Part I.I.1: Weekly inspections to ensure sediment and runoff control measures are maintained in good order at Sites where remediation construction activities, such as installation of control measures, cause soil disturbance are reported in section 7.5 of this report.
- Sampler Operability and Inspections – Part I.D.3: Sample retrieval and inspections of sampling equipment operability are reported in section 7.6 of this report.

7.1 Post-Storm Inspections

Part I.G.2 of the Permit requires that the facility's Pollution Prevention Team (PPT) inspect control measures and storm water management devices at any Site affected by a storm rain event within 15 calendar days after such an event. A storm rain event is defined as a 0.25-in. or more intensive rain event occurring within 30 min. If several storms exceeding the above intensity threshold occur within 15 days from the first event, a single inspection following these storms is sufficient for compliance, provided the inspection occurs no more than 15 days from the date of the first storm.

Precipitation data are collected year-round at meteorological towers across the Laboratory. In addition, an extensive seasonal rain gage network is deployed from April to November when rain precipitation is most likely to occur on the Pajarito Plateau. With the use of a geospatial information system, SMAs are given a seasonal assignment to an individual rain gage by means of the Thiessen polygon method. The use of the extended rain gage network directs the PPT response to only those SMAs where precipitation exceeds the established threshold. Table 7-1 lists the rain gages in use for the 2021 season and the number of SMAs assigned to each rain gage. Table 1-2 details the rain gages assigned to each SMA and Site. Procedures for managing precipitation data are described in more detail in the SDPPP.

In 2021, 1223 individual post-storm inspections were conducted at SMAs in response to storm rain events.

During the monsoon season (July through September), several storm rain events occurred within 15 days of the first event. As allowed by the Permit, a single inspection following these storms was conducted no more than 15 days from the date of the first storm. Table 7-2 indicates where the PPT inspected control

measures and storm water management devices during a single inspection following two or more closely spaced storm rain events.

7.2 Annual Erosion Evaluation Inspections

Part I.G.1 of the Permit requires that the facility's PPT inspect and evaluate each Site annually for changes of conditions affecting erosion. Table 7-3 summarizes each of the 2021 annual erosion evaluation inspections at the 250 SMAs and all their associated Sites. Annual inspections were started in June and continued through August.

7.3 Significant Event Inspections

The facility's PPT must inspect and reevaluate all Sites after notice of a significant event, such as a fire or flood, which could significantly impact control measures and environmental conditions in the affected area. Table 7-4 summarizes the three significant event inspections conducted in 2021.

7.4 Visual Inspections for TAL Exceedance

Part I.E.1(a) of the Permit requires that after baseline or enhanced control measures are installed, the Permittees shall conduct visual inspections of all Sites within the SMA drainage area if any validated sample analytical result for a specific pollutant of concern at a particular SMA is greater than the applicable MTAL (or applicable MQL, whichever is greater); or if the average of all applicable sampling results is greater than the applicable ATAL (or applicable MQL, whichever is greater). Table 7-5 summarizes the 20 visual inspections for TAL exceedances conducted during 2021 and the resulting recommendations.

7.5 Remediation Construction Activity Inspections

Part I.I.1 of the Permit requires that if soil must be disturbed to install a control measure, the Permittees shall take all necessary steps to minimize migration of sediments and runoff from disturbed Sites. To comply with this requirement, the Permittees inspect weekly when any soil-disturbing activities are conducted within a SMA drainage to ensure sediments and runoff control measures are maintained in good order. Corrective actions shall be made immediately if deficiencies of control measures are noticed by either inspectors or contractors. Table 7-6 presents the 178 remediation construction activity inspections for soil disturbances conducted at 14 SMAs in 2021.

7.6 Sampler Operability and Inspections

Part I.D.3 of the Permit describes the procedures for collecting storm water samples to fulfill the requirements of confirmation monitoring. The facility's PPT uses programmable Model 3700 portable samplers from Teledyne ISCO to collect storm water. Each sampler is configured with a Model 1640 Liquid Level Actuator and is powered by a sealed rechargeable 12-V, 35-amp-hr lead-acid battery. Samples are collected in 1-L certified clean polyethylene or glass bottles, as approved for use under 40 CFR Part 136 for the analysis being performed.

Beginning March 17, 2021, the Permittees started activating sampling equipment to continue ongoing confirmation monitoring. Sampling equipment was shut down during the year as sampling requirements were fulfilled. To prevent damage to equipment during the winter months and to avoid collecting snowmelt, sampler deactivation was completed on November 24, 2021. During periods when samplers were active, inspections were conducted to confirm sampler operability and to retrieve storm water collected from measurable storm events. Samples from measurable storm events were placed on blue ice

during retrieval from the field and refrigerated at a temperature less than or equal to 6°C before filtration, preservation, and shipment to off-site subcontracted analytical laboratories.

On average in 2021, the 250 IP SMAs experienced 21 storm events equaling or exceeding 0.1 in. in 24 hr. At the Laboratory's lower elevations, as few as 14 storms exceeded 0.1 in. in 24 hr at the rain gage at RG340, and at higher elevations, 26 storms exceeded 0.1 in. in 24 hr at RG-TA-06. Where monitoring was required, 80 sampler-days with precipitation greater than 0.1 in. were not monitored because sampling equipment was inoperable as described in Table 7-7. In 2021, sampling equipment was inspected on 884 different occasions. Samplers were capable of collecting measurable discharges during 798 inspections. In the aggregate, the sampling equipment was capable of collecting measurable discharge during 90% of inspections.

During inspections, the samplers could not collect measurable discharge under the following circumstances, resulting in the possible loss of sampler-days of operability, as noted.

- Table 7-7 reports four sampler inspections at four SMAs when samples were collected with insufficient volume to fulfill all required analyses. The samples collected could not be used for confirmation monitoring per Part 1.D.3 of the Permit. This resulted in the loss of 45 sampler-days (sum of all samplers) of operability for the four SMAs combined. During the time when the samplers were inoperable, 6 sampler-days (sum of all samplers) with precipitation events exceeding 0.1 in. in 24 hr occurred.
- Table 7-7 reports 24 sampler inspections at 21 SMAs conducted when the sampling equipment malfunctioned and required repairs, or sampler reactivations were delayed after the 15-day pause after confirmation monitoring sample collection, resulting in the loss of as many as 302 sampler-days (sum of all samplers) of operability for the 21 SMAs combined. During the time when samplers were inoperable, 39 sampler-days (sum of all samplers) with precipitation events exceeding 0.1 in. in 24 hr occurred.
- Table 7-7 reports 52 sampler inspections at 25 SMAs when the sampling equipment was triggered to collect storm water but measurable discharge was not collected, resulting in the loss of as many as 262 sampler-days (sum of all samplers) of operability for the 25 SMAs combined. Measurable discharge is not collected when the water depth is insufficient to completely submerge the sampler intake or the sampler intake becomes clogged. During the time when samplers were inoperable, 23 sampler-days (sum of all samplers) with precipitation events exceeding 0.1 in. in 24 hr occurred.
- Table 7-7 reports four sampler inspections at three SMAs when samples collected exceeded hold times before retrieval from the field. The samples collected could not be used for confirmation monitoring per Part 1.D.3 of the Permit. This resulted in the loss of 130 sampler-days (sum of all samplers) of operability for the three SMAs combined. During the time when the samplers were inoperable, 8 sampler-days (sum of all samplers) with precipitation events exceeding 0.1 in. in 24 hr occurred.
- Table 7-7 reports two instances at two SMAs when samples arrived at the analytical laboratory above the required temperature due to a delay by the shipping company. The samples collected could not be used for confirmation monitoring per Part 1.D.3 of the Permit. This resulted in the loss of 22 sampler-days (sum of all samplers) of operability for the two SMAs combined before the samplers were reactivated to continue monitoring. During the time when the samplers were inoperable, 4 sampler-days (sum of all samplers) with precipitation events exceeding 0.1 in. in 24 hr occurred.

During 2021, the Permittees fully implemented the use of radio telemetry units (RTUs). RTUs are installed at 124 locations in the field to support the IP monitoring requirements. A total of 101 RTUs are installed at locations monitored in 2021 and an additional 23 are installed at inactive locations, where they act as mesh or repeater coverage for the network. IP monitoring was conducted at 139 locations in 2021. Although not all of these 139 locations have an RTU, the current RTU network provides coverage for the entire IP program, with some units acting as “canary units” because of proximity to unequipped monitoring locations. The IP RTU network is used to identify potential sample collection and communicate the state of operability at samplers to support retrieval of samples to meet 40 CFR 136–required holding times and reduce downtime from damaged and triggered samplers.

Before the implementation of the mesh RTU network, IP monitoring location inspections were prioritized based on precipitation data from the extended rain gage telemetry network. Because of the varying differences in landscapes (e.g., pervious and impervious surfaces, developed and undeveloped areas) that drain directly to an SMA sampling point, measurable discharge can be generated from precipitation less intense than that required to trigger a post-storm inspection of control measures (i.e., 0.25 in. within 30 min). To ensure that samples are retrieved within 40 CFR 136–required holding times during less intense events, samplers were inspected for the presence of storm water on a graded precipitation intensity scale ranging from 0.1–0.25 in. within 30 min and a graded total accumulation scale ranging from 0.25–1.5 in. within 24 hr. In 2019 we began transitioning to using the RTU network, and implemented it fully in 2022.

8.0 SUMMARY OF SDPPP CHANGES

The Permit requires that the SDPPP be updated annually to fully incorporate all changes made during the previous year and to reflect any changes projected for the following year. The original SDPPP was published and submitted to EPA on April 30, 2011, as required by Part I.F.4 of the Permit. The first revision (Revision 1) of the SDPPP was completed by and submitted to EPA by May 1, 2012. The 2013 annual update to the SDPPP, Revision 1, was published by May 1, 2014. The 2014 annual update to the SDPPP, Revision 1, was published by May 1, 2015. The 2015 annual update to the SDPPP, Revision 1, was published by May 1, 2016. The 2016 annual update to the SDPPP, Revision 1, was published by May 1, 2017. The 2017 annual update to the SDPPP, Revision 1, was published by May 1, 2018. The 2018 annual update to the SDPPP, Revision 1, was published by May 1, 2019. The 2019 annual update to the SDPPP, Revision 1, was published by May 1, 2020. The 2020 annual update to the SDPPP, Revision 1, was published by May 1, 2021.

Part I.F.3 of the Permit requires that the Permittees keep, at a minimum, documents and records with the SDPPP as necessary to reflect the following:

- a. Construction or a change in design, operation, or maintenance at the facility having a significant impact on the discharge, or potential for discharge, of pollutants from the facility;
- b. Findings of deficiencies in control measures during inspection or based on analytical monitoring results;
- c. Any change of monitoring requirement or compliance status;
- d. Any change of SMA location; and
- e. Summary of changes from the previous year’s SDPPP.

If any of the circumstances described above occur at any Site, the Permittees must address these changes or deficiencies to ensure compliance with Permit conditions and applicable monitoring requirements. All changes must be incorporated into the SDPPP, and a summary of these changes must be included in the annual report.

The 2021 annual update to the SDPPP, Revision 1, will be published by May 1, 2022. The following sections summarize the changes to the SDPPP associated with the requirements in Part I.F.3 of the Permit.

8.1 Activities Impacting Discharge

Per Part I.F.3 (a) of the Permit, the annual report summarizes construction or changes in design, operation, or maintenance at the facility having a significant impact on the discharge, or potential for discharge, of pollutants from the facility. In 2021, facility-managed construction activities potentially impacted Site discharges at 14 SMA shown in Table 7-6. A total of 178 remediation construction activity inspections for soil disturbances were conducted at these SMAs in 2021.

8.2 Findings of Deficiency

The Permit specifies that findings of deficiency in control measures will be summarized in the annual report. A control measure deficiency is created when identified needs for maintenance or repair are not completed during the year. In 2021, the Permittees were not able to complete planned maintenance activities at 1 SMA within the calendar year. The TAL exceedance inspection at CHQ-SMA-0.5, conducted on October 29, 2021, recommended maintenance at multiple controls. The maintenance scope was defined and issued for field implementation on November 18, 2021, and was originally scheduled for completion by December 17, 2021. On November 17, 2021, the Permittees were notified that access to the Site would not be available until at least December 15, 2021 due to facility operations. The Permittees received notification of resumption of Site access on December 20, 2021. Site access was also restricted due to the LANL holiday closure from December 27 through December 31, 2021. Additionally, winter conditions began the first week of January, 2022. Attempts were made the next two weeks of January, but winter weather conditions precluded the work from being completed safely. The maintenance activity was completed on January 24, 2022.

Details of the type and timeliness of maintenance completed during 2021 at each SMA are included in the SDPPP.

8.3 Change of Monitoring Requirements or Compliance Status

As discussed in section 4 of this report, Sites were categorized into 14 compliance status categories in 2021 consisting of 2 compliance status categories in the baseline Permit phase and 12 in the corrective action Permit phase. A change in the compliance status of a Site reflects movement between these compliance status categories. Section 4 of this report summarizes the compliance status of Sites and SMAs as of December 31, 2021; the Site compliance status will be included in the 2021 SDPPP annual update. Changes in monitoring requirements are summarized in section 3 of this report, specifically identifying the SMAs where baseline confirmation monitoring has been completed and those SMAs where baseline monitoring will continue.

8.4 SMA Location Change

Minor sampler relocations were made at five SMAs during 2021, as allowed by Part I.D.2 of the Permit. The samplers relocated in 2021 are listed in Table 8-1. All sampler moves resulted in either minor increases or decreases in the drainage area of the SMA. Sampler coordinates and SMA drainage areas are updated in Attachment 4 of the SDPPP, Physical Characteristics, in each volume of the SDPPP. The Site monitoring requirements listed in Appendix B of the Permit are renewed following sampler moves.

8.5 Annual SDPPP Update

The Permittees must update the SDPPP annually to incorporate changes made during the previous year, per Part I.F.3 and F.4 of the Permit. Changes from the 2020 to the 2021 Update to the SDPPP, Revision 1, involve the following activities:

- Update descriptions of Site and SMA conditions and features, including:
 - ❖ new or replaced BCMs to describe current control measures,
 - ❖ Site boundary changes, and
 - ❖ minor sampler movements.
- Update Site maps to reflect changes in current control measures and Site characteristics.
- Update change of Site-specific compliance status, including identifying Sites that require corrective action per Part I.E of the Permit.
- Include schedule for installing additional control measures.
- Update information on monitoring and inspection schedules and procedures.
- Include precipitation data from the previous year.
- Add training information.
- Discuss records and documents associated with the requirements in Part I.F.3 of the Permit.
- Update references and procedural documents.
- Correct typographical and other scrivener errors.

Table 8-2 summarizes the types of changes made to each of the five volumes of the SDPPP from January 1 to December 31, 2021. These changes will be incorporated into the 2021 update to the SDPPP, Revision 1, to be issued by May 1, 2022.

9.0 IDENTIFICATION OF NONCOMPLIANCE

Post-storm inspections for the August 26, 2021, rain event at six SMAs were conducted greater than 15 days from the storm rain event because of an administrative error. SMAs 3M-SMA-2.6, 3M-SMA-4, PJ-SMA-13, PJ-SMA-13.7, PJ-SMA-14.2, and PJ-SMA-14.3 were all inspected on August 26, 2021, for previous rain events, but before the start of the rain event on August 26, 2021. No recommendations or findings of deficiency were found at any of those inspections or at the next inspection for all six SMAs, which occurred on September 23, 2021.

10.0 REQUESTS FOR EPA APPROVAL AND ADMINISTRATIVE CHANGES

The Permittees made no requests to EPA for alternative compliance or Site deletion in 2021.

The Permittees have received approval from NMED to subdivide three SWMUs and one AOC based on land ownership. The Permittees have received approval from NMED to add one SWMU based on new information collected. The Permittees have also identified eleven administrative errors regarding the

SMA and Sites in the Permit. Notification of these Site modifications and errors is made here and in the annual SDPPP updates. Tables 1-2 and 4-3 in this report are modified to reflect these corrections, including the following:

Part I.H.2(j) of the Permit provides lists of requests for EPA's approval, including any requests for change of monitoring location or Site deletion and any requests to place a Site or Sites into alternative compliance (Part 1.E.3 of the Permit).

- On December 20, 2012, the Laboratory received approval from NMED to split SWMU 32-002(b) into two separate SWMUs: SWMU 32-002(b1) and SWMU 32-002(b2). The Individual Permit associates former Site 32-002(b) with the drainage designated by LA-SMA-5.361 and Permitted Feature L017. The two newly designated Sites will continue to be associated with the same SMA and permitted feature. The Site designation of 32-002(b) was retired.
- On November 9, 2016, the Laboratory received approval from NMED to split SWMU 01-001(d) into three separate SWMUs: SWMU 01-001(d1), SWMU 01-001(d2), and SWMU 01-001(d3). The Individual Permit associates former SWMU 01-001(d) with the drainage designated by LA-SMA 5.01 and Permitted Feature L012. The three newly designated Sites will continue to be associated with the same SMA and permitted feature. The Site designation of 01-001(d) was retired.
- On November 9, 2016, the Laboratory received approval from NMED to split AOC 01-003(b) into two separate AOCs: AOC 01-003(b1), and AOC 01-003(b2). The Individual Permit associates former AOC 01-003(b) with the drainage designated by LA-SMA-4.1 and Permitted Feature L010. The two newly designated Sites will continue to be associated with the same SMA and permitted feature. The Site designation of 01-003(b) was retired. Before its retirement, an alternative compliance request was made for AOC 01-003(b), which now applies to AOCs 01-003(b1) and 01-003(b2).
- On November 9, 2016, the Laboratory received approval from NMED to split SWMU 01-006(h) into three separate SWMUs: SWMU 01-006(h1), SWMU 01-006(h2), and SWMU 01-006(h3). The Individual Permit associates former SWMU 01-006(h) with the drainage designated by LA-SMA-5.01 and Permitted Feature L012. The three newly designated Sites will continue to be associated with the same SMA and permitted feature. The Site designation of 01-006(h) was retired.
- On December 7, 2018, the Permittees received approval from NMED to add SWMU 02-014 to the Los Alamos National Laboratory Hazardous Waste Facility Permit. The Individual Permit associates SWMU 02-014 with the drainage designated by LA-SMA-5.51 and Permitted Feature L018. SWMU 02-014 consists of three former electrical transformer stations (former structures 02-31, 02-45, and 02-51) that served buildings in Technical Area 02. This Site was not identified as a SWMU or AOC in the 1990 SWMU report (LANL 1990, 007511). This Site was identified during efforts to discover the source of PCB contamination detected during investigation sampling at AOC 02-011(a), a former storm drain.
- A typographical error in the Individual Permit Appendix B incorrectly identifies AOC 46-004(e2) as part of CDB-SMA-0.55. This Site is actually within the drainage area of CDB-SMA-0.25.

- A review of the SWMUs within PJ-SMA-5.1 and the monitoring constituents in Appendix B of the IP revealed that SWMU 22-016 is a belowground septic tank not exposed to storm water. The Permittees believe the Permit incorrectly identified SWMU 22-016 as the Site to be permitted under the IP. The Permittees believe that the Site intended to be permitted under the IP is SWMU 22-010(b), which is potentially exposed to storm water (a septic system consisting of a septic tank, drainlines, leach field, sand filter, and outfall) and is located directly adjacent to SWMU 22-016.
- Review of the SWMUs within CDV-SMA-6.02 and the monitoring constituents in Appendix B of the IP has determined that SWMUs 14-002(d) and 14-002(e) are two 3-ft-wide × 4-ft-long × 3-ft-high reinforced concrete voltage distribution systems that did not manage or release industrial materials. These Sites were misidentified as firing pads in the IP. The Permittees believe the Permit incorrectly identified these as the Sites to be permitted under the IP. The Site that potentially managed industrial material is actually SWMU 14-002(c), a decommissioned firing site (structure 14-5) located directly adjacent to SWMUs 14-002(d) and 14-002(e).
- Review of the SWMUs and AOCs in the area within W-SMA-7 determined that SWMU 16-026(h2) was incorrectly associated with industrial materials to be monitored at the SMA. The Permittees believe the Permit incorrectly identified SWMU 16-026(h2) as the Site to be permitted under the IP. The Site intended for monitoring is SWMU 16-029(e), not SWMU 16-026(h2). SWMU 16-029(e) is described as a belowground “HE sump and formerly NPDES-permitted outfall” associated with building 16-360, while SWMU 16-026(h2) is described as four outfalls, including steam pit and roof drains, that did not manage or release industrial materials.
- Review of the Site descriptions and activities conducted at SWMUs and AOCs in the area within the PJ-SMA-4.05 drainage determined that the Site intended for monitoring is SWMU 09-005(g) instead of SWMU 09-004(g). SWMU 09-004(g) is a high-explosives (HE) sump removed in 2006 with no surface expression. SWMU 09-004(g) drained to SWMU 09-005(g), an outfall that is within PJ-SMA-4.05 and being monitored by sampling at that SMA.
- Review of the Site descriptions and activities conducted within PT-SMA-1.7 identified that SWMU 15-006(a) was incorrectly associated with industrial materials to be monitored at the SMA. SWMU 15-006(a) is structure 15-184, which housed the equipment associated with the firing site. Structure 15-184 did not store or release industrial materials. The firing site, 15-003, is the likely source of material released from the Site and the Site intended for regulation under the Individual Permit.

11.0 REFERENCES

- EPA (U.S. Environmental Protection Agency), September 30, 2010. “Authorization to Discharge under the National Pollutant Discharge Elimination System, NPDES Permit No. NM 0030759,” Region 6, Dallas, Texas. (EPA 2010, 213450)
- LANL (Los Alamos National Laboratory), November 1990. “Solid Waste Management Units Report,” Vol. I of IV (TA-0 through TA-9), Los Alamos National Laboratory document LA-UR-90-3400, Los Alamos, New Mexico. (LANL 1990, 007511)
- LANL (Los Alamos National Laboratory), January 30, 2013. “NPDES Permit No. NM0030759 – Request for Force Majeure, Solid Waste Management Unit 54-017,” Los Alamos National Laboratory letter (EP2013-0024) to H. Branning (EPA Region 6) and D. McDonald (EPA Region 6) from J. Mousseau (LANL) and P. Maggiore (DOE-NA-00-LA), Los Alamos, New Mexico. (LANL 2013, 235016)

- LANL (Los Alamos National Laboratory), August 16, 2013. "Completion of Corrective Action at Site 53-014 in S-SMA-4.1," Los Alamos National Laboratory document LA-UR-13-26420, Los Alamos, New Mexico. (LANL 2013, 246775)
- LANL (Los Alamos National Laboratory), August 21, 2013. "NPDES Permit No. NM0030759 — Resubmittal of Completion of Corrective Action for Twelve Site Monitoring Areas," Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 2013, 250035)
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NMED (New Mexico Environment Department), December 20, 2012. "Certificate of Completion, One Area of Concern in the Upper Los Alamos Canyon Aggregate Area," New Mexico Environment Department letter to P. Maggiore (DOE-LASO) and J.D. Mousseau (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2012, 521776)

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- NMED (New Mexico Environment Department), February 22, 2013. "Certificates of Completion, Four Solid Waste Management Unit and One Area of Concern in the Pueblo Canyon Aggregate Area," New Mexico Environment Department letter to P. Maggiore (DOE-LASO) and J.D. Mousseau (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2013, 522072)
- NMED (New Mexico Environment Department), May 7, 2013. "Certificate of Completion, Three Solid Waste Management Units [00-011(a), 00-011(d), 00-011(e)] in Guaje/Barrancas/Rendija Canyons Aggregate Area," New Mexico Environment Department letter to P. Maggiore (DOE-LASO) and J.D. Mousseau (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2013, 522505)
- NMED (New Mexico Environment Department), July 31, 2013. "Certificates of Completion, One Solid Waste Management Unit and Two Areas of Concern in the Lower Sandia Canyon Aggregate Area," New Mexico Environment Department letter to P. Maggiore (DOE-LASO) and J.D. Mousseau (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2013, 523159)
- NMED (New Mexico Environment Department), September 27, 2013. "Certificates of Completion, One Solid Waste Management Unit and One Area of Concern, Middle Mortandad/Ten Site Aggregate Area," New Mexico Environment Department letter to P. Maggiore (DOE-LASO) and J.D. Mousseau (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2013, 523693)
- NMED (New Mexico Environment Department), January 28, 2015. "Certificate of Completion, One Solid Waste Management Unit 00-018(a), Pueblo Canyon Aggregate Area," New Mexico Environment Department letter to P. Maggiore (DOE-EM-LA) and M. Brandt (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2015, 600178)
- NMED (New Mexico Environment Department), May 18, 2015. "Certificates of Completion, Three Solid Waste Management Units, Middle Mortandad/Ten Site Aggregate Area," New Mexico Environment Department letter to C. Gelles (DOE-NA-LA) and M.T. Brandt (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2015, 600446)
- NMED (New Mexico Environment Department), September 16, 2015. "Certificates of Completion, Six Solid Waste Management Units and One Area of Concern at Technical Area 5, Middle Mortandad/Ten Site Aggregate Area," New Mexico Environment Department letter to C. Gelles (DOE-EM-LA) and M. Brandt (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2015, 600917)
- NMED (New Mexico Environment Department), October 14, 2015. "Certificates of Completion, Seventeen Solid Waste Management Units and Eight Areas of Concern at Technical Area 35, Middle Mortandad/Ten Site Aggregate Area," New Mexico Environment Department letter to D. Hintze (DOE-EM-LA) and M. Brandt (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2015, 600985)
- NMED (New Mexico Environment Department), January 19, 2016. "Certificates of Completion, Two Areas of Concern and Twelve Solid Waste Management Units in the Delta Prime Site Aggregate Area," New Mexico Environment Department letter to D. Hintze (DOE-EM-LA) and M. Brandt (LANL) from J.E. Kielling (NMED-HWB), Santa Fe, New Mexico. (NMED 2016, 601146)

- NMED (New Mexico Environment Department), July 22, 2016. "Certificate of Completion, One Area of Concern C-00-041, in the Guaje/Barrancas/Rendija Canyons Aggregate Area," New Mexico Environment Department letter to D. Hintze (DOE-EM-LA) and M. Brandt (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2016, 601644)
- NMED (New Mexico Environment Department), August 1, 2016. "Approval of Request for Certificates of Completion for Nineteen Solid Waste Management Units and Two Area of Concern in the Upper Cañon de Valle Aggregate Area," New Mexico Environment Department letter to D. Hintze (DOE-EM) and M.T. Brandt (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2016, 601692)
- NMED (New Mexico Environment Department), January 31, 2017. "Request for Certificates of Completion for Three Areas of Concern and Twenty-Six Solid Waste Management Units in the Bayo Canyon Aggregate Area," New Mexico Environment Department letter to D. Hintze (DOE-EM) and M. Brandt (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2017, 602136)
- NMED (New Mexico Environment Department), July 13, 2017. "Request for Certificates of Completion without Controls for Nine Solid Waste Management Units and One Area of Concern in the Upper Los Alamos Canyon Aggregate Area," New Mexico Environment Department letter to D. Hintze (DOE-EM) and B. Robinson (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2017, 602514)
- NMED (New Mexico Environment Department), September 4, 2018. "Request for Certificates of Completion for Twenty-Three Solid Waste Management Units and Four Areas of Concern in the Delta Prime Site Aggregate Area," New Mexico Environment Department letter to D. Hintze (DOE-EM-LA) and N. Lombardo (N3B) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2018, 700067)
- NMED (New Mexico Environment Department), March 20, 2019. "Request for Certificates of Completion for Four Solid Waste Management Units in the Lower Mortandad/Cedro Canyons Aggregate Area," New Mexico Environment Department letter to D. Hintze (EM-LA) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2019, 700344)
- NMED (New Mexico Environment Department), October 22, 2019. "Clarification, Certificate of Completion with Controls for Solid Waste Management Unit 03-055(c) in the Upper Los Alamos Canyon Aggregate Area," New Mexico Environment Department letter to D. Hintze (EM-LA) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2019, 700640)
- NMED (New Mexico Environment Department), November 30, 2020. "State Certification Los Alamos National Laboratory Individual Stormwater Permit, NM0030759," New Mexico Environment Department letter to C. Maguire (EPA Region 6) from S. Lemon (NMED-SWQB), Santa Fe, New Mexico. (NMED 2020, 701162)

Table 1-1
Individual Permit Annual Report Requirements

Permit Requirement		Annual Report Section
Part	Description	
H.1	Compliance Status Reporting: Each SMA ID number shall be provided an outfall number for ease of reporting. That list is provided in Appendix C. Monitoring results for each SMA ID shall be reported on the sample forms provided in Appendix C. The information includes, at a minimum, the assigned outfall number, the SMA ID number, pollutants of concern greater than the applicable TALs, targeted control measure completion date, and actual control measure completion date if control measure installation and implementation is complete. EPA may require the Permittees to submit additional information. These reports shall be signed, certified, and dated in accordance with 40 CFR ^a 122.22(b).	Appendix C
H.2(a)	For each SMA (or Site), a summary of the Site-specific compliance status during the reporting period	4.1, Compliance Status Changes Table 4-3, Site-Specific Compliance Status
H.2(b)	Listing of SMA and associated outfall and Site number(s)/identification	1.0, Introduction Table 1-2, Permitted Features, SMAs, and Sites
H.2(c)	Monitoring results available during the reporting period	3.0, Confirmation Monitoring Requirements, and 3.3, Confirmation Monitoring Analytical Data; monitoring results Appendix B, Analytical Monitoring Results
H.2(d)	Identification of pollutants which exceed applicable MTAL or ATAL	3.3, Confirmation Monitoring Analytical Data; TAL exceedances Table 3-2, Summary of Confirmation Monitoring TAL Exceedances
H.2(e)	Description of baseline control measures installed, including the completion date or targeted completion date	2.0, Baseline Control Measures Activities Appendix C, Compliance Status Reports
H.2(f)	Description of corrective actions required under Section E of this Permit to be taken or having been taken, including completion date or targeted completion date, and progress update	5.0, Corrective Action Activities Table 4-3, Site-Specific Compliance Status
H.2(g)	Identification of Sites that meet No Exposure status	5.3, No Exposure
H.2(h)	Identification of Sites that meet Corrective Action Complete without Controls/Corrective Action Complete with Controls under RCRA or that have been issued a certificate of completion by NMED ^b under the Consent Order	5.4, Certificate of Completion under NMED's Consent Order
H.2(i)	Highlights of any change of compliance status from the annual report	4.1, Compliance Status Changes
H.2(j)	Lists of requests for EPA's approval, including any requests for change of monitoring location or Site deletion and any requests to place a Site or Sites into Section E.3, Alternative Compliance	10.0, Requests for EPA Approval

Table 1-1 (continued)

Part I Requirement		Annual Report Section
Part	Description	
H.2(k)	Summary of inspections performed in accordance with Individual Permit Section G.1 and 2, as well as any visual inspections performed under Section E.1	7.0, Summary of Inspections Table 7-1, Individual Permit Rain Gage Network during 2021 Table 7-2, Summary of Post-Storm Inspections Table 7-3, Summary of Annual Erosion Evaluation Inspections Table 7-5, Summary of Visual Inspections for TAL Exceedances Table 7-6, Summary of Inspections during Construction Activity Associated with Site Remediation
E.5(c)	Summary of any actions taken under paragraph E.5 (c) of the Permit	8.0, Summary of SDPPP Changes
F.3	Maintenance of documents and records with the SDPPP as necessary to reflect a–e below. If any of the circumstances described below occur at any Site, the Permittees must address these changes or deficiencies to ensure compliance with Permit conditions and applicable monitoring requirements. All changes must be incorporated into the SDPPP and a summary of these changes must be included in the annual report.	8.0, Summary of SDPPP Changes
F.3 (a)	Construction or a change in design, operation, or maintenance at the facility having a significant impact on the discharge, or potential for discharge, of pollutants from the facility	8.1, Activities Impacting Discharge
F.3 (b)	Findings of deficiencies in control measures during inspection or based on analytical monitoring results	8.2, Findings of Deficiency
F.3 (c)	Change(s) of monitoring requirement or compliance status	8.3, Change of Monitoring Requirements or Compliance Status
F.3 (d)	Change(s) of SMA location	8.4, SMA Location Change
F.3 (e)	Summary of changes from the last year's SDPPP	8.5, Annual SDPPP Update
I.5	This Permit may be reopened and modified in accordance with 40 CFR §122.62. Any changes to monitoring and/or control measure requirements made to the Permit in accordance with such a permit modification shall be addressed in the annual report and in the annual SDPPP update.	10.0, Requests for EPA Approval
Not specified	The report will include discussion of sampler inoperability and results of process improvements affecting sampler operability during the year.	7.6, Sampler Operability and Inspections
Not specified	The annual report will include explanations of every compliance status change made in 2021.	4.1, Compliance Status Changes Table 4-2, Summary of Individual Permit Compliance Status Table 4-3, Site-Specific Compliance Status
Not specified	The presence of storm(s) exceeding 0.25 in. in 30-min intensity will be identified, and the operability status of each sampler associated with each rain gage will be reported.	7.6, Sampler Operability and Inspections

Table 1-1 (continued)

Part I Requirement		Annual Report Section
Part	Description	
Not specified	Response to EPA Administrative Order CWA-06-2015-1747 – “In order to better document and clarify the status of monitoring constituents following a sampler move, the information provided in Table 3 will be included in future Annual Reports and SDPPP updates.” The information to be presented includes SMA, new location active date, reason for sampler location move, monitoring suite following sampler move, and samples collected since move.	8.4, SMA Location Change

^a CFR = Code of Federal Regulations.^b NMED= New Mexico Environment Department.

Table 1-2
Permitted Features, SMAs, and Sites

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Los Alamos/Pueblo	Rendija Canyon	RG-NCOM	R001	R-SMA-0.5	C-00-020
			R002	R-SMA-1	C-00-041
		RG038	R003	R-SMA-1.95	00-015
		RG-NCOM	R004	R-SMA-2.05	00-011(c)
		RG038	R005	R-SMA-2.3	00-011(e)
			R006	R-SMA-2.5	00-011(a)
	Bayo Canyon	RG-TA-53	B001	B-SMA-0.5	10-001(a)
					10-001(b)
					10-001(c)
					10-001(d)
					10-004(a)
					10-004(b)
					10-008
					10-009
		RG055.5	B002	B-SMA-1	00-011(d)
	Pueblo Canyon	RG055.5	P001	ACID-SMA-1.05	00-030(g)
					01-002(b)-00
					45-001
					45-002
					45-004
			P002A	ACID-SMA-2.01	00-030(f)
			P003	ACID-SMA-2.1	01-002(b)-00

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Los Alamos/Pueblo	Pueblo Canyon	RG-TA-53	P004	P-SMA-0.3	00-018(b)
		RG038	P005	P-SMA-1	73-001(a)
					73-004(d)
			P006	P-SMA-2	73-002
					73-006
			P007	P-SMA-2.15	31-001
			P008	P-SMA-2.2	00-019
		RG055.5	P009	P-SMA-3.05	00-018(a)
	Los Alamos Canyon	RG121.9	L001	LA-SMA-0.85	03-055(c)
			L002	LA-SMA-0.9	00-017
					C-00-044
			L003	LA-SMA-1	00-017
					C-00-044
			L004	LA-SMA-1.1	43-001(b2)
			L005	LA-SMA-1.25	C-43-001
		RG055.5	L006	LA-SMA-2.1	01-001(f)
			L007	LA-SMA-2.3	01-001(b)
			L008	LA-SMA-3.1	01-001(e)
					01-003(a)
			L009	LA-SMA-3.9	01-001(g)
					01-006(a)
			L010	LA-SMA-4.1	01-003(b1)
					01-003(b2)
					01-006(b)
			L011	LA-SMA-4.2	01-001(c)
					01-006(c)
					01-006(d)
			L012	LA-SMA-5.01	01-001(d1)
					01-001(d2)
					01-001(d3)
					01-006(h1)
					01-006(h2)
					01-006(h3)
			L012A	LA-SMA-5.02	01-003(e)
			L013	LA-SMA-5.2	01-003(d)
			L014	LA-SMA-5.35	C-41-004

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Los Alamos/Pueblo	Los Alamos Canyon (cont.)	RG038	L015	LA-SMA-5.31	41-002(c)
			L016	LA-SMA-5.33	32-004
			L017	LA-SMA-5.361	32-002(b1)
					32-002(b2)
			L017A	LA-SMA-5.362	32-003
			L018	LA-SMA-5.51	02-003(a)
					02-003(a)
					02-003(e)
					02-004(a)
					02-005
					02-006(b)
					02-006(c)
					02-006(d)
					02-006(e)
					02-008(a)
					02-009(b)
					02-011(a)
					02-011(b)
					02-011(c)
					02-011(d)
					02-014
			L018A	LA-SMA-5.52	02-003(b)
					02-007
					02-008(c)
			L018B	LA-SMA-5.53	02-009(a)
			L018C	LA-SMA-5.54	02-009(c)
			L019	LA-SMA-5.91	21-009
					21-021
					21-023(c)
					21-027(d)
			L019A	LA-SMA-5.92	21-013(b)
					21-013(g)
					21-018(a)
					21-021
			L020	LA-SMA-6.25	21-021
					21-024(d)
					21-027(c)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Los Alamos/Pueblo	Los Alamos Canyon (cont.)	RG038 (cont.)	L021	LA-SMA-6.27	21-021
					21-027(c)
			L022	LA-SMA-6.3	21-006(b)
			L022A	LA-SMA-6.31	21-027(a)
			L023	LA-SMA-6.32	21-021
			L024	LA-SMA-6.34	21-021
					21-022(h)
			L025	LA-SMA-6.36	21-021
					21-024(a)
			L026	LA-SMA-6.38	21-021
					21-024(c)
			L027	LA-SMA-6.395	21-021
					21-024(j)
			L028	LA-SMA-6.5	21-021
					21-024(i)
		RG-TA-53	L029	LA-SMA-9	26-001
					26-002(a)
					26-002(b)
					26-003
			L030	LA-SMA-10.11	53-002(a)
			L030A	LA-SMA-10.12	53-008
	DP Canyon	RG038	D001	DP-SMA-0.3	21-029
			D002	DP-SMA-0.4	21-021
			D003	DP-SMA-0.6	21-021
					21-024(l)
			D004	DP-SMA-1	21-011(k)
					21-021
			D005	DP-SMA-2	21-021
					21-024(h)
			D006	DP-SMA-2.35	21-021
					21-024(n)
			D007	DP-SMA-3	21-013(c)
					21-021
		RG-TA-53	D008	DP-SMA-4	21-021

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Sandia	Sandia Canyon	RG121.9	S001	S-SMA-0.25	03-013(a)
					03-052(f)
			S002	S-SMA-1.1	03-029
			S003	S-SMA-2	03-012(b)
					03-045(b)
					03-045(c)
					03-056(c)
			S003A	S-SMA-2.01	03-052(b)
			S004	S-SMA-2.8	03-014(c2)
			S005	S-SMA-3.51	03-009(i)
			S005A	S-SMA-3.52	03-021
			S005B	S-SMA-3.53	03-014(b2)
			S006	S-SMA-3.6	60-007(b)
		RG203	S007	S-SMA-3.7	53-012(e)
			S008	S-SMA-3.71	53-001(a)
			S009	S-SMA-3.72	53-001(b)
			S010	S-SMA-3.95	20-002(a)
		RG-TA-53	S011	S-SMA-4.1	53-014
		RG203	S012	S-SMA-4.5	20-002(d)
		RG-TA-53	S013	S-SMA-5	20-002(c)
			S014	S-SMA-5.2	20-003(c)
			S015	S-SMA-5.5	20-005
			S016	S-SMA-6	72-001
Mortandad	Cañada del Buey	RG200.5	C001	CDB-SMA-0.15	04-003(a)
					04-004
		RG245.5	C002	CDB-SMA-0.25	46-004(c2)
					46-004(e2)
			C003	CDB-SMA-0.55	46-004(g)
					46-004(m)
					46-004(s)
					46-006(f)
			C004	CDB-SMA-1	46-003(c)
					46-004(d2)
					46-004(f)
					46-004(t)
					46-004(w)
					46-008(g)
					46-009(a)
					C-46-001

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number	
Mortandad	Cañada del Buey (cont.)	RG245.5 (cont.)	C005	CDB-SMA-1.15	46-004(b)	
					46-004(y)	
					46-004(z)	
					46-006(d)	
			C006	CDB-SMA-1.35	46-004(a2)	
					46-004(u)	
					46-004(v)	
					46-004(x)	
					46-006(d)	
					46-008(f)	
			C007	CDB-SMA-1.54	46-004(h)	
					46-004(q)	
					46-006(d)	
			C008	CDB-SMA-1.55	46-003(e)	
			C009	CDB-SMA-1.65	46-003(b)	
		RG-TA-54	C010	CDB-SMA-4	54-017	
					54-018	
					54-020	
	Mortandad Canyon	RG121.9	M001	M-SMA-1	03-050(a)	
					03-054(e)	
			M002	M-SMA-1.2	03-049(a)	
			M002A	M-SMA-1.21	03-049(e)	
			M002B	M-SMA-1.22	03-045(h)	
			RG-TA-06	M003	M-SMA-3	48-001
						48-005
						48-007(c)
				M004	M-SMA-3.1	48-001
				48-007(b)		
		RG200.5	M005	M-SMA-3.5	48-001	
					48-003	
			M006	M-SMA-4	48-001	
					48-005	
					48-007(a)	
		48-007(d)				
			48-010			

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Mortandad	Mortandad Canyon (cont.)	RG200.5 (cont.)	M007	M-SMA-5	42-001(a)
					42-001(b)
					42-001(c)
					42-002(a)
					42-002(b)
			M008	M-SMA-6	35-016(h)
			M009	M-SMA-7	35-016(g)
			M010	M-SMA-7.9	50-006(d)
			M011	M-SMA-9.1	35-016(f)
			M012	M-SMA-10	35-008
					35-014(e)
			M012A	M-SMA-10.01	35-016(e)
			M013	M-SMA-10.3	35-014(e2)
					35-016(i)
			M014	M-SMA-11.1	35-016(o)
			M015	M-SMA-12	35-016(p)
	RG203		M016	M-SMA-12.5	05-005(b)
					05-006(c)
			M017	M-SMA-12.6	05-004
			M018	M-SMA-12.7	05-002
					05-005(a)
					05-006(b)
					05-006(e)
			M019	M-SMA-12.8	05-001(a)
					05-002
			M020	M-SMA-12.9	05-001(b)
					05-002
			M021	M-SMA-12.92	00-001
			M022	M-SMA-13	05-001(c)
	Ten Site Canyon	RG200.5	T001	Pratt-SMA-1.05	35-003(h)
					35-003(p)
					35-003(r)
					35-004(h)
					35-009(d)
					35-016(k)
					35-016(l)
					35-016(m)
			T002	T-SMA-1	50-006(a)
					50-009

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Mortandad	Ten Site Canyon (cont.)	RG200.5 (cont.)	T003	T-SMA-2.5	35-014(g3)
			T004	T-SMA-2.85	35-014(g)
					35-016(n)
			T005	T-SMA-3	35-016(b)
			T006	T-SMA-4	35-004(a)
					35-009(a)
					35-016(c)
					35-016(d)
			T007	T-SMA-5	35-004(a)
					35-009(a)
					35-016(a)
					35-016(q)
			T008	T-SMA-6.8	35-010(e)
			T009	T-SMA-7	04-003(b)
			T010	T-SMA-7.1	04-001
					04-002
Pajarito	Twomile Canyon	RG121.9	E001	2M-SMA-1	03-010(a)
		RG-TA-06	E002	2M-SMA-1.42	06-001(a)
			E003	2M-SMA-1.43	22-014(a)
					22-015(a)
			E004	2M-SMA-1.44	06-001(b)
			E005	2M-SMA-1.45	06-006
			E006	2M-SMA-1.5	22-014(b)
			E007	2M-SMA-1.65	40-005
			E008	2M-SMA-1.67	06-003(h)
			E009	2M-SMA-1.7	03-055(a)
			E010	2M-SMA-1.8	03-001(k)
		RG121.9	E011	2M-SMA-1.9	03-003(a)
			E012	2M-SMA-2	03-050(d)
					03-054(b)
			E013	2M-SMA-2.2	03-003(k)
		RG-TA-06	E014	2M-SMA-3	07-001(a)
					07-001(b)
					07-001(c)
					07-001(d)
			E015	2M-SMA-2.5	40-001(c)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Pajarito	Threemile Canyon	RG-TA-06	H001	3M-SMA-0.2	15-010(b)
		RG262.4	H002	3M-SMA-0.4	15-006(b)
			H003	3M-SMA-0.5	15-006(c)
					15-009(c)
		RG245.5	H004	3M-SMA-0.6	15-008(b)
			H005	3M-SMA-2.6	36-008
					C-36-003
			H006	3M-SMA-4	18-002(b)
					18-003(c)
					18-010(f)
	Pajarito Canyon	RG240	J001	PJ-SMA-1.05	09-013
		RG253	J002	PJ-SMA-2	09-009
		RG257	J003	PJ-SMA-3.05	09-004(o)
			J004	PJ-SMA-4.05	09-004(g)
					09-005(g)
		RG-TA-06	J005	PJ-SMA-5	22-015(c)
			J006	PJ-SMA-5.1	22-010(b)
					22-016
			J007	PJ-SMA-6	40-010
			J008	PJ-SMA-7	40-006(c)
			J009	PJ-SMA-8	40-006(b)
			J010	PJ-SMA-9	40-009
			J012	PJ-SMA-10	40-006(a)
			J013	PJ-SMA-11	40-003(a)
			J014	PJ-SMA-11.1	40-003(b)
		RG245.5	J015	PJ-SMA-13	18-002(a)
			J016	PJ-SMA-13.7	18-010(b)
			J017	PJ-SMA-14	54-004
			J018	PJ-SMA-14.2	18-012(b)
			J019	PJ-SMA-14.3	18-003(e)
			J020	PJ-SMA-14.4	18-010(d)
			J021	PJ-SMA-14.6	18-010(e)
			J022	PJ-SMA-14.8	18-012(a)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Pajarito	Pajarito Canyon (cont.)	RG-TA-54	J023	PJ-SMA-16	27-002
			J024	PJ-SMA-17	54-018
			J026	PJ-SMA-18	54-014(d)
					54-017
			J025	PJ-SMA-19	54-013(b)
					54-017
					54-020
			J027	PJ-SMA-20	54-017
		RG240	J028	STRM-SMA-1.05	08-009(f)
			J029	STRM-SMA-1.5	08-009(d)
Water/Cañon de Valle	Cañon de Valle	RG253	V001	CDV-SMA-1.2	16-017(b)-99
					16-029(k)
			V002	CDV-SMA-1.3	16-017(a)-99
					16-026(m)
			V003	CDV-SMA-1.4	16-020
					16-026(l)
					16-028(c)
					16-030(c)
			V004	CDV-SMA-1.45	16-026(i)
			V005	CDV-SMA-1.7	16-019
		RG257	V006	CDV-SMA-2	16-021(c)
			V007	CDV-SMA-2.3	13-001
					13-002
					16-003(n)
					16-003(o)
					16-029(h)
					16-031(h)
			V008	CDV-SMA-2.41	16-018
			V008A	CDV-SMA-2.42	16-010(b)
			V009	CDV-SMA-2.5	16-010(c)
					16-010(d)
					16-028(a)
			V009A	CDV-SMA-2.51	16-010(i)
			V010	CDV-SMA-3	14-009
			V011	CDV-SMA-4	14-010

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Water/Cañon de Valle	Cañon de Valle (cont.)	RG257 (cont.)	V012	CDV-SMA-6.01	14-001(g)
					14-006
			V012A	CDV-SMA-6.02	14-002(c)
					14-002(d)
					14-002(e)
			V013	CDV-SMA-7	15-008(d)
		RG262.4	V014	CDV-SMA-8	15-011(c)
			V015	CDV-SMA-8.5	15-014(a)
			V016	CDV-SMA-9.05	15-007(b)
	Fence Canyon	RG267.4	F001	F-SMA-2	36-004(c)
	Potrillo Canyon	RG262.4	I001	PT-SMA-0.5	15-009(e)
					C-15-004
			I002	PT-SMA-1	15-004(f)
					15-008(a)
			I003	PT-SMA-1.7	15-003
					15-006(a)
			I004	PT-SMA-2	15-008(f)
					36-003(b)
					36-004(e)
			I004A	PT-SMA-2.01	C-36-001
					C-36-006(e)
		RG267.4	I005	PT-SMA-3	36-004(a)
					36-006
			I007	PT-SMA-4.2	36-004(d)
	Water Canyon	RG253	W001	W-SMA-1	16-017(j)-99
					16-026(c2)
					16-026(v)
			W002	W-SMA-1.5	16-026(b2)
					16-028(d)
			W003	W-SMA-2.05	16-028(e)
		RG257	W004	W-SMA-3.5	16-026(y)
			W005	W-SMA-4.1	16-003(a)
			W006	W-SMA-5	16-001(e)
					16-003(f)
					16-026(b)
					16-026(c)
					16-026(d)
					16-026(e)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Water/Cañon de Valle	Water Canyon (cont.)	RG257 (cont.)	W007	W-SMA-6	11-001(c)
			W008	W-SMA-7	16-026(h2)
					16-029(e)
			W009	W-SMA-7.8	16-031(a)
			W010	W-SMA-7.9	16-006(c)
			W011	W-SMA-8	16-016(g)
					16-028(b)
			W012	W-SMA-8.7	13-001
					13-002
					16-004(a)
					16-026(j2)
					16-029(h)
					16-035
			W012A	W-SMA-8.71	16-004(c)
			W013	W-SMA-9.05	16-030(g)
			W014	W-SMA-9.5	11-012(c)
			W015	W-SMA-9.7	11-011(a)
					11-011(b)
			W016	W-SMA-9.8	11-005(c)
			W017	W-SMA-9.9	11-006(b)
			W018	W-SMA-10	11-002
					11-003(b)
					11-005(a)
					11-005(b)
					11-006(c)
					11-006(d)
					11-011(d)
		RG262.4	W019	W-SMA-11.7	49-008(c)
			W020	W-SMA-12.05	49-001(g)
			W021	W-SMA-14.1	15-004(h)
					15-014(l)
			W022	W-SMA-15.1	49-005(a)
Ancho	Ancho Canyon	RG267.4	A001	A-SMA-1.1	39-004(a)
					39-004(d)
			A002	A-SMA-2	39-004(b)
					39-004(e)
		RG265	A003	A-SMA-2.5	39-010
			A004	A-SMA-2.7	39-002(c)
					39-008
			A005	A-SMA-2.8	39-001(b)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Ancho	Ancho Canyon (cont.)	RG265 (cont.)	A006	A-SMA-3	39-002(b)
					39-004(c)
		RG340	A007	A-SMA-3.5	39-006(a)
			A008	A-SMA-4	33-010(d)
			A009	A-SMA-6	33-004(k)
					33-007(a)
					33-010(a)
Chaquehui	Chaquehui Canyon	RG340	Q001	CHQ-SMA-0.5	33-004(g)
					33-007(c)
					33-009
			Q002	CHQ-SMA-1.01	33-002(d)
			Q002A	CHQ-SMA-1.02	33-004(h)
					33-008(c)
					33-011(d)
					33-015
			Q002B	CHQ-SMA-1.03	33-008(c)
					33-012(a)
					33-017
					C-33-001
					C-33-003
			Q003	CHQ-SMA-2	33-004(d)
					33-007(c)
					C-33-003
			Q004	CHQ-SMA-3.05	33-010(f)
			Q005	CHQ-SMA-4	33-011(e)
			Q006	CHQ-SMA-4.1	33-016
			Q007	CHQ-SMA-4.5	33-011(b)
			Q008	CHQ-SMA-5.05	33-007(b)
			Q009	CHQ-SMA-6	33-004(j)
					33-006(a)
					33-007(b)
					33-010(c)
					33-010(g)
					33-010(h)
					33-014
			Q010	CHQ-SMA-7.1	33-010(g)

Table 1-3
Permitted Features, SMAs,
and Sites Summarized by Watershed

Watershed	Number of Permitted Features/SMAs	Number of Sites
Los Alamos/Pueblo	64	108
Sandia	19	23
Mortandad	45	96
Pajarito	51	62
Water/Cañon de Valle	50	92
Ancho	9	15
Chaquehui	12	24
Total	250	420

Notes: A total of 405 Sites are permitted. Permitted Site 32-002(b) in LA-SMA-5.361 was split into two separate SWMUs: 32-002(b1) and 32-002(b2). Permitted Site 01-001(d) in LA-SMA-5.01 was split into three separate SWMUs: 01-001(d1), 01-001(d2), and 01-001(d3). Permitted Site 01-006(h) in LA-SMA-5.01 was split into three separate SWMUs: 01-006(h1), 01-006(h2), and 01-006(h3). Permitted Site 01-003(b) in LA-SMA-4.1 was split into two separate AOCs: 01-003(b1) and 01-003(b2). Site 02-014 in LA-SMA-5.51, 14-002(c) in CDV-SMA-6.02, Site 22-010(b) in PJ-SMA-5.1, Site 16-029(e) in W-SMA-7, Site 09-005(g) in PJ-SMA-4.05, and Site 15-003 in PT-SMA-1.7 have been added. Three Sites (54-017, 54-018, and 54-020) drain to both Pajarito and Mortandad watersheds and thus are counted twice, increasing the total number of Sites reported in this table from 405 to 420.

Table 2-1

Additional Control Measures, Replaced Baseline Control Measures, and Replaced Enhanced Control Measures Installed during 2021

SMA	BMP ID	Control Measure Type	Control Measure Description	Erosion Control	Sediment Control	Run-on Control	Runoff Control	Install Date	Comments
2M-SMA-1.44	E00403140028	Berm	Coir Log	— ^a	X ^b	X	—	09/28/2021	Additional Control
2M-SMA-3	E01403140034	Berm	Coir Log	—	X	X	—	07/14/2021	Additional Control
2M-SMA-3	E01403140035	Berm	Coir Log	—	X	X	—	07/14/2021	Additional Control
CHQ-SMA-6	Q00903060045	Berm	Straw Wattle	—	X	—	X	07/14/2021	Additional Control
CHQ-SMA-6	Q00903060046	Berm	Straw Wattle	—	X	—	X	07/14/2021	Additional Control
F-SMA-2	F00103140052	Berm	Coir Log	—	X	X	—	07/19/2021	Additional Control
LA-SMA-10.12	L030A03060037	Berm	Straw Wattle	—	X	X	—	08/11/2021	Additional Control
LA-SMA-10.12	L030A03060038	Berm	Straw Wattle	—	X	—	X	10/26/2021	Additional Control
M-SMA-13	M02203140016	Berm	Coir Log	—	X	X	—	10/22/2020 ^c	Additional Control - Facility installed
M-SMA-13	M02203140016	Berm	Coir Log	—	X	X	—	10/22/2020 ^c	Additional Control - Facility installed
PJ-SMA-14.3	J01903060007	Berm	Straw Wattle	—	X	—	X	09/16/2021	Additional Control
P-SMA-3.05	P00903140016	Berm	Coir Log	—	X	X	—	07/12/2021	Additional Control
PT-SMA-0.5	I00103140014	Berm	Coir Log	—	X	—	X	10/08/2021	Additional Control
PT-SMA-0.5	I00103140015	Berm	Coir Log	—	X	—	X	10/08/2021	Additional Control
PT-SMA-2	I00403060031	Berm	Straw Wattle	—	X	—	X	12/21/2021	Replaced Enhanced Control
S-SMA-0.25	S00103100022	Berm	Gravel Bags	—	X	X	—	06/30/2021	Additional Control
S-SMA-0.25	S00103100023	Berm	Gravel Bags	—	X	X	—	06/30/2021	Additional Control
T-SMA-6.8	T00803140010	Berm	Coir Log	—	X	X	—	07/12/2021	Additional Control
W-SMA-1.5	W00203160024	Berm	Wood Chip Wattle	—	X	X	—	11/2/2021	Additional Control
W-SMA-3.5	W00403140016	Berm	Coir Log	—	X	X	—	09/28/2021	Additional Control
W-SMA-4.1	W00503060011	Berm	Straw Wattle	—	X	X	—	09/29/2021	Additional Control
W-SMA-9.7	W01503060022	Berm	Straw Wattle	—	X	X	—	09/28/2021	Additional Control
W-SMA-9.8	W01603140013	Berm	Coir Log	—	X	—	X	09/21/2021	Replaced Baseline Control
W-SMA-10	W01803100034	Berm	Gravel Bags	—	X	X	—	09/16/2021 ^d	Additional Control

^a — = Control does not perform the identified function.^b X = Control performs the identified function.^c Accepted as an IP control 09/09/2021. Retired 11/02/2021.^d IP installation. Removed by Facility in October 2021.

Table 3-1
Summary of Confirmation Monitoring at SMAs during 2021

Number of SMAs per Confirmation Monitoring Phase	Baseline Confirmation Monitoring	Enhanced Control Confirmation Monitoring	Monitoring per Part I.E.1(b) after Certification of No Exposure	No Confirmation Monitoring	Total SMAs
January 1, 2021	73	53	3	121	250
December 31, 2021	71	59	1	119	250

Table 3-2
Summary of 2021 Confirmation Monitoring TAL Exceedances

SMA	Field Sample ID	Stage ^a	Sample Date	Validation Date	Analyte	Unit	Total Analyses	No. of Detects	% of Detect	ATAL ^b	Geo Mean	Geo Mean/ ATAL Ratio	MTAL ^c	No of MTAL Exceedances	% MTAL Exceedances	Concentration Range	Result/MTAL Ratio Range
CDB-SMA-1	WT_IPC-21-221103	CAM5-2	08/03/2021	09/07/2021	Aluminum	µg/L	1	1	100	n/a ^d	n/a	n/a	750	1	100	1010	1.35
CDB-SMA-1	WT_IPC-21-221103	CAM5-2	08/03/2021	09/07/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	11.4	2.65
CDB-SMA-1	WT_IPC-21-221102	CAM5-2	08/03/2021	09/07/2021	Gross alpha	pCi/L	1	1	100	15.0	151	10.1	n/a	n/a	n/a	151	n/a
CDB-SMA-1	WT_IPC-21-221102	CAM5-2	08/03/2021	09/20/2021	Total PCB	µg/L	1	1	100	0.000640	0.00327	5.16	n/a	n/a	n/a	0.00327	n/a
CDV-SMA-7	WT_IPC-21-221585	CAM5-2	08/26/2021	10/04/2021	Gross alpha	pCi/L	1	1	100	15.0	113	7.53	n/a	n/a	n/a	113	n/a
CHQ-SMA-0.5	WT_IPC-21-221391	CAM5	08/03/2021	09/07/2021	Gross alpha	pCi/L	1	1	100	15.0	312	20.8	n/a	n/a	n/a	312	n/a
CHQ-SMA-0.5	WT_IPC-21-221391	CAM5	08/03/2021	09/07/2021	Total PCB	µg/L	1	1	100	0.000640	0.00582	9.06	n/a	n/a	n/a	0.00582	n/a
CHQ-SMA-1.02	WT_IPC-21-228788 WT_IPC-21-228789	CAM5-3	05/31/2021 08/03/2021	07/30/2021 09/07/2021	Copper	µg/L	2	2	100	n/a	n/a	n/a	4.30	2	100	5.20–8.50	1.21–1.98
CHQ-SMA-1.02	WT_IPC-21-228786 WT_IPC-21-228787	CAM5-3	05/31/2021 08/03/2021	07/30/2021 09/07/2021	Gross alpha	pCi/L	2	2	100	15.0	35.3	2.35	n/a	n/a	n/a	24.8–50.2	n/a
CHQ-SMA-1.02	WT_IPC-21-228786 WT_IPC-21-228787	CAM5-3	05/31/2021 08/03/2021	07/08/2021 09/07/2021	Total PCB	µg/L	2	2	100	0.000640	0.0167	26.1	n/a	n/a	n/a	0.0143–0.0194	n/a
CHQ-SMA-6	WT_IPC-21-221405 WT_IPC-21-221437	CAM5	05/31/2021 07/25/2021	07/29/2021 08/25/2021	Copper	µg/L	2	2	100	n/a	n/a	n/a	4.30	2	100	38.9–39.5	9.05–9.19
CHQ-SMA-6	WT_IPC-21-221403 WT_IPC-21-221439	CAM5	05/31/2021 07/25/2021	07/29/2021 08/25/2021	Gross alpha	pCi/L	2	2	100	15.0	21.9	1.46	n/a	n/a	n/a	15.9–30.1	n/a
F-SMA-2	WT_IPC-21-221106	CAM5-2	08/26/2021	10/04/2021	Aluminum	µg/L	1	1	100	n/a	n/a	n/a	750	1	100	839	1.12
F-SMA-2	WT_IPC-21-221106	CAM5-2	08/26/2021	10/04/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	8.87	2.06
F-SMA-2	WT_IPC-21-221104	CAM5-2	08/26/2021	10/04/2021	Gross alpha	pCi/L	1	1	100	15.0	37.2	2.48	n/a	n/a	n/a	37.2	n/a
F-SMA-2	WT_IPC-21-221104	CAM5-2	08/26/2021	10/04/2021	Selenium	µg/L	1	1	100	5.00	6.91	1.38	n/a	n/a	n/a	6.91	n/a
M-SMA-13	WT_IPC-21-221236	MEx	08/26/2021	10/04/2021	Aluminum	µg/L	1	1	100	n/a	n/a	n/a	750	1	100	890	1.19
M-SMA-13	WT_IPC-21-221236	MEx	08/26/2021	10/04/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	9.21	2.14
PJ-SMA-3.05	WT_IPC-21-230495	CAM5	07/27/2021	08/30/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	4.95	1.15
PJ-SMA-3.05	WT_IPC-21-230494	CAM5	07/27/2021	08/30/2021	Gross alpha	pCi/L	2	2	100	15.0	33.2	2.21	n/a	n/a	n/a	27.0–40.8	n/a
PJ-SMA-5	WT_IPC-21-221603	CAM5-2	05/30/2021	07/01/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	549	128
PJ-SMA-9	WT_IPC-21-230498	CAM5	07/27/2021	08/30/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	8.52	1.98
PJ-SMA-11	WT_IPC-21-221599 WT_IPC-21-221600	CAM5-2	06/27/2021 08/26/2021	07/27/2021 10/04/2021	Copper	µg/L	2	2	100	n/a	n/a	n/a	4.30	2	100	35.3–42.8	8.21–9.95
PJ-SMA-11	WT_IPC-21-221597 WT_IPC-21-221598	CAM5-2	06/27/2021 08/26/2021	07/27/2021 10/04/2021	Gross alpha	pCi/L	2	2	100	15.0	54.3	3.62	n/a	n/a	n/a	18.8–157	n/a
PJ-SMA-11.1	WT_IPC-21-221377	CAM5	08/26/2021	10/04/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	37.6	8.74
PJ-SMA-11.1	WT_IPC-21-221376	CAM5	08/26/2021	10/04/2021	Gross alpha	pCi/L	1	1	100	15.0	132	8.80	n/a	n/a	n/a	132	n/a
PJ-SMA-19	WT_IPC-21-221539	CACompCInv	08/22/2021	09/27/2021	Gross alpha	pCi/L	1	1	100	15.0	44.7	2.98	n/a	n/a	n/a	44.7	n/a
PJ-SMA-19	WT_IPC-21-221539	CACompCInv	08/22/2021	10/04/2021	Total PCB	µg/L	1	1	100	0.000640	0.00320	5.00	n/a	n/a	n/a	0.00325	n/a
PT-SMA-2	WT_IPC-21-231306	CAM5-2	08/26/2021	10/04/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	5.19	1.21
PT-SMA-2	WT_IPC-21-231304	CAM5-2	08/26/2021	10/04/2021	Gross alpha	pCi/L	1	1	100	15.0	175	11.7	n/a	n/a	n/a	175	n/a

Table 3-2 (continued)

SMA	Field Sample ID	Stage ^a	Sample Date	Validation Date	Analyte	Unit	Total Analyses	No. of Detects	% of Detect	ATAL ^b	Geo Mean	Geo Mean/ ATAL Ratio	MTAL ^c	No of MTAL Exceedances	% MTAL Exceedances	Concentration Range	Result/MTAL Ratio Range
PT-SMA-4.2	WT_IPC-21-221485	CAM5	08/22/2021	10/04/2021	Gross alpha	pCi/L	2	2	100	15.0	62.4	4.16	n/a	n/a	n/a	46.1–84.5	n/a
S-SMA-6	WT_IPC-21-221793	CAM5-2	08/26/2021	10/04/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	33.1	7.70
S-SMA-6	WT_IPC-21-221611	CAM5-2	08/26/2021	10/04/2021	Gross alpha	pCi/L	1	1	100	15.0	156	10.4	n/a	n/a	n/a	156	n/a
S-SMA-6	WT_IPC-21-221793	CAM5-2	08/26/2021	10/04/2021	Lead	µg/L	1	1	100	n/a	n/a	n/a	17.0	1	100	42.1	2.48
STRM-SMA-4.2	WT_IPC-21-221107	CAM5-2	07/27/2021	08/30/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	4.57	1.06
STRM-SMA-4.2	WT_IPC-21-221107	CAM5-2	07/27/2021	08/30/2021	Silver	µg/L	1	1	100	n/a	n/a	n/a	0.500	1	100	0.568	1.14
T-SMA-1	WT_IPC-21-221543	CACompCInv	08/26/2021	10/04/2021	Aluminum	µg/L	1	1	100	n/a	n/a	n/a	750	1	100	1390	1.85
T-SMA-1	WT_IPC-21-221543	CACompCInv	08/26/2021	10/04/2021	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	5.13	1.19
T-SMA-1	WT_IPC-21-221542	CACompCInv	08/26/2021	10/04/2021	Gross alpha	pCi/L	1	1	100	15.0	93.5	6.23	n/a	n/a	n/a	93.5	n/a
T-SMA-1	WT_IPC-21-221542	CACompCInv	08/26/2021	10/04/2021	Selenium	µg/L	1	1	100	5.00	8.15	1.63	n/a	n/a	n/a	8.15	n/a
T-SMA-1	WT_IPC-21-221542	CACompCInv	08/26/2021	10/04/2021	Total PCB	µg/L	1	1	100	0.000640	0.00430	6.72	n/a	n/a	n/a	0.00434	n/a
W-SMA-7.8	WT_IPC-21-221285	MEx	05/30/2021	07/29/2021	Gross alpha	pCi/L	2	2	100	15.0	30.9	2.06	n/a	n/a	n/a	15.1–63.4	n/a
W-SMA-11.7	WT_IPC-21-221482	CAM5	08/26/2021	10/04/2021	Aluminum	µg/L	1	1	100	n/a	n/a	n/a	750	1	100	4760	6.35
W-SMA-11.7	WT_IPC-21-221481	CAM5	08/26/2021	10/04/2021	Gross alpha	pCi/L	2	2	100	15.0	44.5	2.96	n/a	n/a	n/a	39.6–49.9	n/a

^a Stage: CAM5 = Corrective action enhanced control monitoring, CAM5-2 = Second round of corrective action enhanced control monitoring, CAM5-3 = Third round of corrective action enhanced control monitoring, MEx = Extended baseline monitoring, CACompCInv = Investigative monitoring following certification of no exposure.

^b ATAL= Average TAL. Comparisons with ATALs may include data from previous years of monitoring that are within the same monitoring stage.

^c Maximum TAL (MTAL) exceedances are reported to EPA within 24 hr of receipt of data.

^d n/a = Not applicable.

Table 4-1
Significant Compliance Phases for the Individual Permit

Compliance Phase	Permit Section(s)	Description	Milestone
Baseline Control Measures Installation	Part I, Section B.1	The Permittees must install baseline control measures at each Site within 6 months of the November 1, 2010, effective date of the Permit. Baseline control measures had already been installed and implemented before the effective date of the Permit at 102 Sites assigned to 63 SMAs.	04/30/2011
	Appendix E	Appendix E, Table E-1, specifies the control measures installed or to be installed at each Site. Table E-2 lists 63 SMAs where baseline control measures have been installed before November 1, 2010.	Not applicable
Baseline Control Measures Certification	Part I, Section B.1	The Permittees must certify the baseline control measures specified in Appendix E have been installed for all Sites at each SMA. Certification documentation must include a description and photograph of each control measure.	Not applicable
	Appendix E	The Permittees must certify the baseline control measures completed at 63 SMAs before November 1, 2010 (listed in Table E-2) within 30 days of effective date of Permit.	12/01/2010
	Appendix E	The Permittees must certify baseline control measures for Sites at the remaining 187 SMAs listed in Table E-1 within 30 days of completion.	05/30/2011
Baseline Monitoring	Part I, Section D.1	The Permittees shall perform confirmation monitoring following installation of control measures. Initial monitoring requirements following installation and implementation of baseline control measures vary on a Site-by-Site basis.	Not applicable
	Part I, Section D.1(a)	For Sites at which baseline control measures were installed and implemented before November 1, 2010, the Permittees shall collect two or more confirmation samples within 1 yr after the effective date of the Permit at associated SMAs.	10/31/2011
	Part I, Section D.1(b)	For Sites at which baseline control measures were installed and implemented within 6 months of the effective date of the Permit, the Permittees shall collect two or more confirmation samples within 18 months after the effective date of the Permit at associated SMAs.	04/30/2012
Baseline Monitoring Extended (MEx)	Part 1, Section E.5(e)	If no confirmation sample could be collected during the applicable period from a measurable storm event, confirmation sampling shall continue until at least one sample is collected, and compliance with applicable TALs for that particular Site or Sites will be determined based on the single result from the first successful confirmation sampling event.	As applicable

Table 4-1 (continued)

Compliance Phase	Permit Section(s)	Description	Milestone
Baseline Confirmation Complete (BCComp)	Part I, Section D.4(b)	If analytical results for all pollutants of concern at a particular SMA are at or below the MTALs and the average of all applicable sampling results is at or below the ATALs, or the applicable MQLs, whichever is greater, no further sampling is required for the Site or group of Sites within the associated SMA for the remaining period of the Permit.	As applicable
Corrective Action Initiation (CAI)	Part I, Section E	The Permittees shall initiate corrective action as soon as practicable if, following installation of baseline control measures, initial confirmation monitoring shows TALs are not being met at a particular Site. If confirmation monitoring shows TALs are not being met at a particular Site, the Permittees must take corrective action through (1) installation of measures reasonably expected to (a) meet applicable TALs at that Site; (b) achieve total retention of storm water discharges from the Site; or (c) totally eliminate exposure of pollutants to storm water at the Site; or (2) by demonstrating that the Site has achieved RCRA Corrective Action Complete Without Controls/Corrective Action Complete With Controls status or a certificate of completion under the Consent Order.	See Section 4 of the annual report
Enhanced Control Monitoring (CAM3 or CAM5)	Part I, Section E.1(a)	If the selected corrective action entails the design and installation of enhanced control measures, the Permittees shall collect at least two confirmation samples following installation of any enhanced control. If either validated confirmation sample result exceeds applicable TALs, the Permittees shall initiate further measures to achieve completion of corrective action.	As applicable
	Part I, Section E.1(c)	Where applicable, the Permittees shall provide sampling results within 30 days of receipt of analytical results from the first measureable storm event after completion of such measures.	As applicable
	Part I, Section E.1(d)	For high-priority Sites [see Part I, Section E.4 (a)], if no confirmation sample could be collected because of a lack of a measurable storm event before the second year of the Permit (October 31, 2012), then the compliance deadlines under Part I, Section E.4, shall be extended for a 1-yr period following the first successful confirmation sampling event.	As applicable
Corrective Action Complete (CAComp)	Part I, Section E.2	The Permittees must certify completion of corrective action within the deadlines established under Part I, Section E.4.	As applicable
	Part I, Section E.4(a)	The Permittees must certify completion of corrective action under Part I, Section E.2, for 63 high-priority Sites within 3 yr of the effective date of the Permit [or such other time period as may be specified pursuant to Part I, Section E.3, Alternative Compliance; E.4 (c), Force Majeure; or E.5, Additional Sampling Requirements].	10/31/2013
	Part 1,Section E.1(d)	If a baseline confirmation monitoring sample was not collected by September 30, 2012, the Permittees are required to certify completion of corrective action at high-priority Sites within 1 yr following the first successful confirmation sampling event.	As applicable
	Part I, Section E.4(b)	The Permittees must certify completion of corrective action under Part I, Section E.2, for remaining 342 moderate-priority Sites listed in Appendix A within 5 yr of the effective date of the Permit [or such other time period as may be specified pursuant to Part I, Section E.3, Alternative Compliance; E.4 (c), Force Majeure; or E.5, Additional Sampling Requirements].	10/31/2015
Alternative Compliance (AltComp)	Part I, Section E.3	The Permittees may seek to place a Site into alternative compliance when the Permittees believe they have installed measures to minimize pollutants in their storm water discharges but are unable to certify completion of corrective action within the deadlines established under Part I, Section E, Completion of Corrective Action. Compliance will be accomplished under alternative compliance on a case-by-case basis and, as necessary, pursuant to an individually tailored compliance schedule determined by EPA.	As applicable
Deletion of Site	Part I, Section I.2	The Permittees may submit a written request to remove a Site from the Permit if the Permittees can demonstrate that the Site meets one of the following conditions: (1) the Site was never used to manage hazardous waste or (2) the Site has received a certificate of completion under the Consent Order and confirmation samples of runoff have demonstrated concentrations no greater than applicable TALs. Once a Site is removed from the Permit, a discharge of contaminated runoff is no longer authorized by the Permit.	As applicable

Table 4-2
Summary of Individual Permit Compliance Status

Permit Phase	Number of SMAs	Compliance Status Category	Number of SMA/Site Combinations*	Status as of December 31, 2021
Baseline	74	Baseline Monitoring Extended (MEx)	114	Baseline monitoring is extended until one confirmation sample can be collected.
		Baseline Confirmation Complete (BCComp or <TAL)	5	All baseline confirmation monitoring results are less than TALs. No further confirmation monitoring is required.
Corrective Action	176	Enhanced Control Monitoring (CAM, CAM2, or CAM3)	105	Enhanced control monitoring continues until at least two samples are collected.
		Corrective Action Complete (CACompA)	5	CACompA – Corrective action is complete with a certification that all pollutants of concern are at or below applicable TALs per IP Part I.E.2(a).
		Corrective Action Complete (CACompC)	13	CACompC – Corrective action is complete with a certification that no pollutants are exposed to storm water per IP Part I.E.2(c).
		Corrective Action Complete Investigation (CACompC–Inv)	4	CACompC–Inv – Collect one sample per IP Part I.E.1(b) following certification of completion of corrective action that no pollutants are exposed to storm water.
		Corrective Action Complete (CACompD)	82	CACompD – Corrective action is complete with a certification that a Site has achieved RCRA Corrective Action Complete Without Controls/Corrective Action Complete With Controls status or a certificate of completion under NMED's Consent Order per IP Part I.E.2(d).
		Alternative Compliance Requested (AltCompR)	106	AltcompR – A request for alternative compliance for the Site is pending.
		Alternative Compliance Approved (AltCompA)	2	AltCompA – A request for alternative compliance was approved.
		Deletion of Site (DelSiteR)	12	DelSiteR – A request for deletion of the Site from the Permit is pending.
		Force Majeure Certificate of Completion Requested (FMCOC)	8	FMCOC – A request for an extension resulting from a force majeure event is pending. NMED approval of supplemental investigation reports and certificates of completion are required to complete corrective action.
		Alternatives Analysis (S7)	15	S7 – The SMA is being evaluated for a corrective action recommendation.
		Build Enhanced Controls (BEC)	2	BEC – Enhanced controls are being built to initiate corrective action monitoring.
		Corrective Action Initiation (CAI)	2	CAI – Confirmation monitoring at the SMA has exceeded one or more TALs and corrective action has been Initiated at the SMA.

Notes: Cells are shaded to indicate stages where monitoring is no longer required. Cells are shaded gray where all baseline confirmation monitoring results are less than TALs. Cells are shaded blue where corrective action is complete with a certification that all pollutants of concern are at or below applicable TALs per IP Part I.E.2(a). Cells are shaded orange where corrective action is complete with a certification that no pollutants are exposed to storm water per IP Part I.E.2(c). Cells are shaded yellow where corrective action is complete with a certification that a Site has achieved RCRA Corrective Action Complete Without Controls/Corrective Action Complete With Controls status or a certificate of completion under the New Mexico Environment Department's (NMED's) Consent Order per IP Part I.E.2(d). Cells are shaded green where a request for alternative compliance for the Site is pending. Cells are shaded pink where a request for alternative compliance was approved. Cells are shaded purple where a request for an extension resulting from a force majeure event is pending. NMED approval of supplemental investigation reports and certificates of completion are required to complete corrective action.

* Several SMA/Site combinations are counted in more than one active compliance status category, resulting in 474 SMA/Site combinations as of December 31, 2021.

Table 4-3
Site-Specific Compliance Status

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
R001	R-SMA-0.5	12/16/2010	08/03/2012	09/12/2012	C-00-020	MPS ^a	CACompD ^b	11/29/2012	n/a ^c	08/21/2013	NMED 2012, 520388
					C-00-020	MPS	DelSiteR ^d	10/14/2015	— ^e	—	—
R002	R-SMA-1	05/16/2011	08/19/2011	10/13/2011	C-00-041	MPS	CACompD	03/06/2017	n/a	03/06/2017	NMED 2016, 601644
R003	R-SMA-1.95	12/16/2010	08/19/2011	05/01/2012	00-015	MPS	CAM ^f	09/25/2014	In process	—	—
R004	R-SMA-2.05	12/01/2010	08/29/2020	09/03/2020	00-011(c)	MPS	DelSiteR	10/14/2015	—	—	—
					00-011(c)	MPS	CACompD	11/25/2020	n/a	11/25/2020	NMED 2012, 520388
R005	R-SMA-2.3	12/01/2010	In process	—	00-011(e)	MPS	Mex ^{g,h}	04/21/2020	—	—	—
R006	R-SMA-2.5	12/16/2010	08/08/2019	09/17/2019	00-011(a)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2013, 522505

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
B001	B-SMA-0.5	12/16/2010	09/13/2013	10/30/2013	10-001(a)	MPS	CACompD	04/27/2017	n/a	04/27/2017	NMED 2017, 602136
					10-001(b)	MPS	CACompD	04/27/2017	n/a	04/27/2017	NMED 2017, 602136
					10-001(c)	MPS	CACompD	04/27/2017	n/a	04/27/2017	NMED 2017, 602136
					10-001(d)	MPS	CACompD	04/27/2017	n/a	04/27/2017	NMED 2017, 602136
					10-004(a)	MPS	CACompD	04/27/2017	n/a	04/27/2017	NMED 2017, 602136
					10-004(b)	MPS	CACompD	04/27/2017	n/a	04/27/2017	NMED 2017, 602136
					10-008	MPS	CACompD	04/27/2017	n/a	04/27/2017	NMED 2017, 602136
					10-009	MPS	CACompD	04/27/2017	n/a	04/27/2017	NMED 2017, 602136
B002	B-SMA-1	12/16/2010	09/13/2013	10/22/2013	00-011(d)	MPS	CACompD	11/22/2013	n/a	11/22/2013	NMED 2013, 522505
P001	ACID-SMA-1.05	12/01/2010	In process	—	00-030(g)	MPS	MEx ^h	04/21/2020	—	—	—
P002	ACID-SMA-2	12/01/2010	08/19/2011	11/03/2011	01-002(b)-00	MPS	CAM	10/14/2016	01/10/2018	—	—
					45-001	MPS	CACompD	03/07/2013	n/a	03/07/2013	NMED 2013, 522072
					45-002	MPS	CACompD	03/07/2013	n/a	03/07/2013	NMED 2013, 522072
					45-004	MPS	CACompD	03/07/2013	n/a	03/07/2013	NMED 2013, 522072
				01/10/2018	01-002(b)-00	MPS	AltCompR ⁱ	04/22/2019	—	—	N3B 2019, 700401
P002A	ACID-SMA-2.01	12/16/2010	In process	—	00-030(f)	MPS	MEx	04/30/2012	—	—	—
P003	ACID-SMA-2.1	12/01/2010	08/03/2012	01/12/2018	01-002(b)-00	MPS	CAM	10/14/2016	01/12/2018	—	—
					01-002(b)-00	MPS	AltCompR	04/22/2019	—	—	N3B 2019, 700401
P004	P-SMA-0.3	12/16/2010	07/25/2013	09/05/2013	00-018(b)	MPS	CACompD	09/16/2013	n/a	09/16/2013	NMED 2011, 111673
P005	P-SMA-1	12/01/2010	In process	—	73-001(a)	HPS ^j	MEx	10/31/2011	—	—	—
					73-004(d)	HPS	MEx	10/31/2011	—	—	—
P006	P-SMA-2	12/01/2010	09/05/2014	10/14/2014	73-002	MPS	CACompD	04/16/2015	n/a	04/16/2015	NMED 2007, 098441
					73-006	MPS	CACompD	04/16/2015	n/a	04/16/2015	NMED 2007, 098441
P007	P-SMA-2.15	12/16/2010	In process	—	31-001	MPS	MEx	04/30/2012	—	—	—
P008	P-SMA-2.2	05/16/2011	07/25/2019	09/03/2019	00-019	HPS	CAM	12/14/2020	In process	—	—
P009	P-SMA-3.05	12/16/2010	09/13/2013	10/22/2013	00-018(a)	HPS	CACompD	04/16/2015	n/a	04/16/2015	NMED 2015, 600178
L001	LA-SMA-0.85	12/01/2010	08/14/2011	10/07/2011	03-055(c)	MPS	CAM	10/23/2012	06/24/2013	—	—
					03-055(c)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2019, 700640
L002	LA-SMA-0.9	12/16/2010	In process	—	00-017	MPS	MEx	04/30/2012	—	—	—
					C-00-044	MPS	MEx	04/30/2012	—	—	—
L003	LA-SMA-1	12/16/2010	08/19/2011	04/30/2012	00-017	MPS	CAM	11/27/2012	10/08/2014	—	—
					C-00-044	MPS	CAM	11/27/2012	10/08/2014	—	—
				10/08/2014	00-017	MPS	CACompC ^k	09/29/2015	n/a	09/29/2015	LANL 2015, 600932
					C-00-044	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
L004	LA-SMA-1.1	12/16/2010	08/19/2011	10/11/2011	43-001(b2)	MPS	CACompD	11/29/2012	n/a	08/21/2013	NMED 2010, 110667
L005	LA-SMA-1.25	12/01/2010	08/28/2011	10/27/2011	C-43-001	MPS	CAM	08/30/2012	11/15/2012	—	—
				11/15/2012	C-43-001	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
L006	LA-SMA-2.1	05/16/2011	09/13/2013	11/03/2013	01-001(f)	HPS	CAM	09/25/2014	In process	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
L007	LA-SMA-2.3	12/16/2010	08/21/2011	05/01/2012	01-001(b)	MPS	CACompD	11/29/2012	n/a	08/21/2013	LANL 2015, 250035
L008	LA-SMA-3.1	12/01/2010	10/24/2018	12/10/2018	01-001(e)	HPS	AltCompR	04/22/2019	—	04/22/2019	N3B 2019, 700401
					01-003(a)	HPS	AltCompR	04/22/2019	—	04/22/2019	N3B 2019, 700401
L009	LA-SMA-3.9	12/16/2010	In process	—	01-001(g)	MPS	MEx	04/30/2012	—	—	—
					01-006(a)	MPS	MEx	04/30/2012	—	—	—
L010	LA-SMA-4.1	12/01/2010	09/04/2011	11/08/2011	01-003(b1)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					01-003(b2)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					01-006(b)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
L011	LA-SMA-4.2	12/01/2010	In process	—	01-001(c)	MPS	MEx	10/31/2011	—	—	—
					01-006(c)	MPS	MEx	10/31/2011	—	—	—
					01-006(d)	MPS	MEx	10/31/2011	—	—	—
L012	LA-SMA-5.01	12/16/2010	In process	—	01-001(d1)	HPS	MEx	04/30/2012	—	—	—
					01-001(d2)	HPS	MEx	04/30/2012	—	—	—
					01-001(d3)	HPS	MEx	04/30/2012	—	—	—
					01-006(h1)	HPS	MEx	04/30/2012	—	—	—
					01-006(h2)	HPS	MEx	04/30/2012	—	—	—
					01-006(h3)	HPS	MEx	04/30/2012	—	—	—
L012A	LA-SMA-5.02	05/16/2011	08/19/2011	10/25/2011	01-003(e)	HPS	CACompD	11/29/2012	n/a	11/29/2012	NMED 2010, 110667
L013	LA-SMA-5.2	05/16/2011	07/26/2019	09/04/2019	01-003(d)	MPS	CAM	07/15/2021	In process	—	—
L014	LA-SMA-5.35	12/01/2010	09/07/2011	10/27/2011	C-41-004	MPS	CAM	11/27/2012	10/20/2014	—	—
				10/20/2014	C-41-004	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
L015	LA-SMA-5.31	12/16/2010	08/19/2011	04/30/2012	41-002(c)	MPS	CAM	07/27/2012	In process	—	—
L016	LA-SMA-5.33	12/16/2010	08/21/2011	04/30/2012	32-004	MPS	CACompD	07/30/2012	n/a	08/21/2013	NMED 2012, 521746
L017	LA-SMA-5.361	04/28/2011	08/07/2019	09/17/2019	32-002(b1)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2012, 521746
					32-002(b2)	MPS	AltCompR	10/27/2020	—	—	N3B 2020, 701098
L017A	LA-SMA-5.362	04/28/2011	In process	—	32-003	MPS	MEx	04/30/2012	—	—	—
L018	LA-SMA-5.51	04/28/2011	07/12/2013	08/21/2013	02-003(a)	HPS	CAM	06/26/2014	In process	—	—
					02-003(e)	HPS	CAM	06/26/2014	In process	—	—
					02-004(a)	HPS	CAM	06/26/2014	In process	—	—
					02-005	HPS	CAM	06/26/2014	In process	—	—
					02-006(b)	HPS	CAM	06/26/2014	In process	—	—
					02-006(c)	HPS	CAM	06/26/2014	In process	—	—
					02-006(d)	HPS	CAM	06/26/2014	In process	—	—
					02-006(e)	HPS	CAM	06/26/2014	In process	—	—
					02-008(a)	HPS	CAM	06/26/2014	In process	—	—
					02-009(b)	HPS	CAM	06/26/2014	In process	—	—
					02-011(a)	HPS	CAM	06/26/2014	In process	—	—
					02-011(b)	HPS	CAM	06/26/2014	In process	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
L018 (cont.)	LA-SMA-5.51	04/28/2011	07/12/2013	08/21/2013	02-011(c)	HPS	CAM	06/26/2014	In process	—	—
					02-011(d)	HPS	CAM	06/26/2014	In process	—	—
					02-014	HPS	CAM	06/26/2014	In process	—	—
L018A	LA-SMA-5.52	04/28/2011	07/29/2014	10/20/2014	02-003(b)	HPS	CAM	10/28/2015	In process	—	—
					02-007	HPS	CAM	10/28/2015	In process	—	—
					02-008(c)	HPS	CAM	10/28/2015	In process	—	—
L018B	LA-SMA-5.53	04/28/2011	In process	—	02-009(a)	HPS	MEx	04/30/2012	—	—	—
L018C	LA-SMA-5.54	04/28/2011	09/13/2013	11/03/2013	02-009(c)	HPS	CAM	09/25/2014	In process	—	—
L019	LA-SMA-5.91	12/01/2010	09/07/2011	10/31/2011	21-009	MPS	CAM	07/08/2013	08/25/2014	—	—
					21-021	MPS	CAM	07/08/2013	08/25/2014	—	—
					21-023(c)	MPS	CACompD	08/21/2013	n/a	08/21/2013	NMED 2011, 203706
					21-027(d)	MPS	CAM	07/08/2013	08/25/2014	—	—
				08/21/2014	21-009	MPS	CACompD	03/06/2017	n/a	03/06/2017	NMED 2016, 601146
					21-021	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
					21-027(d)	MPS	FMCOCl	01/19/2016	—	—	LANL 2015, 600979
L019A	LA-SMA-5.92	12/01/2010	07/12/2013	08/27/2013	21-013(b)	MPS	CACompD	11/22/2013	n/a	11/22/2013	NMED 2011, 203706
					21-013(b)	MPS	CAM	10/28/2015	In process	—	—
					21-013(g)	MPS	CACompD	11/22/2013	n/a	11/22/2013	NMED 2011, 203706
					21-018(a)	MPS	CACompD	11/22/2013	n/a	11/22/2013	NMED 2011, 203706
					21-021	MPS	CAM	10/28/2015	In process	—	—
L020	LA-SMA-6.25	12/01/2010	In process	—	21-021	MPS	MEx	10/31/2011	—	—	—
					21-024(d)	MPS	MEx	10/31/2011	—	—	—
					21-027(c)	MPS	MEx	10/31/2011	—	—	—
L021	LA-SMA-6.27	12/01/2010	In process	—	21-021	MPS	MEx	10/31/2011	—	—	—
					21-027(c)	MPS	MEx	10/31/2011	—	—	—
L022	LA-SMA-6.3	12/16/2010	07/26/2019	08/27/2019	21-006(b)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2018, 700067
L022A	LA-SMA-6.31	12/16/2010	In process	—	21-027(a)	MPS	MEx	04/30/2012	—	—	—
L023	LA-SMA-6.32	12/16/2010	In process	—	21-021	MPS	MEx	04/30/2012	—	—	—
L024	LA-SMA-6.34	12/16/2010	In process	—	21-021	MPS	MEx	04/30/2012	—	—	—
					21-022(h)	MPS	MEx	04/30/2012	—	—	—
L025	LA-SMA-6.36	12/16/2010	In process	—	21-021	MPS	MEx	04/30/2012	—	—	—
					21-024(a)	MPS	MEx	04/30/2012	—	—	—
L026	LA-SMA-6.38	12/16/2010	In process	—	21-021	MPS	MEx	04/30/2012	—	—	—
					21-024(c)	MPS	MEx	04/30/2012	—	—	—
L027	LA-SMA-6.395	12/16/2010	09/13/2013	10/25/2013	21-021	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
					21-024(j)	MPS	CACompD	03/06/2017	n/a	03/06/2017	NMED 2016, 601146
L028	LA-SMA-6.5	12/16/2010	In process	—	21-021	MPS	MEx	04/30/2012	—	—	—
					21-024(i)	HPS	MEx	04/30/2012	—	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
L029	LA-SMA-9	04/28/2011	08/10/2014	09/17/2014	26-001	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
					26-002(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
					26-002(b)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
					26-003	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
L030	LA-SMA-10.11	12/16/2010	In process	—	53-002(a)	MPS	MEx	04/30/2012	—	—	—
L030A	LA-SMA-10.12	05/16/2011	09/01/2011	05/01/2012	53-008	MPS	CAM	11/30/2012	10/27/2015	—	—
				10/27/2015	53-008	MPS	CACompA ^m	03/04/2016	—	03/04/2016	LANL 2016, 601270
D001	DP-SMA-0.3	04/28/2011	08/19/2011	05/01/2012	21-029	MPS	CAM	07/08/2013	10/30/2013	—	—
				10/30/2013	21-029	MPS	CACompD	03/06/2017	n/a	03/06/2017	NMED 2016, 601146
D002	DP-SMA-0.4	12/16/2010	09/13/2013	10/26/2013	21-021	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
D003	DP-SMA-0.6	04/28/2011	07/26/2019	09/03/2019	21-021	MPS	AltCompR	10/27/2020	—	—	N3B 2020, 701098
					21-024(l)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2018, 700067
D004	DP-SMA-1	12/16/2010	In process	—	21-011(k)	MPS	MEx	04/30/2012	—	—	—
					21-021	MPS	MEx	04/30/2012	—	—	—
D005	DP-SMA-2	12/01/2010	In process	—	21-021	MPS	MEx	10/31/2011	—	—	—
					21-024(h)	MPS	MEx	10/31/2011	—	—	—
D006	DP-SMA-2.35	12/16/2010	09/13/2013	10/30/2013	21-021	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
					21-024(n)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
D007	DP-SMA-3	02/11/2011	07/29/2011	05/01/2012	21-013(c)	MPS	CACompD	03/06/2017	n/a	03/06/2017	NMED 2016, 601146
					21-021	MPS	CAM	08/30/2012	08/09/2019	—	—
				09/16/2019	21-021	MPS	AltCompR	10/27/2020	—	—	N3B 2020, 701098
D008	DP-SMA-4	12/16/2010	In process	—	21-021	MPS	MEx	04/30/2012	—	—	—
S001	S-SMA-0.25	12/01/2010	08/15/2011	10/20/2011	03-013(a)	HPS	CAM	06/26/2014	11/03/2014	—	—
					03-052(f)	HPS	CAM	06/26/2014	11/03/2014	—	—
				11/03/2014	03-013(a)	HPS	CACompC	09/29/2015	—	09/29/2015	LANL 2015, 600932
					03-052(f)	HPS	FMCOCC	09/10/2015	—	—	LANL 2015, 600910
S002	S-SMA-1.1	05/16/2011	08/04/2011	11/02/2011	03-029	HPS	CAM	11/27/2012	10/07/2014	—	—
				10/07/2014	03-029	HPS	FMCOCC	09/23/2013	—	—	LANL 2013, 250039
S003	S-SMA-2	12/01/2010	08/13/2011	10/20/2011	03-012(b)	HPS	CAM	07/08/2013	09/10/2013	—	—
					03-045(b)	HPS	CAM	07/08/2013	09/10/2013	—	—
					03-045(c)	HPS	CAM	07/08/2013	09/10/2013	—	—
					03-056(c)	HPS	CACompD	08/21/2013	n/a	08/21/2013	NMED 2011, 111821
				09/10/2013	03-012(b)	HPS	FMCOCC	09/23/2013	—	—	LANL 2013, 250039
					03-045(b)	HPS	AltCompA ⁿ	09/10/2013	—	—	—
					03-045(b)	HPS	DelSiteR	10/21/2015	—	—	—
					03-045(c)	HPS	AltCompA	09/10/2013	—	—	—
S003A	S-SMA-2.01	12/16/2010	09/07/2011	11/02/2011	03-052(b)	HPS	FMCOCC	09/23/2013	—	—	LANL 2013, 250039

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
S004	S-SMA-2.8	12/16/2010	In process	—	03-014(c2)	MPS	MEx	04/30/2012	—	—	—
S005	S-SMA-3.51	12/16/2010	In process	—	03-009(i)	HPS	MEx	04/30/2012	—	—	—
S005A	S-SMA-3.52	12/16/2010	In process	—	03-021	HPS	MEx	04/30/2012	—	—	—
S005B	S-SMA-3.53	12/16/2010	08/04/2011	04/30/2012	03-014(b2)	HPS	CAM	05/02/2013	08/18/2014	—	—
				08/18/2014	03-014(b2)	HPS	FMCOC	09/23/2013	—	—	LANL 2013, 250039
S006	S-SMA-3.6	12/01/2010	08/13/2011	10/20/2011	60-007(b)	HPS	CAM	11/27/2012	08/13/2013	—	—
				08/13/2013	60-007(b)	HPS	FMCOC	09/23/2013	—	—	LANL 2013, 250039
S007	S-SMA-3.7	12/16/2010	In process	—	53-012(e)	MPS	MEx	04/30/2012	—	—	—
S008	S-SMA-3.71	12/16/2010	In process	—	53-001(a)	MPS	MEx	04/30/2012	—	—	—
S009	S-SMA-3.72	12/16/2010	07/20/2015	08/28/2015	53-001(b)	MPS	CACompD	10/29/2015	n/a	10/30/2015	NMED 2013, 523159
S010	S-SMA-3.95	05/16/2011	09/13/2013	10/25/2013	20-002(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
S011	S-SMA-4.1	12/16/2010	09/01/2011	11/02/2011	53-014	HPS	CACompD	10/29/2015	n/a	08/21/2013	NMED 2013, 523159
S012	S-SMA-4.5	05/16/2011	In process	—	20-002(d)	MPS	MEx	04/30/2012	—	—	—
S013	S-SMA-5	05/16/2011	In process	—	20-002(c)	HPS	MEx	04/30/2012	—	—	—
S014	S-SMA-5.2	12/16/2010	07/26/2019	09/03/2019	20-003(c)	MPS	AltCompR	10/27/2020	—	—	N3B 2020, 701098
S015	S-SMA-5.5	05/16/2011	07/31/2014	09/11/2014	20-005	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
S016	S-SMA-6	05/16/2011	08/19/2011	11/02/2011	72-001	HPS	CAM	10/15/2015	07/27/2016	—	—
				07/27/2016	72-001	HPS	CAM2 ^o	07/27/2016	01/16/2018	—	—
				01/16/2018	72-001	HPS	CAM3 ^p	12/14/2020	In process	—	—
C001	CDB-SMA-0.15	12/01/2010	07/20/2015	08/25/2015	04-003(a)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					04-004	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
C002	CDB-SMA-0.25	12/01/2010	09/01/2011	11/02/2011	46-004(c2)	MPS	CAM	07/20/2012	10/22/2013	—	—
					46-004(e2)	MPS	CAM	07/20/2012	10/22/2013	—	—
				10/22/2013	46-004(c2)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					46-004(e2)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
C003	CDB-SMA-0.55	01/12/2011	09/13/2013	10/25/2013	46-004(g)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					46-004(m)	MPS	CACompD	11/22/2013	n/a	11/22/2013	NMED 2012, 520940
					46-004(s)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					46-006(f)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
C004	CDB-SMA-1	01/12/2011	09/07/2011	04/30/2012	46-003(c)	MPS	CAM	07/30/2012	11/05/2013	—	—
					46-004(d2)	MPS	CAM	07/30/2012	11/05/2013	—	—
					46-004(f)	MPS	CAM	07/30/2012	11/05/2013	—	—
					46-004(t)	MPS	CAM	07/30/2012	11/05/2013	—	—
					46-004(w)	MPS	CAM	07/30/2012	11/05/2013	—	—
					46-008(g)	MPS	CAM	07/30/2012	11/05/2013	—	—
					46-009(a)	MPS	CAM	07/30/2012	11/05/2013	—	—
					C-46-001	MPS	CACompD	11/29/2012	n/a	11/29/2012	NMED 2012, 520940

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
C004	CDB-SMA-1	01/12/2011	09/07/2011	11/05/2013	46-003(c)	MPS	CAM2	09/04/2015	In process	—	—
					46-004(d2)	MPS	CAM2	09/04/2015	In process	—	—
					46-004(f)	MPS	CAM2	09/04/2015	In process	—	—
					46-004(t)	MPS	CAM2	09/04/2015	In process	—	—
					46-004(w)	MPS	CAM2	09/04/2015	In process	—	—
					46-008(g)	MPS	CAM2	09/04/2015	In process	—	—
					46-009(a)	MPS	CAM2	09/04/2015	In process	—	—
					C-46-001	MPS	DelSiteR	10/14/2015	—	—	—
C005	CDB-SMA-1.15	12/01/2010	In process	—	46-004(b)	MPS	MEx	10/31/2011	—	—	—
					46-004(y)	MPS	MEx	10/31/2011	—	—	—
					46-004(z)	MPS	MEx	10/31/2011	—	—	—
					46-006(d)	MPS	MEx	10/31/2011	—	—	—
C006	CDB-SMA-1.35	12/01/2010	In process	—	46-004(a2)	MPS	MEx	10/31/2011	—	—	—
					46-004(u)	MPS	MEx	10/31/2011	—	—	—
					46-004(v)	MPS	MEx	10/31/2011	—	—	—
					46-004(x)	MPS	MEx	10/31/2011	—	—	—
					46-006(d)	MPS	MEx	10/31/2011	—	—	—
					46-008(f)	MPS	MEx	10/31/2011	—	—	—
C007	CDB-SMA-1.54	12/01/2010	In process	—	46-004(h)	MPS	MEx	10/31/2011	—	—	—
					46-004(q)	MPS	MEx	10/31/2011	—	—	—
					46-006(d)	MPS	MEx	10/31/2011	—	—	—
C008	CDB-SMA-1.55	12/01/2010	In process	—	46-003(e)	MPS	MEx	10/31/2011	—	—	—
C009	CDB-SMA-1.65	12/01/2010	In process	—	46-003(b)	MPS	MEx	10/31/2011	—	—	—
C010	CDB-SMA-4	12/16/2010	07/25/2013	08/27/2013	54-017	HPS	CACompC-Inv ^q	08/27/2014	—	08/27/2014	—
					54-018	HPS	CACompC-Inv	08/27/2014	—	08/27/2014	—
					54-020	HPS	CACompC-Inv	08/27/2014	—	08/27/2014	—
M001	M-SMA-1	12/01/2010		11/02/2011	03-050(a)	MPS	CAM	11/27/2012	08/13/2013	—	—
					03-054(e)	MPS	CAM	11/27/2012	08/13/2013	—	—
				08/13/2013	03-050(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					03-054(e)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
M002	M-SMA-1.2	12/16/2010	09/13/2013	10/30/2013	03-049(a)	MPS	CAM	09/25/2014	01/16/2018	—	—
				01/16/2018	03-049(a)	MPS	AltCompR	04/22/2019	—	—	LANL 2015, 600417
M002A	M-SMA-1.21	12/16/2010	10/24/2018	12/10/2018	03-049(e)	MPS	S7 ^r	—	—	—	—
M002B	M-SMA-1.22	02/11/2011	09/15/2011	05/01/2012	03-045(h)	MPS	CAM	05/02/2013	10/20/2014	—	—
				10/20/2014	03-045(h)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
M003	M-SMA-3	05/16/2011	07/12/2013	08/13/2013	48-001	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					48-005	MPS	CAM	10/15/2015	In process	—	—
					48-007(c)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
M004	M-SMA-3.1	12/16/2010	In process	—	48-001	MPS	MEx	04/30/2012	—	—	—
					48-007(b)	MPS	MEx	04/30/2012	—	—	—
M005	M-SMA-3.5	05/16/2011	In process	—	48-001	MPS	MEx	04/30/2012	—	—	—
					48-003	HPS	MEx	04/30/2012	—	—	—
M006	M-SMA-4	12/01/2010	08/19/2011	10/31/2011	48-001	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					48-005	MPS	CACompC	09/29/2015	—	09/29/2015	LANL 2015, 600932
					48-007(a)	MPS	CACompD	08/21/2013	n/a	08/21/2013	NMED 2010, 110665
					48-007(d)	MPS	CACompD	08/21/2013	n/a	08/21/2013	NMED 2010, 110665
					48-010	MPS	CACompD	08/21/2013	n/a	08/21/2013	NMED 2010, 110665
M007	M-SMA-5	05/16/2011	In process	—	42-001(a)	MPS	MEx	04/30/2012	—	—	—
					42-001(b)	MPS	MEx	04/30/2012	—	—	—
					42-001(c)	MPS	MEx	04/30/2012	—	—	—
					42-002(a)	MPS	MEx	04/30/2012	—	—	—
					42-002(b)	MPS	MEx	04/30/2012	—	—	—
M008	M-SMA-6	12/16/2010	10/12/2012	11/15/2012	35-016(h)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
M009	M-SMA-7	12/16/2010	07/07/2012	08/22/2012	35-016(g)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
M010	M-SMA-7.9	12/16/2010	09/13/2013	10/25/2013	50-006(d)	HPS	AltCompR	04/21/2014	—	—	LANL 2014, 255538
M011	M-SMA-9.1	02/11/2011	In process	—	35-016(f)	MPS	MEx	04/30/2012	—	—	—
M012	M-SMA-10	12/16/2010	06/30/2013	08/13/2013	35-008	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-014(e)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
M012A	M-SMA-10.01	12/16/2010	09/15/2011	11/15/2011	35-016(e)	MPS	CAM	09/25/2012	10/30/2015	—	—
				09/25/2012	35-016(e)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
M013	M-SMA-10.3	05/16/2011	08/19/2011	10/24/2011	35-014(e2)	HPS	CACompD	10/30/2013	n/a	10/30/2013	NMED 2013, 523693
					35-016(i)	HPS	CACompD	10/30/2013	n/a	10/30/2013	NMED 2013, 523693
M014	M-SMA-11.1	12/16/2010	In process	—	35-016(o)	MPS	MEx	04/30/2012	—	—	—
M015	M-SMA-12	04/28/2011	07/07/2015	08/11/2015	35-016(p)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
M016	M-SMA-12.5	12/01/2010	07/25/2019	08/27/2019	05-005(b)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2019, 700344
					05-006(c)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2019, 700344
M017	M-SMA-12.6	05/16/2011	09/13/2013	10/22/2013	05-004	MPS	CACompD	05/16/2019	n/a	05/16/2019	NMED 2019, 700344
M018	M-SMA-12.7	12/16/2010	In process	—	05-002	MPS	MEx	04/30/2012	—	—	—
					05-005(a)	MPS	MEx	04/30/2012	—	—	—
					05-006(b)	MPS	MEx	04/30/2012	—	—	—
					05-006(e)	MPS	MEx	04/30/2012	—	—	—
M019	M-SMA-12.8	12/16/2010	07/25/2019	09/03/2019	05-001(a)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2015, 600917
					05-002	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2015, 600917
M020	M-SMA-12.9	12/16/2010	07/20/2015	08/25/2015	05-001(b)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600917
					05-002	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600917
M021	M-SMA-12.92	12/01/2010	In process	—	00-001	MPS	MEx	10/31/2011	—	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
M022	M-SMA-13	12/16/2010	08/26/2021	10/04/2021	05-001(c)	MPS	CACompD	12/16/2021	n/a	12/16/2021	NMED 2015, 600917
T001	Pratt-SMA-1.05	12/16/2010	09/13/2013	10/30/2013	35-003(h)	HPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-003(p)	HPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-003(r)	HPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-004(h)	HPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-004(h)	HPS	DelSiteR	10/14/2015	—	—	—
					35-009(d)	HPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-016(k)	HPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-016(l)	HPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-016(m)	HPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-016(m)	HPS	DelSiteR	10/14/2015	—	—	—
T002	T-SMA-1	12/16/2010	08/15/2011	10/21/2011	50-006(a)	HPS	FMCOCC	09/23/2013	—	—	LANL 2013, 250038
					50-009	HPS	CACompC	10/31/2013	—	10/31/2013	LANL 2013, 250960
T003	T-SMA-2.5	12/16/2010	07/26/2019	09/03/2019	35-014(g3)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2015, 600985
T004	T-SMA-2.85	12/16/2010	07/12/2013	08/21/2013	35-014(g)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-016(n)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
T005	T-SMA-3	12/16/2010	09/12/2012	10/19/2012	35-016(b)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
T006	T-SMA-4	12/16/2010	09/13/2013	10/25/2013	35-004(a)	MPS	CAM	10/15/2015	10/30/2015	—	—
					35-009(a)	MPS	CAM	10/15/2015	10/30/2015	—	—
					35-016(c)	MPS	CAM	10/15/2015	10/30/2015	—	—
					35-016(d)	MPS	CAM	10/15/2015	10/30/2015	—	—
				10/30/2015	35-004(a)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-009(a)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-016(c)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
					35-016(d)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
T007	T-SMA-5	12/16/2010	In process	—	35-004(a)	MPS	MEx	04/30/2012	—	—	—
					35-009(a)	MPS	MEx	04/30/2012	—	—	—
					35-016(a)	MPS	MEx	04/30/2012	—	—	—
					35-016(q)	MPS	MEx	04/30/2012	—	—	—
T008	T-SMA-6.8	12/16/2010	07/31/2014	09/17/2014	35-010(e)	MPS	CACompD	10/30/2015	n/a	10/30/2015	NMED 2015, 600985
T009	T-SMA-7	12/16/2010	09/12/2017	01/16/2018	04-003(b)	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2015, 600446
T010	T-SMA-7.1	12/16/2010	07/25/2019	08/27/2019	04-001	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2015, 600446
					04-002	MPS	CACompD	12/23/2019	n/a	12/23/2019	NMED 2015, 600446
E001	2M-SMA-1	12/01/2010	08/20/2011	10/18/2011	03-010(a)	MPS	CAM	07/20/2012	10/19/2012	—	—
				10/19/2012	03-010(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
E002	2M-SMA-1.42	01/12/2011	09/15/2011	11/10/2011	06-001(a)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
E003	2M-SMA-1.43	12/01/2010	07/12/2013	08/21/2013	22-014(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					22-015(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
E004	2M-SMA-1.44	01/12/2011	08/21/2011	04/30/2012	06-001(b)	MPS	CAM	06/27/2012	10/20/2014	—	—
				10/20/2014	06-001(b)	MPS	CAM2	09/04/2015	In process	—	—
E005	2M-SMA-1.45	01/12/2011	09/07/2011	05/01/2012	06-006	MPS	CAM	08/20/2012	09/08/2015	—	—
				09/08/2015	06-006	MPS	CACompA	09/08/2015	—	09/08/2015	LANL 2015, 600976
E006	2M-SMA-1.5	12/01/2010	In process	—	22-014(b)	MPS	MEx	10/31/2011	—	—	—
E007	2M-SMA-1.65	01/12/2011	08/21/2011	05/01/2012	40-005	MPS	CAM	07/19/2012	In process	—	—
E008	2M-SMA-1.67	04/28/2011	In process	—	06-003(h)	MPS	MEx	04/30/2012	—	—	—
E009	2M-SMA-1.7	01/12/2011	09/09/2011	11/03/2011	03-055(a)	MPS	CAM	07/27/2012	09/29/2014	—	—
				09/29/2014	03-055(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
E010	2M-SMA-1.8	01/12/2011	09/09/2011	11/03/2011	03-001(k)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
E011	2M-SMA-1.9	01/12/2011	07/11/2012	08/23/2012	03-003(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
E012	2M-SMA-2	01/12/2011	09/04/2011	11/03/2011	03-050(d)	MPS	CAM	05/02/2013	09/24/2013	—	—
					03-054(b)	MPS	CAM	05/02/2013	09/24/2013	—	—
				09/24/2013	03-050(d)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					03-054(b)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
E013	2M-SMA-2.2	12/01/2010	09/04/2011	11/03/2011	03-003(k)	MPS	CACompC	09/29/2015	—	09/29/2015	LANL 2015, 600932
E014	2M-SMA-3	01/12/2011	07/12/2013	08/16/2013	07-001(a)	MPS	CACompA	01/15/2017	10/04/2017	11/27/2019	N3B 2019, 700685
					07-001(b)	MPS	CACompA	01/15/2017	10/04/2017	11/27/2019	N3B 2019, 700685
					07-001(c)	MPS	CAM	05/07/2019	In process	—	—
					07-001(d)	MPS	CACompA	01/15/2017	10/04/2017	11/27/2019	N3B 2019, 700685
E015	2M-SMA-2.5	01/12/2011	In process	—	40-001(c)	MPS	MEx ^h	04/21/2020	—	—	—
H001	3M-SMA-0.2	12/01/2010	07/15/2018	08/20/2018	15-010(b)	MPS	CAM	07/15/2021	In process	—	—
H002	3M-SMA-0.4	01/12/2011	07/12/2013	08/27/2013	15-006(b)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
H003	3M-SMA-0.5	01/12/2011	07/09/2014	08/18/2014	15-006(c)	MPS	CAM	10/28/2015	In process	—	—
					15-009(c)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
H004	3M-SMA-0.6	01/12/2011	In process	—	15-008(b)	MPS	MEx	04/30/2012	—	—	—
H005	3M-SMA-2.6	04/28/2011	In process	—	36-008	MPS	MEx	04/30/2012	—	—	—
					C-36-003	MPS	MEx	04/30/2012	—	—	—
H006	3M-SMA-4	01/12/2011	07/29/2014	10/20/2014	18-002(b)	MPS	CAM	10/28/2015	01/12/2018	—	—
					18-003(c)	MPS	CAM	10/28/2015	01/12/2018	—	—
					18-010(f)	MPS	CAM	10/28/2015	01/12/2018	—	—
				01/12/2018	18-002(b)	MPS	AltCompR	04/22/2019	—	—	N3B 2019, 700401
					18-003(c)	MPS	AltCompR	04/22/2019	—	—	N3B 2019, 700401
					18-010(f)	MPS	AltCompR	04/22/2019	—	—	N3B 2019, 700401
J001	PJ-SMA-1.05	12/01/2010	09/13/2013	11/03/2013	09-013	MPS	CAM	09/04/2015	In process	—	—
J002	PJ-SMA-2	12/01/2010	In process	—	09-009	MPS	MEx	10/31/2011	—	—	—
J003	PJ-SMA-3.05	02/11/2011	08/19/2011	04/30/2012	09-004(o)	MPS	CAM	07/18/2012	07/27/2021	—	—
				8/30/2021	09-004(o)	MPS	S7	—	—	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
J004	PJ-SMA-4.05	12/01/2010	09/13/2013	10/30/2013	09-004(g)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
					09-005(g)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
J005	PJ-SMA-5	12/01/2010	10/12/2012	11/15/2012	22-015(c)	MPS	CAM	08/10/2015	10/09/2018	—	—
				10/09/2018	22-015(c)	MPS	CAM2	12/14/2020	In process	—	—
J006	PJ-SMA-5.1	01/12/2011	09/07/2011	10/31/2011	22-010(b)	MPS	CAM	07/18/2012	In process	—	—
				10/31/2011	22-016	MPS	CAM	07/18/2012	In process	—	—
J007	PJ-SMA-6	12/01/2010	07/08/2014	08/18/2014	40-010	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
J008	PJ-SMA-7	12/01/2010	In process	—	40-006(c)	MPS	MEx	10/31/2011	—	—	—
J009	PJ-SMA-8	12/01/2010	In process	—	40-006(b)	MPS	MEx	10/31/2011	—	—	—
J010	PJ-SMA-9	12/01/2010	06/21/2014	08/04/2014	40-009	MPS	CAM	10/28/2015	In process	—	—
J012	PJ-SMA-10	01/12/2011	07/04/2014	08/11/2014	40-006(a)	MPS	CAM	10/28/2015	10/05/2016	—	—
				10/06/2016	40-006(a)	MPS	CAM2	04/07/2017	In process	—	—
J013	PJ-SMA-11	01/12/2011	09/13/2013	10/30/2013	40-003(a)	MPS	CAM	08/10/2015	07/02/2019	—	—
				08/05/2019	40-003(a)	MPS	CAM2	03/30/2021	10/04/2021	—	—
				10/04/2021	36-004(d)	MPS	S7	—	—	—	—
J014	PJ-SMA-11.1	01/12/2011	09/13/2013	10/30/2013	40-003(b)	MPS	CAM	08/10/2015	In process	—	—
J015	PJ-SMA-13	04/28/2011	In process	—	18-002(a)	MPS	MEx	04/30/2012	—	—	—
J016	PJ-SMA-13.7	01/12/2011	09/01/2011	05/01/2012	18-010(b)	MPS	CAM	07/08/2013	In process	—	—
J017	PJ-SMA-14	04/28/2011	In process	—	54-004	MPS	MEx	04/30/2012	—	—	—
J018	PJ-SMA-14.2	12/01/2010	In process	—	18-012(b)	MPS	MEx	10/31/2011	—	—	—
J019	PJ-SMA-14.3	12/01/2010	In process	—	18-003(e)	MPS	MEx	10/31/2011	—	—	—
J020	PJ-SMA-14.4	04/28/2011	In process	—	18-010(d)	MPS	MEx	04/30/2012	—	—	—
J021	PJ-SMA-14.6	12/01/2010	In process	—	18-010(e)	MPS	MEx	10/31/2011	—	—	—
J022	PJ-SMA-14.8	01/12/2011	08/18/2011	—	18-012(a)	MPS	BCComp ^s	05/01/2012	—	—	—
J023	PJ-SMA-16	12/01/2010	08/08/2013	—	27-002	MPS	BCComp	09/11/2013	—	—	—
J024	PJ-SMA-17	12/01/2010	07/25/2013	09/05/2013	54-018	HPS	CACompC	08/27/2014	—	08/27/2014	LANL 2014, 260884
J026	PJ-SMA-18	12/01/2010	07/25/2013	09/03/2013	54-014(d)	MPS	CACompC	08/28/2014	—	08/28/2014	LANL 2014, 260887
					54-017	HPS	CACompC	08/28/2014	—	08/28/2014	LANL 2014, 260887
J025	PJ-SMA-19	12/01/2010	08/08/2013	09/12/2013	54-013(b)	HPS	CACompC	08/28/2014	—	08/28/2014	LANL 2014, 260887
					54-017	HPS	CACompC	08/28/2014	—	08/28/2014	LANL 2014, 260887
					54-020	HPS	CACompC	08/28/2014	—	08/28/2014	LANL 2014, 260887
J027	PJ-SMA-20	12/16/2010	08/22/2011	05/01/2012	54-017	HPS	CACompC	10/25/2013	—	10/25/2013	LANL 2014, 260188
J028	STRM-SMA-1.05	12/01/2010	08/26/2011	10/17/2011	08-009(f)	MPS	CAM	05/02/2013	09/10/2013	—	—
				09/10/2013	08-009(f)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
J029	STRM-SMA-1.5	12/01/2010	07/11/2012	08/27/2012	08-009(d)	MPS	CAM	07/08/2013	10/21/2013	—	—
				10/21/2013	08-009(d)	MPS	CAM2	09/04/2015	09/03/2018	—	—
				10/09/2018	08-009(d)	MPS	CAM3	07/15/2021	In process	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
J030	STRM-SMA-4.2	12/01/2010	09/09/2011	11/10/2011	09-008(b)	MPS	CAM	08/21/2012	09/27/2017	—	—
				01/16/2018	09-008(b)	MPS	CAM2	01/14/2020	In process	—	—
J031	STRM-SMA-5.05	12/01/2010	08/21/2011	10/31/2011	09-013	MPS	CAM	06/27/2012	02/26/2016	—	—
				02/26/2016	09-013	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
V001	CDV-SMA-1.2	01/12/2011	In process	—	16-017(b)-99	MPS	MEx ^h	04/21/2020	—	—	—
					16-029(k)	MPS	MEx ^h	04/21/2020	—	—	—
V002	CDV-SMA-1.3	01/12/2011	09/13/2013	10/25/2013	16-017(a)-99	MPS	CACompD	09/26/2016	n/a	09/26/2016	NMED 2016, 601692
					16-026(m)	MPS	CACompD	09/26/2016	n/a	09/26/2016	NMED 2016, 601692
V003	CDV-SMA-1.4	01/12/2011	09/10/2012	10/18/2012	16-020	MPS	CAM	05/12/2014	In process	—	—
					16-026(l)	MPS	CAM	05/12/2014	In process	—	—
					16-028(c)	MPS	CAM	05/12/2014	In process	—	—
					16-030(c)	MPS	DelSiteR	10/14/2015	—	—	—
					16-030(c)	MPS	CACompD	08/21/2013	n/a	08/21/2013	NMED 2008, 100116
V004	CDV-SMA-1.45	01/12/2011	08/21/2011	04/30/2012	16-026(i)	MPS	CAM	07/18/2012	In process	—	—
V005	CDV-SMA-1.7	01/12/2011	09/13/2013	10/25/2013	16-019	MPS	CAM	09/04/2015	In process	—	—
V006	CDV-SMA-2	05/16/2011	07/12/2013	08/20/2013	16-021(c)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
V007	CDV-SMA-2.3	01/12/2011	07/20/2015	08/26/2015	13-001	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					13-002	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					16-003(n)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					16-003(o)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					16-029(h)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					16-031(h)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
V008	CDV-SMA-2.41	01/12/2011	08/21/2011	05/01/2012	16-018	MPS	CAM	06/26/2014	In process	—	—
					16-018	MPS	DelSiteR	10/21/2015	—	—	—
V008A	CDV-SMA-2.42	01/12/2011	07/12/2013	08/26/2013	16-010(b)	MPS	CAM	09/28/2015	01/16/2018	—	—
					16-010(b)	MPS	DelSiteR	10/21/2015	—	—	—
				01/16/2018	16-010(b)	MPS	CAM2	07/15/2021	In process	—	—
V009	CDV-SMA-2.5	01/12/2011	07/26/2013	—	16-010(c)	MPS	BCComp	08/29/2013	—	—	—
					16-010(c)	MPS	DelSiteR	10/21/2015	—	—	—
					16-010(d)	MPS	BCComp	08/29/2013	—	—	—
					16-010(d)	MPS	DelSiteR	10/21/2015	—	—	—
					16-028(a)	MPS	BCComp	08/29/2013	—	—	—
V009A	CDV-SMA-2.51	01/12/2011	09/13/2013	10/25/2013	16-010(i)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
V010	CDV-SMA-3	02/11/2011	08/21/2011	04/30/2012	14-009	MPS	CAM	07/18/2012	In process	—	—
V011	CDV-SMA-4	02/11/2011	In process	—	14-010	MPS	MEx	04/30/2012	—	—	—
V012	CDV-SMA-6.01	02/11/2011	07/31/2014	10/20/2014	14-001(g)	MPS	CAM	10/15/2015	In process	—	—
					14-006	MPS	CAM	10/15/2015	In process	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
V012A	CDV-SMA-6.02	02/11/2011	09/01/2011	10/31/2011	14-002(c)	MPS	CAM	07/18/2012	In process	—	—
					14-002(d)	MPS	CAM	07/18/2012	In process	—	—
					14-002(e)	MPS	CAM	07/18/2012	In process	—	—
V013	CDV-SMA-7	01/12/2011	09/13/2013	10/30/2013	15-008(d)	MPS	CAM	09/04/2015	10/24/2018	—	—
				10/24/2018	15-008(d)	MPS	CAM2	12/14/2020	In process	—	—
V014	CDV-SMA-8	01/12/2011	07/31/2014	10/07/2014	15-011(c)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
V015	CDV-SMA-8.5	01/12/2011	In process	—	15-014(a)	MPS	MEx	04/30/2012	—	—	—
V016	CDV-SMA-9.05	01/12/2011	08/10/2018	10/24/2018	15-007(b)	MPS	CAM	12/14/2020	In process	—	—
F001	F-SMA-2	01/12/2011	08/15/2011	05/01/2012	36-004(c)	MPS	CAM	06/26/2014	09/08/2014	—	—
				09/08/2014	36-004(c)	MPS	CAM2	09/28/2015	In process	—	—
I001	PT-SMA-0.5	04/28/2011	09/01/2011	05/01/2012	15-009(e)	MPS	CAM	11/27/2012	In process	—	—
					C-15-004	MPS	CAM	11/27/2012	In process	—	—
I002	PT-SMA-1	04/28/2011	09/01/2011	04/30/2012	15-004(f)	MPS	CAM	08/03/2012	10/07/2014	—	—
					15-008(a)	MPS	CAM	08/03/2012	10/07/2014	—	—
				10/07/2014	15-004(f)	MPS	CAM2	10/15/2015	09/26/2017	—	—
					15-008(a)	MPS	CAM2	10/15/2015	09/26/2017	—	—
				09/26/2017	15-004(f)	MPS	AltCompR	04/22/2019	—	—	N3B 2019, 700401
					15-008(a)	MPS	AltCompR	04/22/2019	—	—	N3B 2019, 700401
I003	PT-SMA-1.7	04/28/2011	04/28/2011	10/18/2012	15-003	MPS	CAM	06/26/2014	In process	—	—
					15-006(a)	MPS	CAM	06/26/2014	In process	—	—
I004	PT-SMA-2	04/28/2011	07/07/2014	08/11/2014	15-008(f)	MPS	CAM	09/28/2015	10/04/2019	11/14/2019	—
					36-003(b)	MPS	CAM	09/28/2015	10/04/2019	11/14/2019	—
					36-004(e)	MPS	CAM	09/28/2015	10/04/2019	11/14/2019	—
				11/14/2019	15-008(f)	MPS	CAM2	07/15/2021	In process	—	—
					36-003(b)	MPS	CAM2	07/15/2021	In process	—	—
					36-004(e)	MPS	CAM2	07/15/2021	In process	—	—
I004A	PT-SMA-2.01	04/28/2011	08/18/2011	04/30/2012	C-36-001	MPS	CACompC-Inv	08/28/2017	—	08/28/2017	—
					C-36-006(e)	MPS	CAM	08/03/2012	In process	—	—
I005	PT-SMA-3	12/01/2010	07/15/2014	08/25/2014	36-004(a)	MPS	CAM	08/10/2015	In process	—	—
					36-006	MPS	CAM	08/10/2015	In process	—	—
I007	PT-SMA-4.2	12/01/2010	07/02/2014	08/11/2014	36-004(d)	MPS	CAM	10/28/2015	10/04/2021	—	—
				10/04/2021	36-004(d)	MPS	CAI ⁱ	—	—	—	—
W001	W-SMA-1	12/01/2010	09/09/2011	11/08/2011	16-017(j)-99	MPS	CAM	05/02/2013	08/29/2014	—	—
					16-026(c2)	MPS	CAM	05/02/2013	08/29/2014	—	—
					16-026(v)	MPS	CAM	05/02/2013	08/29/2014	—	—
				08/29/2014	16-017(j)-99	MPS	CACompC	09/29/2015	—	09/29/2015	LANL 2015, 600932
					16-026(c2)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-026(v)	MPS	AltCompR	05/06/2016	—	—	LANL 2015, 600417

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
W002	W-SMA-1.5	01/12/2011	09/01/2011	11/08/2011	16-026(b2)	MPS	CAM	09/25/2012	08/28/2014	—	—
					16-028(d)	MPS	CAM	09/25/2012	08/28/2014	—	—
				08/28/2014	16-026(b2)	MPS	CAM2	09/04/2015	In process	—	—
					16-028(d)	MPS	CAM2	09/04/2015	In process	—	—
W003	W-SMA-2.05	01/12/2011	08/21/2011	05/01/2012	16-028(e)	MPS	CAM	09/25/2012	In process	—	—
W004	W-SMA-3.5	01/12/2011	In process	—	16-026(y)	MPS	MEx	04/30/2012	—	—	—
W005	W-SMA-4.1	01/12/2011	In process	—	16-003(a)	MPS	MEx	04/30/2012	—	—	—
W006	W-SMA-5	01/12/2011	07/03/2012	09/18/2012	16-001(e)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-003(f)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-026(b)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-026(c)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-026(d)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-026(e)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
W007	W-SMA-6	01/12/2011	07/07/2019	08/12/2019	11-001(c)	MPS	AltCompR	10/27/2020	—	—	N3B 2020, 701098
W008	W-SMA-7	01/12/2011	07/08/2014	08/11/2014	16-026(h2)	MPS	CAM	09/28/2015	In process	—	—
					16-029(e)	MPS	CAM	09/28/2015	In process	—	—
W009	W-SMA-7.8	01/12/2011	05/30/2021	07/29/2021	16-031(a)	MPS	CAI	—	—	—	—
W010	W-SMA-7.9	01/12/2011	In process	—	16-006(c)	MPS	MEx	04/30/2012	—	—	—
W011	W-SMA-8	01/12/2011	09/12/2013	10/25/2013	16-016(g)	MPS	CAM	08/10/2015	In process	—	—
					16-028(b)	MPS	CAM	08/10/2015	In process	—	—
W012	W-SMA-8.7	01/12/2011	09/12/2013	10/25/2013	13-001	MPS	AltCompR	05/06/2015	—	—	LANL 2016, 601239
					13-002	MPS	AltCompR	05/06/2015	—	—	LANL 2016, 601239
					16-004(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-026(j2)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-029(h)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					16-035	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
W012A	W-SMA-8.71	01/12/2011	08/21/2011	05/01/2012	16-004(c)	MPS	CAM	11/27/2012	10/30/2013	—	—
				10/30/2013	16-004(c)	MPS	CAM2	09/04/2015	In process	—	—
W013	W-SMA-9.05	01/12/2011	In process	—	16-030(g)	MPS	MEx ^h	04/21/2020	—	—	—
W014	W-SMA-9.5	12/01/2010	09/27/2017	01/16/2018	11-012(c)	MPS	CAM	09/08/2020	In process	—	—
W015	W-SMA-9.7	01/12/2011	09/13/2013	10/30/2013	11-011(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					11-011(b)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
W016	W-SMA-9.8	01/12/2011	In process	—	11-005(c)	MPS	MEx	04/30/2012	—	—	—
W017	W-SMA-9.9	01/12/2011	08/21/2011	04/30/2012	11-006(b)	MPS	CAM	06/27/2012	In process	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
W018	W-SMA-10	01/12/2011	08/21/2011	05/01/2012	11-002	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					11-003(b)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					11-005(a)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					11-005(b)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					11-006(c)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					11-006(d)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
					11-011(d)	MPS	AltCompR	02/26/2016	—	—	LANL 2016, 601239
W019	W-SMA-11.7	01/12/2011	09/01/2011	05/01/2012	49-008(c)	MPS	CAM	10/23/2012	In process	—	—
				10/04/2021	49-008(c)	MPS	S7	—	—	—	—
W020	W-SMA-12.05	01/12/2011	In process	—	49-001(g)	MPS	MEx	04/30/2012	—	—	—
W021	W-SMA-14.1	04/28/2011	08/18/2011	10/17/2011	15-004(h)	MPS	CAM	09/25/2012	08/25/2014	—	—
					15-014(l)	MPS	CAM	09/25/2012	08/25/2014	—	—
				08/25/2014	15-004(h)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
					15-014(l)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
W022	W-SMA-15.1	01/12/2011	09/01/2011	05/01/2012	49-005(a)	MPS	CAM	10/23/2012	In process	—	—
A001	A-SMA-1.1	12/01/2010	08/10/2018	09/26/2018	39-004(a)	MPS	CAM	12/07/2021	In process	—	—
					39-004(d)	MPS	CAM	12/07/2021	In process	—	—
A002	A-SMA-2	02/11/2011	09/12/2013	10/22/2013	39-004(b)	MPS	CAM	08/10/2015	10/04/2019	—	—
					39-004(e)	MPS	CAM	08/10/2015	10/04/2019	—	—
				11/12/2019	39-004(b)	MPS	BEC ^u	12/02/2020	—	—	—
					39-004(e)	MPS	BEC	12/02/2020	—	—	—
A003	A-SMA-2.5	02/11/2011	In process	—	39-010	MPS	MEx	04/30/2012	—	—	—
A004	A-SMA-2.7	02/11/2011	09/04/2011	10/27/2011	39-002(c)	MPS	CACompD	08/21/2013	n/a	08/21/2013	NMED 2010, 110430
					39-008	MPS	CAM	08/23/2012	In process	—	—
A005	A-SMA-2.8	02/11/2011	In process	—	39-001(b)	MPS	MEx	04/30/2012	—	—	—
A006	A-SMA-3	12/01/2010	07/25/2013	08/29/2013	39-002(b)	MPS	CAM	09/04/2015	08/10/2018	—	—
					39-004(c)	MPS	CAM	09/04/2015	08/10/2018	—	—
				10/09/2018	39-002(b)	MPS	CAM2	12/07/2021	In process	—	—
					39-004(c)	MPS	CAM2	12/07/2021	In process	—	—
A007	A-SMA-3.5	02/11/2011	In process	—	39-006(a)	MPS	MEx ^h	04/21/2020	—	—	—
A008	A-SMA-4	02/11/2011	07/23/2018	08/21/2018	33-010(d)	MPS	AltCompR	10/27/2020	—	—	N3B 2020, 701098
A009	A-SMA-6	02/11/2011	08/04/2013	09/04/2013	33-004(k)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					33-007(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					33-010(a)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
Q001	CHQ-SMA-0.5	02/11/2011	07/23/2014	09/22/2014	33-004(g)	MPS	CAM	10/28/2015	In process	—	—
					33-007(c)	MPS	CAM	10/28/2015	In process	—	—
					33-009	MPS	CAM	10/28/2015	In process	—	—
Q002	CHQ-SMA-1.01	02/11/2011	In process	—	33-002(d)	MPS	MEx	04/30/2012	—	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
Q002A	CHQ-SMA-1.02	02/11/2011	08/21/2011	05/01/2012	33-004(h)	MPS	CAM	10/24/2012	11/03/2013	—	—
					33-008(c)	MPS	CAM	10/24/2012	11/03/2013	—	—
					33-011(d)	MPS	CAM	10/24/2012	11/03/2013	—	—
					33-015	MPS	CAM	10/24/2012	11/03/2013	—	—
				11/03/2013	33-004(h)	MPS	CAM2	09/04/2015	08/10/2018	—	—
					33-008(c)	MPS	CAM2	09/04/2015	08/10/2018	—	—
					33-011(d)	MPS	CAM2	09/04/2015	08/10/2018	—	—
					33-015	MPS	CAM2	09/04/2015	08/10/2018	—	—
				08/10/2018	33-004(h)	MPS	CAM3	04/21/2021	08/03/2021	—	—
					33-008(c)	MPS	CAM3	04/21/2021	08/03/2021	—	—
					33-011(d)	MPS	CAM3	04/21/2021	08/03/2021	—	—
					33-015	MPS	CAM3	04/21/2021	08/03/2021	—	—
				09/07/2021	33-004(h)	MPS	S7	—	—	—	—
					33-008(c)	MPS	S7	—	—	—	—
					33-011(d)	MPS	S7	—	—	—	—
					33-015	MPS	S7	—	—	—	—
Q002B	CHQ-SMA-1.03	02/11/2011	07/04/2012	08/27/2012	33-008(c)	MPS	CAM	05/13/2014	In process	—	—
					33-012(a)	MPS	CAM	05/13/2014	In process	—	—
					33-017	MPS	CAM	05/13/2014	In process	—	—
					C-33-001	MPS	CAM	05/13/2014	In process	—	—
					C-33-003	MPS	CAM	05/13/2014	In process	—	—
Q003	CHQ-SMA-2	02/11/2011	07/04/2012	08/27/2012	33-004(d)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
					33-007(c)	MPS	CAM	10/28/2015	10/24/2018	—	—
					C-33-003	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600417
				10/24/2018	33-004(d)	MPS	CAM2	04/21/2021	In process	—	—
					33-007(c)	MPS	CAM2	04/21/2021	In process	—	—
					C-33-003	MPS	CAM2	04/21/2021	In process	—	—
Q004	CHQ-SMA-3.05	02/11/2011	09/10/2013	10/23/2013	33-010(f)	MPS	CAM	08/10/2015	In process	—	—
Q005	CHQ-SMA-4	02/11/2011	07/23/2018	08/22/2018	33-011(e)	MPS	CAM	10/04/2021	In process	—	—
Q006	CHQ-SMA-4.1	02/11/2011	09/13/2013	10/22/2013	33-016	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
Q007	CHQ-SMA-4.5	02/11/2011	07/25/2013	09/05/2013	33-011(b)	MPS	AltCompR	05/06/2015	—	—	LANL 2015, 600419
Q008	CHQ-SMA-5.05	12/01/2010	In process	—	33-007(b)	MPS	MEx	10/31/2011	—	—	—

Table 4-3 (continued)

Permitted Feature	SMA	Baseline Controls Certification	Baseline Monitoring Completion	Corrective Action Initiation	Site Number	Priority	Compliance Status	Compliance Status Initiation	Enhanced Control Monitoring Completion	Corrective Action Completion	Reference
Q009	CHQ-SMA-6	02/11/2011	07/25/2013	08/29/2013	33-004(j)	MPS	CAM	08/10/2015	07/25/2021	—	—
					33-006(a)	MPS	CAM	08/10/2015	07/25/2021	—	—
					33-007(b)	MPS	CAM	08/10/2015	07/25/2021	—	—
					33-010(c)	MPS	CAM	08/10/2015	07/25/2021	—	—
					33-010(g)	MPS	CAM	08/10/2015	07/25/2021	—	—
					33-010(h)	MPS	CAM	08/10/2015	07/25/2021	—	—
					33-014	MPS	CAM	08/10/2015	07/25/2021	—	—
				08/25/2021	33-004(j)	MPS	S7	—	—	—	—
					33-006(a)	MPS	S7	—	—	—	—
					33-007(b)	MPS	S7	—	—	—	—
					33-010(c)	MPS	S7	—	—	—	—
					33-010(g)	MPS	S7	—	—	—	—
					33-010(h)	MPS	S7	—	—	—	—
					33-014	MPS	S7	—	—	—	—
Q010	CHQ-SMA-7.1	02/11/2011	07/23/2018	09/26/2018	33-010(g)	MPS	CAM	04/21/2021	In process	—	—

Notes: Cells are shaded to indicate stages where corrective action is complete. Cells are shaded gray where all baseline confirmation monitoring results are less than TALs. Cells are shaded blue where corrective action is complete with a certification that all pollutants of concern are at or below applicable TALs per IP Part I.E.2(a). Cells are shaded orange where corrective action is complete with a certification that no pollutants are exposed to storm water per IP Part I.E.2(c). Cells are shaded yellow where corrective action is complete with a certification that a Site has achieved RCRA Corrective Action Complete Without Controls/Corrective Action Complete With Controls status or a certificate of completion under the New Mexico Environment Department's (NMED's) Consent Order per IP Part I.E.2(d). Cells are shaded green where a request for alternative compliance for the Site is pending. Cells are shaded pink where a request for alternative compliance was approved. Cells are shaded purple where a request for an extension resulting from a force majeure event is pending. NMED approval of supplemental investigation reports and certificates of completion are required to complete corrective action.

^a MPS = Moderate-priority Site.

^b CACompD = Corrective action is complete under the Permit with a certificate of completion under NMED's Consent Order.

^c n/a = Not applicable.

^d DelSiteR = A request has been made to delete the Site from the Permit.

^e — = Corrective action has not been initiated.

^f CAM = Corrective action monitoring after certification of enhanced controls.

^g MEx = Extended baseline monitoring: One confirmation monitoring sample is collected to determine if corrective action is required.

^h Baseline monitoring was reinitiated at these SMAs (where one baseline sample had previously been collected with no TAL exceedances) in order to collect a second sample.

ⁱ AltCompR = Alternative compliance requested.

^j HPS = High-priority Site.

^k CACompC = Corrective action is complete under the Permit with a certification of no exposure.

^l FMCOC = Request for an extension resulting from force majeure event. NMED approval of supplemental investigation report and certificates of completion required.

^m CACompA = Corrective action is complete with a certification that all pollutants of concern are at or below applicable TALs per IP Part I.E.2(a).

ⁿ AltCompA = Alternative compliance request approved.

^o CAM2 = Second round of enhanced control monitoring continues until at least two samples are collected.

^p CAM3 = Third round of enhanced control monitoring continues until at least two samples are collected.

^q CACompC-Inv = Corrective action complete after investigative sample. Collect one information sample following certification of control measures installed to totally eliminate exposure of pollutants to storm water.

^r S7 = Permittees are preparing an analysis of alternatives to complete corrective action.

^s BCComp = All baseline confirmation monitoring results are less than TALs. No further monitoring is required.

^t CAI = Confirmation monitoring at the SMA has exceeded one or more TALs and corrective action has been Initiated at the SMA.

^u BEC = Enhanced controls are being built to initiate corrective action monitoring.

**Table 4-4
Summary of Site Corrective Actions Planned**

SMA	Site(s)	Permitted Feature	Current Stage	Corrective Action Response
A-SMA-2	39-004(b) 39-004(e)	A002	BEC	Enhanced controls are being built to initiate corrective action monitoring.
CHQ-SMA-1.02	33-004(h) 33-008(c) 33-011(d) 33-015	Q002A	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
CHQ-SMA-6	33-004(j) 33-006(a) 33-007(b) 33-010(c) 33-010(g) 33-010(h) 33-014	Q009	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
M-SMA-1.21	03-049(e)	M002A	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
PJ-SMA-11	40-003(b)	J014	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
PJ-SMA-3.05	09-004(o)	J003	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
PT-SMA-4.2	36-004(d)	I007	CAI	Permittees are preparing a request for alternative compliance.
W-SMA-7.8	16-031(a)	W009	CAI	Permittees are preparing a request for alternative compliance.
W-SMA-11.7	49-008(c)	W019	S7	Permittees are preparing an analysis of alternatives to complete corrective action.

**Table 5-1
Enhanced Control Measures Installed in 2021**

SMA	BMP ID	Control Measure Type	Control Measure Description	Erosion Control	Sediment Control	Run-on Control	Runoff Control	Install Date
3M-SMA-0.2	H00103010010	Berm	Earthen Berm	— ^a	X ^b	—	X	05/12/2021
A-SMA-1.1	A00104060010	Channel/Swale	Riprap	—	X	—	X	08/25/2021
A-SMA-1.1	A00106010007	Check Dam	Rock Check Dam	—	X	—	X	08/25/2021
A-SMA-1.1	A00106010008	Check Dam	Rock Check Dam	—	X	—	X	08/25/2021
A-SMA-1.1	A00106010009	Check Dam	Rock Check Dam	—	X	—	X	08/25/2021
A-SMA-3	A00606010038	Check Dam	Rock Check Dam	—	X	—	X	08/25/2021
CDV-SMA-2.42	V008A08050026	Cap	HDPE ^c Cap	X	—	—	X	04/29/2021
CHQ-SMA-1.02	Q002A06010015	Check Dam	Rock Check Dam	—	X	—	X	02/09/2021
CHQ-SMA-1.02	Q002A06010016	Check Dam	Rock Check Dam	—	X	—	X	02/09/2021
CHQ-SMA-1.02	Q002A06010017	Check Dam	Rock Check Dam	—	X	—	X	02/09/2021
CHQ-SMA-2	Q00303060060	Berm	Straw Wattle	—	X	—	X	02/04/2021
CHQ-SMA-2	Q00303060061	Berm	Straw Wattle	—	X	—	X	02/04/2021
CHQ-SMA-2	Q00303140059	Berm	Coir Log	—	X	—	X	02/04/2021
CHQ-SMA-2	Q00306010057	Check Dam	Rock Check Dam	—	X	—	X	02/04/2021
CHQ-SMA-2	Q00306010058	Check Dam	Rock Check Dam	—	X	—	X	02/04/2021
CHQ-SMA-4	Q00503010023	Berm	Earthen Berm	—	X	X	—	07/27/2021
CHQ-SMA-4	Q00503010024	Berm	Earthen Berm	—	X	-	X	07/27/2021
CHQ-SMA-4	Q00504060025	Channel/Swale	Riprap	X	—	—	X	07/27/2021
CHQ-SMA-7.1	Q01003140013	Berm	Coir Log	—	X	—	X	02/04/2021
CHQ-SMA-7.1	Q01003140014	Berm	Coir Log	—	X	—	X	02/04/2021
LA-SMA-5.2	L01303140008	Berm	Coir Log	—	X	—	X	03/29/2021
LA-SMA-5.2	L01304060011	Channel/Swale	Riprap	—	X	—	X	03/29/2021
LA-SMA-5.2	L01306020009	Check Dam	Log Check Dam	—	X	—	X	03/29/2021
LA-SMA-5.2	L01306020010	Check Dam	Log Check Dam	—	X	—	X	03/29/2021
PJ-SMA-11	J01303120030	Berm	Rock Berm	X	X	—	X	01/21/2021

Table 5-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	Erosion Control	Sediment Control	Run-on Control	Runoff Control	Install Date
PJ-SMA-11	J01303140031	Berm	Coir Log	—	X	X	—	01/21/2021
PJ-SMA-11	J01303140032	Berm	Coir Log	—	X	X	—	01/21/2021
PT-SMA-2	I00403140026	Berm	Coir Log	—	X	—	X	04/21/2021
PT-SMA-2	I00403140027	Berm	Coir Log	—	X	—	X	04/21/2021
PT-SMA-2	I00403140028	Berm	Coir Log	—	X	—	X	04/21/2021
PT-SMA-2	I00403140029	Berm	Coir Log	—	X	—	X	04/21/2021
PT-SMA-2	I00403200030	Berm	Compost Log	—	X	—	X	04/21/2021
STRM-SMA-1.5	J02903010021	Berm	Earthen Berm	—	X	—	X	05/12/2021

^a — = Control does not perform the identified function.

^b X = Control performs the identified function.

^c HDPE = High-density polyethylene.

Table 7-1
Individual Permit
Rain Gage Network during 2021

Season	Rain Gage	Number of SMAs
Winter (~ December 1–April 30)	LANL Meteorology Tower	
	RG-NCOM	11
	RG-TA-06	131
	RG-TA-49	29
	RG-TA-53	67
	RG-TA-54	12
Summer (~ May 1–November 30)	LANL Meteorology Tower	
	RG-NCOM	3
	RG-TA-06	23
	RG-TA-53	11
	RG-TA-54	6
	N3B Seasonal Rain Gage	
	RG038	34
	RG055.5	16
	RG121.9	22
	RG200.5	23
	RG203	12
	RG240	5
	RG245.5	19
	RG253	9
	RG257	29
	RG262.4	14
	RG265	4
	RG267.4	5
	RG340	15

Table 7-2
Summary of Post-Storm Inspections

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG-NCOM	05/31/2021	0.32	14	Yes	06/14/2021	R-SMA-0.5	R001
	05/31/2021	0.32	14	Yes	06/14/2021	R-SMA-1	R002
	05/31/2021	0.32	14	Yes	06/14/2021	R-SMA-2.05	R004
	07/20/2021	0.56	6	Yes	07/26/2021	R-SMA-0.5	R001
	07/20/2021	0.56	6	Yes	07/26/2021	R-SMA-1	R002
	07/20/2021	0.56	13	Yes	08/02/2021	R-SMA-2.05	R004
RG-TA-06	05/30/2021	0.43	5	Yes	06/04/2021	2M-SMA-1.42	E002
	05/31/2021	0.99	5	Yes	06/04/2021	2M-SMA-1.43	E003
			5	Yes	06/04/2021	2M-SMA-1.44	E004
			5	Yes	06/04/2021	2M-SMA-1.45	E005
			2	Yes	06/01/2021	2M-SMA-1.5	E006
			3	Yes	06/02/2021	2M-SMA-1.65	E007
			5	Yes	06/04/2021	2M-SMA-1.67	E008
			4	Yes	06/03/2021	2M-SMA-1.7	E009
			4	Yes	06/03/2021	2M-SMA-1.8	E010
			3	Yes	06/02/2021	2M-SMA-3	E014
			5	Yes	06/04/2021	2M-SMA-2.5	E015
			4	Yes	06/03/2021	3M-SMA-0.2	H001
			3	Yes	06/02/2021	PJ-SMA-5	J005
			3	Yes	06/02/2021	PJ-SMA-5.1	J006
			3	Yes	06/02/2021	PJ-SMA-6	J007
			3	Yes	06/02/2021	PJ-SMA-7	J008
			3	Yes	06/02/2021	PJ-SMA-8	J009
			3	Yes	06/02/2021	PJ-SMA-9	J010
			5	Yes	06/04/2021	PJ-SMA-10	J012
			5	Yes	06/04/2021	PJ-SMA-11	J013
			5	Yes	06/04/2021	PJ-SMA-11.1	J014
			4	Yes	06/03/2021	M-SMA-3	M003
			4	Yes	06/03/2021	M-SMA-3.1	M004
RG-TA-06	06/26/2021	0.55	11	Yes	07/07/2021	2M-SMA-1.42	E002
			10	Yes	07/06/2021	2M-SMA-1.43	E003
			10	Yes	07/06/2021	2M-SMA-1.44	E004
			11	Yes	07/07/2021	2M-SMA-1.45	E005
			10	Yes	07/06/2021	2M-SMA-1.5	E006
			3	Yes	06/29/2021	2M-SMA-1.65	E007
			2	Yes	06/28/2021	2M-SMA-1.67	E008

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG-TA-06	06/26/2021	0.55	4	Yes	06/30/2021	2M-SMA-1.7	E009
			4	Yes	06/30/2021	2M-SMA-1.8	E010
			13	Yes	07/09/2021	2M-SMA-3	E014
			3	Yes	06/29/2021	2M-SMA-2.5	E015
			10	Yes	07/06/2021	3M-SMA-0.2	H001
			11	Yes	07/07/2021	PJ-SMA-5	J005
			11	Yes	07/07/2021	PJ-SMA-5.1	J006
			3	Yes	06/29/2021	PJ-SMA-6	J007
			3	Yes	06/29/2021	PJ-SMA-7	J008
			3	Yes	06/29/2021	PJ-SMA-8	J009
			3	Yes	06/29/2021	PJ-SMA-9	J010
			3	Yes	06/29/2021	PJ-SMA-10	J012
			3	Yes	06/29/2021	PJ-SMA-11	J013
			3	Yes	06/29/2021	PJ-SMA-11.1	J014
			10	Yes	07/06/2021	M-SMA-3	M003
			10	Yes	07/06/2021	M-SMA-3.1	M004
	07/27/2021	0.49	6	Yes	08/02/2021	2M-SMA-1.42	E002
			8	Yes	08/04/2021	2M-SMA-1.43	E003
			6	Yes	08/02/2021	2M-SMA-1.44	E004
			6	Yes	08/02/2021	2M-SMA-1.45	E005
			9	Yes	08/05/2021	2M-SMA-1.5	E006
			6	Yes	08/02/2021	2M-SMA-1.65	E007
			6	Yes	08/02/2021	2M-SMA-1.67	E008
			6	Yes	08/02/2021	2M-SMA-1.7	E009
			6	Yes	08/02/2021	2M-SMA-1.8	E010
			6	Yes	08/02/2021	2M-SMA-3	E014
			6	Yes	08/02/2021	2M-SMA-2.5	E015
			8	Yes	08/04/2021	3M-SMA-0.2	H001
			8	Yes	08/04/2021	PJ-SMA-5	J005
			8	Yes	08/04/2021	PJ-SMA-5.1	J006
			6	Yes	08/02/2021	PJ-SMA-6	J007
			6	Yes	08/02/2021	PJ-SMA-7	J008
			6	Yes	08/02/2021	PJ-SMA-8	J009
			1	Yes	07/28/2021	PJ-SMA-9	J010
			6	Yes	08/02/2021	PJ-SMA-10	J012
			6	Yes	08/02/2021	PJ-SMA-11	J013
			6	Yes	08/02/2021	PJ-SMA-11.1	J014
			9	Yes	08/05/2021	M-SMA-3	M003
			9	Yes	08/05/2021	M-SMA-3.1	M004

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG-TA-06	08/15/2021	0.51	9	Yes	08/24/2021	2M-SMA-1.42	E002
			3	Yes	08/18/2021	2M-SMA-1.43	E003
			2	Yes	08/17/2021	2M-SMA-1.44	E004
			9	Yes	08/24/2021	2M-SMA-1.45	E005
			3	Yes	08/18/2021	2M-SMA-1.5	E006
			9	Yes	08/24/2021	2M-SMA-1.65	E007
			9	Yes	08/24/2021	2M-SMA-1.67	E008
			8	Yes	08/23/2021	2M-SMA-1.7	E009
			8	Yes	08/23/2021	2M-SMA-1.8	E010
			1	Yes	08/16/2021	2M-SMA-3	E014
			9	Yes	08/24/2021	2M-SMA-2.5	E015
			3	Yes	08/18/2021	3M-SMA-0.2	H001
			3	Yes	08/18/2021	PJ-SMA-5	J005
			3	Yes	08/18/2021	PJ-SMA-5.1	J006
			9	Yes	08/24/2021	PJ-SMA-6	J007
			9	Yes	08/24/2021	PJ-SMA-7	J008
			9	Yes	08/24/2021	PJ-SMA-8	J009
			9	Yes	08/24/2021	PJ-SMA-9	J010
			9	Yes	08/24/2021	PJ-SMA-10	J012
			1	Yes	08/16/2021	PJ-SMA-11	J013
			1	Yes	08/16/2021	PJ-SMA-11.1	J014
			4	Yes	08/19/2021	M-SMA-3	M003
			4	Yes	08/19/2021	M-SMA-3.1	M004
RG-TA-53	05/30/2021	0.3	9	Yes	06/08/2021	B-SMA-0.5	B001
			10	Yes	06/09/2021	DP-SMA-4	D008
			12	Yes	06/11/2021	LA-SMA-9	L029
			11	Yes	06/10/2021	LA-SMA-10.11	L030
			11	Yes	06/10/2021	LA-SMA-10.12	L030A
			9	Yes	06/08/2021	P-SMA-0.3	P004
			11	Yes	06/10/2021	S-SMA-4.1	S011
			5	Yes	06/04/2021	S-SMA-5	S013
			11	Yes	06/10/2021	S-SMA-5.2	S014
			5	Yes	06/04/2021	S-SMA-5.5	S015
			5	Yes	06/04/2021	S-SMA-6	S016
RG-TA-53	06/17/2021	0.56	6	Yes	06/23/2021	B-SMA-0.5	B001
			5	Yes	06/22/2021	DP-SMA-4	D008
			4	Yes	06/21/2021	P-SMA-0.3	P004

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG-TA-53	06/17/2021 06/26/2021	0.56 0.38	13	Yes	06/30/2021	LA-SMA-9	L029
			11	Yes	06/28/2021	LA-SMA-10.11	L030
			11	Yes	06/28/2021	LA-SMA-10.12	L030A
			11	Yes	06/28/2021	S-SMA-4.1	S011
			11	Yes	06/28/2021	S-SMA-5	S013
			11	Yes	06/28/2021	S-SMA-5.2	S014
			11	Yes	06/28/2021	S-SMA-5.5	S015
			11	Yes	06/28/2021	S-SMA-6	S016
RG-TA-53	06/26/2021	0.38	11	Yes	07/07/2021	B-SMA-0.5	B001
			12	Yes	07/08/2021	DP-SMA-4	D008
			11	Yes	07/07/2021	P-SMA-0.3	P004
	07/30/2021	0.44	10	Yes	08/09/2021	B-SMA-0.5	B001
			11	Yes	08/10/2021	DP-SMA-4	D008
			12	Yes	08/11/2021	LA-SMA-9	L029
			12	Yes	08/11/2021	LA-SMA-10.11	L030
			12	Yes	08/11/2021	LA-SMA-10.12	L030A
			13	Yes	08/12/2021	P-SMA-0.3	P004
			12	Yes	08/11/2021	S-SMA-4.1	S011
			10	Yes	08/09/2021	S-SMA-5	S013
			12	Yes	08/11/2021	S-SMA-5.2	S014
			10	Yes	08/09/2021	S-SMA-5.5	S015
			12	Yes	08/11/2021	S-SMA-6	S016
	08/15/2021	0.38	11	Yes	08/26/2021	B-SMA-0.5	B001
			10	Yes	08/25/2021	DP-SMA-4	D008
			3	Yes	08/18/2021	LA-SMA-9	L029
			11	Yes	08/26/2021	LA-SMA-10.11	L030
			11	Yes	08/26/2021	LA-SMA-10.12	L030A
			11	Yes	08/26/2021	P-SMA-0.3	P004
			11	Yes	08/26/2021	S-SMA-4.1	S011
			8	Yes	08/23/2021	S-SMA-5	S013
			11	Yes	08/26/2021	S-SMA-5.2	S014
			8	Yes	08/23/2021	S-SMA-5.5	S015
			3	Yes	08/18/2021	S-SMA-6	S016

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG-TA-53	08/26/2021 08/28/2021	0.59 0.26	12	Yes	09/07/2021	B-SMA-0.5	B001
			14	Yes	09/09/2021	DP-SMA-4	D008
			14	Yes	09/09/2021	LA-SMA-9	L029
			6	Yes	09/01/2021	LA-SMA-10.11	L030
			6	Yes	09/01/2021	LA-SMA-10.12	L030A
			14	Yes	09/09/2021	P-SMA-0.3	P004
			6	Yes	09/01/2021	S-SMA-4.1	S011
			12	Yes	09/07/2021	S-SMA-5	S013
			6	Yes	09/01/2021	S-SMA-5.2	S014
			12	Yes	09/07/2021	S-SMA-5.5	S015
			5	Yes	08/31/2021	S-SMA-6	S016
	09/28/2021	0.31	7	Yes	10/05/2021	B-SMA-0.5	B001
			14	Yes	10/12/2021	DP-SMA-4	D008
			8	Yes	10/06/2021	LA-SMA-9	L029
			8	Yes	10/06/2021	LA-SMA-10.11	L030
			8	Yes	10/06/2021	LA-SMA-10.12	L030A
			7	Yes	10/05/2021	P-SMA-0.3	P004
			8	Yes	10/06/2021	S-SMA-4.1	S011
			8	Yes	10/06/2021	S-SMA-5	S013
			8	Yes	10/06/2021	S-SMA-5.2	S014
			9	Yes	10/07/2021	S-SMA-5.5	S015
			9	Yes	10/07/2021	S-SMA-6	S016
RG-TA-54	08/03/2021	0.31	13	Yes	08/16/2021	CDB-SMA-4	C010
			13	Yes	08/16/2021	PJ-SMA-16	J023
			13	Yes	08/16/2021	PJ-SMA-17	J024
			13	Yes	08/16/2021	PJ-SMA-19	J025
			13	Yes	08/16/2021	PJ-SMA-18	J026
			13	Yes	08/16/2021	PJ-SMA-20	J027
	08/22/2021 08/26/2021	0.73 0.88	9	Yes	08/31/2021	CDB-SMA-4	C010
			9	Yes	08/31/2021	PJ-SMA-16	J023
			9	Yes	08/31/2021	PJ-SMA-17	J024
			9	Yes	08/31/2021	PJ-SMA-19	J025
			9	Yes	08/31/2021	PJ-SMA-18	J026
			9	Yes	08/31/2021	PJ-SMA-20	J027
RG038	05/30/2021	0.31	12	Yes	06/11/2021	DP-SMA-0.3	D001
			10	Yes	06/09/2021	DP-SMA-0.4	D002
			10	Yes	06/09/2021	DP-SMA-0.6	D003
			10	Yes	06/09/2021	DP-SMA-1	D004
			10	Yes	06/09/2021	DP-SMA-2	D005

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG038	05/30/2021	0.31	10	Yes	06/09/2021	DP-SMA-2.35	D006
			10	Yes	06/09/2021	DP-SMA-3	D007
			5	Yes	06/04/2021	LA-SMA-5.31	L015
			12	Yes	06/11/2021	LA-SMA-5.33	L016
			12	Yes	06/11/2021	LA-SMA-5.361	L017
			12	Yes	06/11/2021	LA-SMA-5.362	L017A
			5	Yes	06/04/2021	LA-SMA-5.51	L018
			5	Yes	06/04/2021	LA-SMA-5.52	L018A
			5	Yes	06/04/2021	LA-SMA-5.53	L018B
			5	Yes	06/04/2021	LA-SMA-5.54	L018C
			12	Yes	06/11/2021	LA-SMA-5.91	L019
			12	Yes	06/11/2021	LA-SMA-5.92	L019A
			10	Yes	06/09/2021	LA-SMA-6.25	L020
			10	Yes	06/09/2021	LA-SMA-6.27	L021
			10	Yes	06/09/2021	LA-SMA-6.3	L022
			10	Yes	06/09/2021	LA-SMA-6.31	L022A
			10	Yes	06/09/2021	LA-SMA-6.32	L023
			10	Yes	06/09/2021	LA-SMA-6.34	L024
			10	Yes	06/09/2021	LA-SMA-6.36	L025
			10	Yes	06/09/2021	LA-SMA-6.38	L026
			10	Yes	06/09/2021	LA-SMA-6.395	L027
			10	Yes	06/09/2021	LA-SMA-6.5	L028
			10	Yes	06/09/2021	P-SMA-1	P005
			10	Yes	06/09/2021	P-SMA-2	P006
			10	Yes	06/09/2021	P-SMA-2.15	P007
			12	Yes	06/11/2021	P-SMA-2.2	P008
			9	Yes	06/08/2021	R-SMA-1.95	R003
			9	Yes	06/08/2021	R-SMA-2.3	R005
			9	Yes	06/08/2021	R-SMA-2.5	R006
	06/17/2021	0.32	4	Yes	06/21/2021	DP-SMA-0.3	D001
			5	Yes	06/22/2021	DP-SMA-0.4	D002
			5	Yes	06/22/2021	DP-SMA-0.6	D003
			5	Yes	06/22/2021	DP-SMA-1	D004
			5	Yes	06/22/2021	DP-SMA-2	D005
			5	Yes	06/22/2021	DP-SMA-2.35	D006
			5	Yes	06/22/2021	DP-SMA-3	D007
			11	Yes	06/28/2021	LA-SMA-5.362	L017A
			4	Yes	06/21/2021	LA-SMA-5.91	L019

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG038	06/17/2021	0.32	4	Yes	06/21/2021	LA-SMA-5.92	L019A
			5	Yes	06/22/2021	LA-SMA-6.25	L020
			5	Yes	06/22/2021	LA-SMA-6.27	L021
			5	Yes	06/22/2021	LA-SMA-6.3	L022
			5	Yes	06/22/2021	LA-SMA-6.31	L022A
			5	Yes	06/22/2021	LA-SMA-6.32	L023
			5	Yes	06/22/2021	LA-SMA-6.34	L024
			5	Yes	06/22/2021	LA-SMA-6.36	L025
			5	Yes	06/22/2021	LA-SMA-6.38	L026
			5	Yes	06/22/2021	LA-SMA-6.395	L027
			5	Yes	06/22/2021	LA-SMA-6.5	L028
			7	Yes	06/24/2021	P-SMA-2	P006
			7	Yes	06/24/2021	P-SMA-2.15	P007
			7	Yes	06/24/2021	P-SMA-2.2	P008
			6	Yes	06/23/2021	R-SMA-2.3	R005
			6	Yes	06/23/2021	R-SMA-2.5	R006
	06/17/2021 06/26/2021	0.32 0.51	13	Yes	06/30/2021	LA-SMA-5.31	L015
			11	Yes	06/28/2021	LA-SMA-5.33	L016
			11	Yes	06/28/2021	LA-SMA-5.361	L017
			13	Yes	06/30/2021	LA-SMA-5.51	L018
			13	Yes	06/30/2021	LA-SMA-5.52	L018A
			13	Yes	06/30/2021	LA-SMA-5.53	L018B
			13	Yes	06/30/2021	LA-SMA-5.54	L018C
			13	Yes	06/30/2021	P-SMA-1	P005
			14	Yes	07/01/2021	R-SMA-1.95	R003
	06/26/2021	0.51	13	Yes	07/09/2021	DP-SMA-0.3	D001
			12	Yes	07/08/2021	DP-SMA-0.4	D002
			12	Yes	07/08/2021	DP-SMA-0.6	D003
			12	Yes	07/08/2021	DP-SMA-1	D004
			12	Yes	07/08/2021	DP-SMA-2	D005
			12	Yes	07/08/2021	DP-SMA-2.35	D006
			12	Yes	07/08/2021	DP-SMA-3	D007
			12	Yes	07/08/2021	LA-SMA-5.91	L019
			12	Yes	07/08/2021	LA-SMA-5.92	L019A
			12	Yes	07/08/2021	LA-SMA-6.25	L020
			12	Yes	07/08/2021	LA-SMA-6.27	L021
			12	Yes	07/08/2021	LA-SMA-6.3	L022
			12	Yes	07/08/2021	LA-SMA-6.31	L022A

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG038	06/26/2021	0.51	12	Yes	07/08/2021	LA-SMA-6.32	L023
			12	Yes	07/08/2021	LA-SMA-6.34	L024
			12	Yes	07/08/2021	LA-SMA-6.36	L025
			12	Yes	07/08/2021	LA-SMA-6.38	L026
			12	Yes	07/08/2021	LA-SMA-6.395	L027
			12	Yes	07/08/2021	LA-SMA-6.5	L028
			11	Yes	07/07/2021	P-SMA-2	P006
			11	Yes	07/07/2021	P-SMA-2.15	P007
			13	Yes	07/09/2021	P-SMA-2.2	P008
			5	Yes	07/01/2021	R-SMA-2.3	R005
			5	Yes	07/01/2021	R-SMA-2.5	R006
	07/31/2021 08/04/2021	0.37 0.32	10	Yes	08/10/2021	DP-SMA-0.3	D001
			10	Yes	08/10/2021	DP-SMA-0.4	D002
			10	Yes	08/10/2021	DP-SMA-0.6	D003
			10	Yes	08/10/2021	DP-SMA-1	D004
			10	Yes	08/10/2021	DP-SMA-2	D005
			10	Yes	08/10/2021	DP-SMA-2.35	D006
			10	Yes	08/10/2021	DP-SMA-3	D007
			9	Yes	08/09/2021	LA-SMA-5.31	L015
			10	Yes	08/10/2021	LA-SMA-5.33	L016
			10	Yes	08/10/2021	LA-SMA-5.361	L017
			10	Yes	08/10/2021	LA-SMA-5.362	L017A
			9	Yes	08/09/2021	LA-SMA-5.51	L018
			9	Yes	08/09/2021	LA-SMA-5.52	L018A
			9	Yes	08/09/2021	LA-SMA-5.53	L018B
			9	Yes	08/09/2021	LA-SMA-5.54	L018C
			5	Yes	08/05/2021	LA-SMA-5.91	L019
			5	Yes	08/05/2021	LA-SMA-5.92	L019A
			10	Yes	08/10/2021	LA-SMA-6.25	L020
			10	Yes	08/10/2021	LA-SMA-6.27	L021
			10	Yes	08/10/2021	LA-SMA-6.3	L022
			10	Yes	08/10/2021	LA-SMA-6.31	L022A
			10	Yes	08/10/2021	LA-SMA-6.32	L023
			10	Yes	08/10/2021	LA-SMA-6.34	L024
			10	Yes	08/10/2021	LA-SMA-6.36	L025
			10	Yes	08/10/2021	LA-SMA-6.38	L026
			10	Yes	08/10/2021	LA-SMA-6.395	L027
			10	Yes	08/10/2021	LA-SMA-6.5	L028

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG038	07/31/2021 08/04/2021	0.37 0.32	12	Yes	08/12/2021	P-SMA-1	P005
			12	Yes	08/12/2021	P-SMA-2	P006
			12	Yes	08/12/2021	P-SMA-2.15	P007
			12	Yes	08/12/2021	P-SMA-2.2	P008
			11	Yes	08/11/2021	R-SMA-1.95	R003
			11	Yes	08/11/2021	R-SMA-2.3	R005
			11	Yes	08/11/2021	R-SMA-2.5	R006
	08/15/2021	0.39	4	Yes	08/19/2021	DP-SMA-0.3	D001
			10	Yes	08/25/2021	DP-SMA-0.4	D002
			10	Yes	08/25/2021	DP-SMA-0.6	D003
			10	Yes	08/25/2021	DP-SMA-1	D004
			10	Yes	08/25/2021	DP-SMA-2	D005
			10	Yes	08/25/2021	DP-SMA-2.35	D006
			10	Yes	08/25/2021	DP-SMA-3	D007
			4	Yes	08/19/2021	LA-SMA-5.31	L015
			5	Yes	08/20/2021	LA-SMA-5.33	L016
			5	Yes	08/20/2021	LA-SMA-5.361	L017
			5	Yes	08/20/2021	LA-SMA-5.362	L017A
			8	Yes	08/23/2021	LA-SMA-5.51	L018
			8	Yes	08/23/2021	LA-SMA-5.52	L018A
			8	Yes	08/23/2021	LA-SMA-5.53	L018B
			8	Yes	08/23/2021	LA-SMA-5.54	L018C
			2	Yes	08/17/2021	LA-SMA-5.91	L019
			2	Yes	08/17/2021	LA-SMA-5.92	L019A
			10	Yes	08/25/2021	LA-SMA-6.25	L020
			10	Yes	08/25/2021	LA-SMA-6.27	L021
			10	Yes	08/25/2021	LA-SMA-6.3	L022
			10	Yes	08/25/2021	LA-SMA-6.31	L022A
			10	Yes	08/25/2021	LA-SMA-6.32	L023
			10	Yes	08/25/2021	LA-SMA-6.34	L024
			10	Yes	08/25/2021	LA-SMA-6.36	L025
			10	Yes	08/25/2021	LA-SMA-6.38	L026
			10	Yes	08/25/2021	LA-SMA-6.395	L027
			10	Yes	08/25/2021	LA-SMA-6.5	L028
			11	Yes	08/26/2021	P-SMA-1	P005
			11	Yes	08/26/2021	P-SMA-2	P006
			11	Yes	08/26/2021	P-SMA-2.15	P007
			4	Yes	08/19/2021	P-SMA-2.2	P008

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG038	08/15/2021	0.39	10	Yes	08/25/2021	R-SMA-1.95	R003
			10	Yes	08/25/2021	R-SMA-2.3	R005
			5	Yes	08/20/2021	R-SMA-2.5	R006
			13	Yes	09/08/2021	DP-SMA-0.3	D001
			14	Yes	09/09/2021	DP-SMA-0.4	D002
			14	Yes	09/09/2021	DP-SMA-0.6	D003
			14	Yes	09/09/2021	DP-SMA-1	D004
			14	Yes	09/09/2021	DP-SMA-2	D005
			14	Yes	09/09/2021	DP-SMA-2.35	D006
			14	Yes	09/09/2021	DP-SMA-3	D007
			5	Yes	08/31/2021	LA-SMA-5.31	L015
			13	Yes	09/08/2021	LA-SMA-5.33	L016
			13	Yes	09/08/2021	LA-SMA-5.361	L017
			13	Yes	09/08/2021	LA-SMA-5.362	L017A
			7	Yes	09/02/2021	LA-SMA-5.51	L018
			7	Yes	09/02/2021	LA-SMA-5.52	L018A
			7	Yes	09/02/2021	LA-SMA-5.53	L018B
			7	Yes	09/02/2021	LA-SMA-5.54	L018C
			14	Yes	09/09/2021	LA-SMA-5.91	L019
			14	Yes	09/09/2021	LA-SMA-5.92	L019A
			14	Yes	09/09/2021	LA-SMA-6.25	L020
			14	Yes	09/09/2021	LA-SMA-6.27	L021
			14	Yes	09/09/2021	LA-SMA-6.3	L022
			14	Yes	09/09/2021	LA-SMA-6.31	L022A
			14	Yes	09/09/2021	LA-SMA-6.32	L023
			14	Yes	09/09/2021	LA-SMA-6.34	L024
			14	Yes	09/09/2021	LA-SMA-6.36	L025
			14	Yes	09/09/2021	LA-SMA-6.38	L026
			14	Yes	09/09/2021	LA-SMA-6.395	L027
			14	Yes	09/09/2021	LA-SMA-6.5	L028
			12	Yes	09/07/2021	P-SMA-1	P005
			12	Yes	09/07/2021	P-SMA-2	P006
			12	Yes	09/07/2021	P-SMA-2.15	P007
			12	Yes	09/07/2021	P-SMA-2.2	P008
			13	Yes	09/08/2021	R-SMA-1.95	R003
			13	Yes	09/08/2021	R-SMA-2.3	R005
			13	Yes	09/08/2021	R-SMA-2.5	R006
RG055.5	05/30/2021	0.26	9	Yes	06/08/2021	B-SMA-1	B002
			8	Yes	06/07/2021	LA-SMA-2.1	L006
			8	Yes	06/07/2021	LA-SMA-2.3	L007

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG055.5	05/30/2021	0.26	8	Yes	06/07/2021	LA-SMA-3.1	L008
			8	Yes	06/07/2021	LA-SMA-3.9	L009
			8	Yes	06/07/2021	LA-SMA-4.1	L010
			8	Yes	06/07/2021	LA-SMA-4.2	L011
			8	Yes	06/07/2021	LA-SMA-5.01	L012
			8	Yes	06/07/2021	LA-SMA-5.02	L012A
			8	Yes	06/07/2021	LA-SMA-5.2	L013
			5	Yes	06/04/2021	LA-SMA-5.35	L014
			8	Yes	06/07/2021	ACID-SMA-1.05	P001
			8	Yes	06/07/2021	ACID-SMA-2	P002
			8	Yes	06/07/2021	ACID-SMA-2.01	P002A
			8	Yes	06/07/2021	ACID-SMA-2.1	P003
			12	Yes	06/11/2021	P-SMA-3.05	P009
	07/20/2021	0.46	6	Yes	07/26/2021	B-SMA-1	B002
			9	Yes	07/29/2021	ACID-SMA-2	P002
			9	Yes	07/29/2021	ACID-SMA-2.01	P002A
			9	Yes	07/29/2021	ACID-SMA-2.1	P003
	07/20/2021 07/31/2021	0.46 0.29	13	Yes	08/02/2021	LA-SMA-2.1	L006
			13	Yes	08/02/2021	LA-SMA-2.3	L007
			14	Yes	08/03/2021	LA-SMA-3.1	L008
			14	Yes	08/03/2021	LA-SMA-3.9	L009
			14	Yes	08/03/2021	LA-SMA-4.1	L010
			14	Yes	08/03/2021	LA-SMA-4.2	L011
			14	Yes	08/03/2021	LA-SMA-5.01	L012
			14	Yes	08/03/2021	LA-SMA-5.02	L012A
			14	Yes	08/03/2021	LA-SMA-5.2	L013
			13	Yes	08/02/2021	LA-SMA-5.35	L014
			13	Yes	08/02/2021	ACID-SMA-1.05	P001
			14	Yes	08/03/2021	P-SMA-3.05	P009
	07/31/2021	0.29	12	Yes	08/12/2021	B-SMA-1	B002
			9	Yes	08/09/2021	ACID-SMA-2	P002
			11	Yes	08/11/2021	ACID-SMA-2.01	P002A
			9	Yes	08/09/2021	ACID-SMA-2.1	P003
	08/26/2021	0.36	14	Yes	09/09/2021	B-SMA-1	B002
			13	Yes	09/08/2021	LA-SMA-2.1	L006
			13	Yes	09/08/2021	LA-SMA-2.3	L007
			8	Yes	09/03/2021	LA-SMA-3.1	L008
			8	Yes	09/03/2021	LA-SMA-3.9	L009

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG055.5	08/26/2021	0.36	8	Yes	09/03/2021	LA-SMA-4.1	L010
			8	Yes	09/03/2021	LA-SMA-4.2	L011
			8	Yes	09/03/2021	LA-SMA-5.01	L012
			8	Yes	09/03/2021	LA-SMA-5.02	L012A
			8	Yes	09/03/2021	LA-SMA-5.2	L013
			5	Yes	08/31/2021	LA-SMA-5.35	L014
			13	Yes	09/08/2021	ACID-SMA-1.05	P001
			13	Yes	09/08/2021	ACID-SMA-2	P002
			13	Yes	09/08/2021	ACID-SMA-2.01	P002A
			13	Yes	09/08/2021	ACID-SMA-2.1	P003
			7	Yes	09/02/2021	P-SMA-3.05	P009
RG121.9	05/30/2021	0.35	4	Yes	06/03/2021	2M-SMA-1	E001
			4	Yes	06/03/2021	2M-SMA-1.9	E011
			4	Yes	06/03/2021	2M-SMA-2	E012
			4	Yes	06/03/2021	2M-SMA-2.2	E013
			12	Yes	06/11/2021	LA-SMA-0.85	L001
			11	Yes	06/10/2021	LA-SMA-0.9	L002
			4	Yes	06/03/2021	LA-SMA-1	L003
			4	Yes	06/03/2021	LA-SMA-1.1	L004
			4	Yes	06/03/2021	LA-SMA-1.25	L005
			10	Yes	06/09/2021	M-SMA-1	M001
			10	Yes	06/09/2021	M-SMA-1.2	M002
			10	Yes	06/09/2021	M-SMA-1.21	M002A
			10	Yes	06/09/2021	M-SMA-1.22	M002B
			12	Yes	06/11/2021	S-SMA-0.25	S001
			12	Yes	06/11/2021	S-SMA-1.1	S002
			12	Yes	06/11/2021	S-SMA-2	S003
			12	Yes	06/11/2021	S-SMA-2.01	S003A
			12	Yes	06/11/2021	S-SMA-2.8	S004
			12	Yes	06/11/2021	S-SMA-3.51	S005
			12	Yes	06/11/2021	S-SMA-3.52	S005A
			12	Yes	06/11/2021	S-SMA-3.53	S005B
			12	Yes	06/11/2021	S-SMA-3.6	S006
	08/02/2021	0.27	7	Yes	08/09/2021	2M-SMA-1	E001
			7	Yes	08/09/2021	2M-SMA-1.9	E011
			7	Yes	08/09/2021	2M-SMA-2	E012
			7	Yes	08/09/2021	2M-SMA-2.2	E013
			14	Yes	08/16/2021	LA-SMA-0.85	L001

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG121.9	08/02/2021	0.27	14	Yes	08/16/2021	LA-SMA-0.9	L002
			14	Yes	08/16/2021	LA-SMA-1	L003
			14	Yes	08/16/2021	LA-SMA-1.1	L004
			14	Yes	08/16/2021	LA-SMA-1.25	L005
			8	Yes	08/10/2021	M-SMA-1	M001
			8	Yes	08/10/2021	M-SMA-1.2	M002
			8	Yes	08/10/2021	M-SMA-1.21	M002A
			8	Yes	08/10/2021	M-SMA-1.22	M002B
			10	Yes	08/12/2021	S-SMA-0.25	S001
			10	Yes	08/12/2021	S-SMA-1.1	S002
			10	Yes	08/12/2021	S-SMA-2	S003
			10	Yes	08/12/2021	S-SMA-2.01	S003A
			10	Yes	08/12/2021	S-SMA-2.8	S004
			10	Yes	08/12/2021	S-SMA-3.51	S005
			10	Yes	08/12/2021	S-SMA-3.52	S005A
			10	Yes	08/12/2021	S-SMA-3.53	S005B
			10	Yes	08/12/2021	S-SMA-3.6	S006
	08/26/2021	0.26	7	Yes	09/02/2021	2M-SMA-1	E001
			7	Yes	09/02/2021	2M-SMA-1.9	E011
			7	Yes	09/02/2021	2M-SMA-2	E012
			7	Yes	09/02/2021	2M-SMA-2.2	E013
			14	Yes	09/09/2021	LA-SMA-0.85	L001
			14	Yes	09/09/2021	LA-SMA-0.9	L002
			13	Yes	09/08/2021	LA-SMA-1	L003
			13	Yes	09/08/2021	LA-SMA-1.1	L004
			13	Yes	09/08/2021	LA-SMA-1.25	L005
			7	Yes	09/02/2021	M-SMA-1	M001
			7	Yes	09/02/2021	M-SMA-1.2	M002
			7	Yes	09/02/2021	M-SMA-1.21	M002A
			7	Yes	09/02/2021	M-SMA-1.22	M002B
			13	Yes	09/08/2021	S-SMA-0.25	S001
			13	Yes	09/08/2021	S-SMA-1.1	S002
			13	Yes	09/08/2021	S-SMA-2	S003
			13	Yes	09/08/2021	S-SMA-2.01	S003A
			13	Yes	09/08/2021	S-SMA-2.8	S004
			13	Yes	09/08/2021	S-SMA-3.51	S005
			13	Yes	09/08/2021	S-SMA-3.52	S005A
			13	Yes	09/08/2021	S-SMA-3.53	S005B

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG121.9	08/26/2021	0.26	13	Yes	09/08/2021	S-SMA-3.6	S006
RG200.5	05/30/2021 05/31/2021	0.42 0.52	11	Yes	06/10/2021	CDB-SMA-0.15	C001
			4	Yes	06/03/2021	M-SMA-3.5	M005
			4	Yes	06/03/2021	M-SMA-4	M006
			11	Yes	06/10/2021	M-SMA-5	M007
			11	Yes	06/10/2021	M-SMA-6	M008
			11	Yes	06/10/2021	M-SMA-7	M009
			12	Yes	06/11/2021	M-SMA-7.9	M010
			12	Yes	06/11/2021	M-SMA-9.1	M011
			12	Yes	06/11/2021	M-SMA-10	M012
			12	Yes	06/11/2021	M-SMA-10.01	M012A
			12	Yes	06/11/2021	M-SMA-10.3	M013
			12	Yes	06/11/2021	M-SMA-11.1	M014
			12	Yes	06/11/2021	M-SMA-12	M015
			8	Yes	06/07/2021	Pratt-SMA-1.05	T001
			11	Yes	06/10/2021	T-SMA-1	T002
			11	Yes	06/10/2021	T-SMA-2.5	T003
			11	Yes	06/10/2021	T-SMA-2.85	T004
			11	Yes	06/10/2021	T-SMA-3	T005
			11	Yes	06/10/2021	T-SMA-4	T006
			11	Yes	06/10/2021	T-SMA-5	T007
			8	Yes	06/07/2021	T-SMA-6.8	T008
			8	Yes	06/07/2021	T-SMA-7	T009
			8	Yes	06/07/2021	T-SMA-7.1	T010
	06/17/2021	0.34	7	Yes	06/24/2021	CDB-SMA-0.15	C001
			8	Yes	06/25/2021	M-SMA-5	M007
			8	Yes	06/25/2021	M-SMA-6	M008
			8	Yes	06/25/2021	M-SMA-7	M009
			8	Yes	06/25/2021	M-SMA-7.9	M010
			5	Yes	06/22/2021	M-SMA-9.1	M011
			5	Yes	06/22/2021	M-SMA-10	M012
			5	Yes	06/22/2021	M-SMA-10.01	M012A
			5	Yes	06/22/2021	M-SMA-10.3	M013
			5	Yes	06/22/2021	M-SMA-11.1	M014
			5	Yes	06/22/2021	M-SMA-12	M015
			7	Yes	06/24/2021	Pratt-SMA-1.05	T001
			7	Yes	06/24/2021	T-SMA-1	T002
			7	Yes	06/24/2021	T-SMA-2.5	T003

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG200.5	06/17/2021	0.34	7	Yes	06/24/2021	T-SMA-2.85	T004
			7	Yes	06/24/2021	T-SMA-3	T005
			7	Yes	06/24/2021	T-SMA-4	T006
			7	Yes	06/24/2021	T-SMA-5	T007
			7	Yes	06/24/2021	T-SMA-6.8	T008
			7	Yes	06/24/2021	T-SMA-7	T009
			7	Yes	06/24/2021	T-SMA-7.1	T010
	06/17/2021	0.34	12	Yes	06/29/2021	M-SMA-3.5	M005
	06/26/2021	0.42	12	Yes	06/29/2021	M-SMA-4	M006
	06/26/2021	0.42	4	Yes	06/30/2021	CDB-SMA-0.15	C001
			12	Yes	07/08/2021	M-SMA-5	M007
			13	Yes	07/09/2021	M-SMA-6	M008
			13	Yes	07/09/2021	M-SMA-7	M009
			13	Yes	07/09/2021	M-SMA-7.9	M010
			13	Yes	07/09/2021	M-SMA-9.1	M011
			4	Yes	06/30/2021	M-SMA-10	M012
			4	Yes	06/30/2021	M-SMA-10.01	M012A
			4	Yes	06/30/2021	M-SMA-10.3	M013
			4	Yes	06/30/2021	M-SMA-11.1	M014
			4	Yes	06/30/2021	M-SMA-12	M015
			4	Yes	06/30/2021	Pratt-SMA-1.05	T001
			4	Yes	06/30/2021	T-SMA-1	T002
			4	Yes	06/30/2021	T-SMA-2.5	T003
			4	Yes	06/30/2021	T-SMA-2.85	T004
			4	Yes	06/30/2021	T-SMA-3	T005
			4	Yes	06/30/2021	T-SMA-4	T006
			4	Yes	06/30/2021	T-SMA-5	T007
			4	Yes	06/30/2021	T-SMA-6.8	T008
			4	Yes	06/30/2021	T-SMA-7	T009
			4	Yes	06/30/2021	T-SMA-7.1	T010
	07/20/2021	0.25	3	Yes	07/23/2021	CDB-SMA-0.15	C001
			6	Yes	07/26/2021	M-SMA-3.5	M005
			6	Yes	07/26/2021	M-SMA-4	M006
			3	Yes	07/23/2021	M-SMA-5	M007
			10	Yes	07/30/2021	M-SMA-6	M008
			10	Yes	07/30/2021	M-SMA-7	M009
			10	Yes	07/30/2021	M-SMA-7.9	M010
			1	Yes	07/21/2021	M-SMA-9.1	M011

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG200.5	07/20/2021	0.25	1	Yes	07/21/2021	M-SMA-10	M012
			1	Yes	07/21/2021	M-SMA-10.01	M012A
			1	Yes	07/21/2021	M-SMA-10.3	M013
			1	Yes	07/21/2021	M-SMA-11.1	M014
			1	Yes	07/21/2021	M-SMA-12	M015
			3	Yes	07/23/2021	Pratt-SMA-1.05	T001
			3	Yes	07/23/2021	T-SMA-1	T002
			6	Yes	07/26/2021	T-SMA-2.5	T003
			6	Yes	07/26/2021	T-SMA-2.85	T004
			6	Yes	07/26/2021	T-SMA-3	T005
			6	Yes	07/26/2021	T-SMA-4	T006
			7	Yes	07/27/2021	T-SMA-5	T007
			7	Yes	07/27/2021	T-SMA-6.8	T008
			7	Yes	07/27/2021	T-SMA-7	T009
			7	Yes	07/27/2021	T-SMA-7.1	T010
	08/02/2021 08/04/2021	0.26 0.34	8	Yes	08/10/2021	CDB-SMA-0.15	C001
			11	Yes	08/13/2021	M-SMA-5	M007
			11	Yes	08/13/2021	M-SMA-6	M008
			11	Yes	08/13/2021	M-SMA-7	M009
			11	Yes	08/13/2021	M-SMA-7.9	M010
			11	Yes	08/13/2021	M-SMA-9.1	M011
			10	Yes	08/12/2021	M-SMA-10	M012
			10	Yes	08/12/2021	M-SMA-10.01	M012A
			10	Yes	08/12/2021	M-SMA-10.3	M013
			10	Yes	08/12/2021	M-SMA-11.1	M014
			10	Yes	08/12/2021	M-SMA-12	M015
			9	Yes	08/11/2021	Pratt-SMA-1.05	T001
			9	Yes	08/11/2021	T-SMA-1	T002
			9	Yes	08/11/2021	T-SMA-2.5	T003
			9	Yes	08/11/2021	T-SMA-2.85	T004
			9	Yes	08/11/2021	T-SMA-3	T005
			9	Yes	08/11/2021	T-SMA-4	T006
			9	Yes	08/11/2021	T-SMA-5	T007
			9	Yes	08/11/2021	T-SMA-6.8	T008
			9	Yes	08/11/2021	T-SMA-7	T009
			9	Yes	08/11/2021	T-SMA-7.1	T010
	08/02/2021 08/04/2021 08/15/2021	0.26 0.34 0.38	14	Yes	08/16/2021	M-SMA-3.5	M005
			14	Yes	08/16/2021	M-SMA-4	M006

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG200.5	08/15/2021	0.38	8	Yes	08/23/2021	CDB-SMA-0.15	C001
			5	Yes	08/20/2021	M-SMA-5	M007
			5	Yes	08/20/2021	M-SMA-6	M008
			5	Yes	08/20/2021	M-SMA-7	M009
			5	Yes	08/20/2021	M-SMA-7.9	M010
			5	Yes	08/20/2021	M-SMA-9.1	M011
			5	Yes	08/20/2021	M-SMA-10	M012
			5	Yes	08/20/2021	M-SMA-10.01	M012A
			5	Yes	08/20/2021	M-SMA-10.3	M013
			5	Yes	08/20/2021	M-SMA-11.1	M014
			5	Yes	08/20/2021	M-SMA-12	M015
			8	Yes	08/23/2021	Pratt-SMA-1.05	T001
			8	Yes	08/23/2021	T-SMA-1	T002
			9	Yes	08/24/2021	T-SMA-2.5	T003
			9	Yes	08/24/2021	T-SMA-2.85	T004
			10	Yes	08/25/2021	T-SMA-3	T005
			10	Yes	08/25/2021	T-SMA-4	T006
			10	Yes	08/25/2021	T-SMA-5	T007
			8	Yes	08/23/2021	T-SMA-6.8	T008
			10	Yes	08/25/2021	T-SMA-7	T009
			10	Yes	08/25/2021	T-SMA-7.1	T010
	09/30/2021	0.3	7	Yes	10/07/2021	CDB-SMA-0.15	C001
			12	Yes	10/12/2021	M-SMA-3.5	M005
			12	Yes	10/12/2021	M-SMA-4	M006
			12	Yes	10/12/2021	M-SMA-5	M007
			12	Yes	10/12/2021	M-SMA-6	M008
			12	Yes	10/12/2021	M-SMA-7	M009
			12	Yes	10/12/2021	M-SMA-7.9	M010
			12	Yes	10/12/2021	M-SMA-9.1	M011
			12	Yes	10/12/2021	M-SMA-10	M012
			12	Yes	10/12/2021	M-SMA-10.01	M012A
			8	Yes	10/08/2021	M-SMA-10.3	M013
			8	Yes	10/08/2021	M-SMA-11.1	M014
			8	Yes	10/08/2021	M-SMA-12	M015
			7	Yes	10/07/2021	Pratt-SMA-1.05	T001
			7	Yes	10/07/2021	T-SMA-1	T002
			13	Yes	10/13/2021	T-SMA-2.5	T003
			13	Yes	10/13/2021	T-SMA-2.85	T004

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG200.5	09/30/2021	0.3	13	Yes	10/13/2021	T-SMA-3	T005
			13	Yes	10/13/2021	T-SMA-4	T006
			13	Yes	10/13/2021	T-SMA-5	T007
			7	Yes	10/07/2021	T-SMA-6.8	T008
			13	Yes	10/13/2021	T-SMA-7	T009
			13	Yes	10/13/2021	T-SMA-7.1	T010
RG203	05/30/2021	0.28	8	Yes	06/07/2021	M-SMA-12.5	M016
			8	Yes	06/07/2021	M-SMA-12.6	M017
			8	Yes	06/07/2021	M-SMA-12.7	M018
			8	Yes	06/07/2021	M-SMA-12.8	M019
			8	Yes	06/07/2021	M-SMA-12.9	M020
			8	Yes	06/07/2021	M-SMA-12.92	M021
			8	Yes	06/07/2021	M-SMA-13	M022
			11	Yes	06/10/2021	S-SMA-3.7	S007
			11	Yes	06/10/2021	S-SMA-3.71	S008
			11	Yes	06/10/2021	S-SMA-3.72	S009
			5	Yes	06/04/2021	S-SMA-3.95	S010
			5	Yes	06/04/2021	S-SMA-4.5	S012
	06/17/2021 06/26/2021	0.46 0.47	11	Yes	06/28/2021	M-SMA-12.5	M016
			11	Yes	06/28/2021	M-SMA-12.6	M017
			11	Yes	06/28/2021	M-SMA-12.7	M018
			11	Yes	06/28/2021	M-SMA-12.8	M019
			11	Yes	06/28/2021	M-SMA-12.9	M020
			11	Yes	06/28/2021	M-SMA-12.92	M021
			11	Yes	06/28/2021	M-SMA-13	M022
			11	Yes	06/28/2021	S-SMA-3.7	S007
			11	Yes	06/28/2021	S-SMA-3.71	S008
			11	Yes	06/28/2021	S-SMA-3.72	S009
			13	Yes	06/30/2021	S-SMA-3.95	S010
			11	Yes	06/28/2021	S-SMA-4.5	S012
	07/30/2021 08/03/2021 08/04/2021	0.42 0.55 0.26	10	Yes	08/09/2021	M-SMA-12.5	M016
			10	Yes	08/09/2021	M-SMA-12.6	M017
			10	Yes	08/09/2021	M-SMA-12.7	M018
			10	Yes	08/09/2021	M-SMA-12.8	M019
			10	Yes	08/09/2021	M-SMA-12.9	M020
			10	Yes	08/09/2021	M-SMA-12.92	M021
			10	Yes	08/09/2021	M-SMA-13	M022
			12	Yes	08/11/2021	S-SMA-3.7	S007

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG203	07/30/2021	0.42	12	Yes	08/11/2021	S-SMA-3.71	S008
	08/03/2021	0.55	12	Yes	08/11/2021	S-SMA-3.72	S009
	08/04/2021	0.26	12	Yes	08/11/2021	S-SMA-3.95	S010
			10	Yes	08/09/2021	S-SMA-4.5	S012
	08/15/2021	0.41	11	Yes	08/26/2021	S-SMA-3.7	S007
			11	Yes	08/26/2021	S-SMA-3.71	S008
			11	Yes	08/26/2021	S-SMA-3.72	S009
			8	Yes	08/23/2021	S-SMA-3.95	S010
			8	Yes	08/23/2021	S-SMA-4.5	S012
	08/15/2021	0.41	12	Yes	08/27/2021	M-SMA-12.5	M016
	08/26/2021	0.83	12	Yes	08/27/2021	M-SMA-12.6	M017
			12	Yes	08/27/2021	M-SMA-12.7	M018
			12	Yes	08/27/2021	M-SMA-12.8	M019
			12	Yes	08/27/2021	M-SMA-12.9	M020
			12	Yes	08/27/2021	M-SMA-12.92	M021
			12	Yes	08/27/2021	M-SMA-13	M022
	08/26/2021	0.83	6	Yes	09/01/2021	S-SMA-3.7	S007
			6	Yes	09/01/2021	S-SMA-3.71	S008
			6	Yes	09/01/2021	S-SMA-3.72	S009
			12	Yes	09/07/2021	S-SMA-3.95	S010
			12	Yes	09/07/2021	S-SMA-4.5	S012
	09/28/2021	0.32	3	Yes	10/01/2021	M-SMA-12.5	M016
			3	Yes	10/01/2021	M-SMA-12.6	M017
			3	Yes	10/01/2021	M-SMA-12.7	M018
			3	Yes	10/01/2021	M-SMA-12.8	M019
			3	Yes	10/01/2021	M-SMA-12.9	M020
			3	Yes	10/01/2021	M-SMA-12.92	M021
			3	Yes	10/01/2021	M-SMA-13	M022
			8	Yes	10/06/2021	S-SMA-3.7	S007
			8	Yes	10/06/2021	S-SMA-3.71	S008
			8	Yes	10/06/2021	S-SMA-3.72	S009
			8	Yes	10/06/2021	S-SMA-3.95	S010
			8	Yes	10/06/2021	S-SMA-4.5	S012
RG240	05/30/2021	0.75	4	Yes	06/03/2021	PJ-SMA-1.05	J001
	05/31/2021	0.35	5	Yes	06/04/2021	STRM-SMA-1.05	J028
			5	Yes	06/04/2021	STRM-SMA-1.5	J029
			5	Yes	06/04/2021	STRM-SMA-4.2	J030
			5	Yes	06/04/2021	STRM-SMA-5.05	J031

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG240	06/26/2021	0.30	10	Yes	07/06/2021	PJ-SMA-1.05	J001
	06/27/2021	0.42	11	Yes	07/07/2021	STRM-SMA-1.05	J028
	07/01/2021	0.28	11	Yes	07/07/2021	STRM-SMA-1.5	J029
			10	Yes	07/06/2021	STRM-SMA-4.2	J030
			11	Yes	07/07/2021	STRM-SMA-5.05	J031
	07/20/2021	0.27	2	Yes	07/22/2021	STRM-SMA-1.05	J028
			2	Yes	07/22/2021	STRM-SMA-1.5	J029
	07/20/2021	0.27	9	Yes	07/29/2021	PJ-SMA-1.05	J001
	07/22/2021	0.66	9	Yes	07/29/2021	STRM-SMA-5.05	J031
	07/27/2021	0.31					
	07/28/2021	0.48					
	07/22/2021	0.66	6	Yes	07/28/2021	STRM-SMA-4.2	J030
	07/27/2021	0.31					
	07/22/2021	0.66	13	Yes	08/04/2021	STRM-SMA-1.05	J028
	07/27/2021	0.31	13	Yes	08/04/2021	STRM-SMA-1.5	J029
	07/28/2021	0.48					
	07/28/2021	0.48	8	Yes	08/05/2021	STRM-SMA-4.2	J030
RG245.5	05/30/2021	0.26	4	Yes	06/03/2021	CDB-SMA-0.25	C002
	05/31/2021	0.28	4	Yes	06/03/2021	CDB-SMA-0.55	C003
			4	Yes	06/03/2021	CDB-SMA-1	C004
			4	Yes	06/03/2021	CDB-SMA-1.15	C005
			4	Yes	06/03/2021	CDB-SMA-1.35	C006
			4	Yes	06/03/2021	CDB-SMA-1.54	C007
			4	Yes	06/03/2021	CDB-SMA-1.55	C008
			4	Yes	06/03/2021	CDB-SMA-1.65	C009
			9	Yes	06/08/2021	3M-SMA-0.6	H004
			11	Yes	06/10/2021	3M-SMA-2.6	H005
			11	Yes	06/10/2021	3M-SMA-4	H006
			11	Yes	06/10/2021	PJ-SMA-13	J015
			11	Yes	06/10/2021	PJ-SMA-13.7	J016
			9	Yes	06/08/2021	PJ-SMA-14	J017
			11	Yes	06/10/2021	PJ-SMA-14.2	J018
			11	Yes	06/10/2021	PJ-SMA-14.3	J019
			11	Yes	06/10/2021	PJ-SMA-14.4	J020
			11	Yes	06/10/2021	PJ-SMA-14.6	J021
			11	Yes	06/10/2021	PJ-SMA-14.8	J022
	06/17/2021	0.35	7	Yes	06/24/2021	CDB-SMA-1	C004
			6	Yes	06/23/2021	3M-SMA-0.6	H004
			5	Yes	06/22/2021	3M-SMA-2.6	H005
			5	Yes	06/22/2021	3M-SMA-4	H006

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG245.5	06/17/2021	0.35	5	Yes	06/22/2021	PJ-SMA-13	J015
			5	Yes	06/22/2021	PJ-SMA-13.7	J016
			5	Yes	06/22/2021	PJ-SMA-14	J017
			8	Yes	06/25/2021	PJ-SMA-14.2	J018
			8	Yes	06/25/2021	PJ-SMA-14.3	J019
			8	Yes	06/25/2021	PJ-SMA-14.4	J020
			8	Yes	06/25/2021	PJ-SMA-14.6	J021
			5	Yes	06/22/2021	PJ-SMA-14.8	J022
	06/17/2021 06/26/2021	0.35 0.27	12	Yes	06/29/2021	CDB-SMA-0.25	C002
			12	Yes	06/29/2021	CDB-SMA-0.55	C003
			12	Yes	06/29/2021	CDB-SMA-1.15	C005
			12	Yes	06/29/2021	CDB-SMA-1.35	C006
			12	Yes	06/29/2021	CDB-SMA-1.54	C007
			12	Yes	06/29/2021	CDB-SMA-1.55	C008
			12	Yes	06/29/2021	CDB-SMA-1.65	C009
	06/26/2021	0.27	4	Yes	06/30/2021	CDB-SMA-1	C004
			5	Yes	07/01/2021	3M-SMA-0.6	H004
			10	Yes	07/06/2021	3M-SMA-2.6	H005
			10	Yes	07/06/2021	3M-SMA-4	H006
			6	Yes	07/02/2021	PJ-SMA-13	J015
			6	Yes	07/02/2021	PJ-SMA-13.7	J016
			6	Yes	07/02/2021	PJ-SMA-14	J017
			6	Yes	07/02/2021	PJ-SMA-14.2	J018
			10	Yes	07/06/2021	PJ-SMA-14.3	J019
			10	Yes	07/06/2021	PJ-SMA-14.4	J020
			10	Yes	07/06/2021	PJ-SMA-14.6	J021
			10	Yes	07/06/2021	PJ-SMA-14.8	J022
	08/03/2021	0.31	10	Yes	08/13/2021	PJ-SMA-13	J015
			10	Yes	08/13/2021	PJ-SMA-13.7	J016
			10	Yes	08/13/2021	PJ-SMA-14	J017
			10	Yes	08/13/2021	PJ-SMA-14.2	J018
			10	Yes	08/13/2021	PJ-SMA-14.3	J019
			10	Yes	08/13/2021	PJ-SMA-14.4	J020
			10	Yes	08/13/2021	PJ-SMA-14.6	J021
			10	Yes	08/13/2021	PJ-SMA-14.8	J022
	08/03/2021 08/15/2021	0.31 0.35	14	Yes	08/17/2021	CDB-SMA-0.25	C002
			14	Yes	08/17/2021	CDB-SMA-0.55	C003
			14	Yes	08/17/2021	CDB-SMA-1	C004

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG245.5	08/03/2021 08/15/2021	0.31 0.35	14	Yes	08/17/2021	CDB-SMA-1.15	C005
			14	Yes	08/17/2021	CDB-SMA-1.35	C006
			14	Yes	08/17/2021	CDB-SMA-1.54	C007
			14	Yes	08/17/2021	CDB-SMA-1.55	C008
			14	Yes	08/17/2021	CDB-SMA-1.65	C009
			13	Yes	08/16/2021	3M-SMA-0.6	H004
			13	Yes	08/16/2021	3M-SMA-2.6	H005
			13	Yes	08/16/2021	3M-SMA-4	H006
	08/15/2021 08/22/2021	0.35 0.26	11	Yes	08/26/2021	PJ-SMA-13	J015
			11	Yes	08/26/2021	PJ-SMA-13.7	J016
			11	Yes	08/26/2021	PJ-SMA-14.2	J018
			11	Yes	08/26/2021	PJ-SMA-14.3	J019
	08/15/2021 08/22/2021 08/26/2021	0.35 0.26 0.98	12	Yes	08/27/2021	PJ-SMA-14	J017
			12	Yes	08/27/2021	PJ-SMA-14.4	J020
			12	Yes	08/27/2021	PJ-SMA-14.6	J021
			12	Yes	08/27/2021	PJ-SMA-14.8	J022
	08/22/2021	0.26	4	Yes	08/26/2021	3M-SMA-2.6	H005
			4	Yes	08/26/2021	3M-SMA-4	H006
	08/22/2021 08/26/2021	0.26 0.98	9	Yes	08/31/2021	CDB-SMA-0.25	C002
			9	Yes	08/31/2021	CDB-SMA-0.55	C003
			9	Yes	08/31/2021	CDB-SMA-1	C004
			9	Yes	08/31/2021	CDB-SMA-1.15	C005
			9	Yes	08/31/2021	CDB-SMA-1.35	C006
			9	Yes	08/31/2021	CDB-SMA-1.54	C007
			8	Yes	08/30/2021	CDB-SMA-1.55	C008
			8	Yes	08/30/2021	CDB-SMA-1.65	C009
			9	Yes	08/31/2021	3M-SMA-0.6	H004
	08/26/2021	0.98	28	No	09/23/2021	3M-SMA-2.6	H005
			28	No	09/23/2021	3M-SMA-4	H006
			28	No	09/23/2021	PJ-SMA-13	J015
			28	No	09/23/2021	PJ-SMA-13.7	J016
			28	No	09/23/2021	PJ-SMA-14.2	J018
			28	No	09/23/2021	PJ-SMA-14.3	J019
	09/28/2021	0.32	14	Yes	10/12/2021	CDB-SMA-0.25	C002
			14	Yes	10/12/2021	CDB-SMA-0.55	C003
			8	Yes	10/06/2021	CDB-SMA-1	C004
			14	Yes	10/12/2021	CDB-SMA-1.15	C005
			14	Yes	10/12/2021	CDB-SMA-1.35	C006

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG245.5	09/28/2021	0.32	8	Yes	10/06/2021	CDB-SMA-1.54	C007
			8	Yes	10/06/2021	CDB-SMA-1.55	C008
			9	Yes	10/07/2021	CDB-SMA-1.65	C009
			10	Yes	10/08/2021	3M-SMA-0.6	H004
			9	Yes	10/07/2021	3M-SMA-2.6	H005
			9	Yes	10/07/2021	3M-SMA-4	H006
			9	Yes	10/07/2021	PJ-SMA-13	J015
			9	Yes	10/07/2021	PJ-SMA-13.7	J016
			9	Yes	10/07/2021	PJ-SMA-14	J017
			9	Yes	10/07/2021	PJ-SMA-14.2	J018
			8	Yes	10/06/2021	PJ-SMA-14.3	J019
			8	Yes	10/06/2021	PJ-SMA-14.4	J020
			8	Yes	10/06/2021	PJ-SMA-14.6	J021
			9	Yes	10/07/2021	PJ-SMA-14.8	J022
RG253	05/30/2021	0.68	2	Yes	06/01/2021	PJ-SMA-2	J002
	05/31/2021	0.66					
	05/30/2021 05/31/2021 06/02/2021	0.68 0.66 0.29	8	Yes	06/07/2021	CDV-SMA-1.2	V001
			8	Yes	06/07/2021	CDV-SMA-1.3	V002
			8	Yes	06/07/2021	CDV-SMA-1.4	V003
			8	Yes	06/07/2021	CDV-SMA-1.45	V004
			4	Yes	06/03/2021	CDV-SMA-1.7	V005
			5	Yes	06/04/2021	W-SMA-1	W001
			5	Yes	06/04/2021	W-SMA-1.5	W002
			5	Yes	06/04/2021	W-SMA-2.05	W003
	06/02/2021	0.29	7	Yes	06/09/2021	PJ-SMA-2	J002
	06/27/2021	0.37	3	Yes	06/30/2021	CDV-SMA-1.7	V005
			4	Yes	07/01/2021	W-SMA-2.05	W003
	06/27/2021 07/01/2021	0.37 0.25	9	Yes	07/06/2021	PJ-SMA-2	J002
			10	Yes	07/07/2021	CDV-SMA-1.2	V001
			10	Yes	07/07/2021	CDV-SMA-1.3	V002
			10	Yes	07/07/2021	CDV-SMA-1.4	V003
			10	Yes	07/07/2021	CDV-SMA-1.45	V004
			11	Yes	07/08/2021	W-SMA-1	W001
			11	Yes	07/08/2021	W-SMA-1.5	W002
	07/01/2021	0.25	7	Yes	07/08/2021	CDV-SMA-1.7	V005
			11	Yes	07/12/2021	W-SMA-2.05	W003
	07/20/2021	0.26	2	Yes	07/22/2021	PJ-SMA-2	J002
			2	Yes	07/22/2021	CDV-SMA-1.7	V005

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG253	07/20/2021 07/22/2021 07/27/2021	0.26 0.49 0.34	10	Yes	07/30/2021	CDV-SMA-1.2	V001
			10	Yes	07/30/2021	CDV-SMA-1.3	V002
			9	Yes	07/29/2021	CDV-SMA-1.4	V003
			9	Yes	07/29/2021	CDV-SMA-1.45	V004
			8	Yes	07/28/2021	W-SMA-1	W001
			8	Yes	07/28/2021	W-SMA-1.5	W002
			10	Yes	07/30/2021	W-SMA-2.05	W003
	07/22/2021 07/27/2021	0.49 0.34	6	Yes	07/28/2021	PJ-SMA-2	J002
			12	Yes	08/03/2021	CDV-SMA-1.7	V005
	08/15/2021	0.49	10	Yes	08/25/2021	PJ-SMA-2	J002
			9	Yes	08/24/2021	CDV-SMA-1.2	V001
			9	Yes	08/24/2021	CDV-SMA-1.3	V002
			9	Yes	08/24/2021	CDV-SMA-1.4	V003
			10	Yes	08/25/2021	CDV-SMA-1.45	V004
			9	Yes	08/24/2021	CDV-SMA-1.7	V005
			8	Yes	08/23/2021	W-SMA-1	W001
			8	Yes	08/23/2021	W-SMA-1.5	W002
			8	Yes	08/23/2021	W-SMA-2.05	W003
	09/30/2021	0.27	14	Yes	10/14/2021	PJ-SMA-2	J002
			13	Yes	10/13/2021	CDV-SMA-1.2	V001
			13	Yes	10/13/2021	CDV-SMA-1.3	V002
			13	Yes	10/13/2021	CDV-SMA-1.4	V003
			13	Yes	10/13/2021	CDV-SMA-1.45	V004
			14	Yes	10/14/2021	CDV-SMA-1.7	V005
			12	Yes	10/12/2021	W-SMA-1	W001
			12	Yes	10/12/2021	W-SMA-1.5	W002
			13	Yes	10/13/2021	W-SMA-2.05	W003
RG257	05/30/2021 05/31/2021	0.74 0.61	2	Yes	06/01/2021	PJ-SMA-3.05	J003
			4	Yes	06/03/2021	PJ-SMA-4.05	J004
			4	Yes	06/03/2021	CDV-SMA-2	V006
			8	Yes	06/07/2021	CDV-SMA-2.3	V007
			3	Yes	06/02/2021	CDV-SMA-2.41	V008
			8	Yes	06/07/2021	CDV-SMA-2.42	V008A
			8	Yes	06/07/2021	CDV-SMA-2.5	V009
			8	Yes	06/07/2021	CDV-SMA-2.51	V009A
			10	Yes	06/09/2021	CDV-SMA-3	V010
			10	Yes	06/09/2021	CDV-SMA-4	V011
			10	Yes	06/09/2021	CDV-SMA-6.01	V012

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG257	05/30/2021 05/31/2021	0.74 0.61	10	Yes	06/09/2021	CDV-SMA-6.02	V012A
			10	Yes	06/09/2021	CDV-SMA-7	V013
			4	Yes	06/03/2021	W-SMA-3.5	W004
			3	Yes	06/02/2021	W-SMA-4.1	W005
			8	Yes	06/07/2021	W-SMA-5	W006
			4	Yes	06/03/2021	W-SMA-6	W007
			4	Yes	06/03/2021	W-SMA-7	W008
			4	Yes	06/03/2021	W-SMA-7.8	W009
			4	Yes	06/03/2021	W-SMA-7.9	W010
			4	Yes	06/03/2021	W-SMA-8	W011
			8	Yes	06/07/2021	W-SMA-8.7	W012
			8	Yes	06/07/2021	W-SMA-8.71	W012A
			3	Yes	06/02/2021	W-SMA-9.05	W013
			5	Yes	06/04/2021	W-SMA-9.5	W014
			5	Yes	06/04/2021	W-SMA-9.7	W015
			5	Yes	06/04/2021	W-SMA-9.8	W016
			5	Yes	06/04/2021	W-SMA-9.9	W017
			5	Yes	06/04/2021	W-SMA-10	W018
	06/26/2021	0.29	10	Yes	07/06/2021	PJ-SMA-3.05	J003
			11	Yes	07/07/2021	PJ-SMA-4.05	J004
			4	Yes	06/30/2021	CDV-SMA-2	V006
			11	Yes	07/07/2021	CDV-SMA-2.3	V007
			11	Yes	07/07/2021	CDV-SMA-2.41	V008
			11	Yes	07/07/2021	CDV-SMA-2.42	V008A
			11	Yes	07/07/2021	CDV-SMA-2.5	V009
			11	Yes	07/07/2021	CDV-SMA-2.51	V009A
			5	Yes	07/01/2021	CDV-SMA-3	V010
			5	Yes	07/01/2021	CDV-SMA-4	V011
			2	Yes	06/28/2021	CDV-SMA-6.01	V012
			5	Yes	07/01/2021	CDV-SMA-6.02	V012A
			10	Yes	07/06/2021	CDV-SMA-7	V013
			12	Yes	07/08/2021	W-SMA-3.5	W004
			12	Yes	07/08/2021	W-SMA-4.1	W005
			5	Yes	07/01/2021	W-SMA-5	W006
			5	Yes	07/01/2021	W-SMA-6	W007
			5	Yes	07/01/2021	W-SMA-7	W008
			11	Yes	07/07/2021	W-SMA-7.8	W009
			3	Yes	06/29/2021	W-SMA-7.9	W010

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG257	06/26/2021	0.29	3	Yes	06/29/2021	W-SMA-8	W011
			3	Yes	06/29/2021	W-SMA-8.7	W012
			12	Yes	07/08/2021	W-SMA-8.71	W012A
			3	Yes	06/29/2021	W-SMA-9.05	W013
			3	Yes	06/29/2021	W-SMA-9.5	W014
			12	Yes	07/08/2021	W-SMA-9.7	W015
			3	Yes	06/29/2021	W-SMA-9.8	W016
			3	Yes	06/29/2021	W-SMA-9.9	W017
			3	Yes	06/29/2021	W-SMA-10	W018
	07/20/2021	0.29	2	Yes	07/22/2021	PJ-SMA-3.05	J003
			2	Yes	07/22/2021	CDV-SMA-2	V006
			7	Yes	07/27/2021	W-SMA-7.9	W010
			7	Yes	07/27/2021	W-SMA-8	W011
			7	Yes	07/27/2021	W-SMA-8.7	W012
			7	Yes	07/27/2021	W-SMA-9.05	W013
			7	Yes	07/27/2021	W-SMA-9.5	W014
			7	Yes	07/27/2021	W-SMA-9.7	W015
			7	Yes	07/27/2021	W-SMA-9.8	W016
			7	Yes	07/27/2021	W-SMA-9.9	W017
			7	Yes	07/27/2021	W-SMA-10	W018
	07/20/2021 07/27/2021	0.29 0.49	9	Yes	07/29/2021	PJ-SMA-4.05	J004
			9	Yes	07/29/2021	CDV-SMA-2.3	V007
			9	Yes	07/29/2021	CDV-SMA-2.41	V008
			8	Yes	07/28/2021	CDV-SMA-2.42	V008A
			9	Yes	07/29/2021	CDV-SMA-2.5	V009
			9	Yes	07/29/2021	CDV-SMA-2.51	V009A
			9	Yes	07/29/2021	CDV-SMA-3	V010
			9	Yes	07/29/2021	CDV-SMA-4	V011
			9	Yes	07/29/2021	CDV-SMA-6.01	V012
			9	Yes	07/29/2021	CDV-SMA-6.02	V012A
			9	Yes	07/29/2021	CDV-SMA-7	V013
			8	Yes	07/28/2021	W-SMA-3.5	W004
			8	Yes	07/28/2021	W-SMA-4.1	W005
			8	Yes	07/28/2021	W-SMA-5	W006
			8	Yes	07/28/2021	W-SMA-6	W007
			8	Yes	07/28/2021	W-SMA-7	W008
			8	Yes	07/28/2021	W-SMA-7.8	W009
			8	Yes	07/28/2021	W-SMA-8.71	W012A

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG257	07/27/2021	0.49	1	Yes	07/28/2021	PJ-SMA-3.05	J003
			7	Yes	08/03/2021	CDV-SMA-2	V006
	07/27/2021 08/04/2021	0.49 0.32	13	Yes	08/09/2021	W-SMA-7.9	W010
			13	Yes	08/09/2021	W-SMA-8	W011
			13	Yes	08/09/2021	W-SMA-8.7	W012
			13	Yes	08/09/2021	W-SMA-9.05	W013
			13	Yes	08/09/2021	W-SMA-9.5	W014
			13	Yes	08/09/2021	W-SMA-9.7	W015
			13	Yes	08/09/2021	W-SMA-9.8	W016
			13	Yes	08/09/2021	W-SMA-9.9	W017
			13	Yes	08/09/2021	W-SMA-10	W018
	08/04/2021	0.32	7	Yes	08/11/2021	PJ-SMA-3.05	J003
			8	Yes	08/12/2021	PJ-SMA-4.05	J004
			8	Yes	08/12/2021	CDV-SMA-2	V006
			7	Yes	08/11/2021	CDV-SMA-2.3	V007
			7	Yes	08/11/2021	CDV-SMA-2.41	V008
			7	Yes	08/11/2021	CDV-SMA-2.42	V008A
			7	Yes	08/11/2021	CDV-SMA-2.5	V009
			7	Yes	08/11/2021	CDV-SMA-2.51	V009A
			6	Yes	08/10/2021	CDV-SMA-3	V010
			6	Yes	08/10/2021	CDV-SMA-4	V011
			6	Yes	08/10/2021	CDV-SMA-6.01	V012
			6	Yes	08/10/2021	CDV-SMA-6.02	V012A
	08/04/2021 08/15/2021	0.32 0.45	14	Yes	08/18/2021	CDV-SMA-7	V013
			14	Yes	08/18/2021	W-SMA-3.5	W004
			13	Yes	08/17/2021	W-SMA-4.1	W005
			14	Yes	08/18/2021	W-SMA-5	W006
			13	Yes	08/17/2021	W-SMA-6	W007
			14	Yes	08/18/2021	W-SMA-7	W008
			13	Yes	08/17/2021	W-SMA-7.8	W009
			14	Yes	08/18/2021	W-SMA-8.71	W012A
	08/15/2021	0.45	10	Yes	08/25/2021	PJ-SMA-3.05	J003
			3	Yes	08/18/2021	PJ-SMA-4.05	J004
			9	Yes	08/24/2021	CDV-SMA-2	V006
			9	Yes	08/24/2021	CDV-SMA-2.3	V007
			9	Yes	08/24/2021	CDV-SMA-2.41	V008
			9	Yes	08/24/2021	CDV-SMA-2.42	V008A
			9	Yes	08/24/2021	CDV-SMA-2.5	V009

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG257	08/15/2021	0.45	9	Yes	08/24/2021	CDV-SMA-2.51	V009A
			11	Yes	08/26/2021	CDV-SMA-3	V010
			11	Yes	08/26/2021	CDV-SMA-4	V011
			11	Yes	08/26/2021	CDV-SMA-6.01	V012
			11	Yes	08/26/2021	CDV-SMA-6.02	V012A
			8	Yes	08/23/2021	W-SMA-7.9	W010
			8	Yes	08/23/2021	W-SMA-8	W011
			8	Yes	08/23/2021	W-SMA-8.7	W012
			5	Yes	08/20/2021	W-SMA-9.05	W013
			5	Yes	08/20/2021	W-SMA-9.5	W014
			5	Yes	08/20/2021	W-SMA-9.7	W015
			5	Yes	08/20/2021	W-SMA-9.8	W016
			5	Yes	08/20/2021	W-SMA-9.9	W017
			5	Yes	08/20/2021	W-SMA-10	W018
	08/26/2021	0.27	8	Yes	09/03/2021	PJ-SMA-3.05	J003
			8	Yes	09/03/2021	PJ-SMA-4.05	J004
			8	Yes	09/03/2021	CDV-SMA-2	V006
			8	Yes	09/03/2021	CDV-SMA-2.3	V007
			8	Yes	09/03/2021	CDV-SMA-2.41	V008
			8	Yes	09/03/2021	CDV-SMA-2.42	V008A
			8	Yes	09/03/2021	CDV-SMA-2.5	V009
			8	Yes	09/03/2021	CDV-SMA-2.51	V009A
			6	Yes	09/01/2021	CDV-SMA-3	V010
			6	Yes	09/01/2021	CDV-SMA-4	V011
			6	Yes	09/01/2021	CDV-SMA-6.01	V012
			6	Yes	09/01/2021	CDV-SMA-6.02	V012A
			6	Yes	09/01/2021	CDV-SMA-7	V013
			7	Yes	09/02/2021	W-SMA-3.5	W004
			7	Yes	09/02/2021	W-SMA-4.1	W005
			7	Yes	09/02/2021	W-SMA-5	W006
			5	Yes	08/31/2021	W-SMA-6	W007
			5	Yes	08/31/2021	W-SMA-7	W008
			5	Yes	08/31/2021	W-SMA-7.8	W009
			5	Yes	08/31/2021	W-SMA-7.9	W010
			5	Yes	08/31/2021	W-SMA-8	W011
			6	Yes	09/01/2021	W-SMA-8.7	W012
			6	Yes	09/01/2021	W-SMA-8.71	W012A
			5	Yes	08/31/2021	W-SMA-9.05	W013

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG257	08/26/2021	0.27	6	Yes	09/01/2021	W-SMA-9.5	W014
			6	Yes	09/01/2021	W-SMA-9.7	W015
			6	Yes	09/01/2021	W-SMA-9.8	W016
			6	Yes	09/01/2021	W-SMA-9.9	W017
			6	Yes	09/01/2021	W-SMA-10	W018
RG262.4	05/31/2021	0.46	8	Yes	06/08/2021	3M-SMA-0.4	H002
			8	Yes	06/08/2021	3M-SMA-0.5	H003
			8	Yes	06/08/2021	PT-SMA-0.5	I001
			8	Yes	06/08/2021	PT-SMA-1	I002
			9	Yes	06/09/2021	PT-SMA-1.7	I003
			8	Yes	06/08/2021	PT-SMA-2	I004
			8	Yes	06/08/2021	PT-SMA-2.01	I004A
			9	Yes	06/09/2021	CDV-SMA-8	V014
			3	Yes	06/03/2021	CDV-SMA-8.5	V015
			9	Yes	06/09/2021	CDV-SMA-9.05	V016
			8	Yes	06/08/2021	W-SMA-11.7	W019
			8	Yes	06/08/2021	W-SMA-12.05	W020
			9	Yes	06/09/2021	W-SMA-14.1	W021
			8	Yes	06/08/2021	W-SMA-15.1	W022
	06/17/2021	0.34	6	Yes	06/23/2021	3M-SMA-0.4	H002
			6	Yes	06/23/2021	3M-SMA-0.5	H003
			6	Yes	06/23/2021	PT-SMA-0.5	I001
			6	Yes	06/23/2021	PT-SMA-1	I002
			6	Yes	06/23/2021	PT-SMA-1.7	I003
			6	Yes	06/23/2021	PT-SMA-2	I004
			6	Yes	06/23/2021	PT-SMA-2.01	I004A
			8	Yes	06/25/2021	CDV-SMA-8	V014
			4	Yes	06/21/2021	CDV-SMA-8.5	V015
			6	Yes	06/23/2021	CDV-SMA-9.05	V016
			7	Yes	06/24/2021	W-SMA-11.7	W019
			7	Yes	06/24/2021	W-SMA-12.05	W020
			6	Yes	06/23/2021	W-SMA-14.1	W021
			7	Yes	06/24/2021	W-SMA-15.1	W022
	07/27/2021	0.26	7	Yes	08/03/2021	3M-SMA-0.4	H002
			7	Yes	08/03/2021	3M-SMA-0.5	H003
			7	Yes	08/03/2021	PT-SMA-0.5	I001
			7	Yes	08/03/2021	PT-SMA-1	I002
			7	Yes	08/03/2021	PT-SMA-1.7	I003

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG262.4	07/27/2021	0.26	8	Yes	08/04/2021	CDV-SMA-8	V014
			8	Yes	08/04/2021	CDV-SMA-8.5	V015
			7	Yes	08/03/2021	CDV-SMA-9.05	V016
			7	Yes	08/03/2021	W-SMA-14.1	W021
	07/27/2021 08/04/2021	0.26 0.27	9	Yes	08/05/2021	PT-SMA-2	I004
			9	Yes	08/05/2021	PT-SMA-2.01	I004A
			10	Yes	08/06/2021	W-SMA-11.7	W019
			10	Yes	08/06/2021	W-SMA-12.05	W020
			10	Yes	08/06/2021	W-SMA-15.1	W022
	08/04/2021 08/15/2021	0.27 0.4	12	Yes	08/16/2021	3M-SMA-0.4	H002
			12	Yes	08/16/2021	3M-SMA-0.5	H003
			12	Yes	08/16/2021	PT-SMA-0.5	I001
			12	Yes	08/16/2021	PT-SMA-1	I002
			13	Yes	08/17/2021	PT-SMA-1.7	I003
			13	Yes	08/17/2021	CDV-SMA-8	V014
			12	Yes	08/16/2021	CDV-SMA-8.5	V015
			13	Yes	08/17/2021	CDV-SMA-9.05	V016
			13	Yes	08/17/2021	W-SMA-14.1	W021
	08/15/2021	0.4	2	Yes	08/17/2021	PT-SMA-2	I004
			2	Yes	08/17/2021	PT-SMA-2.01	I004A
			8	Yes	08/23/2021	W-SMA-11.7	W019
			8	Yes	08/23/2021	W-SMA-12.05	W020
			8	Yes	08/23/2021	W-SMA-15.1	W022
	08/26/2021	0.9	5	Yes	08/31/2021	3M-SMA-0.4	H002
			5	Yes	08/31/2021	3M-SMA-0.5	H003
			5	Yes	08/31/2021	PT-SMA-0.5	I001
			5	Yes	08/31/2021	PT-SMA-1	I002
			8	Yes	09/03/2021	PT-SMA-1.7	I003
			5	Yes	08/31/2021	PT-SMA-2	I004
			5	Yes	08/31/2021	PT-SMA-2.01	I004A
			6	Yes	09/01/2021	CDV-SMA-8	V014
			6	Yes	09/01/2021	CDV-SMA-8.5	V015
			4	Yes	08/30/2021	CDV-SMA-9.05	V016
			4	Yes	08/30/2021	W-SMA-11.7	W019
			4	Yes	08/30/2021	W-SMA-12.05	W020
			8	Yes	09/03/2021	W-SMA-14.1	W021
			4	Yes	08/30/2021	W-SMA-15.1	W022

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG265	07/04/2021	0.5	9	Yes	07/13/2021	A-SMA-2.5	A003
			9	Yes	07/13/2021	A-SMA-2.7	A004
			9	Yes	07/13/2021	A-SMA-2.8	A005
			9	Yes	07/13/2021	A-SMA-3	A006
	08/03/2021	0.27	8	Yes	08/11/2021	A-SMA-2.5	A003
			8	Yes	08/11/2021	A-SMA-2.7	A004
			8	Yes	08/11/2021	A-SMA-2.8	A005
			8	Yes	08/11/2021	A-SMA-3	A006
	08/15/2021 08/22/2021	0.4 0.32	10	Yes	08/25/2021	A-SMA-2.5	A003
			10	Yes	08/25/2021	A-SMA-2.7	A004
			10	Yes	08/25/2021	A-SMA-2.8	A005
			10	Yes	08/25/2021	A-SMA-3	A006
	08/26/2021	0.62	12	Yes	09/07/2021	A-SMA-2.5	A003
			12	Yes	09/07/2021	A-SMA-2.7	A004
			12	Yes	09/07/2021	A-SMA-2.8	A005
			12	Yes	09/07/2021	A-SMA-3	A006
RG267.4	05/31/2021	0.41	8	Yes	06/08/2021	A-SMA-1.1	A001
			8	Yes	06/08/2021	A-SMA-2	A002
			8	Yes	06/08/2021	F-SMA-2	F001
			11	Yes	06/11/2021	PT-SMA-3	I005
			9	Yes	06/09/2021	PT-SMA-4.2	I007
	06/26/2021	0.34	5	Yes	07/01/2021	F-SMA-2	F001
			5	Yes	07/01/2021	PT-SMA-3	I005
			5	Yes	07/01/2021	PT-SMA-4.2	I007
	06/26/2021 07/04/2021	0.34 0.38	13	Yes	07/09/2021	A-SMA-1.1	A001
			13	Yes	07/09/2021	A-SMA-2	A002
	07/04/2021	0.38	15	Yes	07/19/2021	F-SMA-2	F001
			15	Yes	07/19/2021	PT-SMA-3	I005
			15	Yes	07/19/2021	PT-SMA-4.2	I007
	08/15/2021 08/22/2021	0.38 0.47	10	Yes	08/25/2021	A-SMA-1.1	A001
			10	Yes	08/25/2021	A-SMA-2	A002
			11	Yes	08/26/2021	F-SMA-2	F001
			11	Yes	08/26/2021	PT-SMA-3	I005
			11	Yes	08/26/2021	PT-SMA-4.2	I007
	08/26/2021	0.98	12	Yes	09/07/2021	A-SMA-1.1	A001
			12	Yes	09/07/2021	A-SMA-2	A002
			2	Yes	08/27/2021	F-SMA-2	F001
			8	Yes	09/03/2021	PT-SMA-3	I005

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG267.4	08/26/2021	0.98	8	Yes	09/03/2021	PT-SMA-4.2	I007
RG340	05/31/2021	0.96	9	Yes	06/09/2021	CHQ-SMA-1.03	Q002B
	05/31/2021 06/06/2021	0.96 0.47	8	Yes	06/08/2021	A-SMA-3.5	A007
			9	Yes	06/09/2021	A-SMA-4	A008
			9	Yes	06/09/2021	A-SMA-6	A009
			8	Yes	06/08/2021	CHQ-SMA-0.5	Q001
			9	Yes	06/09/2021	CHQ-SMA-1.01	Q002
			9	Yes	06/09/2021	CHQ-SMA-1.02	Q002A
			8	Yes	06/08/2021	CHQ-SMA-2	Q003
			9	Yes	06/09/2021	CHQ-SMA-3.05	Q004
			9	Yes	06/09/2021	CHQ-SMA-4	Q005
			9	Yes	06/09/2021	CHQ-SMA-4.1	Q006
			9	Yes	06/09/2021	CHQ-SMA-4.5	Q007
			9	Yes	06/09/2021	CHQ-SMA-5.05	Q008
			9	Yes	06/09/2021	CHQ-SMA-6	Q009
			9	Yes	06/09/2021	CHQ-SMA-7.1	Q010
	07/25/2021	0.25	9	Yes	08/03/2021	CHQ-SMA-0.5	Q001
			9	Yes	08/03/2021	CHQ-SMA-2	Q003
			9	Yes	08/03/2021	CHQ-SMA-4	Q005
			9	Yes	08/03/2021	CHQ-SMA-4.1	Q006
			9	Yes	08/03/2021	CHQ-SMA-5.05	Q008
			9	Yes	08/03/2021	CHQ-SMA-6	Q009
			9	Yes	08/03/2021	CHQ-SMA-7.1	Q010
	07/25/2021 08/03/2021	0.25 0.86	11	Yes	08/05/2021	CHQ-SMA-1.01	Q002
			11	Yes	08/05/2021	CHQ-SMA-1.02	Q002A
			11	Yes	08/05/2021	CHQ-SMA-1.03	Q002B
			11	Yes	08/05/2021	CHQ-SMA-3.05	Q004
			11	Yes	08/05/2021	CHQ-SMA-4.5	Q007
			10	Yes	08/04/2021	A-SMA-3.5	A007
			10	Yes	08/04/2021	A-SMA-4	A008
			10	Yes	08/04/2021	A-SMA-6	A009
	08/03/2021	0.86	7	Yes	08/10/2021	CHQ-SMA-0.5	Q001
			7	Yes	08/10/2021	CHQ-SMA-2	Q003
			7	Yes	08/10/2021	CHQ-SMA-4	Q005
			7	Yes	08/10/2021	CHQ-SMA-4.1	Q006
			7	Yes	08/10/2021	CHQ-SMA-5.05	Q008
			7	Yes	08/10/2021	CHQ-SMA-6	Q009
			7	Yes	08/10/2021	CHQ-SMA-7.1	Q010

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Days to Inspection	Inspection within 15 days?	Inspection Date	Site Monitoring Area	Permitted Feature
RG340	08/26/2021	0.43	12	Yes	09/07/2021	A-SMA-3.5	A007
			12	Yes	09/07/2021	A-SMA-4	A008
			12	Yes	09/07/2021	A-SMA-6	A009
			12	Yes	09/07/2021	CHQ-SMA-0.5	Q001
			7	Yes	09/02/2021	CHQ-SMA-1.01	Q002
			7	Yes	09/02/2021	CHQ-SMA-1.02	Q002A
			7	Yes	09/02/2021	CHQ-SMA-1.03	Q002B
			6	Yes	09/01/2021	CHQ-SMA-2	Q003
			7	Yes	09/02/2021	CHQ-SMA-3.05	Q004
			4	Yes	08/30/2021	CHQ-SMA-4	Q005
			4	Yes	08/30/2021	CHQ-SMA-4.1	Q006
			12	Yes	09/07/2021	CHQ-SMA-4.5	Q007
			4	Yes	08/30/2021	CHQ-SMA-5.05	Q008
			6	Yes	09/01/2021	CHQ-SMA-6	Q009
			6	Yes	09/01/2021	CHQ-SMA-7.1	Q010

Table 7-3
Summary of Annual Erosion Evaluation Inspections

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
1	R-SMA-0.5	R001	06/14/2021
2	R-SMA-1	R002	06/14/2021
3	R-SMA-1.95	R003	06/08/2021
4	R-SMA-2.05	R004	06/14/2021
5	R-SMA-2.3	R005	06/08/2021
6	R-SMA-2.5	R006	06/08/2021
7	B-SMA-0.5	B001	06/08/2021
8	B-SMA-1	B002	06/08/2021
9	ACID-SMA-1.05	P001	06/07/2021
10	ACID-SMA-2	P002	06/07/2021
11	ACID-SMA-2.01	P002A	06/07/2021
12	ACID-SMA-2.1	P003	06/07/2021
13	P-SMA-0.3	P004	06/08/2021
14	P-SMA-1	P005	06/09/2021
15	P-SMA-2	P006	06/09/2021
16	P-SMA-2.15	P007	06/09/2021
17	P-SMA-2.2	P008	06/11/2021

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
18	P-SMA-3.05	P009	06/11/2021
19	LA-SMA-0.85	L001	06/11/2021
20	LA-SMA-0.9	L002	06/10/2021
21	LA-SMA-1	L003	06/03/2021
22	LA-SMA-1.1	L004	06/03/2021
23	LA-SMA-1.25	L005	06/03/2021
24	LA-SMA-2.1	L006	06/07/2021
25	LA-SMA-2.3	L007	06/07/2021
26	LA-SMA-3.1	L008	06/07/2021
27	LA-SMA-3.9	L009	06/07/2021
28	LA-SMA-4.1	L010	06/07/2021
29	LA-SMA-4.2	L011	06/07/2021
30	LA-SMA-5.01	L012	06/07/2021
31	LA-SMA-5.02	L012A	06/07/2021
32	LA-SMA-5.2	L013	06/07/2021
33	LA-SMA-5.31	L015	06/04/2021
34	LA-SMA-5.33	L016	06/11/2021
35	LA-SMA-5.35	L014	06/04/2021
36	LA-SMA-5.361	L017	06/11/2021
37	LA-SMA-5.362	L017A	06/11/2021
38	LA-SMA-5.51	L018	06/04/2021
39	LA-SMA-5.52	L018A	06/04/2021
40	LA-SMA-5.53	L018B	06/04/2021
41	LA-SMA-5.54	L018C	06/04/2021
42	LA-SMA-5.91	L019	06/11/2021
43	LA-SMA-5.92	L019A	06/11/2021
44	LA-SMA-6.25	L020	06/09/2021
45	LA-SMA-6.27	L021	06/09/2021
46	LA-SMA-6.3	L022	06/09/2021
47	LA-SMA-6.31	L022A	06/09/2021
48	LA-SMA-6.32	L023	06/09/2021
49	LA-SMA-6.34	L024	06/09/2021
50	LA-SMA-6.36	L025	06/09/2021
51	LA-SMA-6.38	L026	06/09/2021
52	LA-SMA-6.395	L027	06/09/2021
53	LA-SMA-6.5	L028	06/09/2021
54	LA-SMA-9	L029	06/11/2021
55	LA-SMA-10.11	L030	06/10/2021
56	LA-SMA-10.12	L030A	06/10/2021

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
57	DP-SMA-0.3	D001	06/11/2021
58	DP-SMA-0.4	D002	06/09/2021
59	DP-SMA-0.6	D003	06/09/2021
60	DP-SMA-1	D004	06/09/2021
61	DP-SMA-2	D005	06/09/2021
62	DP-SMA-2.35	D006	06/09/2021
63	DP-SMA-3	D007	06/09/2021
64	DP-SMA-4	D008	06/09/2021
65	S-SMA-0.25	S001	06/11/2021
66	S-SMA-1.1	S002	06/11/2021
67	S-SMA-2	S003	06/11/2021
68	S-SMA-2.01	S003A	06/11/2021
69	S-SMA-2.8	S004	06/11/2021
70	S-SMA-3.51	S005	06/11/2021
71	S-SMA-3.52	S005A	06/11/2021
72	S-SMA-3.53	S005B	06/11/2021
73	S-SMA-3.6	S006	06/11/2021
74	S-SMA-3.7	S007	06/10/2021
75	S-SMA-3.71	S008	06/10/2021
76	S-SMA-3.72	S009	06/10/2021
77	S-SMA-3.95	S010	06/04/2021
78	S-SMA-4.1	S011	06/10/2021
79	S-SMA-4.5	S012	06/04/2021
80	S-SMA-5	S013	06/04/2021
81	S-SMA-5.2	S014	06/10/2021
82	S-SMA-5.5	S015	06/04/2021
83	S-SMA-6	S016	06/04/2021
84	CDB-SMA-0.15	C001	06/10/2021
85	CDB-SMA-0.25	C002	06/03/2021
86	CDB-SMA-0.55	C003	06/03/2021
87	CDB-SMA-1	C004	06/03/2021
88	CDB-SMA-1.15	C005	06/03/2021
89	CDB-SMA-1.35	C006	06/03/2021
90	CDB-SMA-1.54	C007	06/03/2021
91	CDB-SMA-1.55	C008	06/03/2021
92	CDB-SMA-1.65	C009	06/03/2021
93	CDB-SMA-4	C010	08/16/2021
94	M-SMA-1	M001	06/09/2021
95	M-SMA-1.2	M002	06/09/2021

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
96	M-SMA-1.21	M002A	06/09/2021
97	M-SMA-1.22	M002B	06/09/2021
98	M-SMA-3	M003	06/03/2021
99	M-SMA-3.1	M004	06/03/2021
100	M-SMA-3.5	M005	06/03/2021
101	M-SMA-4	M006	06/03/2021
102	M-SMA-5	M007	06/10/2021
103	M-SMA-6	M008	06/10/2021
104	M-SMA-7	M009	06/10/2021
105	M-SMA-7.9	M010	06/11/2021
106	M-SMA-9.1	M011	06/11/2021
107	M-SMA-10	M012	06/11/2021
108	M-SMA-10.01	M012A	06/11/2021
109	M-SMA-10.3	M013	06/11/2021
110	M-SMA-11.1	M014	06/11/2021
111	M-SMA-12	M015	06/11/2021
112	M-SMA-12.5	M016	06/07/2021
113	M-SMA-12.6	M017	06/07/2021
114	M-SMA-12.7	M018	06/07/2021
115	M-SMA-12.8	M019	06/07/2021
116	M-SMA-12.9	M020	06/07/2021
117	M-SMA-12.92	M021	06/07/2021
118	M-SMA-13	M022	06/07/2021
119	Pratt-SMA-1.05	T001	06/07/2021
120	T-SMA-1	T002	06/10/2021
121	T-SMA-2.5	T003	06/10/2021
122	T-SMA-2.85	T004	06/10/2021
123	T-SMA-3	T005	06/10/2021
124	T-SMA-4	T006	06/10/2021
125	T-SMA-5	T007	06/10/2021
126	T-SMA-6.8	T008	06/07/2021
127	T-SMA-7	T009	06/07/2021
128	T-SMA-7.1	T010	06/07/2021
129	2M-SMA-1	E001	06/03/2021
130	2M-SMA-1.42	E002	06/04/2021
131	2M-SMA-1.43	E003	06/04/2021
132	2M-SMA-1.44	E004	06/04/2021
133	2M-SMA-1.45	E005	06/04/2021
134	2M-SMA-1.5	E006	06/01/2021

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
135	2M-SMA-1.65	E007	06/02/2021
136	2M-SMA-1.67	E008	06/04/2021
137	2M-SMA-1.7	E009	06/03/2021
138	2M-SMA-1.8	E010	06/03/2021
139	2M-SMA-1.9	E011	06/03/2021
140	2M-SMA-2	E012	06/03/2021
141	2M-SMA-2.2	E013	06/03/2021
142	2M-SMA-3	E014	06/02/2021
143	2M-SMA-2.5	E015	06/04/2021
144	3M-SMA-0.2	H001	06/03/2021
145	3M-SMA-0.4	H002	06/08/2021
146	3M-SMA-0.5	H003	06/08/2021
147	3M-SMA-0.6	H004	06/08/2021
148	3M-SMA-2.6	H005	06/10/2021
149	3M-SMA-4	H006	06/10/2021
150	PJ-SMA-1.05	J001	06/03/2021
151	PJ-SMA-2	J002	06/01/2021
152	PJ-SMA-3.05	J003	06/01/2021
153	PJ-SMA-4.05	J004	06/03/2021
154	PJ-SMA-5	J005	06/02/2021
155	PJ-SMA-5.1	J006	06/02/2021
156	PJ-SMA-6	J007	06/02/2021
157	PJ-SMA-7	J008	06/02/2021
158	PJ-SMA-8	J009	06/02/2021
159	PJ-SMA-9	J010	06/02/2021
160	PJ-SMA-10	J012	06/04/2021
161	PJ-SMA-11	J013	06/04/2021
162	PJ-SMA-11.1	J014	06/04/2021
163	PJ-SMA-13	J015	06/10/2021
164	PJ-SMA-13.7	J016	06/10/2021
165	PJ-SMA-14	J017	06/08/2021
166	PJ-SMA-14.2	J018	06/10/2021
167	PJ-SMA-14.3	J019	06/10/2021
168	PJ-SMA-14.4	J020	06/10/2021
169	PJ-SMA-14.6	J021	06/10/2021
170	PJ-SMA-14.8	J022	06/10/2021
171	PJ-SMA-16	J023	08/16/2021
172	PJ-SMA-17	J024	08/16/2021
173	PJ-SMA-18	J026	08/16/2021

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
174	PJ-SMA-19	J025	08/16/2021
175	PJ-SMA-20	J027	08/16/2021
176	STRM-SMA-1.05	J028	06/04/2021
177	STRM-SMA-1.5	J029	06/04/2021
178	STRM-SMA-4.2	J030	06/04/2021
179	STRM-SMA-5.05	J031	06/04/2021
180	CDV-SMA-1.2	V001	06/07/2021
181	CDV-SMA-1.3	V002	06/07/2021
182	CDV-SMA-1.4	V003	06/07/2021
183	CDV-SMA-1.45	V004	06/07/2021
184	CDV-SMA-1.7	V005	06/03/2021
185	CDV-SMA-2	V006	06/03/2021
186	CDV-SMA-2.3	V007	06/07/2021
187	CDV-SMA-2.41	V008	06/02/2021
188	CDV-SMA-2.42	V008A	06/07/2021
189	CDV-SMA-2.5	V009	06/07/2021
190	CDV-SMA-2.51	V009A	06/07/2021
191	CDV-SMA-3	V010	06/09/2021
192	CDV-SMA-4	V011	06/09/2021
193	CDV-SMA-6.01	V012	06/09/2021
194	CDV-SMA-6.02	V012A	06/09/2021
195	CDV-SMA-7	V013	06/09/2021
196	CDV-SMA-8	V014	06/09/2021
197	CDV-SMA-8.5	V015	06/03/2021
198	CDV-SMA-9.05	V016	06/09/2021
199	F-SMA-2	F001	06/08/2021
200	PT-SMA-0.5	I001	06/08/2021
201	PT-SMA-1	I002	06/08/2021
202	PT-SMA-1.7	I003	06/09/2021
203	PT-SMA-2	I004	06/08/2021
204	PT-SMA-2.01	I004A	06/08/2021
205	PT-SMA-3	I005	06/11/2021
206	PT-SMA-4.2	I007	06/09/2021
207	W-SMA-1	W001	06/04/2021
208	W-SMA-1.5	W002	06/04/2021
209	W-SMA-2.05	W003	06/04/2021
210	W-SMA-3.5	W004	06/03/2021
211	W-SMA-4.1	W005	06/02/2021
212	W-SMA-5	W006	06/07/2021

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
213	W-SMA-6	W007	06/03/2021
214	W-SMA-7	W008	06/03/2021
215	W-SMA-7.8	W009	06/03/2021
216	W-SMA-7.9	W010	06/03/2021
217	W-SMA-8	W011	06/03/2021
218	W-SMA-8.7	W012	06/07/2021
219	W-SMA-8.71	W012A	06/07/2021
220	W-SMA-9.05	W013	06/02/2021
221	W-SMA-9.5	W014	06/04/2021
222	W-SMA-9.7	W015	06/04/2021
223	W-SMA-9.8	W016	06/04/2021
224	W-SMA-9.9	W017	06/04/2021
225	W-SMA-10	W018	06/04/2021
226	W-SMA-11.7	W019	06/08/2021
227	W-SMA-12.05	W020	06/08/2021
228	W-SMA-14.1	W021	06/09/2021
229	W-SMA-15.1	W022	06/08/2021
230	A-SMA-1.1	A001	06/08/2021
231	A-SMA-2	A002	06/08/2021
232	A-SMA-2.5	A003	07/13/2021
233	A-SMA-2.7	A004	07/13/2021
234	A-SMA-2.8	A005	07/13/2021
235	A-SMA-3	A006	07/13/2021
236	A-SMA-3.5	A007	06/08/2021
237	A-SMA-4	A008	06/09/2021
238	A-SMA-6	A009	06/09/2021
239	CHQ-SMA-0.5	Q001	06/08/2021
240	CHQ-SMA-1.01	Q002	06/09/2021
241	CHQ-SMA-1.02	Q002A	06/09/2021
242	CHQ-SMA-1.03	Q002B	06/09/2021
243	CHQ-SMA-2	Q003	06/08/2021
244	CHQ-SMA-3.05	Q004	06/09/2021
245	CHQ-SMA-4	Q005	06/09/2021
246	CHQ-SMA-4.1	Q006	06/09/2021
247	CHQ-SMA-4.5	Q007	06/09/2021
248	CHQ-SMA-5.05	Q008	06/09/2021
249	CHQ-SMA-6	Q009	06/09/2021
250	CHQ-SMA-7.1	Q010	06/09/2021

Table 7-4
Summary of Significant Event Inspections

SMA	Permitted Feature	Inspection Date	Significant Event	Comment
T-SMA-3	T005	03/8/2021	Potable water line break	Multiple IP controls were impacted by potable water discharge flowing directly through SMA drainage. Follow-up actions conducted 07/16/2021 included building up active and inactive (retired in place) log check dams with gravel bags and removing accumulated sediment behind log check dams to increase capacity of controls. Long-term follow-up actions are being discussed with facility owners of equipment that broke (non-Permittee managed facility).
2M-SMA-2.5	E015	03/9/2021	Potable water line break and associated non-Permittee related repair activities.	No impacts to IP controls or the SMA area were observed. The potable water discharge flowed along IP run-on/sediment control (Berm E0150301004) to the east and then north, downgradient and away from SMA. Dirt disturbance associated with water line repairs did not impact IP controls or the SMA. No additional actions are necessary.
W-SMA-14.1	W021	10/5/2021	Soil disturbance due to Consent Order activities	No impacts to IP controls or the SMA area were observed. The Consent Order dirt disturbance has ceased and temporary sediment and erosion controls were utilized. No additional actions are necessary.

Table 7-5
Summary of Visual
Inspections for TAL Exceedances

SMA	Permitted Feature	Inspection Date	Comment
CHQ-SMA-6	Q009	07/27/2021	No action recommended.
PJ-SMA-5	J005	07/28/2021	Compost Log J00503200034 is diverting runoff from SMA away from sampler. Rock Check Dam J00506010024 needs to be extended to tie into northern slope. Maintenance to address comments was completed on 09/30/2021.
W-SMA-7.8	W009	09/09/2021	No action recommended. Inspector notes that clay pipe and tar are present within SMA drainage area.
CHQ-SMA-1.02	Q002A	09/17/2021	Recent Consent Order investigation activities have pushed dirt into Rock Check Dam Q002A06010002. Cleanout is recommended. Rock Check Dam Q002A06010009 is pushing runoff to south rather than over spillway. Recommend extending to the south to prevent diversion of runoff. Maintenance to address comments will be addressed as part of enhanced control installation planned for Spring 2022.
PJ-SMA-3.05	J003	09/09/2021	No action recommended. Inspector notes that clay pipe and metal wire screen debris are present within SMA drainage area.
PJ-SMA-19	J025	11/03/2021	No action recommended.
PJ-SMA-11	J013	11/02/2021	Inspector recommends retirement of seed and wood mulch installations J01301010020 and J01301010028 as the areas have matured to established vegetation. Controls retired as part of CCN-90013, see SDPPP for more details.

Table 7-5 (continued)

SMA	Permitted Feature	Inspection Date	Comment
STRM-SMA-4.2	J030	10/29/2021	Inspector recommends addition of more riprap material to Plunge Pool J03005070007. Maintenance to address comments was completed on 12/13/2021.
PJ-SMA-9	J010	11/02/2021	Inspector notes that Coir Log J01003140021 is operating effectively but additional coir logs could be added in future. Continue to monitor; no immediate action recommended.
CHQ-SMA-0.5	Q001	10/29/2021	Water Bars Q00104050006 and Q00104050007 are recommended for maintenance. Maintenance to address comments was planned for completion in December 2021. Facility access issues and winter weather conditions pushed this schedule to January 2022. Maintenance was completed 1/24/2022.
CDB-SMA-1	C004	10/28/2021	No action recommended.
PT-SMA-4.2	I007	11/05/2021	Inspector recommends retirement of seed and wood mulch installations I00701010037, I00701010053, I00701010054, I00701010058, and seed and gravel mulch I00701020038 as the areas have matured to established vegetation. Updates are pending. Inspector notes that Earthen Berm I00703010044 is not collecting runoff from road to the south, and that Coir Logs I00703140015, I00703140016, I00703140017, I00703140018, I00703140019, and I00703140020 are deteriorating. Further evaluation is ongoing and no immediate action is recommended. Some rock from riprap installations I00704060041 and I00704060043 have been mobilized and repair is recommended. Maintenance is planned for completion in February 2022.
W-SMA-11.7	W019	11/02/2021	No action recommended.
M-SMA-13	M022	11/02/2021	Coir Logs M02203140016 and M02203140017 are no longer in place. Existing earthen berm M02203010013 is functioning as an effective downstream sediment control. Replacement of controls is not necessary; retired as part of CCN-90015, see SDPPP for more details.
F-SMA-2	F001	11/05/2021	Earthen Berms F00103010027 and F00103010031 are at capacity and Earthen Berm F00103010035 is near capacity and there are rodent burrows in captured sediment in Earthen Berms F00103010027, F00103010028, F00103010035, and F00103010039. Rock Check Dams F00106010046 and F00106010047 are at capacity. Continue to monitor all; no immediate action recommended. Runoff is going around edge of Rock Berm F00103120023. Control should be extended on both ends and a low point re-established in middle of control. The spillway of Earthen Berm F00103010031 needs to be repaired. Maintenance to address comments was completed on 12/21/2021.
T-SMA-1	T002	10/28/2021	No action recommended.
PJ-SMA-11.1	J014	11/09/2021	Inspector recommends retirement of seed and wood mulch installation J01401010025 as the area has matured to established vegetation and retirement of Straw Wattle J01403060027 as it is outside of drainage area and not downstream of SWMU. Controls retired as part of CCN-90016, see SDPPP for more details.
PT-SMA-2	I004	11/02/2021	Inspector notes yielded potential non-required maintenance such as Straw Wattle I00403060013 could be replaced, Coir Logs I00403140027 and I00403140028 could be realigned, and Compost Log I00403200030 could be keyed-in. Continue to monitor; no immediate action recommended.
S-SMA-6	S016	11/02/2021	No action recommended.
CDV-SMA-7	V013	10/29/2021	No action recommended.

Table 7-6
Summary of Inspections during Construction Activity Associated with Site Remediation

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
2M-SMA-1	E001	Remediation Construction Compliance Inspection	07/07/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	07/14/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	07/20/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	07/28/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	08/04/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	08/10/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	08/18/2021	Yes – Unable to access site for inspection because of active construction. Backup controls have been in place at all previous inspections.
2M-SMA-1	E001	Remediation Construction Compliance Inspection	08/26/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	09/01/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	09/08/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	09/14/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	09/22/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	09/28/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	10/05/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	10/12/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	10/19/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	10/26/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	11/02/2021	Yes

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
2M-SMA-1	E001	Remediation Construction Compliance Inspection	11/09/2021	Yes – Unable to access site for inspection because of active construction. Backup controls have been in place at all previous inspections.
2M-SMA-1	E001	Remediation Construction Compliance Inspection	11/16/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	11/23/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	11/30/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	12/8/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	12/14/2021	Yes
2M-SMA-1	E001	Remediation Construction Compliance Inspection	12/21/2021	Yes
2M-SMA-1.5	E006	Remediation Construction Compliance Inspection	10/05/2021	n/a ^a – No soil disturbance observed
2M-SMA-1.5	E006	Remediation Construction Compliance Inspection	10/12/2021	n/a – No soil disturbance observed
2M-SMA-1.5	E006	Remediation Construction Compliance Inspection	10/19/2021	n/a – No soil disturbance observed
2M-SMA-1.5	E006	Remediation Construction Compliance Inspection	10/26/2021	n/a – Soil disturbance has begun. No impact to Site, SMA, or controls.
2M-SMA-1.5	E006	Remediation Construction Compliance Inspection	11/02/2021	n/a – Soil disturbance is ongoing. No impact to Site, SMA, or controls.
2M-SMA-1.5	E006	Remediation Construction Compliance Inspection	11/09/2021	n/a – Soil disturbance is ongoing. No impact to Site, SMA, or controls.
2M-SMA-1.5	E006	Remediation Construction Compliance Inspection	11/16/2021	n/a – Soil disturbance is ongoing. No impact to Site, SMA, or controls.
2M-SMA-1.5	E006	Remediation Construction Compliance Inspection	11/23/2021	Yes. Closeout inspection, remaining work will not impact SMA, Site, or control measures.
CDV-SMA-2.5	V009	Remediation Construction Compliance Inspection	08/18/2021	n/a – No soil disturbance observed
CDV-SMA-2.5	V009	Remediation Construction Compliance Inspection	11/30/2021	n/a – Soil disturbance not impacting SMA
CDV-SMA-2.5	V009	Remediation Construction Compliance Inspection	12/7/2021	n/a – Operations are complete. No impacts to SMA/Sites

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
CDV-SMA-2.5	V009	Remediation Construction Compliance Inspection	12/14/2021	n/a – Closeout inspection. Site disturbance is complete with no impact to controls.
LA-SMA-5.31	L015	Remediation Construction Compliance Inspection	11/09/2021	n/a – No soil disturbance observed
LA-SMA-5.31	L015	Remediation Construction Compliance Inspection	11/15/2021	n/a – No soil disturbance observed
LA-SMA-5.31	L015	Remediation Construction Compliance Inspection	11/23/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.31	L015	Remediation Construction Compliance Inspection	11/30/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.31	L015	Remediation Construction Compliance Inspection	12/7/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.31	L015	Remediation Construction Compliance Inspection	12/14/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.31	L015	Remediation Construction Compliance Inspection	12/21/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.35	L014	Remediation Construction Compliance Inspection	11/09/2021	n/a – No soil disturbance observed
LA-SMA-5.35	L014	Remediation Construction Compliance Inspection	11/15/2021	n/a – No soil disturbance observed. Staging activities are beginning.
LA-SMA-5.35	L014	Remediation Construction Compliance Inspection	11/23/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.35	L014	Remediation Construction Compliance Inspection	11/30/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.35	L014	Remediation Construction Compliance Inspection	12/7/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.35	L014	Remediation Construction Compliance Inspection	12/14/2021	n/a – Soil disturbance has not commenced
LA-SMA-5.35	L014	Remediation Construction Compliance Inspection	12/21/2021	n/a – Soil disturbance has not commenced
M-SMA-3.5	M005	Remediation Construction Compliance Inspection	07/15/2021	n/a – No soil disturbance observed
M-SMA-3.5	M005	Remediation Construction Compliance Inspection	11/30/2021	n/a – Soil disturbance has not commenced
M-SMA-3.5	M005	Remediation Construction Compliance Inspection	12/14/2021	n/a – Soil disturbance has not commenced
M-SMA-3.5	M005	Remediation Construction Compliance Inspection	12/21/2021	n/a – Soil disturbance has not commenced
M-SMA-4	M006	Remediation Construction Compliance Inspection	11/30/2021	n/a – Soil disturbance has not commenced
M-SMA-4	M006	Remediation Construction Compliance Inspection	12/8/2021	n/a – Soil disturbance has not commenced

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
M-SMA-4	M006	Remediation Construction Compliance Inspection	12/14/2021	n/a – Soil disturbance has not commenced
M-SMA-4	M006	Remediation Construction Compliance Inspection	12/21/2021	n/a – Soil disturbance has not commenced
M-SMA-5	M007	Remediation Construction Compliance Inspection	07/30/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	07/30/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	08/03/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	08/11/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	08/18/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	08/26/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	09/01/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	09/08/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	09/14/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	09/22/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	09/28/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	10/05/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	10/12/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	10/19/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	10/26/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	11/2/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	11/09/2021	n/a – No soil disturbance observed
M-SMA-5	M007	Remediation Construction Compliance Inspection	11/16/2021	n/a – No soil disturbance observed
W-SMA-1	W001	Remediation Construction Compliance Inspection	06/08/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	06/15/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	06/22/2021	Yes

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
W-SMA-1	W001	Remediation Construction Compliance Inspection	06/29/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	07/07/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	07/13/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	07/20/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	07/27/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	08/03/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	08/10/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	08/17/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	08/24/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	08/31/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	09/08/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	09/14/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	09/22/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	09/28/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	10/05/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	10/12/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	10/19/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	10/26/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	11/2/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	11/09/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	11/16/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	11/23/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	11/30/2021	Yes

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
W-SMA-1	W001	Remediation Construction Compliance Inspection	12/7/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	12/14/2021	Yes
W-SMA-1	W001	Remediation Construction Compliance Inspection	12/21/2021	Yes
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	06/08/2021	No ^b
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	06/15/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	06/22/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	06/29/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	07/07/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	07/13/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	07/20/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	07/27/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	08/03/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	08/10/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	08/17/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	08/24/2021	Yes
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	08/31/2021	Yes
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	09/08/2021	No ^b
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	09/14/2021	No ^b
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	09/22/2021	Yes
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	09/28/2021	No
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	10/05/2021	Yes
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	10/12/2021	Yes
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	10/19/2021	Yes

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	10/26/2021	Yes
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	11/2/2021	Yes
W-SMA-1.5	W002	Remediation Construction Compliance Inspection	11/09/2021	Yes. Closeout inspection. Site disturbance is complete.
W-SMA-3.5	W004	Remediation Construction Compliance Inspection	07/14/2021	n/a – Soil disturbance has begun. No impact to Site, SMA, or controls.
W-SMA-5	W006	Remediation Construction Compliance Inspection	07/13/2021	n/a – Soil disturbance has begun. No impact to Site, SMA, or controls.
W-SMA-5	W006	Remediation Construction Compliance Inspection	07/20/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	07/27/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	08/03/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	08/10/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	08/18/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	08/24/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	08/31/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	09/08/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	09/14/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	09/22/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	09/28/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	10/05/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	10/12/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	10/19/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	10/26/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	11/02/2021	Yes

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
W-SMA-5	W006	Remediation Construction Compliance Inspection	11/09/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	11/16/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	11/23/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	11/30/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	12/7/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	12/14/2021	Yes
W-SMA-5	W006	Remediation Construction Compliance Inspection	12/21/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	08/10/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	08/18/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	08/24/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	08/31/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	09/10/2021	Yes – Unable to access site for inspection because of active construction. Backup controls have been in place at all previous inspections.
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	09/14/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	09/22/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	09/28/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	10/05/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	10/12/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	10/19/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	10/26/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	11/2/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	11/09/2021	Yes

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	11/16/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	11/23/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	11/30/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	12/7/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	12/14/2021	Yes
W-SMA-9.05	W013	Remediation Construction Compliance Inspection	12/21/2021	Yes
W-SMA-10	W018	Remediation Construction Compliance Inspection	11/30/2021	Yes
W-SMA-10	W018	Remediation Construction Compliance Inspection	12/7/2021	Yes
W-SMA-10	W018	Remediation Construction Compliance Inspection	12/14/2021	Yes
W-SMA-10	W018	Remediation Construction Compliance Inspection	12/21/2021	Yes

^a n/a = Not applicable.

^b The SWPPP team worked with LANL throughout the summer of 2021 to remedy the impacts to controls.

**Table 7-7
Sampler Inoperability Summary**

Permit Order	SMA	Compliance Status Report Comment	Date of Rain Events Exceeding 0.1 in. in 24 hr during Periods of Inoperability	Rainfall Intensity ^a /Total ^b (in.)
5	R-SMA-2.3	The sampler was activated for baseline monitoring on 03/31/2021. The sampler was found to be inoperable due to equipment failure on 08/02/2021 with a recorded loss of power on 07/30/2021 (inoperable 3 days). The sampler was shut down for winter on 11/01/2021.	07/30/2021 07/31/2021	0.1/0.11 0.37/0.56
9	ACID-SMA-1.05	The sampler was activated for baseline monitoring on 04/01/2021. The sampler was found to be inoperable due to equipment failure on 06/28/2021 with a recorded loss of power on 06/26/2021 (inoperable 2 days). The sampler was shut down for winter on 11/23/2021.	06/26/2021 06/27/2021	0.2/0.38 0.1/0.3
17	P-SMA-2.2	The sampler was activated for corrective action monitoring on 04/01/2021. The sampler was found to be inoperable due to equipment failure on 07/09/2021 with a recorded loss of power on 06/28/2021 (inoperable 11 days). The sampler attempted but was unable to collect on 09/04/2021 and was reset for continued monitoring on 09/07/2021 (inoperable 3 days). The sampler attempted but was unable to collect on 10/21/2021 and was reset for continued monitoring on 10/25/2021 (inoperable 4 days). The sampler attempted but was unable to collect on 11/06/2021. The sampler was shut down for winter on 11/08/2021 (inoperable 2 days).	06/29/2021 06/30/2021	0.04/0.27 0.04/0.17
20	LA-SMA-0.9	The sampler was activated for baseline monitoring on 03/23/2021. On 11/09/2021 a sample of insufficient volume was found with no collection date recorded and the actuator was found to be buried by wildlife activity. The collection date and start of inoperability is estimated at 10/26/2021 based on it being the only precipitation date occurring after the previous inspection on 10/21/2021 (inoperable up to 7 days). The sampler was shut down for winter on 11/09/2021.	None	n/a ^c
24	LA-SMA-2.1	The sampler was activated for corrective action monitoring on 03/18/2021. The sampler was found to be inoperable due to equipment failure on 05/21/2021 and was last known to be operable at the prior inspection on 05/20/2021 (inoperable up to 1 day). The sampler was found to be inoperable due to equipment failure on 06/16/2021 with a recorded loss of power on 06/12/2021 (inoperable 4 days). The sampler was found to be inoperable due to equipment failure on 07/28/2021 and was last known to be operable on 07/21/2021 (inoperable up to 7 days). The sampler was shut down for winter on 11/09/2021.	07/21/2021 07/25/2021	0.15/0.16 0.15/0.17
29	LA-SMA-4.2	The sampler was activated for baseline monitoring on 03/26/2021. The sampler was found to be inoperable due to equipment failure on 06/07/2021 and was last known to be operable on 05/25/2021 (inoperable up to 13 days). The sampler was shut down for winter on 11/05/2021.	05/30/2021 05/31/2021 06/02/2021	0.26/0.41 0.14/0.29 0.06/0.1
43	LA-SMA-5.92	The sampler was activated for corrective action monitoring on 03/30/2021. On 06/01/2021 the sampler was found to have attempted a sample collection at an undocumented time. The collection attempt date was estimated as 05/30/2021 using the RTU ^d event notification for the location and the start of the 30-min maximum storm intensity from the associated precipitation gage. There was no period of inoperability with this event. The sampler attempted but was unable to collect on 06/17/2021 with no associated inoperable time. The sampler was found to be inoperable due to equipment failure on 08/05/2021 and was last known to be operable at the prior inspection on 06/21/2021 (inoperable up to 45 days). The sampler was found to be inoperable due to equipment failure on 08/17/2021 with pooled water and a recorded loss of power on 08/15/2021 (inoperable 2 days). The sampler was shut down for winter on 11/09/2021.	06/24/2021 06/26/2021 06/27/2021 06/29/2021 06/30/2021 07/20/2021 07/30/2021 07/31/2021 08/04/2021 08/15/2021	0.09/0.1 0.51/0.73 0.11/0.36 0.04/0.27 0.04/0.17 0.15/0.16 0.1/0.11 0.37/0.56 0.32/0.32 0.39/0.49
44	LA-SMA-6.25	The sampler was activated for baseline monitoring on 03/30/2021. The sampler attempted but was unable to collect on 08/15/2021 with no associated inoperability. The sampler attempted but was unable to collect on 08/26/2021 and was reset for continued monitoring on 09/13/2021 (inoperable 18 days). The sampler was shut down for winter on 11/02/2021.	09/1/2021	0.1/0.15
45	LA-SMA-6.27	The sampler was activated for baseline monitoring on 03/30/2021. The sampler was found to be inoperable due to equipment failure on 05/13/2021 with a recorded loss of power on 05/03/2021 (inoperable 10 days). The sampler was shut down for winter on 11/18/2021.	None	n/a
48	LA-SMA-6.32	The sampler was activated for baseline monitoring on 03/23/2021. The sampler attempted but was unable to collect on 03/26/2021 and was reset for continued monitoring on 05/06/2021 (inoperable 41 days). The sampler was shut down for winter on 11/15/2021.	None	n/a
49	LA-SMA-6.34	The sampler was activated for baseline monitoring on 03/29/2021. The sampler was found to be inoperable due to equipment failure on 6/11/2021 with a recorded loss of power on 06/03/2021 (inoperable 8 days). The sampler was shut down for winter on 11/24/2021.	None	n/a
61	DP-SMA-2	The sampler was activated for baseline monitoring on 03/23/2021. The sampler attempted but was unable to collect on 03/26/2021 and was reset for continued monitoring on 05/03/2021 (inoperable 38 days). The sampler attempted but was unable to collect on 06/18/2021 and was reset for continued monitoring on 06/22/2021 (inoperable 4 days). The sampler was found to be inoperable due to equipment failure on 08/10/2021 with a recorded loss of power on 07/30/2021 (inoperable 11 days). The sampler was shut down for winter on 11/15/2021.	07/30/2021 07/31/2021 08/04/2021	0.1/0.11 0.37/0.56 0.32/0.32
69	S-SMA-2.8	The sampler was activated for baseline monitoring on 03/17/2021. The sample attempted but was unable to collect on 06/26/2021 and was reset for continued monitoring on 06/30/2021 (inoperable 4 days). On 07/02/2021 the sampler was found to have attempted a sample collection at an undocumented time. The collection attempt date was estimated as 07/01/2021 using the RTU event notification for the location and the start of the 30-min maximum storm intensity from the associated precipitation gage. There was no period of inoperability with this event. The sampler was shut down for winter on 11/22/2021.	06/27/2021 06/29/2021	0.09/0.3 0.03/0.2

Table 7-7 (continued)

Permit Order	SMA	Compliance Status Report Comment	Date of Rain Events Exceeding 0.1 in. in 24 hr during Periods of Inoperability	Rainfall Intensity ^a /Total ^b (in.)
71	S-SMA-3.52	The sampler was activated for baseline monitoring on 03/26/2021. The sampler was found to be inoperable due to equipment failure on 07/30/2021 and was last known to be operable at the prior inspection on 06/17/2021 (inoperable up to 43 days). The sampler was shut down for winter on 11/22/2021.	06/17/2021 06/26/2021 06/27/2021 06/29/2021 07/01/2021 07/11/2021 07/16/2021 07/20/2021 07/23/2021 07/25/2021 07/27/2021 07/28/2021	0.19/0.2 0.2/0.38 0.09/0.3 0.03/0.2 0.19/0.24 0.11/0.11 0.09/0.15 0.17/0.18 0.1/0.1 0.18/0.19 0.18/0.25 0.19/0.19
80	S-SMA-5	The sampler was activated for baseline monitoring on 03/31/2021. The sampler attempted but was unable to collect on 06/27/2021 and was reset for continued monitoring at 06/28/2021 (inoperable 1 day). The sampler was shut down for winter on 11/23/2021.	None	n/a
83	S-SMA-6	The sampler was activated for corrective action monitoring on 03/25/2021. The sampler attempted but was unable to collect on 05/26/2021 and was reset for continued monitoring on 06/04/2021 (inoperable 9 days). The sampler was shut down for winter on 11/19/2021.	05/28/2021 05/30/2021 05/31/2021	0.1/0.11 0.3/0.42 0.15/0.27
98	M-SMA-3	The sampler was activated for corrective action monitoring on 03/18/2021. The sampler attempted but was unable to collect on 03/18/2021 and was reset for continued monitoring on 04/13/2021 (inoperable 25 days). The sampler was found to be inoperable on 06/01/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 05/30/2021 (inoperable up to 2 days) using the RTU event notification for the location and the start of the 30-min maximum storm intensity from the associated precipitation gage. The sampler attempted but was unable to collect a sample on 07/23/2021 with no associated inoperable time. The sampler attempted but was unable to collect a sample on 07/27/2021 and was reset for continued monitoring on 07/28/2021 (inoperable 1 day). The sampler attempted but was unable to collect a sample on 08/26/2021 and was reset for continued monitoring on 08/30/2021 (inoperable 4 days). The sampler was shut down for winter on 11/01/2021.	05/31/2021 08/28/2021	0.99/1.12 0.15/0.2
132	2M-SMA-1.44	The sampler was activated for corrective action monitoring on 03/17/2021. The sampler was found to be inoperable due to equipment failure on 05/27/2021 and was last known to be operable at the previous inspection on 05/04/2021 (inoperable up to 23 days). The sampler was shut down for winter on 11/16/2021.	05/07/2021 05/18/2021	0.04/0.15 0.03/0.1
136	2M-SMA-1.67	The sampler was activated for baseline monitoring on 04/01/2021. On 06/28/2021 the sampler was found to have attempted a sample collection at an undocumented time. The collection attempt date was estimated as 06/27/2021 using the RTU event notification for the location and the start of the 30-min maximum storm intensity from the associated precipitation gage. There was no period of inoperability with this event. A sample of insufficient volume was collected on 07/27/2021 and the sampler was reset for continued monitoring on 08/24/2021 (inoperable 28 days). The sampler was shut down for winter on 11/16/2021.	08/02/2021 08/04/2021 08/12/2021 08/15/2021	0.24/0.39 0.1/0.1 0.12/0.13 0.51/0.58
152	PJ-SMA-3.05	The sampler was activated for corrective action monitoring on 04/01/2021. A confirmation sample was collected on 5/30/2021. After notification of temperature exceedance during sample transit the sample status was changed to investigative and the sampler was reset for continued monitoring on 06/10/2021 (inoperable 11 days). A confirmation sample was collected on 07/27/2021. The monitoring stage is complete.	05/31/2021 06/02/2021	0.61/0.77 0.17/0.31
158	PJ-SMA-8	The sampler was activated for baseline monitoring on 04/01/2021. The sampler attempted but was unable to collect on 05/18/2021 and was reset for continued monitoring on 05/21/2021 (inoperable 3 days). The sampler was shut down for winter on 11/18/2021.	None	n/a
159	PJ-SMA-9	The sampler was activated for corrective action monitoring on 03/30/2021. The sampler attempted but was unable to collect on 5/17/2021 and was reset for continued monitoring on 05/18/2021 (inoperable 1 day). The sampler attempted but was unable to collect on 5/18/2021 and was reset for continued monitoring on 05/20/2021 (inoperable 2 days). A confirmation monitoring sample was collected on 5/30/2021. After notification of temperature exceedance during sample transit the sample status was changed to investigative, and the sampler was reset for continued monitoring on 06/10/2021 (inoperable 11 days). A sample of insufficient volume was collected on 06/27/2021 and the sampler was shut off at retrieval on 06/29/2021. The sampler was reactivated for continued monitoring on 07/08/2021 (inoperable 9 days). A confirmation monitoring sample was collected on 07/27/2021 and was reset for continued monitoring on 08/13/2021 (inoperable 17 days). The sampler attempted but was unable to collect on 08/26/2021 with no associated inoperable time. The sampler was shut down for winter on 11/16/2021.	05/31/2021 06/02/2021 06/29/2021 07/01/2021 08/12/2021	0.99/1.12 0.16/0.36 0.03/0.18 0.12/0.16 0.12/0.13
161	PJ-SMA-11	The sampler was activated for corrective action monitoring on 03/30/2021. The sampler attempted but was unable to collect on 04/17/2021 with no associated inoperable time. The sampler attempted but was unable to collect on 05/30/2021. The sampler was reset for continued monitoring on 06/04/2021 (inoperable 5 days). A confirmation monitoring sample was collected on 06/27/2021. The sampler was reset for continued monitoring on 07/15/2021 (inoperable 18 days). The sampler attempted but was unable to collect on 08/15/2021 with no associated inoperable time. A second confirmation monitoring sample was collected on 08/26/2021. The monitoring stage is complete.	05/31/2021 06/02/2021	0.99/1.12 0.16/0.21

Table 7-7 (continued)

Permit Order	SMA	Compliance Status Report Comment	Date of Rain Events Exceeding 0.1 in. in 24 hr during Periods of Inoperability	Rainfall Intensity ^a /Total ^b (in.)
162	PJ-SMA-11.1	The sampler was activated for corrective action monitoring on 03/30/2021. The sampler attempted but was unable to collect on 08/02/2021 and was reset for continued monitoring on 08/05/2021 (inoperable 3 days). The sampler attempted but was unable to collect on 08/10/2021 and was reset for continued monitoring on 08/11/2021 (inoperable 1 day). The sampler attempted but was unable to collect on 08/12/2021 and was reset for continued monitoring on 08/16/2021 (inoperable 4 days). A confirmation monitoring sample was collected on 08/26/2021 and the sampler was reactivated for continued monitoring on 09/20/2021 (inoperable 25 days). The sampler attempted but was unable to collect on 09/28/2021 and was reset for continued monitoring on 09/29/2021 (inoperable 1 day). The sampler was shut down for winter on 10/29/2021.	08/04/2021 08/15/2021	0.1/0.1 0.51/0.58
166	PJ-SMA-14.2	The sampler was activated for baseline monitoring on 04/05/2021. A sample was collected on 08/26/2021 but not retrieved due to hold-time exceedances. The sampler was reset for continued monitoring on 09/22/2021 (inoperable 27 days). The sampler was shut down for winter on 11/23/2021.	09/01/2021	0.11/0.21
174	PJ-SMA-19	The sampler was activated on 03/18/2021 to collect the sample required under E.1(b) following certification of completion of corrective action under E.2(c). The sampler was found to be inoperable due to equipment failure on 04/28/2021 and was last known to be operable at the previous inspection on 03/18/2021 (inoperable up to 41 days). The required sample was collected on 08/22/2021. The monitoring stage is complete.	None	n/a
178	STRM-SMA-4.2	The sampler was activated for corrective action monitoring on 03/23/2021. The sampler attempted but was unable to collect on 05/30/2021 and was reset for continued monitoring on 06/02/2021 (inoperable 3 days). The sampler attempted but was unable to collect on 07/01/2021 and was reset for continued monitoring on 07/06/2021 (inoperable 5 days). The sampler was shut down for winter on 11/03/2021.	05/31/2021 06/02/2021	0.35/0.54 0.23/0.27
184	CDV-SMA-1.7	The sampler was activated for corrective action monitoring on 04/08/2021. The sampler attempted but was unable to collect on 05/31/2021. The sampler was reset for continued monitoring on 06/03/2021 (inoperable 3 days). The sampler was shut down for winter on 11/23/2021.	06/02/2021	0.29/0.34
188	CDV-SMA-2.42	The sampler was activated for corrective action monitoring on 07/14/2021. The sampler attempted but was unable to collect on 07/27/2021 and was reset for continued monitoring on 07/28/2021 (inoperable 1 day). The sampler attempted but was unable to collect on 07/28/2021 and was reset for continued monitoring on 07/29/2021 (inoperable 1 day). The sampler attempted but was unable to collect on 08/04/2021 and was reset for continued monitoring on 08/06/2021 (inoperable 2 days). The sampler attempted but was unable to collect on 10/02/2021 with no associated inoperable time. The sampler was shut down for winter on 11/02/2021.	None	n/a
194	CDV-SMA-6.02	The sampler was activated for corrective action monitoring on 03/29/2021. The sampler was found to be inoperable on 06/01/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 05/30/2021 (inoperable up to 2 days) using the RTU event notification for the location and the start of the 30-min maximum storm intensity from the associated precipitation gage. The sampler was shut down for winter on 11/03/2021.	05/31/2021	0.61/0.77
195	CDV-SMA-7	The sampler was activated for corrective action monitoring on 03/31/2021. The sampler was found to be inoperable on 08/18/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 08/15/2021 (inoperable up to 3 days) using the RTU event notification for the location and the start of the 30-min maximum storm intensity from the associated precipitation gage. A confirmation monitoring sample was collected on 08/26/2021. The sampler was reactivated for continued monitoring on 09/24/2021 (inoperable 23 days). The sampler was shut down for winter on 11/09/2021.	None	n/a
197	CDV-SMA-8.5	The sampler was activated for baseline monitoring on 03/31/2021. The sampler was found to be inoperable due to equipment failure on 05/12/2021 and was last known to be operable at the previous inspection on 03/31/2021 (inoperable up to 42 days). The sampler attempted but was unable to collect a sample on 05/30/2021 and was reset for continued monitoring on 06/03/2021 (inoperable 4 days). The sampler attempted but was unable to collect on 08/15/2021 with no associated inoperable time. The sampler was shut down for winter on 11/08/2021.	05/31/2021 06/02/2021	0.46/0.58 0.2/0.34
198	CDV-SMA-9.05	The sampler was activated for corrective action monitoring on 04/01/2021. A confirmation monitoring sample was collected on 08/26/2021. The sampler was reactivated for continued monitoring on 09/14/2021 (inoperable 4 d after required 15 d). The sampler was shut down for winter on 11/18/2021.	None	n/a
199	F-SMA-2	The sampler was activated for corrective action monitoring on 03/29/2021. A confirmation monitoring sample was collected on 08/26/2021. The sampler was reactivated for continued monitoring on 09/09/2021. The sampler was disabled during RTU maintenance on 09/14/2021 and was reset for continued monitoring on 09/15/2021 (inoperable 1 d). The sampler was shut down for winter on 11/04/2021.	None	n/a
205	PT-SMA-3	The sampler was activated for corrective action monitoring on 03/29/2021. On 11/04/2021 a sample was found with a collection date of 08/26/2021. This is inconsistent with inspection records as the previous inspection was conducted on 09/24/2021 with no sample found. Precipitation with enough intensity to generate a sample occurred on 09/28/2021 and 09/30/2021 and equipment failure regarding recorded collection date cannot be ruled out. The sampler was last known to be operable on 09/24/2021 (inoperable up to 41 days). The sampler was shut down for winter on 11/04/2021.	09/28/2021 09/30/2021	0.18/0.19 0.15/1.16
208	W-SMA-1.5	The sampler was activated for corrective action monitoring on 03/25/2021. The sampler was found to be inoperable on 06/01/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 05/30/2021 (inoperable up to 2 days) using the RTU event notification for the location and the start of the 30-min maximum storm intensity from the associated precipitation gage. The sampler was shut down for winter on 11/02/2021.	05/31/2021	0.66/0.93
210	W-SMA-3.5	The sampler was activated for baseline monitoring on 03/29/2021. The sampler attempted but was unable to collect on 08/15/2021 and was reset for continued monitoring on 09/14/2021 (inoperable 30 days). The sampler was shut down for winter on 11/10/2021.	08/26/2021 08/27/2021 09/01/2021	0.27/0.44 0.17/0.26 0.11/0.17
223	W-SMA-9.8	The sampler was activated for baseline monitoring on 03/30/2021. The sampler attempted but was unable to collect on 08/04/2021 with no associated inoperable time. The sampler attempted but was unable to collect on 08/15/2021 and was reset for continued monitoring on 08/16/2021 (inoperable 1 day). The sampler was shut down for winter on 11/01/2021.	None	n/a

Table 7-7 (continued)

Permit Order	SMA	Compliance Status Report Comment	Date of Rain Events Exceeding 0.1 in. in 24 hr during Periods of Inoperability	Rainfall Intensity ^a /Total ^b (in.)
227	W-SMA-12.05	The sampler was activated for baseline monitoring on 04/02/2021. The sampler attempted but was unable to collect on 04/18/2021 and was reset for continued monitoring on 04/19/2021 (inoperable 1 day). The sampler attempted but was unable to collect on 04/23/2021 with no associated inoperable time. The sampler attempted but was unable to collect on 05/03/2021 and was reset for continued monitoring on 05/07/2021 (inoperable 4 days). The sampler attempted but was unable to collect on 05/30/2021 and was reset for continued monitoring on 06/01/2021 (inoperable 2 days). The sampler attempted but was unable to collect on 09/28/2021 and was reset for continued monitoring on 09/29/2021 (inoperable 1 day).The sampler attempted but was unable to collect on 09/30/2021 and was reset for continued monitoring on 10/01/2021 (inoperable 1 day).The sampler was shut down for winter on 11/15/2021.	05/31/2021	0.46/0.58
233	A-SMA-2.7	The sampler was activated for corrective action monitoring on 03/31/2021. The sampler attempted but was unable to collect on 09/30/2021 and was reset for continued monitoring on 10/01/2021 (inoperable 1 day). The sampler was shut down for winter on 11/01/2021.	None	n/a
239	CHQ-SMA-0.5	The sampler was activated for corrective action monitoring on 03/26/2021. The sampler was found to be inoperable on 04/05/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 04/05/2021 using the RTU event notification for the location. The sampler was reset for continued monitoring on 04/05/2021 (inoperable <1 day).The sampler attempted but was unable to collect on 04/23/2021 and was reset for continued monitoring on 04/26/2021 (inoperable 3 days).The sampler attempted but was unable to collect on 04/28/2021 and was reset for continued monitoring on 04/29/2021 (inoperable 1 day).The sampler attempted but was unable to collect on 05/03/2021 and was reset for continued monitoring on 05/04/2021 (inoperable 1 day).The sampler attempted but was unable to collect on 05/07/2021 and was reset for continued monitoring on 05/10/2021 (inoperable 3 days). The sampler attempted but was unable to collect on 05/17/2021 and was reset for continued monitoring on 05/18/2021 (inoperable 1 day).The sampler attempted but was unable to collect on 05/18/2021 and was reset for continued monitoring on 05/19/2021 (inoperable 1 day).The sampler attempted but was unable to collect on 05/19/2021 and was reset for continued monitoring on 05/20/2021 (inoperable 1 day). The sampler attempted but was unable to collect on 05/20/2021 and was reset for continued monitoring on 05/25/2021 (inoperable 5 days).The sampler attempted but was unable to collect on 05/31/2021 and was reset for continued monitoring on 06/01/2021 (inoperable 1 day). A confirmation monitoring sample was collected on 08/03/2021. The sampler was reactivated for continued monitoring on 08/23/2021 (inoperable 20 days). The sampler was shut down for winter on 11/09/2021.	None	n/a
240	CHQ-SMA-1.01	The sampler was activated for baseline monitoring on 03/26/2021. The sampler attempted but was unable to collect on 05/31/2021 and was reset on 06/02/2021 (inoperable 2 days). A sample of insufficient volume was collected on 08/03/2021 and was reset for continued monitoring on 08/04/2021 (inoperable 1 day). The sampler attempted but was unable to collect on 08/26/2021 with no associated inoperable time. The sampler was shut down for winter on 11/09/2021.	None	n/a
243	CHQ-SMA-2	The sampler was activated for corrective action monitoring on 04/29/2021. A sample was collected on 05/31/2021 but not retrieved due to hold-time exceedances. The sampler was reset for continued monitoring on 07/12/2021 (inoperable 42 days). The sampler was found to be inoperable on 08/23/2021 due to a sample collected at an undocumented time. The collection date was estimated as 08/03/2021 (inoperable up to 20 days) using the RTU event notification for nearby locations and the start of the 30-min maximum storm intensity from the associated precipitation gage. The sample was not retrieved due to hold-time exceedances. The sampler was shut down for winter on 11/09/2021.	06/06/2021 06/24/2021 06/27/2021 06/29/2021 07/04/2021	0.47/0.5 0.12/0.14 0.15/0.6 0.03/0.21 0.11/0.18
244	CHQ-SMA-3.05	The sampler was activated for corrective action monitoring on 03/26/2021. The sampler was found to be inoperable due to equipment failure on 10/14/2021 with a recorded loss of power on 10/08/2021 (inoperable 6 days). The sampler was shut down for winter on 11/09/2021.	None	n/a

^a Intensity = Maximum amount of precipitation in any 30-min interval.

^b Total = Total amount of precipitation in 24 hr.

^c n/a = Not applicable; rain gage is not operational.

^d RTU = Radio telemetry unit.

**Table 8-1
Minor Sampler Location Adjustments**

SMA	Station Number	Location ID	Effective Date	Reason	Monitoring Suite Following Sampler Move	Sample Collected Since Move
3M-SMA-0.2	SS211509	3M-SMA-0.2 at SS211509	07/14/2021	Sampler move due to installation of enhanced controls	Appendix B monitoring suite plus high explosives	No
A-SMA-1.1	SS210215	A-SMA-1.1 at SS210215	12/07/2021	Sampler move due to installation of enhanced controls	Appendix B monitoring suite	No
A-SMA-3	SS210214	A-SMA-3 at SS210214	12/07/2021	Sampler move due to installation of enhanced controls	Appendix B monitoring suite	No
CHQ-SMA-1.02	SS210621	CHQ-SMA-1.02 at SS210621	04/20/2021	Sampler move due to installation of enhanced controls	Appendix B monitoring suite	Yes
CHQ-SMA-4	SS210622	CHQ-SMA-4 at SS210622	10/04/2021	Sampler move due to installation of enhanced controls	Appendix B monitoring suite	No

Table 8-2
Summary of SDPPP Changes Completed from January 1 to December 31, 2021

Description of Type of Change to SDPPP	Number of Changes to SDPPP Volumes for January 1–December 31, 2021, Time Period					
	Volume 1 Los Alamos and Pueblo Watersheds	Volume 2 Sandia and Mortandad Watersheds	Volume 3 Pajarito Watershed	Volume 4 Water and Cañon de Valle Watersheds	Volume 5 Ancho and Chaquehui Watersheds	Total for All SDPPP Volumes
Revisions/updates to SMA maps	7	10	11	31	10	68
Add new control – augmenting existing/baseline control	2	3	0	1	1	7
Add new control – routine/replacement control	1	3	4	9	2	19
Retire control – damaged and/or replaced control	3	5	5	11	9	33
Retire control – lifecycle-expired control	1	1	4	5	0	11
New control – corrective action control	4	0	5	6	18	33
Edits or changes to SDPPP reference documents	20	12	11	12	15	70
Edits or changes to procedure documents included in SDPPP	2	2	2	2	2	10
SDPPP updates to Site descriptions	39	38	10	14	34	135
Certificate of completion issued for SWMU or AOC	8	0	0	0	0	8
Minor sampler adjustments, with updates to coordinates in Attachment D	0	0	1	0	4	5
SMA boundary modifications	1	2	1	0	4	8
Site boundary modifications	10	0	4	19	2	34
Miscellaneous edits	1	1	3	5	2	10
Total changes	99	77	61	115	103	451

Appendix A

*Acronyms and Abbreviations,
Glossary, and Metric Conversion Table*

A-1.0 ACRONYMS AND ABBREVIATIONS

AEA	Atomic Energy Act
AltCompA	alternative compliance approved
AltCompR	alternative compliance requested
AOC	area of concern
ATAL	average target action level
BCComp	baseline confirmation complete
BCM	baseline control measure
BEC	build enhanced controls
BMP	best management practice
CAComp	corrective action complete
CAI	corrective action initiated
CAM	corrective action monitoring
CB	chlorinated biphenyl
CFR	Code of Federal Regulations
CoC	certificate of completion (NMED)
COC	chain of custody
Consent Order	Compliance Order on Consent
CSR	Compliance Status Report
DDT	dichlorodiphenyltrichloroethane
DelSiteR	delete site request
DOE	Department of Energy (U.S.)
EC	erosion control
EIM	Environmental Information Management (database)
EMCA	essential mission critical activities
EPA	Environmental Protection Agency (U.S.)
F	filtered
FMCOCC	force majeure certification of completion
HE	high explosives
HPDE	high-density polyethylene
HPS	high-priority site
Individual Permit	National Pollutant Discharge Elimination System Permit No. NM0030759
IP	Individual Permit
LANL	Los Alamos National Laboratory

LC/MS/MS	liquid chromatography/mass spectrometry/mass spectrometry
MDL	method detection limit
MEx	extended baseline monitoring
MPS	moderate-priority site
MQL	minimum quantification level
MTAL	maximum target action level
N3B	Newport News Nuclear BWXT-Los Alamos, LLC
ND	not detected
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMED-SWQB	NMED Storm Water Quality Bureau
NPDES	National Pollutant Discharge Elimination System
PCB	polychlorinated biphenyl
Permit	Individual Permit
PPT	pollution prevention team
RCRA	Resource Conservation and Recovery Act
RDX	Royal Demolition Explosive
ROFF	runoff (control)
RON	run-on (control)
RTU	radio telemetry unit
SC	sediment control
SDPPP	Site Discharge Pollution Prevention Plan
SIP	sampling implementation plan
SMA	site monitoring area
SWMU	solid waste management unit
TAL	target action level
TNT	trinitrotoluene(2,4,6-)
UF	unfiltered
USC	United States Code

A-2.0 GLOSSARY

Baseline Confirmation Complete – All confirmation monitoring results for all pollutants of concern at the SMA are at or below TALs, and corrective action is not required at the Sites. No further sampling is required.

Corrective Action Initiated – A sample was collected during baseline confirmation monitoring or two samples were collected during corrective action monitoring and analytical results show at least one pollutant concentration is above TAL, resulting in the initiation of corrective action. Corrective action may include installing enhanced control measures, installing control measures that totally retain storm water, installing control measures that totally eliminate the exposure of pollutants, or receiving a Certificate of Completion from NMED.

Corrective Action Complete – Completion of a corrective action is demonstrated by one of the following:

- Analytical results from enhanced control monitoring show pollutant concentrations for all pollutants of concern at the Site to be at or below applicable TALs; or
- Control measures that totally retain and prevent the discharge of storm water have been installed at the Site; or
- Control measures that totally eliminate exposure of pollutants to storm water have been installed at the Site; or
- The Site has achieved RCRA “no further action” status or a Certificate of Completion from NMED.

Extended Baseline Monitoring – Baseline confirmation monitoring is in progress, and no storm water from a measurable storm event has been collected. There has been no TAL exceedance.

Enhanced Control Corrective Action Monitoring – Confirmation monitoring at an SMA is initiated to determine how well enhanced controls are performing. This monitoring occurs after certification that the enhanced control measures have been installed and are complete.

A-3.0 METRIC CONVERSION TABLE

Multiply SI (Metric) Unit	by	To Obtain U.S. Customary Unit
kilometers (km)	0.622	miles (mi)
kilometers (km)	3281	feet (ft)
meters (m)	3.281	feet (ft)
meters (m)	39.37	inches (in.)
centimeters (cm)	0.03281	feet (ft)
centimeters (cm)	0.394	inches (in.)
millimeters (mm)	0.0394	inches (in.)
micrometers or microns (μm)	0.0000394	inches (in.)
square kilometers (km^2)	0.3861	square miles (mi^2)
hectares (ha)	2.5	acres
square meters (m^2)	10.764	square feet (ft^2)
cubic meters (m^3)	35.31	cubic feet (ft^3)
kilograms (kg)	2.2046	pounds (lb)
grams (g)	0.0353	ounces (oz)
grams per cubic centimeter (g/cm^3)	62.422	pounds per cubic foot (lb/ft^3)
milligrams per kilogram (mg/kg)	1	parts per million (ppm)
micrograms per gram ($\mu\text{g/g}$)	1	parts per million (ppm)
liters (L)	0.26	gallons (gal.)
milligrams per liter (mg/L)	1	parts per million (ppm)
degrees Celsius ($^{\circ}\text{C}$)	$9/5 + 32$	degrees Fahrenheit ($^{\circ}\text{F}$)

Appendix B

Analytical Monitoring Results

Part I.H.2(c) of the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (hereafter, the Individual Permit or the Permit) requires that the annual report of activities performed under the Permit provide monitoring results available during the reporting period. This appendix presents the validated analytical results for the Permit compliance monitoring samples collected by Newport News Nuclear BWXT-Los Alamos, LLC (N3B) for the U.S. Department of Energy (DOE) Environmental Management Los Alamos Field Office, collectively the Permittees, in 2021.

This appendix also includes tables presenting analytical results for metals, general inorganic chemicals, radioactivity, total polychlorinated biphenyls (PCBs), semivolatile organic analytes, and high explosives (HE). All analytical results for the Permit storm water monitoring samples are available electronically in the Intellus New Mexico database (<http://intellusnm.com>).

Sampler Operations

Monitoring was initiated at 130 site monitoring areas (SMAs) by the activation of samplers beginning in March 2021. In November 2021, active samplers were deactivated because of the arrival of freezing temperatures. The Permit does not allow snowmelt runoff samples to be collected for confirmation purposes.

Sample Analysis

Part III.C.5(a) of the Permit states that monitoring must be conducted according to test procedures approved in Title 40 Code of Federal Regulations (CFR) Part 136, “Guidelines Establishing Test Procedures for the Analysis of Pollutants,” unless other test procedures have been specified in the Permit or approved by the U.S. Environmental Protection Agency (EPA) regional administrator. The following considerations apply in planning the sample collection and preparing the monitoring data set for reporting.

To determine the activity of the sum of the radium isotopes radium-226 + radium-228, the analytical laboratory measures each isotope separately and then sums the individual results. The result returned by the analytical laboratory is the activity of Ra-226 + Ra-228, expressed as picocuries per liter (pCi/L).

The State of New Mexico Standards for Interstate and Intrastate Surface Water (20.6.4 New Mexico Administrative Code [NMAC], effective December 2010) contain numeric criteria for the protection of surface waters that have a designated use of Livestock Watering, including a standard for “adjusted gross alpha,” where

Adjusted gross alpha means the total radioactivity due to alpha particle emission as inferred from measurements on a dry sample, including radium-226, but excluding radon-222 and uranium. Also excluded are source, special nuclear, and byproduct material as defined by the Atomic Energy Act (AEA) of 1954 (Subsection B of 20.6.4.7 NMAC).

EPA has defined “pollutant” for purposes of the NPDES Program under the federal Clean Water Act to exempt radioactive material regulated under the AEA of 1954. EPA regulations in 40 CFR 122, “EPA Administered Permit Programs” Subpart A, Section 2 define “pollutant” as “dredged spoil, solid waste...radioactive materials [except those regulated under Atomic Energy Act (AEA) of 1954, as amended (42 USC §2014 (e))].” The note to 40 CFR 122.2 further states “[r]adioactive materials covered by the Atomic Energy Act are those encompassed in its definition of source, byproduct, or special nuclear materials. Examples of material not covered include radium and accelerator-produced isotopes.” However, the Energy Policy Act of 2005, Section 651(e)(1), amended the AEA to include accelerator-produced radioactive material in the definition of “byproduct material.” For this reason, accelerator-produced radioactive material, including tritium and alpha-emitter isotopes produced for research purposes at Los Alamos National Laboratory (LANL or the Laboratory), are included within the definition of “byproduct material” under the AEA [see 42 United States Code (USC) 2014(e)].

For these reasons, the Permittees contend that gross alpha-emitters that meet the AEA definition of “source, special nuclear, and byproduct material” are excluded from the EPA definition of a “pollutant” under 40 CFR 122.2 and New Mexico’s definition of a “water contaminant” under the New Mexico Water Quality Act and New Mexico Water Quality Standards. Accordingly, alpha-particle emissions from emitters that meet the AEA definition are not to be included in measurements of “adjusted gross alpha” pursuant to the Water Quality Act and New Mexico Water Quality Standards for purposes of implementation of the Individual Permit.

In the June 25, 2015, “Comments on the Draft Los Alamos National Laboratory NPDES Individual Permit (NM0030759) Enclosure 1” (LANL 2015, 600827), Tables 2 and 4 provide a summary list of AEA-exempt alpha-emitting radionuclides present in environmental samples. Additional AEA-exempt alpha-emitting radionuclides not listed in these tables may be present in storm water.

However, methods available for excluding radon-222, uranium, or any special nuclear or byproduct materials from gross-alpha analyses result in incomplete and misleading adjustments. The gross-alpha analytical technique “Method 900.0: Gross Alpha and Gross Beta Radioactivity in Drinking Water” does not differentiate alpha-emitting isotopes and does not include volatile alpha-emitting isotopes such as radon. The method uses americium-241 as a calibrating standard. Any isotope in a sample more energetic than americium-241 is biased high and any isotope less energetic than americium-241 is biased low in the gross-alpha result. The isotopic analyses are not similarly biased, so subtraction of isotopic analyses from gross-alpha analyses produces adjusted gross-alpha results that are larger or smaller than the actual adjusted gross-alpha activity, depending on isotopes dominating in the sample.

Available laboratory analyses can be performed on alpha-emitting isotopes of thorium, uranium, plutonium, americium, and radon. Adjustments to gross alpha for these isotopes do not adjust for all of their alpha-emitting daughters; do not separate the naturally occurring daughters from the source, special nuclear, or byproduct materials; do not account for other source, special nuclear, or byproduct materials that may be counted in the gross-alpha result but are not analyzed; and, in the case of radon, can be used to adjust activities that are not present in the gross-alpha concentration. For these reasons, the Permittees have elected not to adjust the reported gross-alpha result for baseline or corrective action confirmation monitoring samples collected in 2021 or during previous years.

The results reported for total PCBs are calculated from the sum of detected PCB congeners measured using EPA Method 1668C. Supporting documentation for the calculation of the total PCB results is provided in Attachment 1 to this annual report, as required by Appendix C of the Permit.

Limitations of 40 CFR 136 Compliance

Storm water monitoring for the Individual Permit is conducted at remote and unstaffed locations. Use of automated sampling techniques and equipment is necessary to collect storm water for confirmation monitoring.

The Individual Permit Part III.C.5(a) specifies that monitoring will be conducted according to test procedures approved under 40 CFR 136. Section 3(e) of Part 136 defines the sample preservation procedures, container material, and maximum allowable holding times for parameters and specifies that these take precedence over information in specific methods or elsewhere. While the Permittees are compliant with 40 CFR 136 requirements for container materials, holding times, and analytical methodologies, the language in 40 CFR 136 requires the Permittees to perform sample cooling, chemical preservation, and filtration within 15 min of sample collection. It is likely that the 40 CFR 136 requirements did not anticipate the limitations of remote, automated storm water monitoring. The Permittees are constantly reevaluating processes and reducing sample retrieval times. However, full compliance with the

15-min requirements may not be achievable at unstaffed locations. The following challenges make it difficult to fulfill the requirements of 40 CFR 136 associated with sample collection and preservation:

- According to 40 CFR 136, grab samples should be preserved by cooling within 15 min of collection. Analyses of weak acid dissociable cyanide, PCBs, HE, pesticides, dioxins, and semivolatile compounds are subject to this cooling requirement. Because storm water samples are collected automatically and at remote, unstaffed locations, the 15-min requirement is not met. However, the Permittees begin sample preservation with cooling at the time samples are retrieved from ISCO samplers. The addition of refrigerated sampling equipment and electric power infrastructure is necessary to comply with this requirement at SMAs where cooling is required.
- According to 40 CFR 136, grab samples should be chemically preserved within 15 min of collection. Analysis of weak acid dissociable cyanide, radiological compounds, and mercury are subject to this chemical preservation requirement. Other metals can be chemically preserved at the analytical laboratory 24 hr before analysis. Because storm water samples are collected automatically and at remote, unstaffed locations, the 15-min requirement is not met. The Permittees chemically preserve samples at a sample processing facility before shipment to off-site analytical laboratories. The use and management of concentrated acids and bases is governed by N3B procedures and regulations. Acids and bases cannot be left unattended at samplers in bottles in the field. In addition, the strong acids and bases required for preservation are volatile, so they quickly lose their effectiveness to preserve samples if pre-deployed in open sample bottles. Further, the chemicals damage sampling equipment as they volatilize and come into contact with metal and electronic components.
- According to 40 CFR 136, grab samples for dissolved metals analysis should be filtered within 15 min of collection and before adding preservatives. Because storm water samples are collected automatically and at remote, unstaffed locations, the 15-min requirement is not met. The Permittees filter samples at a sample processing facility as quickly as possible before adding preservatives and shipping the samples to off-site analytical laboratories. The Permittees have conducted field trials with different methods of automated in-line cartridge filtration and shown significant loss of sampling volume, resulting in the inability to collect sufficient volume for dissolved metals analysis.

Data Analysis

Upon receipt from the analytical laboratory, storm water analytical results undergo automatic data validation by the Environmental Information Management database. Data validation is used to determine whether the analytical data results received from the analytical laboratory were generated according to contractual specifications and contain the information necessary to determine if the data are sufficient for decision-making. Analytical data validation procedures are concerned with determining whether individual results should be qualified because of the potential impact of flaws in the data quality on the decision-making process.

Data qualifiers (letter codes attached to data results) are used in the data validation process to designate potential deficiencies associated with individual sample results. The data validation qualifier flags used for reporting the storm water data are defined in Table B-1. Analytical results that have been qualified as rejected (“R” flag) because of serious noncompliance with quality-control acceptance criteria are not used for confirmation purposes. Table B-2 provides the data validation summary for the complete Permit compliance data set.

The validated analytical monitoring results from compliance samples are compared with the applicable target action levels (TALs) or with the applicable minimum quantification level (MQL) value, whichever is greater, established in Part I.C of the Permit. The pollutant-specific maximum TAL (MTAL), average TAL (ATAL), and MQL values are listed in Table B-3.

- Individual sample results are compared with the applicable MTAL, if available, or the applicable MQL, whichever is greater.
- For comparison with the ATAL values, the average result from two or more samples may be used. Part II.D of the Permit defines the average as the geometric mean of applicable monitoring results at the SMA.
 - ❖ If all analytical results are below the analytical method detection level, a value of 0 may be reported. If one or more result is above the detection level, a value of one-half of the detection level shall be assigned to those results below the detection level, for calculation purposes.
 - ❖ If the average value of a specific pollutant is below its MQL, a value of 0 may be reported for the average.
 - ❖ Further, if a new or an enhanced control measure is installed, the average is calculated based on analytical results from samples taken after the control measure is installed.
- In Part I.C of the Permit, note 1 to the table of pollutant-specific TAL and MQL values states that if an individual analytical test result is smaller than the MQL listed, a value of 0 or ND (not detected) may be used for reporting and action purposes. Four pollutants do not have a Permit-specified MQL value: radium-226 + radium-228; gross-alpha radiation; Royal Demolition Explosive (RDX); and 2,4,6-trinitrotoluene (TNT). For these four pollutants that do not have a specified MQL value, individual results that are less than the laboratory reporting level are reported as <.

Analytical results meet the N3B minimum data quality objectives (DQOs) as outlined in N3B-PLN-SDM-1000, "Sample and Data Management Plan." N3B-PLN-SDM-1000 sets the validation frequency criteria at 100% Level 1 examination and Level 2 verification of data, and at 10% minimum Level 3 validation of data. A Level 1 examination assesses the completeness of the data as delivered from the analytical laboratory, identifies any reporting errors, and checks the usability of the data based on the analytical laboratory's evaluation of the data. A Level 2 verification evaluates the data to determine the extent to which the laboratory met the analytical method and the contract-specific quality control and reporting requirements. A Level 3 validation includes Levels 1 and 2 criteria and determines the effect of potential anomalies encountered during analysis and possible effects on data quality and usability. A Level 3 validation is performed manually with method-specific data validation procedures. Laboratory analytical data are validated by N3B personnel as outlined in N3B-PLN-SDM-1000; N3B-AP-SDM-3000: "General Guidelines for Data Validation"; N3B-AP-SDM-3014: "Examination and Verification of Analytical Laboratory Data"; and additional method-specific analytical data validation procedures. All associated validation procedures have been developed, where applicable, from the EPA QA/G-8 "Guidance on Environmental Data Verification and Data Validation," the Department of Defense/Department of Energy "Consolidated Quality Systems Manual for Environmental Laboratories," the EPA "National Functional Guidelines for Data Validation," and the American National Standards Institute/American Nuclear Society 41.5: "Verification and Validation of Radiological Data."

Tables B-4 presents compliance monitoring results.

Reference

LANL (Los Alamos National Laboratory), June 25, 2015. "Comments on the Draft Los Alamos National Laboratory (LANL) NPDES Storm Water Individual Permit (NM0030759)," Los Alamos National Laboratory letter (ENV-DO-15-0176) to B. Larsen (EPA Region 6) from A.M. Dorries (LANL) and C.M. Gelles (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600827)

Table B-1
Analytical Laboratory Data Qualifier Definitions

Qualifier	Definition
*	(Inorganic) The replicate analysis of this analyte was not within control limits.
B	This analyte was detected in the associated method blank and the sample.
E	(Inorganic) The serial dilution range for this analyte was exceeded. (Organic) The analyte concentration exceeded the upper level of the calibration range.
H	The required extraction or analysis holding time, or preservation, for this analyte was exceeded.
J	(Inorganic and Organic) This analyte was positively identified, but its concentration is estimated (between the method detection limit [MDL] and the practical quantitation limit).
N	(Inorganic) The associated laboratory spiked sample recovery was not within control limits for this analyte.
P	(Organic) The percent difference between an analyte's concentrations from the two columns is greater than 40%; or the analyte was detected only on one column.
U	The chemical was analyzed for but was not detected above the MDL.
X	The laboratory analyst suspected this analyte was a nondetect despite positive quantification results.

Table B-2
Validation Qualifier Definitions

Qualifier	Definition
R	The data are unusable. (Note: Analyte may or may not be present.)
J-	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample but likely to have a low bias.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample but likely to have a high bias.
UJ	The analyte was analyzed for but not detected; the associated value is an estimate.
U	The analyte was analyzed for but not detected above the reported estimated quantitation limit.
NQ	The analyte was detected at or above the required detection level; no qualification is necessary.

Table B-3
Target Action Levels

Pollutant (Total unless Otherwise Indicated)	Chemical Abstracts Service Number	STORET Code ^a	MQL (µg/L)	ATAL (µg/L)	MTAL (µg/L)
Radioactivity					
Adjusted gross alpha ^b (pCi/L)	n/a ^c	80029	n/a	15	n/a
Radium-226 and Radium-228 (pCi/L)	n/a	11503	n/a	30	n/a
Metals					
Aluminum, dissolved	7429-90-5	1106	2.5	n/a	750
Antimony, dissolved	7440-36-0	1095	60	640	n/a
Arsenic, dissolved	7440-38-2	1000	0.5	9	340
Boron, dissolved	7440-42-8	1020	100	5000	n/a

Table B-3 (continued)

Pollutant (Total unless Otherwise Indicated)	Chemical Abstracts Service Number	STORET Code ^a	MQL (µg/L)	ATAL (µg/L)	MTAL (µg/L)
Cadmium, dissolved	7440-43-9	1025	1	n/a	0.6
Chromium, dissolved	7440-47-3	1030	10	n/a	210
Cobalt, dissolved	7440-48-4	1035	50	1000	n/a
Copper, dissolved	7440-50-8	1040	0.5	n/a	4.3
Lead, dissolved	7439-92-1	1049	0.5	n/a	17
Mercury	7439-97-6	71900	0.005	0.77	1.4
Nickel, dissolved	7440-02-0	1067	0.5	n/a	170
Selenium	7782-49-2	1147	5	5	20
Silver, dissolved	7440-22-4	1075	0.5	n/a	0.4
Thallium, dissolved	7440-28-0	1057	0.5	6.3	n/a
Vanadium, dissolved	7440-62-2	1085	50	100	n/a
Zinc, dissolved	7440-66-6	1090	20	n/a	42
Cyanide					
Cyanide, weak acid dissociable	n/a	718	10	5.2	22
Dioxin					
Tetrachlorodibenzo-p-dioxin(2,3,7,8-)	1746-01-6	34675	0.00001	5.1E-08	n/a
Semivolatile Compounds					
Benzo(a)pyrene	50-32-8	34247	5	0.18	n/a
Hexachlorobenzene	118-74-1	39700	5	0.0029	
Pentachlorophenol	87-86-5	39032	5	n/a	19
Pesticides					
dichlorodiphenyltrichloroethane[4,4'-] and derivatives	50-29-3	39300	0.02	0.001	1.1
Aldrin	309-00-2	39330	0.01	0.0005	3
Alpha-endosulfan	959-98-8	34361	0.01	n/a	0.22
Beta-endosulfan	33213-65-9	34356	0.02	n/a	0.22
Chlordane	57-74-9	39350	0.2	0.0081	2.4
Dieldrin	60-57-1	39380	0.02	0.00054	0.24
Endrin	72-20-8	39390	0.02	n/a	0.086
Gamma-benzene hexachloride	58-89-9	39340	0.05	n/a	0.95
Heptachlor	76-44-8	39410	0.01	n/a	0.52
Heptachlor epoxide	1024-57-3	39420	0.01	n/a	0.52
Toxaphene	8001-35-2	39400	0.3	n/a	0.73
PCBs					
Total PCBs	1336-36-3	39516	n/a	0.00064	n/a
High Explosives					
TNT	118-96-7	81307	n/a	20	n/a
RDX	121-82-4	81364	n/a	200	n/a

^a STORET code is the ID used by the EPA STORET database to identify each chemical constituent.

^b Adjusted gross alpha means the total radioactivity from alpha-particle emission as inferred from measurements on a dry sample, including radium-226 but excluding radon-222 and uranium. Also excluded are source, special nuclear, and byproduct material as defined by the Atomic Energy Act of 1954 (subsection B of 20.6.4.7 NMAC). N3B reports the gross-alpha radiation result returned by the analytical laboratory without adjustment. Gross-alpha activity represents the largest possible value for adjusted gross-alpha activity.

^c n/a = Not applicable.

Table B-4
IP Analytical Results

Permitted Feature	SMA	Station Number	COC ^a Number	Field Sample ID	Sample Date	Field Preparation	Parameter	Result	Unit	Lab Method	Validated Date	Validation Qualifier	Detected
C004	CDB-SMA-1	SS2185	N3B-2021-2268	WT_IPC-21-221103	08/03/2021	F ^b	Aluminum	1010	µg/L	EPA:200.8	09/07/2021	NQ	Yes
C004	CDB-SMA-1	SS2185	N3B-2021-2268	WT_IPC-21-221103	08/03/2021	F	Copper	11.4	µg/L	EPA:200.8	09/07/2021	NQ	Yes
C004	CDB-SMA-1	SS2185	N3B-2021-2268	WT_IPC-21-221102	08/03/2021	UF ^c	Gross alpha	151	pCi/L	EPA:900	09/07/2021	J	Yes
C004	CDB-SMA-1	SS2185	N3B-2021-2271	WT_IPC-21-221102	08/03/2021	UF	Total PCB	0.00327	µg/L	EPA:1668C	09/20/2021	J	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Aluminum	839	µg/L	EPA:200.8	10/04/2021	NQ	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Antimony	1.00	µg/L	EPA:200.8	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Arsenic	2.00	µg/L	EPA:200.8	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Boron	24.7	µg/L	EPA:200.7	10/04/2021	J	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Cadmium	0.300	µg/L	EPA:200.8	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Chromium	3.00	µg/L	EPA:200.8	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Cobalt	1.00	µg/L	EPA:200.7	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Copper	8.87	µg/L	EPA:200.8	10/04/2021	NQ	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221104	08/26/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221104	08/26/2021	UF	Gross alpha	37.2	pCi/L	EPA:900	10/04/2021	NQ	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Lead	7.35	µg/L	EPA:200.8	10/04/2021	NQ	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221104	08/26/2021	UF	Mercury	0.0760	µg/L	EPA:245.2	10/04/2021	J	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Nickel	1.59	µg/L	EPA:200.8	10/04/2021	J	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221104	08/26/2021	UF	Radium-226 and radium-228	8.13	pCi/L	Generic:Radium by Calculation	10/04/2021	NQ	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221104	08/26/2021	UF	RDX	0.674	µg/L	SW-846:8330B	10/04/2021	NQ	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221104	08/26/2021	UF	Selenium	6.91	µg/L	EPA:200.8	10/04/2021	NQ	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Silver	0.300	µg/L	EPA:200.8	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Thallium	0.600	µg/L	EPA:200.8	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221104	08/26/2021	UF	Trinitrotoluene[2,4,6-]	0.0847	µg/L	SW-846:8330B	10/04/2021	U	No
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Vanadium	3.24	µg/L	EPA:200.7	10/04/2021	J	Yes
F001	F-SMA-2	SS152402	N3B-2021-2456	WT_IPC-21-221106	08/26/2021	F	Zinc	9.26	µg/L	EPA:200.7	10/04/2021	J	Yes
I004	PT-SMA-2	SS2658	N3B-2021-2504	WT_IPC-21-231306	08/26/2021	F	Copper	5.19	µg/L	EPA:200.8	10/04/2021	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2021-2504	WT_IPC-21-231304	08/26/2021	UF	Gross alpha	175	pCi/L	EPA:900	10/04/2021	NQ	Yes
I007	PT-SMA-4.2	SS094806	N3B-2021-2456	WT_IPC-21-221485	08/22/2021	UF	Gross alpha	46.1	pCi/L	EPA:900	10/04/2021	NQ	Yes
I007	PT-SMA-4.2	SS094806	N3B-2021-2456	WT_IPC-21-221485	08/22/2021	UF	Radium-226 and radium-228	3.00	pCi/L	Generic:Radium by Calculation	10/04/2021	NQ	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Aluminum	210	µg/L	EPA:200.8	08/30/2021	NQ	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Antimony	1.00	µg/L	EPA:200.8	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Arsenic	2.00	µg/L	EPA:200.8	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Boron	15.0	µg/L	EPA:200.7	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Cadmium	0.300	µg/L	EPA:200.8	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Chromium	3.00	µg/L	EPA:200.8	08/30/2021	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC ^a Number	Field Sample ID	Sample Date	Field Preparation	Parameter	Result	Unit	Lab Method	Validated Date	Validation Qualifier	Detected
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Cobalt	1.00	µg/L	EPA:200.7	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Copper	4.95	µg/L	EPA:200.8	08/30/2021	NQ	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230494	07/27/2021	UF	Cyanide, weak acid dissociable	0.00501	mg/L	SM:4500CN-I	08/30/2021	NQ	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230494	07/27/2021	UF	Gross alpha	27.0	pCi/L	EPA:900	08/30/2021	J	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Lead	0.504	µg/L	EPA:200.8	08/30/2021	J	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230494	07/27/2021	UF	Mercury	0.0670	µg/L	EPA:245.2	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Nickel	0.600	µg/L	EPA:200.8	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230494	07/27/2021	UF	Radium-226 and radium-228	1.72	pCi/L	Generic:Radium by Calculation	08/30/2021	NQ	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230496	07/27/2021	UF	RDX	32.3	µg/L	SW-846:8330B	08/30/2021	NQ	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230494	07/27/2021	UF	Selenium	2.00	µg/L	EPA:200.8	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Silver	0.300	µg/L	EPA:200.8	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Thallium	0.600	µg/L	EPA:200.8	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230496	07/27/2021	UF	Trinitrotoluene[2,4,6-]	0.0929	µg/L	SW-846:8330B	08/30/2021	U	No
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Vanadium	2.79	µg/L	EPA:200.7	08/30/2021	J	Yes
J003	PJ-SMA-3.05	SS172343	N3B-2021-2190	WT_IPC-21-230495	07/27/2021	F	Zinc	8.87	µg/L	EPA:200.7	08/30/2021	J	Yes
J005	PJ-SMA-5	SS24254	N3B-2021-1721	WT_IPC-21-221603	05/30/2021	F	Copper	549	µg/L	EPA:200.8	07/01/2021	NQ	Yes
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Aluminum	154	µg/L	EPA:200.8	08/30/2021	NQ	Yes
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Antimony	1.00	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Arsenic	2.00	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Benzo(a)pyrene	0.0300	µg/L	EPA:625.1	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Boron	15.0	µg/L	EPA:200.7	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Cadmium	0.300	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Chromium	3.00	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Cobalt	1.00	µg/L	EPA:200.7	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Copper	8.52	µg/L	EPA:200.8	08/30/2021	NQ	Yes
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Gross alpha	13.1	pCi/L	EPA:900	08/30/2021	J	Yes
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Hexachlorobenzene	0.00710	µg/L	SW-846:8081B	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Lead	0.500	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Mercury	0.0670	µg/L	EPA:245.2	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Nickel	0.600	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Pentachlorophenol	3.00	µg/L	EPA:625.1	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Radium-226 and radium-228	0.168	pCi/L	Generic:Radium by Calculation	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	RDX	0.101	µg/L	SW-846:8330B	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Selenium	2.00	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Silver	0.300	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Thallium	0.600	µg/L	EPA:200.8	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230497	07/27/2021	UF	Trinitrotoluene[2,4,6-]	0.101	µg/L	SW-846:8330B	08/30/2021	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC ^a Number	Field Sample ID	Sample Date	Field Preparation	Parameter	Result	Unit	Lab Method	Validated Date	Validation Qualifier	Detected
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Vanadium	1.00	µg/L	EPA:200.7	08/30/2021	U	No
J010	PJ-SMA-9	SS2427	N3B-2021-2190	WT_IPC-21-230498	07/27/2021	F	Zinc	11.2	µg/L	EPA:200.7	08/30/2021	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2021-1988	WT_IPC-21-221599	06/27/2021	F	Copper	35.3	µg/L	EPA:200.8	07/27/2021	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2021-1988	WT_IPC-21-221597	06/27/2021	UF	Gross alpha	18.8	pCi/L	EPA:900	07/27/2021	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2021-2475	WT_IPC-21-221600	08/26/2021	F	Copper	42.8	µg/L	EPA:200.8	10/04/2021	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2021-2475	WT_IPC-21-221598	08/26/2021	UF	Gross alpha	157	pCi/L	EPA:900	10/04/2021	NQ	Yes
J014	PJ-SMA-11.1	SS102334	N3B-2021-2475	WT_IPC-21-221377	08/26/2021	F	Aluminum	542	µg/L	EPA:200.8	10/04/2021	NQ	Yes
J014	PJ-SMA-11.1	SS102334	N3B-2021-2475	WT_IPC-21-221377	08/26/2021	F	Copper	37.6	µg/L	EPA:200.8	10/04/2021	NQ	Yes
J014	PJ-SMA-11.1	SS102334	N3B-2021-2475	WT_IPC-21-221376	08/26/2021	UF	Gross alpha	132	pCi/L	EPA:900	10/04/2021	NQ	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Aluminum	593	µg/L	EPA:200.8	09/27/2021	NQ	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Antimony	1.00	µg/L	EPA:200.8	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Arsenic	2.00	µg/L	EPA:200.8	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Boron	22.2	µg/L	EPA:200.7	09/27/2021	J	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Cadmium	0.300	µg/L	EPA:200.8	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Chromium	3.00	µg/L	EPA:200.8	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Cobalt	1.00	µg/L	EPA:200.7	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Copper	2.42	µg/L	EPA:200.8	09/27/2021	NQ	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221539	08/22/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221539	08/22/2021	UF	Gross alpha	44.7	pCi/L	EPA:900	09/27/2021	J	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Lead	0.500	µg/L	EPA:200.8	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221539	08/22/2021	UF	Mercury	0.107	µg/L	EPA:245.2	09/27/2021	J	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Nickel	1.62	µg/L	EPA:200.8	09/27/2021	J	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221539	08/22/2021	UF	Radium-226 and radium-228	3.59	pCi/L	Generic:Radium by Calculation	09/27/2021	J	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221539	08/22/2021	UF	Selenium	3.90	µg/L	EPA:200.8	09/27/2021	J	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Silver	0.300	µg/L	EPA:200.8	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Thallium	0.600	µg/L	EPA:200.8	09/27/2021	U	No
J025	PJ-SMA-19	SS092330	N3B-2021-2384	WT_IPC-21-221539	08/22/2021	UF	Total PCB	0.00325	µg/L	EPA:1668C	10/04/2021	J	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Vanadium	2.67	µg/L	EPA:200.7	09/27/2021	J	Yes
J025	PJ-SMA-19	SS092330	N3B-2021-2383	WT_IPC-21-221540	08/22/2021	F	Zinc	6.19	µg/L	EPA:200.7	09/27/2021	J	Yes
J030	STRM-SMA-4.2	SS173009	N3B-2021-2190	WT_IPC-21-221107	07/27/2021	F	Aluminum	569	µg/L	EPA:200.8	08/30/2021	NQ	Yes
J030	STRM-SMA-4.2	SS173009	N3B-2021-2190	WT_IPC-21-221107	07/27/2021	F	Copper	4.57	µg/L	EPA:200.8	08/30/2021	NQ	Yes
J030	STRM-SMA-4.2	SS173009	N3B-2021-2190	WT_IPC-21-221107	07/27/2021	F	Silver	0.568	µg/L	EPA:200.8	08/30/2021	J	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Aluminum	890	µg/L	EPA:200.8	10/04/2021	NQ	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Antimony	1.00	µg/L	EPA:200.8	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Arsenic	2.00	µg/L	EPA:200.8	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Boron	25.0	µg/L	EPA:200.7	10/04/2021	J	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Cadmium	0.300	µg/L	EPA:200.8	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Chromium	3.00	µg/L	EPA:200.8	10/04/2021	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC ^a Number	Field Sample ID	Sample Date	Field Preparation	Parameter	Result	Unit	Lab Method	Validated Date	Validation Qualifier	Detected
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Cobalt	1.00	µg/L	EPA:200.7	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Copper	9.21	µg/L	EPA:200.8	10/04/2021	NQ	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221235	08/26/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221235	08/26/2021	UF	Gross alpha	177	pCi/L	EPA:900	10/04/2021	NQ	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Lead	7.51	µg/L	EPA:200.8	10/04/2021	NQ	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221235	08/26/2021	UF	Mercury	0.0780	µg/L	EPA:245.2	10/04/2021	J	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Nickel	1.64	µg/L	EPA:200.8	10/04/2021	J	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221235	08/26/2021	UF	Radium-226 and radium-228	8.73	pCi/L	Generic:Radium by Calculation	10/04/2021	NQ	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221235	08/26/2021	UF	RDX	0.124	µg/L	SW-846:8330B	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221235	08/26/2021	UF	Selenium	4.61	µg/L	EPA:200.8	10/04/2021	J	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Silver	0.300	µg/L	EPA:200.8	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Thallium	0.600	µg/L	EPA:200.8	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221235	08/26/2021	UF	Trinitrotoluene[2,4,6-]	0.124	µg/L	SW-846:8330B	10/04/2021	U	No
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Vanadium	3.65	µg/L	EPA:200.7	10/04/2021	J	Yes
M022	M-SMA-13	SS205	N3B-2021-2456	WT_IPC-21-221236	08/26/2021	F	Zinc	9.99	µg/L	EPA:200.7	10/04/2021	J	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Aluminum	182	µg/L	EPA:200.8	09/07/2021	J+	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Antimony	1.00	µg/L	EPA:200.8	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Arsenic	2.00	µg/L	EPA:200.8	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Boron	27.2	µg/L	EPA:200.7	09/07/2021	J	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Cadmium	0.300	µg/L	EPA:200.8	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Chromium	3.00	µg/L	EPA:200.8	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Cobalt	1.22	µg/L	EPA:200.7	09/07/2021	J	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Copper	3.29	µg/L	EPA:200.8	09/07/2021	NQ	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221391	08/03/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221391	08/03/2021	UF	Gross alpha	312	pCi/L	EPA:900	09/07/2021	J	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Lead	0.500	µg/L	EPA:200.8	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221391	08/03/2021	UF	Mercury	0.0670	µg/L	EPA:245.2	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Nickel	1.27	µg/L	EPA:200.8	09/07/2021	J	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221391	08/03/2021	UF	Radium-226 and radium-228	1.95	pCi/L	Generic:Radium by Calculation	09/07/2021	NQ	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221391	08/03/2021	UF	RDX	0.0952	µg/L	SW-846:8330B	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221391	08/03/2021	UF	Selenium	2.00	µg/L	EPA:200.8	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Silver	0.300	µg/L	EPA:200.8	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Thallium	0.600	µg/L	EPA:200.8	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2251	WT_IPC-21-221391	08/03/2021	UF	Total PCB	0.00582	µg/L	EPA:1668C	09/07/2021	J	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221391	08/03/2021	UF	Trinitrotoluene[2,4,6-]	0.0952	µg/L	SW-846:8330B	09/07/2021	U	No
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Vanadium	1.74	µg/L	EPA:200.7	09/07/2021	J	Yes
Q001	CHQ-SMA-0.5	SS090601	N3B-2021-2255	WT_IPC-21-221393	08/03/2021	F	Zinc	3.30	µg/L	EPA:200.7	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Aluminum	110	µg/L	EPA:200.8	07/30/2021	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC ^a Number	Field Sample ID	Sample Date	Field Preparation	Parameter	Result	Unit	Lab Method	Validated Date	Validation Qualifier	Detected
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Antimony	1.00	µg/L	EPA:200.8	07/30/2021	UJ	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Arsenic	2.00	µg/L	EPA:200.8	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Boron	16.9	µg/L	EPA:200.7	07/30/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Cadmium	0.300	µg/L	EPA:200.8	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Chromium	3.00	µg/L	EPA:200.8	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Cobalt	1.00	µg/L	EPA:200.7	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Copper	5.20	µg/L	EPA:200.8	07/30/2021	NQ	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228786	05/31/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228786	05/31/2021	UF	Gross alpha	24.8	pCi/L	EPA:900	07/30/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Lead	0.500	µg/L	EPA:200.8	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228786	05/31/2021	UF	Mercury	0.121	µg/L	EPA:245.2	07/30/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Nickel	1.09	µg/L	EPA:200.8	07/30/2021	J+	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228786	05/31/2021	UF	Radium-226 and radium-228	3.15	pCi/L	Generic:Radium by Calculation	07/08/2021	NQ	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228786	05/31/2021	UF	Selenium	2.00	µg/L	EPA:200.8	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Silver	0.300	µg/L	EPA:200.8	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Thallium	0.600	µg/L	EPA:200.8	07/30/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1804	WT_IPC-21-228786	05/31/2021	UF	Total PCB	0.0194	µg/L	EPA:1668C	07/08/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Vanadium	3.44	µg/L	EPA:200.7	07/30/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-1803	WT_IPC-21-228788	05/31/2021	F	Zinc	7.76	µg/L	EPA:200.7	07/30/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Aluminum	430	µg/L	EPA:200.8	09/07/2021	J+	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Antimony	1.00	µg/L	EPA:200.8	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Arsenic	2.00	µg/L	EPA:200.8	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Boron	21.6	µg/L	EPA:200.7	09/07/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Cadmium	0.300	µg/L	EPA:200.8	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Chromium	3.00	µg/L	EPA:200.8	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Cobalt	1.66	µg/L	EPA:200.7	09/07/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Copper	8.50	µg/L	EPA:200.8	09/07/2021	NQ	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228787	08/03/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228787	08/03/2021	UF	Gross alpha	50.2	pCi/L	EPA:900	09/07/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Lead	0.647	µg/L	EPA:200.8	09/07/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228787	08/03/2021	UF	Mercury	0.0670	µg/L	EPA:245.2	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Nickel	1.19	µg/L	EPA:200.8	09/07/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228787	08/03/2021	UF	Radium-226 and radium-228	1.89	pCi/L	Generic:Radium by Calculation	09/07/2021	NQ	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228787	08/03/2021	UF	Selenium	2.00	µg/L	EPA:200.8	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Silver	0.300	µg/L	EPA:200.8	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Thallium	0.600	µg/L	EPA:200.8	09/07/2021	U	No
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2251	WT_IPC-21-228787	08/03/2021	UF	Total PCB	0.0143	µg/L	EPA:1668C	09/07/2021	J	Yes
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Vanadium	4.90	µg/L	EPA:200.7	09/07/2021	J	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC ^a Number	Field Sample ID	Sample Date	Field Preparation	Parameter	Result	Unit	Lab Method	Validated Date	Validation Qualifier	Detected
Q002A	CHQ-SMA-1.02	SS210621	N3B-2021-2255	WT_IPC-21-228789	08/03/2021	F	Zinc	7.06	µg/L	EPA:200.7	09/07/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Aluminum	269	µg/L	EPA:200.8	07/29/2021	J+	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Antimony	1.00	µg/L	EPA:200.8	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Arsenic	2.00	µg/L	EPA:200.8	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Boron	16.1	µg/L	EPA:200.7	07/29/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Cadmium	0.300	µg/L	EPA:200.8	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Chromium	3.00	µg/L	EPA:200.8	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Cobalt	1.00	µg/L	EPA:200.7	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Copper	39.5	µg/L	EPA:200.8	07/29/2021	NQ	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221403	05/31/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221403	05/31/2021	UF	Gross alpha	15.9	pCi/L	EPA:900	07/29/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Lead	0.500	µg/L	EPA:200.8	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221403	05/31/2021	UF	Mercury	0.0960	µg/L	EPA:245.2	07/29/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Nickel	0.869	µg/L	EPA:200.8	07/29/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221403	05/31/2021	UF	Radium-226 and radium-228	1.21	pCi/L	Generic:Radium by Calculation	07/06/2021	NQ	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221403	05/31/2021	UF	RDX	0.0833	µg/L	SW-846:8330B	07/29/2021	UJ	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221403	05/31/2021	UF	Selenium	2.00	µg/L	EPA:200.8	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Silver	0.300	µg/L	EPA:200.8	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Thallium	0.600	µg/L	EPA:200.8	07/29/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221403	05/31/2021	UF	Trinitrotoluene[2,4,6-]	0.0833	µg/L	SW-846:8330B	07/29/2021	UJ	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Vanadium	1.23	µg/L	EPA:200.7	07/29/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-1745	WT_IPC-21-221405	05/31/2021	F	Zinc	3.82	µg/L	EPA:200.7	07/29/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Aluminum	203	µg/L	EPA:200.8	08/25/2021	NQ	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Antimony	1.00	µg/L	EPA:200.8	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Arsenic	2.00	µg/L	EPA:200.8	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Boron	19.7	µg/L	EPA:200.7	08/25/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Cadmium	0.300	µg/L	EPA:200.8	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Chromium	3.00	µg/L	EPA:200.8	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Cobalt	1.00	µg/L	EPA:200.7	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Copper	38.9	µg/L	EPA:200.8	08/25/2021	NQ	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221439	07/25/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221439	07/25/2021	UF	Gross alpha	30.1	pCi/L	EPA:900	08/25/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Lead	0.500	µg/L	EPA:200.8	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221439	07/25/2021	UF	Mercury	0.0670	µg/L	EPA:245.2	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Nickel	0.600	µg/L	EPA:200.8	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221439	07/25/2021	UF	Radium-226 and radium-228	0.918	pCi/L	Generic:Radium by Calculation	08/25/2021	NQ	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221439	07/25/2021	UF	RDX	0.101	µg/L	SW-846:8330B	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221439	07/25/2021	UF	Selenium	2.00	µg/L	EPA:200.8	08/25/2021	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC ^a Number	Field Sample ID	Sample Date	Field Preparation	Parameter	Result	Unit	Lab Method	Validated Date	Validation Qualifier	Detected
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Silver	0.300	µg/L	EPA:200.8	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Thallium	0.600	µg/L	EPA:200.8	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221439	07/25/2021	UF	Trinitrotoluene[2,4,6-]	0.101	µg/L	SW-846:8330B	08/25/2021	U	No
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Vanadium	1.83	µg/L	EPA:200.7	08/25/2021	J	Yes
Q009	CHQ-SMA-6	SS3377	N3B-2021-2162	WT_IPC-21-221437	07/25/2021	F	Zinc	5.58	µg/L	EPA:200.7	08/25/2021	J	Yes
S016	S-SMA-6	SS171637	N3B-2021-2504	WT_IPC-21-221793	08/26/2021	F	Aluminum	389	µg/L	EPA:200.8	10/04/2021	NQ	Yes
S016	S-SMA-6	SS171637	N3B-2021-2504	WT_IPC-21-221793	08/26/2021	F	Copper	33.1	µg/L	EPA:200.8	10/04/2021	NQ	Yes
S016	S-SMA-6	SS171637	N3B-2021-2504	WT_IPC-21-221611	08/26/2021	UF	Gross alpha	156	pCi/L	EPA:900	10/04/2021	NQ	Yes
S016	S-SMA-6	SS171637	N3B-2021-2504	WT_IPC-21-221793	08/26/2021	F	Lead	42.1	µg/L	EPA:200.8	10/04/2021	NQ	Yes
S016	S-SMA-6	SS171637	N3B-2021-2505	WT_IPC-21-221611	08/26/2021	UF	Total PCB	0	µg/L	EPA:1668C	10/13/2021	U	No
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Aluminum	1390	µg/L	EPA:200.8	10/04/2021	NQ	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Antimony	1.00	µg/L	EPA:200.8	10/04/2021	U	No
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Arsenic	2.00	µg/L	EPA:200.8	10/04/2021	U	No
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Boron	17.1	µg/L	EPA:200.7	10/04/2021	J	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Cadmium	0.300	µg/L	EPA:200.8	10/04/2021	U	No
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Chromium	3.00	µg/L	EPA:200.8	10/04/2021	U	No
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Cobalt	2.69	µg/L	EPA:200.7	10/04/2021	J	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Copper	5.13	µg/L	EPA:200.8	10/04/2021	NQ	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221542	08/26/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	10/04/2021	U	No
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221542	08/26/2021	UF	Gross alpha	93.5	pCi/L	EPA:900	10/04/2021	NQ	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Lead	6.99	µg/L	EPA:200.8	10/04/2021	NQ	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221542	08/26/2021	UF	Mercury	0.0750	µg/L	EPA:245.2	10/04/2021	J	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Nickel	2.88	µg/L	EPA:200.8	10/04/2021	NQ	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221542	08/26/2021	UF	Radium-226 and radium-228	6.58	pCi/L	Generic:Radium by Calculation	10/04/2021	NQ	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221542	08/26/2021	UF	Selenium	8.15	µg/L	EPA:200.8	10/04/2021	NQ	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Silver	0.300	µg/L	EPA:200.8	10/04/2021	U	No
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Thallium	0.600	µg/L	EPA:200.8	10/04/2021	U	No
T002	T-SMA-1	SS193725	N3B-2021-2458	WT_IPC-21-221542	08/26/2021	UF	Total PCB	0.00434	µg/L	EPA:1668C	10/04/2021	J	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Vanadium	9.03	µg/L	EPA:200.7	10/04/2021	NQ	Yes
T002	T-SMA-1	SS193725	N3B-2021-2456	WT_IPC-21-221543	08/26/2021	F	Zinc	17.0	µg/L	EPA:200.7	10/04/2021	J	Yes
V013	CDV-SMA-7	SS252625	N3B-2021-2536	WT_IPC-21-221585	08/26/2021	UF	Gross alpha	113	pCi/L	EPA:900	10/04/2021	J	Yes
V016	CDV-SMA-9.05	SS090412	N3B-2021-2475	WT_IPC-21-221589	08/26/2021	UF	Gross alpha	4.83	pCi/L	EPA:900	10/04/2021	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Aluminum	193	µg/L	EPA:200.8	07/29/2021	J+	Yes
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Antimony	1.00	µg/L	EPA:200.8	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Arsenic	2.00	µg/L	EPA:200.8	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Boron	15.0	µg/L	EPA:200.7	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Cadmium	0.300	µg/L	EPA:200.8	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Chromium	3.00	µg/L	EPA:200.8	07/29/2021	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC ^a Number	Field Sample ID	Sample Date	Field Preparation	Parameter	Result	Unit	Lab Method	Validated Date	Validation Qualifier	Detected
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Cobalt	1.00	µg/L	EPA:200.7	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Copper	2.68	µg/L	EPA:200.8	07/29/2021	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221285	05/30/2021	UF	Cyanide, weak acid dissociable	0.00167	mg/L	SM:4500CN-I	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221285	05/30/2021	UF	Gross alpha	63.4	pCi/L	EPA:900	07/29/2021	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Lead	0.500	µg/L	EPA:200.8	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221285	05/30/2021	UF	Mercury	0.0930	µg/L	EPA:245.2	07/29/2021	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Nickel	0.639	µg/L	EPA:200.8	07/29/2021	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221285	05/30/2021	UF	Radium-226 and radium-228	3.25	pCi/L	Generic:Radium by Calculation	07/06/2021	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221285	05/30/2021	UF	Selenium	2.00	µg/L	EPA:200.8	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Silver	0.300	µg/L	EPA:200.8	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Thallium	0.600	µg/L	EPA:200.8	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Vanadium	1.00	µg/L	EPA:200.7	07/29/2021	U	No
W009	W-SMA-7.8	SS103931	N3B-2021-1745	WT_IPC-21-221286	05/30/2021	F	Zinc	7.36	µg/L	EPA:200.7	07/29/2021	J	Yes
W019	W-SMA-11.7	SS103935	N3B-2021-2536	WT_IPC-21-221482	08/26/2021	F	Aluminum	4760	µg/L	EPA:200.8	10/04/2021	J+	Yes
W019	W-SMA-11.7	SS103935	N3B-2021-2536	WT_IPC-21-221481	08/26/2021	UF	Gross alpha	49.9	pCi/L	EPA:900	10/04/2021	J	Yes

^a COC = Chain of custody.

^b F = Filtered.

^c UF = Unfiltered.

Appendix C

Compliance Status Reports



Surface Water Program

To/MS: Memo to File
 From/MS: Steve Veenis
 Phone/Fax: (505) 309-1362
 Symbol: N3B-SWP-22-001
 Date: February 4, 2022

CERTIFICATION SIGNATURE OF INDIVIDUAL PERMIT COMPLIANCE STATUS REPORTS for January 1, 2021, to December 31, 2021, Reporting Period

Per the U.S. Environmental Protection Agency-issued National Pollutant Discharge Elimination System Individual Permit for storm water discharges from Los Alamos National Laboratory, No. NM0030759, a signature of the principal executive officer of the Permittees shall be included on all compliance status reports.

This memo serves as the certification for the compliance status reports for the reporting period from January 1, 2021, to December 31, 2021, for the following 250 site monitoring areas (SMAs):

SMA	Permitted Feature
2M-SMA-1	E001
2M-SMA-1.42	E002
2M-SMA-1.43	E003
2M-SMA-1.44	E004
2M-SMA-1.45	E005
2M-SMA-1.5	E006
2M-SMA-1.65	E007
2M-SMA-1.67	E008
2M-SMA-1.7	E009
2M-SMA-1.8	E010
2M-SMA-1.9	E011
2M-SMA-2	E012
2M-SMA-2.2	E013
2M-SMA-2.5	E015
2M-SMA-3	E014
3M-SMA-0.2	H001
3M-SMA-0.4	H002
3M-SMA-0.5	H003
3M-SMA-0.6	H004
3M-SMA-2.6	H005
3M-SMA-4	H006
A-SMA-1.1	A001
A-SMA-2	A002
A-SMA-2.5	A003
A-SMA-2.7	A004
A-SMA-2.8	A005

SMA	Permitted Feature
A-SMA-3	A006
A-SMA-3.5	A007
A-SMA-4	A008
A-SMA-6	A009
ACID-SMA-1.05	P001
ACID-SMA-2	P002
ACID-SMA-2.01	P002A
ACID-SMA-2.1	P003
B-SMA-0.5	B001
B-SMA-1	B002
CDB-SMA-0.15	C001
CDB-SMA-0.25	C002
CDB-SMA-0.55	C003
CDB-SMA-1	C004
CDB-SMA-1.15	C005
CDB-SMA-1.35	C006
CDB-SMA-1.54	C007
CDB-SMA-1.55	C008
CDB-SMA-1.65	C009
CDB-SMA-4	C010
CDV-SMA-1.2	V001
CDV-SMA-1.3	V002
CDV-SMA-1.4	V003
CDV-SMA-1.45	V004
CDV-SMA-1.7	V005
CDV-SMA-2	V006
CDV-SMA-2.3	V007
CDV-SMA-2.41	V008
CDV-SMA-2.42	V008A
CDV-SMA-2.5	V009
CDV-SMA-2.51	V009A
CDV-SMA-3	V010
CDV-SMA-4	V011
CDV-SMA-6.01	V012
CDV-SMA-6.02	V012A
CDV-SMA-7	V013
CDV-SMA-8	V014
CDV-SMA-8.5	V015
CDV-SMA-9.05	V016
CHQ-SMA-0.5	Q001
CHQ-SMA-1.01	Q002
CHQ-SMA-1.02	Q002A
CHQ-SMA-1.03	Q002B
CHQ-SMA-2	Q003
CHQ-SMA-3.05	Q004

SMA	Permitted Feature
CHQ-SMA-4	Q005
CHQ-SMA-4.1	Q006
CHQ-SMA-4.5	Q007
CHQ-SMA-5.05	Q008
CHQ-SMA-6	Q009
CHQ-SMA-7.1	Q010
DP-SMA-0.3	D001
DP-SMA-0.4	D002
DP-SMA-0.6	D003
DP-SMA-1	D004
DP-SMA-2	D005
DP-SMA-2.35	D006
DP-SMA-3	D007
DP-SMA-4	D008
F-SMA-2	F001
LA-SMA-0.85	L001
LA-SMA-0.9	L002
LA-SMA-1	L003
LA-SMA-1.1	L004
LA-SMA-1.25	L005
LA-SMA-2.1	L006
LA-SMA-2.3	L007
LA-SMA-3.1	L008
LA-SMA-3.9	L009
LA-SMA-4.1	L010
LA-SMA-4.2	L011
LA-SMA-5.01	L012
LA-SMA-5.02	L012A
LA-SMA-5.2	L013
LA-SMA-5.31	L015
LA-SMA-5.33	L016
LA-SMA-5.35	L014
LA-SMA-5.361	L017
LA-SMA-5.362	L017A
LA-SMA-5.51	L018
LA-SMA-5.52	L018A
LA-SMA-5.53	L018B
LA-SMA-5.54	L018C
LA-SMA-5.91	L019
LA-SMA-5.92	L019A
LA-SMA-6.25	L020
LA-SMA-6.27	L021
LA-SMA-6.3	L022
LA-SMA-6.31	L022A
LA-SMA-6.32	L023

SMA	Permitted Feature
LA-SMA-6.34	L024
LA-SMA-6.36	L025
LA-SMA-6.38	L026
LA-SMA-6.395	L027
LA-SMA-6.5	L028
LA-SMA-9	L029
LA-SMA-10.11	L030
LA-SMA-10.12	L030A
M-SMA-1	M001
M-SMA-1.2	M002
M-SMA-1.21	M002A
M-SMA-1.22	M002B
M-SMA-3	M003
M-SMA-3.1	M004
M-SMA-3.5	M005
M-SMA-4	M006
M-SMA-5	M007
M-SMA-6	M008
M-SMA-7	M009
M-SMA-7.9	M010
M-SMA-9.1	M011
M-SMA-10	M012
M-SMA-10.01	M012A
M-SMA-10.3	M013
M-SMA-11.1	M014
M-SMA-12	M015
M-SMA-12.5	M016
M-SMA-12.6	M017
M-SMA-12.7	M018
M-SMA-12.8	M019
M-SMA-12.9	M020
M-SMA-12.92	M021
M-SMA-13	M022
P-SMA-0.3	P004
P-SMA-1	P005
P-SMA-2	P006
P-SMA-2.15	P007
P-SMA-2.2	P008
P-SMA-3.05	P009
PJ-SMA-1.05	J001
PJ-SMA-2	J002
PJ-SMA-3.05	J003
PJ-SMA-4.05	J004
PJ-SMA-5	J005
PJ-SMA-5.1	J006

SMA	Permitted Feature
PJ-SMA-6	J007
PJ-SMA-7	J008
PJ-SMA-8	J009
PJ-SMA-9	J010
PJ-SMA-10	J012
PJ-SMA-11	J013
PJ-SMA-11.1	J014
PJ-SMA-13	J015
PJ-SMA-13.7	J016
PJ-SMA-14	J017
PJ-SMA-14.2	J018
PJ-SMA-14.3	J019
PJ-SMA-14.4	J020
PJ-SMA-14.6	J021
PJ-SMA-14.8	J022
PJ-SMA-16	J023
PJ-SMA-17	J024
PJ-SMA-18	J026
PJ-SMA-19	J025
PJ-SMA-20	J027
Pratt-SMA-1.05	T001
PT-SMA-0.5	I001
PT-SMA-1	I002
PT-SMA-1.7	I003
PT-SMA-2	I004
PT-SMA-2.01	I004A
PT-SMA-3	I005
PT-SMA-4.2	I007
R-SMA-0.5	R001
R-SMA-1	R002
R-SMA-1.95	R003
R-SMA-2.05	R004
R-SMA-2.3	R005
R-SMA-2.5	R006
S-SMA-0.25	S001
S-SMA-1.1	S002
S-SMA-2	S003
S-SMA-2.01	S003A
S-SMA-2.8	S004
S-SMA-3.51	S005
S-SMA-3.52	S005A
S-SMA-3.53	S005B
S-SMA-3.6	S006
S-SMA-3.7	S007
S-SMA-3.71	S008

SMA	Permitted Feature
S-SMA-3.72	S009
S-SMA-3.95	S010
S-SMA-4.1	S011
S-SMA-4.5	S012
S-SMA-5	S013
S-SMA-5.2	S014
S-SMA-5.5	S015
S-SMA-6	S016
STRM-SMA-1.05	J028
STRM-SMA-1.5	J029
STRM-SMA-4.2	J030
STRM-SMA-5.05	J031
T-SMA-1	T002
T-SMA-2.5	T003
T-SMA-2.85	T004
T-SMA-3	T005
T-SMA-4	T006
T-SMA-5	T007
T-SMA-6.8	T008
T-SMA-7	T009
T-SMA-7.1	T010
W-SMA-1	W001
W-SMA-1.5	W002
W-SMA-2.05	W003
W-SMA-3.5	W004
W-SMA-4.1	W005
W-SMA-5	W006
W-SMA-6	W007
W-SMA-7	W008
W-SMA-7.8	W009
W-SMA-7.9	W010
W-SMA-8	W011
W-SMA-8.7	W012
W-SMA-8.71	W012A
W-SMA-9.05	W013
W-SMA-9.5	W014
W-SMA-9.7	W015
W-SMA-9.8	W016
W-SMA-9.9	W017
W-SMA-10	W018
W-SMA-11.7	W019
W-SMA-12.05	W020
W-SMA-14.1	W021
W-SMA-15.1	W022

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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed 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 that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations."

Name of Delegated Official of Permittees: Steve Veenis

Z#: 109949

Delegated Official Signature: 

Table C-1
CSR Result Description Definitions

Result Description	Definition
D: ATAL	Parameter was detected and compared against the average target action level.
D: MQL	Parameter was detected and compared against the minimum quantification level.
D: MTAL	Parameter was detected and compared against the maximum target action level.
ND: ATAL	Parameter was not detected and compared against the average target action level.
ND: MQL	Parameter was not detected and compared against the minimum quantification level.
ND: MTAL	Parameter was not detected and compared against the maximum target action level.

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E001	Site Monitoring Area No. 2M-SMA-1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	E00102040026 : Established Vegetation	BCM	–	04/23/2013
–	–	–	–	–	–	E00103010014 : Earthen Berm	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00103110035 : Eco-Block	CA	–	06/17/2019
–	–	–	–	–	–	E00103120034 : Rock Berm	CA	–	11/04/2015
–	–	–	–	–	–	E00104060010 : Rip Rap	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	E00104060011 : Rip Rap	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	E00104060033 : Rip Rap	CA	–	11/04/2015
–	–	–	–	–	–	E00105020013 : Sediment Basin	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010007 : Rock Check Dam	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	E00106010008 : Rock Check Dam	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	E00106010009 : Rock Check Dam	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	E00106010017 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010018 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010019 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010020 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010021 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010022 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010023 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010024 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010025 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00106010028 : Rock Check Dam	CA	–	06/19/2015
–	–	–	–	–	–	E00106010029 : Rock Check Dam	CA	–	06/19/2015

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	E00106020031 : Log Check Dam	CA	–	11/18/2015
–	–	–	–	–	–	E00106020032 : Log Check Dam	CA	–	11/18/2015

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E002	Site Monitoring Area No. 2M-SMA-1.42	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E00202040015 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	E00203010011 : Earthen Berm	CA	07/27/2012	06/27/2012
—	—	—	—	—	—	E00203010012 : Earthen Berm	CA	07/27/2012	06/27/2012
—	—	—	—	—	—	E00203010014 : Earthen Berm	CA	07/27/2012	06/27/2012
—	—	—	—	—	—	E00203120003 : Rock Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E00206010006 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E00206010007 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E00206010008 : Rock Check Dam	BCM	04/29/2011	12/13/2010
Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 02/26/2016.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E003	Site Monitoring Area No. 2M-SMA-1.43	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E00302040005 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	E00306010003 : Rock Check Dam	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E004	Site Monitoring Area No. 2M-SMA-1.44	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	E00402040008 : Established Vegetation	BCM	–	04/23/2013
–	–	–	–	–	–	E00403010006 : Earthen Berm	CA	07/27/2012	06/27/2012
–	–	–	–	–	–	E00403010011 : Earthen Berm	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	E00403010015 : Earthen Berm	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	E00403060019 : Straw Wattle	CA	–	08/07/2015
–	–	–	–	–	–	E00403060020 : Straw Wattle	CA	–	08/07/2015
–	–	–	–	–	–	E00403060021 : Straw Wattle	CA	–	08/07/2015
–	–	–	–	–	–	E00403060023 : Straw Wattle	CA	–	08/07/2015
–	–	–	–	–	–	E00403060024 : Straw Wattle	CA	–	08/07/2015
–	–	–	–	–	–	E00403060027 : Straw Wattle	CA	–	10/30/2015
–	–	–	–	–	–	E00403140016 : Coir Log	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	E00403140028 : Coir Log	CA	–	09/28/2021
–	–	–	–	–	–	E00404060012 : Rip Rap	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	E00406010009 : Rock Check Dam	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	E00406010010 : Rock Check Dam	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	E00406010013 : Rock Check Dam	CA	10/04/2015	09/04/2015

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	E00406010014 : Rock Check Dam	CA	10/04/2015	09/04/2015
Comments: The sampler was activated for corrective action monitoring on 03/17/2021. The sampler was found to be inoperable due to equipment failure on 05/27/2021 and was last known to be operable at the previous inspection on 05/04/2021 (inoperable up to 23 d). The sampler was shut down for winter on 11/16/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E005	Site Monitoring Area No. 2M-SMA-1.45	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E00502040018 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	E00503010014 : Earthen Berm	BCM	—	10/31/2011
—	—	—	—	—	—	E00503010015 : Earthen Berm	BCM	—	10/31/2011
—	—	—	—	—	—	E00503010016 : Earthen Berm	CA	09/20/2012	08/21/2012
—	—	—	—	—	—	E00503010017 : Earthen Berm	CA	09/20/2012	08/21/2012

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 09/08/2015 with certification of completion of corrective action under E.2(a).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E006	Site Monitoring Area No. 2M-SMA-1.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E00602040005 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	E00603060007 : Straw Wattle	BCM	—	09/14/2020
—	—	—	—	—	—	E00604040002 : Culvert	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 04/01/2021. The sampler was shut down for winter on 11/12/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E007	Site Monitoring Area No. 2M-SMA-1.65	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	E00702040011 : Established Vegetation	BCM	–	05/07/2013
–	–	–	–	–	–	E00703010010 : Earthen Berm	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00706010006 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00706010007 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00706010008 : Rock Check Dam	CA	08/19/2012	07/20/2012
–	–	–	–	–	–	E00706010009 : Rock Check Dam	CA	08/19/2012	07/20/2012

Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E008	Site Monitoring Area No. 2M-SMA-1.67	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E00802040016 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	E00803010014 : Earthen Berm	BCM	—	10/31/2011
—	—	—	—	—	—	E00803010015 : Earthen Berm	BCM	—	10/31/2011

Comments: The sampler was activated for baseline monitoring on 04/01/2021. On 06/28/2021 the sampler was found to have attempted a sample collection at an undocumented time. The collection attempt date was estimated as 06/27/2021 using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. There was no period of inoperability with this event. A sample of insufficient volume was collected on 07/27/2021 and the sampler was reset for continued monitoring on 08/24/2021 (inoperable 28 d). The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E009	Site Monitoring Area No. 2M-SMA-1.7	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E00902040009 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	E00903010008 : Earthen Berm	CA	08/26/2012	07/27/2012
—	—	—	—	—	—	E00903120005 : Rock Berm	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E010	Site Monitoring Area No. 2M-SMA-1.8	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E01002040010 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	E01003040003 : Asphalt Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E01003100012 : Gravel Bags	CA	—	08/23/2016
—	—	—	—	—	—	E01006010004 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E01006010005 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E01006010006 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E01006010007 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E011	Site Monitoring Area No. 2M-SMA-1.9	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E01103090001 : Curbing	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E01103100003 : Gravel Bags	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E01103100006 : Gravel Bags	CA	—	08/09/2018

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E012	Site Monitoring Area No. 2M-SMA-2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E01202040015 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	E01203090006 : Curbing	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E01205020014 : Sediment Basin	CA	06/01/2013	05/02/2013

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E013	Site Monitoring Area No. 2M-SMA-2.2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	E01303090002 : Curbing	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	E01304020003 : Concrete/Asphalt Channel/Swale	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	E01306010004 : Rock Check Dam	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	E01306010005 : Rock Check Dam	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) on 09/29/2015. The sample required under E.1(b) was collected on 07/01/2016.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E015	Site Monitoring Area No. 2M-SMA-2.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E01502040006 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	E01503010004 : Earthen Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	E01503010005 : Earthen Berm	BCM	04/29/2011	12/13/2010

Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: E014	Site Monitoring Area No. 2M-SMA-3	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	E01402040013 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	E01403010028 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	E01403010029 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	E01403060030 : Straw Wattle	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	E01403140022 : Coir Log	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	E01403140023 : Coir Log	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	E01403140024 : Coir Log	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	E01403140031 : Coir Log	CA	—	09/09/2015
—	—	—	—	—	—	E01403140034 : Coir Log	CA	—	07/14/2021
—	—	—	—	—	—	E01403140035 : Coir Log	CA	—	07/14/2021
—	—	—	—	—	—	E01406010025 : Rock Check Dam	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	E01406010026 : Rock Check Dam	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	E01406010027 : Rock Check Dam	CA	10/04/2015	09/04/2015

Comments: The sampler was activated for corrective action monitoring on 04/05/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: H001	Site Monitoring Area No. 3M-SMA-0.2	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	H00102040006 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	H00103010005 : Earthen Berm	BCM	—	09/15/2011
—	—	—	—	—	—	H00103010010 : Earthen Berm	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	H00106010002 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	H00106010007 : Rock Check Dam	BCM	—	12/04/2015
—	—	—	—	—	—	H00106010008 : Rock Check Dam	BCM	—	12/04/2015
—	—	—	—	—	—	H00106010009 : Rock Check Dam	BCM	—	12/04/2015

Comments: The sampler was activated for corrective action monitoring on 07/13/2021. The sampler was shut down for winter on 11/08/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: H002	Site Monitoring Area No. 3M-SMA-0.4	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	H00202040005 : Established Vegetation	BCM	–	05/13/2013
–	–	–	–	–	–	H00203010003 : Earthen Berm	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	H00203010004 : Earthen Berm	BCM	–	09/15/2011
–	–	–	–	–	–	H00203100014 : Gravel Bags	CA	–	03/30/2016
–	–	–	–	–	–	H00203120008 : Rock Berm	CA	–	10/06/2014
–	–	–	–	–	–	H00203120009 : Rock Berm	CA	–	10/06/2014
–	–	–	–	–	–	H00203120010 : Rock Berm	CA	–	10/06/2014
–	–	–	–	–	–	H00203120011 : Rock Berm	CA	–	10/06/2014
–	–	–	–	–	–	H00203120015 : Rock Berm	CA	–	03/30/2016
–	–	–	–	–	–	H00203120016 : Rock Berm	CA	–	03/30/2016
–	–	–	–	–	–	H00203140017 : Coir Log	CA	–	09/19/2018
–	–	–	–	–	–	H00205020007 : Sediment Basin	CA	–	10/06/2014
–	–	–	–	–	–	H00208020006 : Rock Cap	BCM	–	11/19/2013

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: H003	Site Monitoring Area No. 3M-SMA-0.5	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	H00302040017 : Established Vegetation	BCM	–	05/08/2013
–	–	–	–	–	–	H00303010030 : Earthen Berm	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00304060001 : Rip Rap	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	H00304060004 : Rip Rap	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	H00304060018 : Rip Rap	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010002 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	H00306010005 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	H00306010006 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	H00306010012 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	H00306010016 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	H00306010019 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010020 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010021 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010022 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010023 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010024 : Rock Check Dam	CA	11/27/2015	10/28/2015

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	H00306010025 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010026 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010027 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010028 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	H00306010029 : Rock Check Dam	CA	11/27/2015	10/28/2015
Comments: The sampler was activated for corrective action monitoring on 04/01/2021. The sampler was shut down for winter on 10/29/2021.									

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: H004	Site Monitoring Area No. 3M-SMA-0.6	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	H00401050036 : Gravel Mulch	BCM	—	02/24/2020
—	—	—	—	—	—	H00402040029 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	H00403010030 : Earthen Berm	CA	—	10/25/2017
—	—	—	—	—	—	H00403060008 : Straw Wattle	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	H00403060031 : Straw Wattle	BCM	—	02/24/2020
—	—	—	—	—	—	H00403060032 : Straw Wattle	BCM	—	02/24/2020
—	—	—	—	—	—	H00403060033 : Straw Wattle	BCM	—	02/24/2020
—	—	—	—	—	—	H00403060034 : Straw Wattle	BCM	—	02/24/2020
—	—	—	—	—	—	H00403060035 : Straw Wattle	BCM	—	02/24/2020

Comments: The sampler was activated for baseline monitoring on 04/01/2021. The sampler was shut down for winter on 10/29/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: H005	Site Monitoring Area No. 3M-SMA-2.6	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	H00502040007 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	H00503120005 : Rock Berm	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	H00504040003 : Culvert	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	H00506010006 : Rock Check Dam	BCM	04/29/2011	03/29/2011

Comments: The sampler was activated for baseline monitoring on 03/18/2021. The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: H006	Site Monitoring Area No. 3M-SMA-4	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	H00602040010 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	H00604020009 : Concrete/Asphalt Channel/Swale	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	H00604060005 : Rip Rap	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	H00604060013 : Rip Rap	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	H00604060015 : Rip Rap	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	H00606010011 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	H00607010002 : Gabion	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	H00607010012 : Gabion	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	H00607010014 : Gabion	CA	11/27/2015	10/28/2015

Comments: No confirmation monitoring was conducted in 2021. Corrective action monitoring was completed on 01/12/2018. Alternative compliance was requested at all associated Site(s) on 04/22/2019.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A001	Site Monitoring Area No. A-SMA-1.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	A00102040006 : Established Vegetation	BCM	—	05/13/2013
—	—	—	—	—	—	A00103010005 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	A00104060010 : Rip Rap	CA	12/07/2021	12/07/2021
—	—	—	—	—	—	A00106010007 : Rock Check Dam	CA	12/07/2021	12/07/2021
—	—	—	—	—	—	A00106010008 : Rock Check Dam	CA	12/07/2021	12/07/2021
—	—	—	—	—	—	A00106010009 : Rock Check Dam	CA	12/07/2021	12/07/2021

Comments: No confirmation monitoring was conducted in 2021. Installation of enhanced controls as a corrective action was certified on 12/7/2021. Corrective action monitoring will begin in 2022.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A002	Site Monitoring Area No. A-SMA-2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	A00202040017 : Established Vegetation	BCM	—	05/13/2013
—	—	—	—	—	—	A00203010041 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00203010042 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00203010043 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00203020051 : Base Course Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00203150047 : Redi-Rock Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00204040046 : Culvert	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00204040049 : Culvert	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00204050053 : Water Bar	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00204060004 : Rip Rap	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	A00204080045 : TRM-Lined Swale	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00204080048 : TRM-Lined Swale	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00204080052 : TRM-Lined Swale	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	A00205020050 : Sediment Basin	CA	09/09/2015	08/10/2015

Comments: No confirmation monitoring was conducted in 2021. Construction of enhanced controls was completed in 2021 and are scheduled for certification in the winter of 2021/2022.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A003	Site Monitoring Area No. A-SMA-2.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	A00302040007 : Established Vegetation	BCM	—	05/13/2013
—	—	—	—	—	—	A00303010003 : Earthen Berm	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	A00303010010 : Earthen Berm	BCM	—	05/17/2017
—	—	—	—	—	—	A00303060008 : Straw Wattle	BCM	—	07/19/2013
—	—	—	—	—	—	A00303060009 : Straw Wattle	BCM	—	07/19/2013
—	—	—	—	—	—	A00304060014 : Rip Rap	BCM	—	05/17/2017
—	—	—	—	—	—	A00304080015 : TRM-Lined Swale	BCM	—	05/17/2017
—	—	—	—	—	—	A00307010012 : Gabion	BCM	—	05/17/2017
—	—	—	—	—	—	A00307010013 : Gabion	BCM	—	05/17/2017
—	—	—	—	—	—	A00307020011 : Gabion Blanket	BCM	—	05/17/2017

Comments: The sampler was activated for baseline monitoring on 03/31/2021. The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A004	Site Monitoring Area No. A-SMA-2.7	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	A00402040017 : Established Vegetation	BCM	—	05/13/2013
—	—	—	—	—	—	A00403010013 : Earthen Berm	CA	09/22/2012	08/23/2012
—	—	—	—	—	—	A00403010014 : Earthen Berm	CA	09/22/2012	08/23/2012
—	—	—	—	—	—	A00403010015 : Earthen Berm	CA	09/22/2012	08/23/2012
—	—	—	—	—	—	A00403010016 : Earthen Berm	CA	09/22/2012	08/23/2012
Comments: The sampler was activated for corrective action monitoring on 03/31/2021. The sampler attempted but was unable to collect on 09/30/2021 and was reset for continued monitoring on 10/01/2021 (inoperable 1 d). The sampler was shut down for winter on 11/01/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A005	Site Monitoring Area No. A-SMA-2.8	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	A00501010004 : Seed and Wood Mulch	BCM	–	05/22/2012
–	–	–	–	–	–	A00503010002 : Earthen Berm	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00508020005 : Rock Cap	BCM	–	10/14/2014

Comments: The sampler was activated for baseline monitoring on 03/31/2021. The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A006	Site Monitoring Area No. A-SMA-3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	A00602040018 : Established Vegetation	BCM	–	05/13/2013
–	–	–	–	–	–	A00603020023 : Base Course Berm	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	A00603120017 : Rock Berm	BCM	–	05/23/2012
–	–	–	–	–	–	A00603140037 : Coir Log	BCM	–	08/29/2018
–	–	–	–	–	–	A00603150027 : Redi-Rock Berm	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	A00603150035 : Redi-Rock Berm	CA	–	05/30/2017
–	–	–	–	–	–	A00604010022 : Earthen Channel/Swale	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	A00604030025 : Rock Channel/Swale	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	A00604060024 : Rip Rap	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	A00606010010 : Rock Check Dam	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	A00606010011 : Rock Check Dam	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	A00606010019 : Rock Check Dam	BCM	–	11/26/2013
–	–	–	–	–	–	A00606010031 : Rock Check Dam	CA	–	05/30/2017
–	–	–	–	–	–	A00606010032 : Rock Check Dam	CA	–	05/30/2017
–	–	–	–	–	–	A00606010033 : Rock Check Dam	CA	–	05/30/2017
–	–	–	–	–	–	A00606010034 : Rock Check Dam	CA	–	05/30/2017

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	A00606010038 : Rock Check Dam	CA	12/07/2021	12/07/2021
–	–	–	–	–	–	A00608020029 : Rock Cap	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	A00608020030 : Rock Cap	CA	–	08/09/2016
–	–	–	–	–	–	A00608020036 : Rock Cap	CA	–	05/30/2017
Comments: No confirmation monitoring was conducted in 2021. Construction of enhanced controls was completed in 2021 and are scheduled for certification in the winter of 2021/2022.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A007	Site Monitoring Area No. A-SMA-3.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	A00702040003 : Established Vegetation	BCM	—	05/13/2013
—	—	—	—	—	—	A00703060007 : Straw Wattle	BCM	—	12/21/2020
—	—	—	—	—	—	A00703060008 : Straw Wattle	BCM	—	12/21/2020

Comments: The sampler was activated for baseline monitoring on 04/01/2021. The sampler was shut down for winter on 11/15/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A008	Site Monitoring Area No. A-SMA-4	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	A00802040010 : Established Vegetation	BCM	—	05/06/2013
—	—	—	—	—	—	A00803010007 : Earthen Berm	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	A00803010009 : Earthen Berm	BCM	—	05/20/2011
—	—	—	—	—	—	A00806010003 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	A00806010004 : Rock Check Dam	BCM	04/29/2011	01/12/2011

Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed on 07/23/2018. Alternative compliance was requested at all associated Site(s) on 10/27/2020.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: A009	Site Monitoring Area No. A-SMA-6	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	A00902040023 : Established Vegetation	BCM	–	05/06/2013
–	–	–	–	–	–	A00903010021 : Earthen Berm	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00904020007 : Concrete/Asphalt Channel/Swale	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00904060005 : Rip Rap	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010008 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010009 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010010 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010011 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010012 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010013 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010014 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010015 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010016 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010017 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010018 : Rock Check Dam	BCM	04/29/2011	01/12/2011
–	–	–	–	–	–	A00906010019 : Rock Check Dam	BCM	04/29/2011	01/12/2011

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	A00906010020 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P001	Site Monitoring Area No. ACID-SMA-1.05	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	P00103010005 : Earthen Berm	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	P00103090003 : Curbing	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	P00104040004 : Culvert	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 04/01/2021. The sampler was found to be inoperable due to equipment failure on 06/28/2021 with a recorded loss of power on 06/26/2021 (inoperable 2 d). The sampler was shut down for winter on 11/23/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P002	Site Monitoring Area No. ACID-SMA-2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	P00202040018 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	P00206010014 : Rock Check Dam	CA	11/13/2016	10/13/2016
—	—	—	—	—	—	P00206010015 : Rock Check Dam	CA	11/13/2016	10/13/2016
—	—	—	—	—	—	P00206010016 : Rock Check Dam	CA	11/13/2016	10/13/2016
—	—	—	—	—	—	P00206010019 : Rock Check Dam	CA	—	07/26/2017
—	—	—	—	—	—	P00206020020 : Log Check Dam	CA	—	10/26/2016
—	—	—	—	—	—	P00206020021 : Log Check Dam	CA	—	10/26/2016
—	—	—	—	—	—	P00206020022 : Log Check Dam	CA	—	10/26/2016
—	—	—	—	—	—	P00206020023 : Log Check Dam	CA	—	10/26/2016

Comments: No confirmation monitoring was conducted in 2021. Corrective action monitoring was completed on 01/12/2018. Alternative compliance was requested at all associated Site(s) on 04/22/2019.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P002A	Site Monitoring Area No. ACID-SMA-2.01	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	P002A02040007 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	P002A03010004 : Earthen Berm	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	P002A03140010 : Coir Log	BCM	—	08/02/2017
—	—	—	—	—	—	P002A04060002 : Rip Rap	BCM	04/29/2011	12/06/2010

Comments: The sampler was activated for baseline monitoring on 03/22/2021. On 8/18/2021 the sampler was found to have attempted a sample collection at an undocumented time. The collection attempt date was estimated as 07/09/2021 using the timestamp of power reset on the sampling equipment. There was no period of inoperability with this event. The sampler was shut down for winter on 11/17/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P003	Site Monitoring Area No. ACID-SMA-2.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	P00302030012 : Permanent Vegetation Vegetative Buffer Strip	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	P00302040019 : Established Vegetation	BCM	–	05/08/2013
–	–	–	–	–	–	P00303010009 : Earthen Berm	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	P00304060011 : Rip Rap	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	P00306010020 : Rock Check Dam	CA	11/13/2016	10/13/2016
–	–	–	–	–	–	P00306010021 : Rock Check Dam	CA	11/13/2016	10/13/2016
–	–	–	–	–	–	P00306010022 : Rock Check Dam	CA	11/13/2016	10/13/2016
–	–	–	–	–	–	P00306010027 : Rock Check Dam	CA	–	07/26/2017
–	–	–	–	–	–	P00306020023 : Log Check Dam	CA	11/13/2016	10/13/2016
–	–	–	–	–	–	P00306020024 : Log Check Dam	CA	11/13/2016	10/13/2016
–	–	–	–	–	–	P00306020025 : Log Check Dam	CA	11/13/2016	10/13/2016
–	–	–	–	–	–	P00306020026 : Log Check Dam	CA	11/13/2016	10/13/2016

Comments: No confirmation monitoring was conducted in 2021. Corrective action monitoring was completed on 01/12/2018. Alternative compliance was requested at all associated Site(s) on 04/22/2019.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: B001	Site Monitoring Area No. B-SMA-0.5	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	B00101060027 : Erosion Control Blanket	CA	–	08/09/2018
–	–	–	–	–	–	B00102040012 : Established Vegetation	BCM	–	05/14/2013
–	–	–	–	–	–	B00103010006 : Earthen Berm	BCM	04/29/2011	12/08/2010
–	–	–	–	–	–	B00103010007 : Earthen Berm	BCM	04/29/2011	12/08/2010
–	–	–	–	–	–	B00103140016 : Coir Log	CA	–	10/03/2016
–	–	–	–	–	–	B00103140018 : Coir Log	CA	–	10/03/2016
–	–	–	–	–	–	B00103140019 : Coir Log	CA	–	10/03/2016
–	–	–	–	–	–	B00103140020 : Coir Log	CA	–	10/03/2016
–	–	–	–	–	–	B00103140024 : Coir Log	CA	–	10/03/2016
–	–	–	–	–	–	B00103140025 : Coir Log	CA	–	10/03/2016
–	–	–	–	–	–	B00104010005 : Earthen Channel/Swale	BCM	04/29/2011	12/08/2010
–	–	–	–	–	–	B00104010026 : Earthen Channel/Swale	CA	–	10/03/2016
–	–	–	–	–	–	B00104040003 : Culvert	BCM	04/29/2011	12/08/2010
–	–	–	–	–	–	B00104050015 : Water Bar	CA	–	10/03/2016
–	–	–	–	–	–	B00104060009 : Rip Rap	BCM	–	08/27/2012
–	–	–	–	–	–	B00106010008 : Rock Check Dam	BCM	04/29/2011	12/08/2010

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	B00106010021 : Rock Check Dam	CA	–	10/03/2016
–	–	–	–	–	–	B00106020022 : Log Check Dam	CA	–	10/03/2016
–	–	–	–	–	–	B00106020023 : Log Check Dam	CA	–	10/03/2016
Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 03/23/2017 with certification of completion of corrective action under E.2(d).									

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: B002	Site Monitoring Area No. B-SMA-1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	B00202040008 : Established Vegetation	BCM	—	05/06/2013
—	—	—	—	—	—	B00203140009 : Coir Log	BCM	10/28/2019	10/28/2019
—	—	—	—	—	—	B00203140010 : Coir Log	BCM	10/28/2019	10/28/2019
—	—	—	—	—	—	B00206010003 : Rock Check Dam	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	B00206010004 : Rock Check Dam	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	B00206010005 : Rock Check Dam	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	B00206010006 : Rock Check Dam	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	B00206010007 : Rock Check Dam	BCM	04/29/2011	12/06/2010
Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 11/22/2013 with certification of completion of corrective action under E.2(d).									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C001	Site Monitoring Area No. CDB-SMA-0.15	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	C00102040015 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	C00103010013 : Earthen Berm	BCM	—	08/15/2011
—	—	—	—	—	—	C00103060020 : Straw Wattle	BCM	—	11/04/2014
—	—	—	—	—	—	C00103060021 : Straw Wattle	BCM	—	11/04/2014
—	—	—	—	—	—	C00103120009 : Rock Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00106030003 : Juniper Bales	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00106030005 : Juniper Bales	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00106030006 : Juniper Bales	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00106030007 : Juniper Bales	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 02/26/2016.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C002	Site Monitoring Area No. CDB-SMA-0.25	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	C00202040019 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	C00203010013 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00203010017 : Earthen Berm	CA	08/19/2012	07/20/2012
—	—	—	—	—	—	C00203010018 : Earthen Berm	CA	08/19/2012	07/20/2012
—	—	—	—	—	—	C00204060009 : Rip Rap	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C003	Site Monitoring Area No. CDB-SMA-0.55	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	C00302040021 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	C00303010011 : Earthen Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	C00306010006 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	C00306010013 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	C00306010015 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	C00306010016 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	C00306010017 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	C00306010018 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	C00306010019 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	C00306010020 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C004	Site Monitoring Area No. CDB-SMA-1	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	Y	1010	ug/L	08/03/2021	D : MTAL	C00402040015 : Established Vegetation	BCM	—	05/02/2013
Copper, F	Y	11.4	ug/L	08/03/2021	D : MTAL	C00403010016 : Earthen Berm	CA	10/04/2015	09/04/2015
Gross alpha, UF	Y	151	pCi/L	08/03/2021	D : ATAL	C00403010017 : Earthen Berm	CA	10/04/2015	09/04/2015
Total PCB, UF	Y	0.00327	ug/L	08/03/2021	D : ATAL	C00404060006 : Rip Rap	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	C00404060008 : Rip Rap	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	C00404060009 : Rip Rap	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	C00406010010 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	C00406010011 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	C00406010012 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	C00406010013 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	C00406010018 : Rock Check Dam	CA	—	09/21/2020

Comments: The sampler was activated for corrective action monitoring on 03/29/2021. Samples from multiple storm events were collected on 08/02/2021, 08/03/2021, and 08/04/2021, with no associated inoperable time and the sampler was turned off at sample retrieval. The samples from 08/02/2021 and 08/04/2021 were of insufficient volume; the 08/03/2021 sample was processed as a corrective action sample and the sampler was reset for continued monitoring on 08/18/2021 (inoperable 14 d). The sampler was shut down for winter on 11/05/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C005	Site Monitoring Area No. CDB-SMA-1.15	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	C00502040011 : Established Vegetation	BCM	–	05/02/2013
–	–	–	–	–	–	C00503010012 : Earthen Berm	BCM	–	12/04/2017
–	–	–	–	–	–	C00504060007 : Rip Rap	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	C00504060008 : Rip Rap	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 03/31/2021. The sampler was shut down for winter on 11/03/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C006	Site Monitoring Area No. CDB-SMA-1.35	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	C00602040010 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	C00603010006 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00604060009 : Rip Rap	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 03/31/2021. The sampler was shut down for winter on 11/03/2021.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C007	Site Monitoring Area No. CDB-SMA-1.54	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	C00702040020 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	C00703010007 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00703010008 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00703010009 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00703010019 : Earthen Berm	BCM	—	04/13/2011
—	—	—	—	—	—	C00703140025 : Coir Log	BCM	—	10/15/2015
—	—	—	—	—	—	C00703140026 : Coir Log	BCM	—	08/22/2019
—	—	—	—	—	—	C00704050021 : Water Bar	BCM	—	10/15/2015
Comments: The sampler was activated for baseline monitoring on 03/31/2021. The sampler was shut down for winter on 11/03/2021.									

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C008	Site Monitoring Area No. CDB-SMA-1.55	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	C00802040012 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	C00803010010 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	C00803120009 : Rock Berm	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler was shut down for winter on 11/17/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C009	Site Monitoring Area No. CDB-SMA-1.65	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	C00903010004 : Earthen Berm	BCM	–	08/15/2011
–	–	–	–	–	–	C00904060001 : Rip Rap	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler was shut down for winter on 11/17/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: C010	Site Monitoring Area No. CDB-SMA-4	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	C01002040012 : Established Vegetation	BCM	—	05/16/2013
—	—	—	—	—	—	C01004020005 : Concrete/Asphalt Channel/Swale	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	C01004060007 : Rip Rap	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	C01005010004 : Sediment Trap	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	C01006010006 : Rock Check Dam	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	C01006010008 : Rock Check Dam	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	C01006010009 : Rock Check Dam	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	C01006010010 : Rock Check Dam	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	C01006010011 : Rock Check Dam	BCM	04/29/2011	11/16/2010

Comments: The sampler was activated on 04/01/2021 to collect the sample required under E.1(b) following certification of completion of corrective action under E.2(c). The sampler was shut down for winter on 11/19/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V001	Site Monitoring Area No. CDV-SMA-1.2	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00102040012 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	V00103020008 : Base Course Berm	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V00104060001 : Rip Rap	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V00106010007 : Rock Check Dam	BCM	04/29/2011	12/15/2010

Comments: The sampler was activated for baseline monitoring on 03/29/2021. The sampler recorded power failure/restores of less than one minute on 09/07/2021, 09/09/2021, and 09/10/2021 with no periods of inoperability associated with these events. The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V002	Site Monitoring Area No. CDV-SMA-1.3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00202040003 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	V00203020002 : Base Course Berm	BCM	04/29/2011	12/15/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 09/26/2016 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V003	Site Monitoring Area No. CDV-SMA-1.4	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00302040069 : Established Vegetation	BCM	—	08/27/2013
—	—	—	—	—	—	V00303010066 : Earthen Berm	BCM	—	09/06/2012
—	—	—	—	—	—	V00303010070 : Earthen Berm	CA	06/11/2014	05/12/2014
—	—	—	—	—	—	V00303010071 : Earthen Berm	CA	06/11/2014	05/12/2014
—	—	—	—	—	—	V00303010072 : Earthen Berm	CA	06/11/2014	05/12/2014
—	—	—	—	—	—	V00303020017 : Base Course Berm	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V00303120087 : Rock Berm	CA	—	11/20/2015
—	—	—	—	—	—	V00305020068 : Sediment Basin	BCM	—	09/06/2012
—	—	—	—	—	—	V00305020073 : Sediment Basin	CA	06/11/2014	05/12/2014
—	—	—	—	—	—	V00305020074 : Sediment Basin	CA	06/11/2014	05/12/2014
—	—	—	—	—	—	V00305020075 : Sediment Basin	CA	06/11/2014	05/12/2014
—	—	—	—	—	—	V00305020076 : Sediment Basin	CA	06/11/2014	05/12/2014
—	—	—	—	—	—	V00306010012 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V00306010039 : Rock Check Dam	BCM	—	08/11/2011
—	—	—	—	—	—	V00306010040 : Rock Check Dam	BCM	—	08/11/2011
—	—	—	—	—	—	V00306010043 : Rock Check Dam	BCM	—	08/29/2011
—	—	—	—	—	—	V00306010057 : Rock Check Dam	BCM	—	08/29/2011
—	—	—	—	—	—	V00306010058 : Rock Check Dam	BCM	—	09/06/2012
—	—	—	—	—	—	V00306010059 : Rock Check Dam	BCM	—	09/06/2012
—	—	—	—	—	—	V00306010060 : Rock Check Dam	BCM	—	09/06/2012
—	—	—	—	—	—	V00306010061 : Rock Check Dam	BCM	—	09/06/2012
—	—	—	—	—	—	V00306010062 : Rock Check Dam	BCM	—	09/06/2012

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00306010063 : Rock Check Dam	BCM	—	09/06/2012
—	—	—	—	—	—	V00306010064 : Rock Check Dam	BCM	—	09/06/2012
—	—	—	—	—	—	V00306010065 : Rock Check Dam	BCM	—	09/06/2012
Comments: The sampler was activated for corrective action monitoring on 03/29/2021. The sampler was shut down for winter on 11/02/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V004	Site Monitoring Area No. CDV-SMA-1.45	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00402040005 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	V00403010004 : Earthen Berm	CA	08/17/2012	07/18/2012

Comments: The sampler was activated for corrective action monitoring on 03/29/2021. The sampler was shut down for winter on 11/02/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V005	Site Monitoring Area No. CDV-SMA-1.7	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00501060035 : Erosion Control Blanket	CA	—	07/07/2016
—	—	—	—	—	—	V00502040016 : Established Vegetation	BCM	—	05/16/2013
—	—	—	—	—	—	V00503010027 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V00503010028 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V00503020034 : Base Course Berm	CA	—	07/07/2016
—	—	—	—	—	—	V00503060025 : Straw Wattle	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V00503060032 : Straw Wattle	CA	—	09/14/2015
—	—	—	—	—	—	V00504010018 : Earthen Channel/Swale	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V00504040017 : Culvert	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V00504040036 : Culvert	CA	—	07/07/2016
—	—	—	—	—	—	V00504060015 : Rip Rap	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V00504060026 : Rip Rap	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V00504060039 : Rip Rap	CA	—	07/07/2016
—	—	—	—	—	—	V00504080033 : TRM-Lined Swale	CA	—	07/07/2016
—	—	—	—	—	—	V00506010006 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V00506010008 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V00506010009 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V00506010010 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V00506010013 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V00506010014 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V00506010019 : Rock Check Dam	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V00506010020 : Rock Check Dam	CA	10/04/2015	09/04/2015

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	V00506010022 : Rock Check Dam	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	V00506010029 : Rock Check Dam	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	V00506010030 : Rock Check Dam	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	V00506010031 : Rock Check Dam	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	V00506020023 : Log Check Dam	CA	10/04/2015	09/04/2015
–	–	–	–	–	–	V00506040038 : Energy Dissipater	CA	–	07/07/2016
–	–	–	–	–	–	V00507010037 : Gabion	CA	–	07/07/2016

Comments: The sampler was activated for corrective action monitoring on 04/08/2021. The sampler attempted but was unable to collect on 05/31/2021. The sampler was reset for continued monitoring on 06/03/2021 (inoperable 3 d). The sampler was shut down for winter on 11/23/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V006	Site Monitoring Area No. CDV-SMA-2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00602040013 : Established Vegetation	BCM	—	05/16/2013
—	—	—	—	—	—	V00603010006 : Earthen Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	V00603010007 : Earthen Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	V00603010008 : Earthen Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	V00603010009 : Earthen Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	V00603010010 : Earthen Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	V00604060003 : Rip Rap	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	V00606010002 : Rock Check Dam	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	V00608020012 : Rock Cap	BCM	04/29/2011	04/26/2011

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V007	Site Monitoring Area No. CDV-SMA-2.3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00702040021 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	V00703010027 : Earthen Berm	BCM	—	10/24/2014
—	—	—	—	—	—	V00703060028 : Straw Wattle	BCM	—	10/24/2014
—	—	—	—	—	—	V00703060030 : Straw Wattle	CA	—	08/11/2015
—	—	—	—	—	—	V00703060032 : Straw Wattle	CA	—	09/18/2020
—	—	—	—	—	—	V00703120026 : Rock Berm	BCM	—	10/24/2014
—	—	—	—	—	—	V00706010019 : Rock Check Dam	BCM	—	10/14/2011
—	—	—	—	—	—	V00706010020 : Rock Check Dam	BCM	—	10/14/2011
—	—	—	—	—	—	V00706010024 : Rock Check Dam	BCM	—	06/25/2014
—	—	—	—	—	—	V00706010025 : Rock Check Dam	BCM	—	06/25/2014
—	—	—	—	—	—	V00707010002 : Gabion	BCM	04/29/2011	12/15/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 02/26/2016.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V008	Site Monitoring Area No. CDV-SMA-2.41	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V00802040015 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	V00803010013 : Earthen Berm	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	V00804010014 : Earthen Channel/Swale	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	V00804040011 : Culvert	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V00804060010 : Rip Rap	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V00806010012 : Rock Check Dam	CA	07/27/2014	06/27/2014

Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler was shut down for winter on 11/02/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V008A	Site Monitoring Area No. CDV-SMA-2.42	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V008A01030022 : Hydromulch	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	V008A02040020 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	V008A03010021 : Earthen Berm	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	V008A03010024 : Earthen Berm	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	V008A04040023 : Culvert	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	V008A04050025 : Water Bar	CA	—	08/28/2015
—	—	—	—	—	—	V008A04060002 : Rip Rap	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V008A04060005 : Rip Rap	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V008A04060018 : Rip Rap	BCM	—	10/14/2011
—	—	—	—	—	—	V008A04060019 : Rip Rap	BCM	—	10/14/2011
—	—	—	—	—	—	V008A06010004 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V008A06010017 : Rock Check Dam	BCM	—	09/12/2011
—	—	—	—	—	—	V008A07010003 : Gabion	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V008A08050026 : HDPE Cap	CA	08/13/2021	07/14/2021

Comments: The sampler was activated for corrective action monitoring on 07/14/2021. The sampler attempted but was unable to collect on 07/27/2021. and was reset for continued monitoring on 07/28/2021 (inoperable 1 d). The sampler attempted but was unable to collect on 07/28/2021 and was reset for continued monitoring on 07/29/2021 (inoperable 1 d). The sampler attempted but was unable to collect on 08/04/2021 and was reset for continued monitoring on 08/06/2021 (inoperable 2 d). The sampler attempted but was unable to collect on 10/02/2021 with no associated inoperable time. The sampler was shut down for winter on 11/02/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V009	Site Monitoring Area No. CDV-SMA-2.5	Permit Phase: Baseline Control Measures

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	V00902040036 : Established Vegetation	BCM	–	05/03/2013
–	–	–	–	–	–	V00903010011 : Earthen Berm	BCM	04/29/2011	12/15/2010
–	–	–	–	–	–	V00903010043 : Earthen Berm	BCM	–	10/09/2014
–	–	–	–	–	–	V00903120034 : Rock Berm	BCM	–	11/18/2013
–	–	–	–	–	–	V00903120035 : Rock Berm	BCM	–	11/18/2013
–	–	–	–	–	–	V00903120038 : Rock Berm	BCM	–	10/09/2014
–	–	–	–	–	–	V00903120039 : Rock Berm	BCM	–	10/09/2014
–	–	–	–	–	–	V00903120040 : Rock Berm	BCM	–	10/09/2014
–	–	–	–	–	–	V00903120041 : Rock Berm	BCM	–	10/09/2014
–	–	–	–	–	–	V00903120042 : Rock Berm	BCM	–	10/21/2014
–	–	–	–	–	–	V00904060005 : Rip Rap	BCM	04/29/2011	12/15/2010
–	–	–	–	–	–	V00904060006 : Rip Rap	BCM	04/29/2011	12/15/2010
–	–	–	–	–	–	V00904060007 : Rip Rap	BCM	04/29/2011	12/15/2010
–	–	–	–	–	–	V00904060009 : Rip Rap	BCM	04/29/2011	12/15/2010
–	–	–	–	–	–	V00906010029 : Rock Check Dam	BCM	–	09/19/2011
–	–	–	–	–	–	V00906010030 : Rock Check Dam	BCM	–	09/19/2011
–	–	–	–	–	–	V00906010031 : Rock Check Dam	BCM	–	09/19/2011
–	–	–	–	–	–	V00906010044 : Rock Check Dam	BCM	–	10/09/2014
–	–	–	–	–	–	V00906010045 : Rock Check Dam	BCM	–	10/09/2014
–	–	–	–	–	–	V00906010046 : Rock Check Dam	BCM	–	10/09/2014
–	–	–	–	–	–	V00906010047 : Rock Check Dam	BCM	–	10/09/2014
–	–	–	–	–	–	V00906010048 : Rock Check Dam	BCM	–	10/09/2014

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	V00906010049 : Rock Check Dam	BCM	–	10/21/2014
–	–	–	–	–	–	V00906010050 : Rock Check Dam	BCM	–	10/21/2014
Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed with receipt of all results less than target action levels on 08/29/2013.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V009A	Site Monitoring Area No. CDV-SMA-2.51	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V009A02040029 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	V009A03020005 : Base Course Berm	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A03020012 : Base Course Berm	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A03060032 : Straw Wattle	BCM	—	04/10/2019
—	—	—	—	—	—	V009A03060033 : Straw Wattle	BCM	—	04/10/2019
—	—	—	—	—	—	V009A06010003 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A06010004 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A06010006 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A06010013 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A06010014 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A06010015 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A06010016 : Rock Check Dam	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V009A06030017 : Juniper Bales	BCM	04/29/2011	12/15/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V010	Site Monitoring Area No. CDV-SMA-3	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V01002040013 : Established Vegetation	BCM	—	04/29/2013
—	—	—	—	—	—	V01003010010 : Earthen Berm	CA	08/17/2012	07/18/2012
—	—	—	—	—	—	V01003010011 : Earthen Berm	CA	08/17/2012	07/18/2012
—	—	—	—	—	—	V01003120005 : Rock Berm	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	V01003120009 : Rock Berm	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	V01006010004 : Rock Check Dam	BCM	04/29/2011	01/12/2011

Comments: The sampler was activated for corrective action monitoring on 03/29/2021. The sampler was shut down for winter on 11/03/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V011	Site Monitoring Area No. CDV-SMA-4	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	V01102040010 : Established Vegetation	BCM	–	10/27/2015
–	–	–	–	–	–	V01103010008 : Earthen Berm	BCM	–	08/27/2013
–	–	–	–	–	–	V01104060007 : Rip Rap	BCM	–	08/27/2013
–	–	–	–	–	–	V01104060011 : Rip Rap	BCM	–	11/14/2015
–	–	–	–	–	–	V01106010009 : Rock Check Dam	BCM	–	08/27/2013

Comments: The sampler was activated for baseline monitoring on 03/29/2021. The sampler was shut down for winter on 11/03/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V012	Site Monitoring Area No. CDV-SMA-6.01	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V01202040013 : Established Vegetation	BCM	—	04/29/2013
—	—	—	—	—	—	V01203010016 : Earthen Berm	BCM	—	09/09/2013
—	—	—	—	—	—	V01203010017 : Earthen Berm	CA	11/14/2015	10/15/2015
—	—	—	—	—	—	V01203010018 : Earthen Berm	CA	11/14/2015	10/15/2015
—	—	—	—	—	—	V01203020003 : Base Course Berm	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	V01206010022 : Rock Check Dam	CA	—	11/02/2015

Comments: The sampler was activated for corrective action monitoring on 03/29/2021. The sampler was shut down for winter on 11/03/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V012A	Site Monitoring Area No. CDV-SMA-6.02	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V012A01010005 : Seed and Wood Mulch	CA	08/17/2012	07/18/2012
—	—	—	—	—	—	V012A03010004 : Earthen Berm	CA	08/17/2012	07/18/2012
—	—	—	—	—	—	V012A03010006 : Earthen Berm	CA	08/17/2012	07/18/2012
—	—	—	—	—	—	V012A03060008 : Straw Wattle	CA	—	11/02/2015
—	—	—	—	—	—	V012A03140009 : Coir Log	CA	—	11/02/2015
—	—	—	—	—	—	V012A03140010 : Coir Log	CA	—	07/25/2017

Comments: The sampler was activated for corrective action monitoring on 03/29/2021. The sampler was found to be inoperable on 06/01/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 05/30/2021 (inoperable up to 2 d) using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. The sampler was shut down for winter on 11/03/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V013	Site Monitoring Area No. CDV-SMA-7	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Gross alpha, UF	Y	113	pCi/L	08/26/2021	D : ATAL	V01302040008 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	V01303010006 : Earthen Berm	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V01303010007 : Earthen Berm	BCM	04/29/2011	12/15/2010
—	—	—	—	—	—	V01303140010 : Coir Log	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V01303140011 : Coir Log	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V01303140013 : Coir Log	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V01303140020 : Coir Log	CA	—	06/29/2017
—	—	—	—	—	—	V01303140021 : Coir Log	CA	—	09/18/2018
—	—	—	—	—	—	V01303140022 : Coir Log	CA	—	12/09/2020
—	—	—	—	—	—	V01303140023 : Coir Log	CA	—	12/09/2020
—	—	—	—	—	—	V01304010015 : Earthen Channel/Swale	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V01304040009 : Culvert	CA	—	09/24/2014
—	—	—	—	—	—	V01306010014 : Rock Check Dam	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	V01306010016 : Rock Check Dam	CA	10/04/2015	10/13/2015
—	—	—	—	—	—	V01306010017 : Rock Check Dam	CA	—	10/13/2015
—	—	—	—	—	—	V01306010018 : Rock Check Dam	CA	—	10/13/2015

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V01306010019 : Rock Check Dam	CA	—	10/13/2015
—	—	—	—	—	—	V01306010024 : Rock Check Dam	CA	—	12/09/2020
—	—	—	—	—	—	V01306010025 : Rock Check Dam	CA	—	12/09/2020
—	—	—	—	—	—	V01306010026 : Rock Check Dam	CA	—	12/09/2020
Comments: The sampler was activated for corrective action monitoring on 03/31/2021. The sampler was found to be inoperable on 08/18/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 08/15/2021 (inoperable up to 3 d) using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. A confirmation monitoring sample was collected on 08/26/2021. The sampler was reactivated for continued monitoring on 09/24/2021 (inoperable 23 d). The sampler was shut down for winter on 11/09/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V014	Site Monitoring Area No. CDV-SMA-8	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V01402040009 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	V01403010008 : Earthen Berm	BCM	—	11/14/2011
—	—	—	—	—	—	V01403010012 : Earthen Berm	BCM	—	12/17/2013
—	—	—	—	—	—	V01406010003 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V01406010010 : Rock Check Dam	BCM	—	12/17/2013
—	—	—	—	—	—	V01406010011 : Rock Check Dam	BCM	—	12/17/2013
—	—	—	—	—	—	V01406010013 : Rock Check Dam	BCM	—	09/03/2014
—	—	—	—	—	—	V01406010014 : Rock Check Dam	BCM	—	09/03/2014
—	—	—	—	—	—	V01406010015 : Rock Check Dam	BCM	—	09/03/2014

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V015	Site Monitoring Area No. CDV-SMA-8.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	V01502040006 : Established Vegetation	BCM	—	04/03/2013
—	—	—	—	—	—	V01503010005 : Earthen Berm	BCM	04/29/2011	12/15/2010

Comments: The sampler was activated for baseline monitoring on 03/31/2021. The sampler was found to be inoperable due to equipment failure on 05/12/2021 and was last known to be operable at the previous inspection on 03/31/2021 (inoperable up to 42 d). The sampler attempted but was unable to collect a sample on 05/30/2021 and was reset for continued monitoring on 06/03/2021 (inoperable 4 d). The sampler attempted but was unable to collect on 8/15/2021 with no associated inoperable time. The sampler was shut down for winter on 11/08/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: V016	Site Monitoring Area No. CDV-SMA-9.05	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Gross alpha, UF	N	4.83	pCi/L	08/26/2021	D : ATAL	V01602040005 : Established Vegetation	BCM	—	04/03/2013
—	—	—	—	—	—	V01603010002 : Earthen Berm	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V01603010003 : Earthen Berm	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V01603010004 : Earthen Berm	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	V01603140006 : Coir Log	BCM	—	08/05/2015
—	—	—	—	—	—	V01606010007 : Rock Check Dam	CA	—	12/09/2020
—	—	—	—	—	—	V01606010008 : Rock Check Dam	CA	—	12/09/2020
—	—	—	—	—	—	V01606010009 : Rock Check Dam	CA	—	12/09/2020
Comments: The sampler was activated for corrective action monitoring on 04/01/2021. A confirmation monitoring sample was collected on 08/26/2021. The sampler was reactivated for continued monitoring on 09/14/2021 (inoperable 19 d). The sampler was shut down for winter on 11/18/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q001	Site Monitoring Area No. CHQ-SMA-0.5	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	182	ug/L	08/03/2021	D : MTAL	Q00102040008 : Established Vegetation	BCM	—	05/09/2013
Antimony, F	N	1	ug/L	08/03/2021	ND : ATAL	Q00103010010 : Earthen Berm	CA	11/27/2015	10/28/2015
Arsenic, F	N	2	ug/L	08/03/2021	ND : ATAL	Q00103010011 : Earthen Berm	CA	11/27/2015	10/28/2015
Boron, F	N	27.2	ug/L	08/03/2021	D : ATAL	Q00103140009 : Coir Log	CA	11/27/2015	10/28/2015
Cadmium, F	N	0.3	ug/L	08/03/2021	ND : MQL	Q00104050006 : Water Bar	BCM	04/29/2011	01/12/2011
Chromium, F	N	3	ug/L	08/03/2021	ND : MTAL	Q00104050007 : Water Bar	BCM	04/29/2011	01/12/2011
Cobalt, F	N	1.22	ug/L	08/03/2021	D : ATAL	Q00106010003 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Copper, F	N	3.29	ug/L	08/03/2021	D : MTAL	Q00106010004 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	08/03/2021	ND : MQL	Q00106010005 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Gross alpha, UF	Y	312	pCi/L	08/03/2021	D : ATAL	—	—	—	—
Lead, F	N	0.5	ug/L	08/03/2021	ND : MTAL	—	—	—	—
Mercury, UF	N	0.067	ug/L	08/03/2021	ND : ATAL	—	—	—	—
Nickel, F	N	1.27	ug/L	08/03/2021	D : MTAL	—	—	—	—
Radium-226 and Radium-228, UF	N	1.95	pCi/L	08/03/2021	D : ATAL	—	—	—	—
RDX, UF	N	0.0952	ug/L	08/03/2021	ND : ATAL	—	—	—	—
Selenium, UF	N	2	ug/L	08/03/2021	ND : ATAL	—	—	—	—

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Silver, F	N	0.3	ug/L	08/03/2021	ND : MQL	—	—	—	—
Thallium, F	N	0.6	ug/L	08/03/2021	ND : ATAL	—	—	—	—
Total PCB, UF	Y	0.00582	ug/L	08/03/2021	D : ATAL	—	—	—	—
Trinitrotoluene[2,4,6-], UF	N	0.0952	ug/L	08/03/2021	ND : ATAL	—	—	—	—
Vanadium, F	N	1.74	ug/L	08/03/2021	D : ATAL	—	—	—	—
Zinc, F	N	3.3	ug/L	08/03/2021	ND : MTAL	—	—	—	—

Comments: The sampler was activated for corrective action monitoring on 03/26/2021. The sampler was found to be inoperable on 04/05/2021 due to a sample collection attempt at an undocumented time. The attempt date was estimated as 04/05/2021 using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. The sampler was reset for continued monitoring on 04/05/2021 (inoperable < 1 d).The sampler attempted but was unable to collect on 04/23/2021 and was reset for continued monitoring on 04/26/2021 (inoperable 3 d).The sampler attempted but was unable to collect on 04/28/2021 and was reset for continued monitoring on 04/29/2021 (inoperable 1 d).The sampler attempted but was unable to collect on 05/03/2021 and was reset for continued monitoring on 05/04/2021 (inoperable 1 d).The sampler attempted but was unable to collect on 05/07/2021 and was reset for continued monitoring on 05/10/2021 (inoperable 3 d). The sampler attempted but was unable to collect on 05/17/2021 and was reset for continued monitoring on 05/18/2021 (inoperable 1 d).The sampler attempted but was unable to collect on 05/18/2021 and was reset for continued monitoring on 05/19/2021 (inoperable 1 d).The sampler attempted but was unable to collect on 05/19/2021 and was reset for continued monitoring on 05/20/2021 (inoperable 1 d). The sampler attempted but was unable to collect on 05/20/2021 and was reset for continued monitoring on 05/25/2021 (inoperable 5 d).The sampler attempted but was unable to collect on 05/31/2021 and was reset for continued monitoring on 06/01/2021 (inoperable 1 d). A confirmation monitoring sample was collected on 08/03/2021. The sampler was reactivated for continued monitoring on 08/23/2021 (inoperable 20 d). The sampler was shut down for winter on 11/09/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q002	Site Monitoring Area No. CHQ-SMA-1.01	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q00202040008 : Established Vegetation	BCM	—	05/06/2013
—	—	—	—	—	—	Q00203060011 : Straw Wattle	BCM	—	11/22/2013
—	—	—	—	—	—	Q00203060012 : Straw Wattle	BCM	—	10/16/2014
—	—	—	—	—	—	Q00203060013 : Straw Wattle	BCM	—	10/16/2014
—	—	—	—	—	—	Q00203060015 : Straw Wattle	BCM	—	05/21/2019
—	—	—	—	—	—	Q00203060016 : Straw Wattle	BCM	—	05/21/2019

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler attempted but was unable to collect on 05/31/2021 and was reset on 06/02/2021 (inoperable 2 d). A sample of insufficient volume was collected on 08/03/2021 and was reset for continued monitoring on 08/04/2021 (inoperable 1 d). The sampler attempted but was unable to collect on 08/26/2021 with no associated inoperable time. The sampler was shut down for winter on 11/09/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q002A	Site Monitoring Area No. CHQ-SMA-1.02	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	430	ug/L	08/03/2021	D : MTAL	Q002A02040018 : Established Vegetation	BCM	—	05/06/2013
Aluminum, F	N	110	ug/L	05/31/2021	D : MTAL	Q002A03010010 : Earthen Berm	CA	11/22/2012	10/23/2012
Antimony, F	N	1	ug/L	05/31/2021	ND : ATAL	Q002A03010011 : Earthen Berm	CA	11/22/2012	10/23/2012
Antimony, F	N	1	ug/L	08/03/2021	ND : ATAL	Q002A03010012 : Earthen Berm	CA	11/22/2012	10/23/2012
Arsenic, F	N	2	ug/L	08/03/2021	ND : ATAL	Q002A03010013 : Earthen Berm	CA	11/22/2012	10/23/2012
Arsenic, F	N	2	ug/L	05/31/2021	ND : ATAL	Q002A03150014 : Redi-Rock Berm	CA	10/04/2015	09/04/2015
Boron, F	N	21.6	ug/L	08/03/2021	D : ATAL	Q002A06010002 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Boron, F	N	16.9	ug/L	05/31/2021	D : ATAL	Q002A06010003 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Cadmium, F	N	0.3	ug/L	08/03/2021	ND : MQL	Q002A06010007 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Cadmium, F	N	0.3	ug/L	05/31/2021	ND : MQL	Q002A06010009 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Chromium, F	N	3	ug/L	08/03/2021	ND : MTAL	Q002A06010015 : Rock Check Dam	CA	05/20/2021	04/20/2021
Chromium, F	N	3	ug/L	05/31/2021	ND : MTAL	Q002A06010016 : Rock Check Dam	CA	05/20/2021	04/20/2021
Cobalt, F	N	1.66	ug/L	08/03/2021	D : ATAL	Q002A06010017 : Rock Check Dam	CA	05/20/2021	04/20/2021
Cobalt, F	N	1	ug/L	05/31/2021	ND : ATAL	Q002A08030004 : Concrete/Asphalt Cap	BCM	04/29/2011	01/12/2011
Copper, F	Y	8.5	ug/L	08/03/2021	D : MTAL	—	—	—	—
Copper, F	Y	5.2	ug/L	05/31/2021	D : MTAL	—	—	—	—
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	05/31/2021	ND : MQL	—	—	—	—
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	08/03/2021	ND : MQL	—	—	—	—
Gross alpha, UF	Y	50.2	pCi/L	08/03/2021	D : ATAL	—	—	—	—
Gross alpha, UF	Y	24.8	pCi/L	05/31/2021	D : ATAL	—	—	—	—
Lead, F	N	0.647	ug/L	08/03/2021	D : MTAL	—	—	—	—
Lead, F	N	0.5	ug/L	05/31/2021	ND : MTAL	—	—	—	—

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Mercury, UF	N	0.121	ug/L	05/31/2021	D : ATAL	—	—	—	—
Mercury, UF	N	0.067	ug/L	08/03/2021	ND : ATAL	—	—	—	—
Nickel, F	N	1.19	ug/L	08/03/2021	D : MTAL	—	—	—	—
Nickel, F	N	1.09	ug/L	05/31/2021	D : MTAL	—	—	—	—
Radium-226 and Radium-228, UF	N	3.15	pCi/L	05/31/2021	D : ATAL	—	—	—	—
Radium-226 and Radium-228, UF	N	1.89	pCi/L	08/03/2021	D : ATAL	—	—	—	—
Selenium, UF	N	2	ug/L	05/31/2021	ND : ATAL	—	—	—	—
Selenium, UF	N	2	ug/L	08/03/2021	ND : ATAL	—	—	—	—
Silver, F	N	0.3	ug/L	08/03/2021	ND : MQL	—	—	—	—
Silver, F	N	0.3	ug/L	05/31/2021	ND : MQL	—	—	—	—
Thallium, F	N	0.6	ug/L	05/31/2021	ND : ATAL	—	—	—	—
Thallium, F	N	0.6	ug/L	08/03/2021	ND : ATAL	—	—	—	—
Total PCB, UF	Y	0.0143	ug/L	08/03/2021	D : ATAL	—	—	—	—
Total PCB, UF	Y	0.0194	ug/L	05/31/2021	D : ATAL	—	—	—	—
Vanadium, F	N	4.9	ug/L	08/03/2021	D : ATAL	—	—	—	—
Vanadium, F	N	3.44	ug/L	05/31/2021	D : ATAL	—	—	—	—
Zinc, F	N	7.76	ug/L	05/31/2021	D : MTAL	—	—	—	—
Zinc, F	N	7.06	ug/L	08/03/2021	D : MTAL	—	—	—	—
Comments: The sampler was activated for corrective action monitoring on 04/29/2021. A confirmation monitoring sample was collected on 05/31/2021. The sampler was reactovated for continued monitoring on 06/09/2021 (inoperable 9 d). A second confirmation monitoring sample was collected on 08/03/2021. The monitoring stage is complete.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q002B	Site Monitoring Area No. CHQ-SMA-1.03	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q002B02040012 : Established Vegetation	BCM	—	05/06/2013
—	—	—	—	—	—	Q002B03150013 : Redi-Rock Berm	CA	06/12/2014	05/13/2014
—	—	—	—	—	—	Q002B04060006 : Rip Rap	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q002B04060007 : Rip Rap	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q002B04060010 : Rip Rap	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q002B06010004 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q002B06010008 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q002B06010011 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q002B08030003 : Concrete/Asphalt Cap	BCM	04/29/2011	01/12/2011

Comments: The sampler was activated for corrective action monitoring on 04/08/2021. A sample of insufficient volume was collected on 08/26/2021 with no associated inoperable time. The sampler was shut down for winter on 11/09/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q003	Site Monitoring Area No. CHQ-SMA-2	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q00302040023 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	Q00303010030 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00303020028 : Base Course Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00303020029 : Base Course Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00303020053 : Base Course Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00303020054 : Base Course Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00303040015 : Asphalt Berm	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q00303060060 : Straw Wattle	CA	05/21/2021	04/21/2021
—	—	—	—	—	—	Q00303060061 : Straw Wattle	CA	05/21/2021	04/21/2021
—	—	—	—	—	—	Q00303140059 : Coir Log	CA	05/21/2021	04/21/2021
—	—	—	—	—	—	Q00306010035 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010036 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010037 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010038 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010039 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010040 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010041 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010042 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010043 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010044 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010045 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	Q00306010046 : Rock Check Dam	CA	11/27/2015	10/28/2015

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	Q00306010047 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	Q00306010048 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	Q00306010049 : Rock Check Dam	CA	–	10/08/2015
–	–	–	–	–	–	Q00306010050 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	Q00306010051 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	Q00306010052 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	Q00306010055 : Rock Check Dam	CA	–	10/23/2019
–	–	–	–	–	–	Q00306010056 : Rock Check Dam	CA	–	10/23/2019
–	–	–	–	–	–	Q00306010057 : Rock Check Dam	CA	05/21/2021	04/21/2021
–	–	–	–	–	–	Q00306010058 : Rock Check Dam	CA	05/21/2021	04/21/2021

Comments: The sampler was activated for corrective action monitoring on 04/29/2021. A sample was collected on 05/31/2021 but not retrieved due to hold time exceedances. The sampler was reset for continued monitoring on 07/12/2021 (inoperable 42). The sampler was found to be inoperable on 08/23/2021 due to a sample collected at an undocumented time. The collection date was estimated as 08/03/2021 (inoperable up to 20 d) using the RTU event notification for nearby locations and the start of the 30 minute maximum storm intensity from the associated precipitation gage. The sample was not retrieved due to hold time exceedances. The sampler was shut down for winter on 11/09/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q004	Site Monitoring Area No. CHQ-SMA-3.05	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q00402040009 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	Q00403010015 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	Q00403060002 : Straw Wattle	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q00403120014 : Rock Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	Q00403140010 : Coir Log	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	Q00403140011 : Coir Log	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	Q00403140012 : Coir Log	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	Q00403140013 : Coir Log	CA	09/09/2015	08/10/2015
Comments: The sampler was activated for corrective action monitoring on 03/26/2021. The sampler was found to be inoperable due to equipment failure on 10/14/2021 with a recorded loss of power on 10/08/2021 (inoperable 6 d). The sampler was shut down for winter on 11/09/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q005	Site Monitoring Area No. CHQ-SMA-4	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q00502040019 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	Q00503010020 : Earthen Berm	BCM	—	11/13/2013
—	—	—	—	—	—	Q00503010023 : Earthen Berm	CA	11/03/2021	10/04/2021
—	—	—	—	—	—	Q00503010024 : Earthen Berm	CA	11/03/2021	10/04/2021
—	—	—	—	—	—	Q00504060025 : Rip Rap	CA	11/03/2021	10/04/2021
—	—	—	—	—	—	Q00506010003 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q00506010004 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q00506010005 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Comments: The sampler was activated for corrective action monitoring on 10/18/2021. The sampler was shut down for winter on 11/09/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q006	Site Monitoring Area No. CHQ-SMA-4.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q00602040008 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	Q00603060009 : Straw Wattle	CA	—	10/20/2014
—	—	—	—	—	—	Q00603060010 : Straw Wattle	CA	—	10/20/2014
—	—	—	—	—	—	Q00606010002 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q00606010003 : Rock Check Dam	BCM	04/29/2011	01/12/2011

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q007	Site Monitoring Area No. CHQ-SMA-4.5	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q00702040010 : Established Vegetation	BCM	—	05/06/2013
—	—	—	—	—	—	Q00703010009 : Earthen Berm	BCM	—	07/18/2011
—	—	—	—	—	—	Q00703060022 : Straw Wattle	BCM	—	05/21/2019
—	—	—	—	—	—	Q00703140018 : Coir Log	CA	—	09/25/2014
—	—	—	—	—	—	Q00703140020 : Coir Log	CA	—	08/30/2018
—	—	—	—	—	—	Q00703140021 : Coir Log	CA	—	08/30/2018
—	—	—	—	—	—	Q00706010002 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	Q00706010003 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q008	Site Monitoring Area No. CHQ-SMA-5.05	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q00802040008 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	Q00803020006 : Base Course Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	Q00804060002 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	Q00804060005 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	Q00804060007 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	Q00806010003 : Rock Check Dam	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler was shut down for winter on 11/09/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q009	Site Monitoring Area No. CHQ-SMA-6	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	269	ug/L	05/31/2021	D : MTAL	Q00902040036 : Established Vegetation	BCM	—	05/09/2013
Aluminum, F	N	203	ug/L	07/25/2021	D : MTAL	Q00903010017 : Earthen Berm	BCM	04/29/2011	01/12/2011
Antimony, F	N	1	ug/L	07/25/2021	ND : ATAL	Q00903010041 : Earthen Berm	CA	09/09/2015	08/10/2015
Antimony, F	N	1	ug/L	05/31/2021	ND : ATAL	Q00903060045 : Straw Wattle	CA	—	07/14/2021
Arsenic, F	N	2	ug/L	05/31/2021	ND : ATAL	Q00903060046 : Straw Wattle	CA	—	07/14/2021
Arsenic, F	N	2	ug/L	07/25/2021	ND : ATAL	Q00903120030 : Rock Berm	BCM	—	10/17/2011
Boron, F	N	16.1	ug/L	05/31/2021	D : ATAL	Q00903120031 : Rock Berm	BCM	—	10/17/2011
Boron, F	N	19.7	ug/L	07/25/2021	D : ATAL	Q00903120032 : Rock Berm	BCM	—	10/17/2011
Cadmium, F	N	0.3	ug/L	07/25/2021	ND : MQL	Q00903150043 : Redi-Rock Berm	CA	09/09/2015	08/10/2015
Cadmium, F	N	0.3	ug/L	05/31/2021	ND : MQL	Q00906010001 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Chromium, F	N	3	ug/L	07/25/2021	ND : MTAL	Q00906010007 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Chromium, F	N	3	ug/L	05/31/2021	ND : MTAL	Q00906010008 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Cobalt, F	N	1	ug/L	07/25/2021	ND : ATAL	Q00906010011 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Cobalt, F	N	1	ug/L	05/31/2021	ND : ATAL	Q00906010018 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Copper, F	Y	38.9	ug/L	07/25/2021	D : MTAL	Q00906010021 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Copper, F	Y	39.5	ug/L	05/31/2021	D : MTAL	Q00906010022 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	05/31/2021	ND : MQL	Q00906010023 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	07/25/2021	ND : MQL	Q00906010024 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Gross alpha, UF	Y	30.1	pCi/L	07/25/2021	D : ATAL	Q00906010025 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Gross alpha, UF	Y	15.9	pCi/L	05/31/2021	D : ATAL	Q00906010026 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Lead, F	N	0.5	ug/L	07/25/2021	ND : MTAL	Q00906010027 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Lead, F	N	0.5	ug/L	05/31/2021	ND : MTAL	Q00906010037 : Rock Check Dam	BCM	—	05/08/2014

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Mercury, UF	N	0.067	ug/L	07/25/2021	ND : ATAL	Q00906010038 : Rock Check Dam	BCM	—	05/08/2014
Mercury, UF	N	0.096	ug/L	05/31/2021	D : ATAL	Q00906010039 : Rock Check Dam	BCM	—	05/08/2014
Nickel, F	N	0.6	ug/L	07/25/2021	ND : MTAL	Q00906010042 : Rock Check Dam	CA	09/09/2015	08/10/2015
Nickel, F	N	0.869	ug/L	05/31/2021	D : MTAL	—	—	—	—
Radium-226 and Radium-228, UF	N	1.21	pCi/L	05/31/2021	D : ATAL	—	—	—	—
Radium-226 and Radium-228, UF	N	0.918	pCi/L	07/25/2021	D : ATAL	—	—	—	—
RDX, UF	N	0.0833	ug/L	05/31/2021	ND : ATAL	—	—	—	—
RDX, UF	N	0.101	ug/L	07/25/2021	ND : ATAL	—	—	—	—
Selenium, UF	N	2	ug/L	05/31/2021	ND : ATAL	—	—	—	—
Selenium, UF	N	2	ug/L	07/25/2021	ND : ATAL	—	—	—	—
Silver, F	N	0.3	ug/L	05/31/2021	ND : MQL	—	—	—	—
Silver, F	N	0.3	ug/L	07/25/2021	ND : MQL	—	—	—	—
Thallium, F	N	0.6	ug/L	07/25/2021	ND : ATAL	—	—	—	—
Thallium, F	N	0.6	ug/L	05/31/2021	ND : ATAL	—	—	—	—
Trinitrotoluene[2,4,6-], UF	N	0.0833	ug/L	05/31/2021	ND : ATAL	—	—	—	—
Trinitrotoluene[2,4,6-], UF	N	0.101	ug/L	07/25/2021	ND : ATAL	—	—	—	—
Vanadium, F	N	1.83	ug/L	07/25/2021	D : ATAL	—	—	—	—
Vanadium, F	N	1.23	ug/L	05/31/2021	D : ATAL	—	—	—	—
Zinc, F	N	5.58	ug/L	07/25/2021	D : MTAL	—	—	—	—
Zinc, F	N	3.82	ug/L	05/31/2021	D : MTAL	—	—	—	—
Comments: The sampler was activated for corrective action monitoring on 03/26/2021. A confirmation monitoring sample was collected on 05/31/2021. The sampler was reactivated for continued monitoring on 06/15/2021 (inoperable 15 d). A second confirmation monitoring sample was collected on 07/25/2021. The monitoring stage is complete.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: Q010	Site Monitoring Area No. CHQ-SMA-7.1	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	Q01002040012 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	Q01003010010 : Earthen Berm	BCM	—	07/18/2011
—	—	—	—	—	—	Q01003010011 : Earthen Berm	BCM	—	07/18/2011
—	—	—	—	—	—	Q01003140013 : Coir Log	CA	05/21/2021	04/21/2021
—	—	—	—	—	—	Q01003140014 : Coir Log	CA	05/21/2021	04/21/2021
—	—	—	—	—	—	Q01006010003 : Rock Check Dam	BCM	04/29/2011	01/12/2011

Comments: The sampler was activated for corrective action monitoring on 04/29/2021. The sampler was shut down for winter on 11/09/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: D001	Site Monitoring Area No. DP-SMA-0.3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	D00102040025 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	D00104010026 : Earthen Channel/Swale	BCM	—	07/21/2017
—	—	—	—	—	—	D00106010018 : Rock Check Dam	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	D00106010019 : Rock Check Dam	CA	08/07/2013	07/08/2013

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 03/06/2017 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: D002	Site Monitoring Area No. DP-SMA-0.4	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	D00202040009 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	D00203060010 : Straw Wattle	CA	—	08/05/2015
—	—	—	—	—	—	D00203060012 : Straw Wattle	CA	—	05/30/2019
—	—	—	—	—	—	D00204040003 : Culvert	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	D00204060006 : Rip Rap	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	D00204060011 : Rip Rap	CA	—	05/30/2019

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: D003	Site Monitoring Area No. DP-SMA-0.6	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	D00302040015 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	D00303010013 : Earthen Berm	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	D00303010014 : Earthen Berm	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	D00303020011 : Base Course Berm	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	D00304010004 : Earthen Channel/Swale	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	D00305020010 : Sediment Basin	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	D00308020012 : Rock Cap	BCM	04/29/2011	03/29/2011

Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed on 07/26/2019. Alternative compliance was requested at all associated Site(s) on 10/27/2020.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: D004	Site Monitoring Area No. DP-SMA-1	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	D00402040015 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	D00403010002 : Earthen Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	D00403010011 : Earthen Berm	BCM	—	05/18/2011
—	—	—	—	—	—	D00403010017 : Earthen Berm	CA	—	02/08/2017
—	—	—	—	—	—	D00403020014 : Base Course Berm	BCM	—	08/04/2011
—	—	—	—	—	—	D00403120009 : Rock Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	D00403120012 : Rock Berm	BCM	—	05/18/2011
—	—	—	—	—	—	D00404060016 : Rip Rap	BCM	—	05/01/2014
—	—	—	—	—	—	D00406030006 : Juniper Bales	BCM	04/29/2011	12/07/2010

Comments: The sampler was activated for baseline monitoring on 03/23/2021. The sampler was shut down for winter on 11/15/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: D005	Site Monitoring Area No. DP-SMA-2	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	D00502040012 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	D00503010011 : Earthen Berm	BCM	—	05/18/2011
—	—	—	—	—	—	D00503020003 : Base Course Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	D00506030007 : Juniper Bales	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	D00506030009 : Juniper Bales	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 03/23/2021. The sampler attempted but was unable to collect on 03/26/2021 and was reset for continued monitoring on 05/03/2021 (inoperable 38 d). The sampler attempted but was unable to collect on 06/18/2021 and was reset for continued monitoring on 06/22/2021 (inoperable 4 d). The sampler was found to be inoperable due to equipment failure on 08/10/2021 with a recorded loss of power on 07/30/2021 (inoperable 11 d). The sampler was shut down for winter on 11/15/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: D006	Site Monitoring Area No. DP-SMA-2.35	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	D00602040007 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	D00603020002 : Base Course Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	D00604060004 : Rip Rap	BCM	04/29/2011	12/07/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: D007	Site Monitoring Area No. DP-SMA-3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	D00702040023 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	D00703010016 : Earthen Berm	CA	09/29/2012	08/30/2012
—	—	—	—	—	—	D00703010017 : Earthen Berm	CA	09/29/2012	08/30/2012
—	—	—	—	—	—	D00703010018 : Earthen Berm	CA	09/29/2012	08/30/2012
—	—	—	—	—	—	D00703010019 : Earthen Berm	CA	09/29/2012	08/30/2012
—	—	—	—	—	—	D00703010020 : Earthen Berm	CA	09/29/2012	08/30/2012
—	—	—	—	—	—	D00703010021 : Earthen Berm	CA	09/29/2012	08/30/2012
—	—	—	—	—	—	D00703010022 : Earthen Berm	CA	09/29/2012	08/30/2012
—	—	—	—	—	—	D00703120015 : Rock Berm	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	D00706010008 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	D00706010009 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	D00706010010 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	D00706010011 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	D00706010012 : Rock Check Dam	BCM	04/29/2011	01/12/2011

Comments: No confirmation monitoring was conducted in 2021. Corrective action monitoring was completed on 08/09/2019. Alternative compliance was requested at all associated Site(s) on 10/27/2020.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: D008	Site Monitoring Area No. DP-SMA-4	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	D00802040009 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	D00803010007 : Earthen Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	D00804050014 : Water Bar	BCM	—	11/04/2019
—	—	—	—	—	—	D00804060013 : Rip Rap	BCM	—	11/04/2019
—	—	—	—	—	—	D00806010008 : Rock Check Dam	BCM	—	09/13/2011
—	—	—	—	—	—	D00808020012 : Rock Cap	BCM	—	08/01/2016

Comments: The sampler was activated for baseline monitoring on 03/23/2021. The sampler was shut down for winter on 11/22/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: F001	Site Monitoring Area No. F-SMA-2	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	Y	839	ug/L	08/26/2021	D : MTAL	F00102040018 : Established Vegetation	BCM	—	05/08/2013
Antimony, F	N	1	ug/L	08/26/2021	ND : ATAL	F00103010017 : Earthen Berm	BCM	—	09/18/2012
Arsenic, F	N	2	ug/L	08/26/2021	ND : ATAL	F00103010024 : Earthen Berm	CA	—	08/21/2015
Boron, F	N	24.7	ug/L	08/26/2021	D : ATAL	F00103010025 : Earthen Berm	CA	10/28/2015	09/28/2015
Cadmium, F	N	0.3	ug/L	08/26/2021	ND : MQL	F00103010026 : Earthen Berm	CA	10/28/2015	09/28/2015
Chromium, F	N	3	ug/L	08/26/2021	ND : MTAL	F00103010027 : Earthen Berm	CA	10/28/2015	09/28/2015
Cobalt, F	N	1	ug/L	08/26/2021	ND : ATAL	F00103010028 : Earthen Berm	CA	10/28/2015	09/28/2015
Copper, F	Y	8.87	ug/L	08/26/2021	D : MTAL	F00103010029 : Earthen Berm	CA	10/28/2015	09/28/2015
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	08/26/2021	ND : MQL	F00103010030 : Earthen Berm	CA	10/28/2015	09/28/2015
Gross alpha, UF	Y	37.2	pCi/L	08/26/2021	D : ATAL	F00103010031 : Earthen Berm	CA	10/28/2015	09/28/2015
Lead, F	N	7.35	ug/L	08/26/2021	D : MTAL	F00103010035 : Earthen Berm	CA	—	08/21/2015
Mercury, UF	N	0.076	ug/L	08/26/2021	D : ATAL	F00103010036 : Earthen Berm	CA	10/28/2015	09/28/2015
Nickel, F	N	1.59	ug/L	08/26/2021	D : MTAL	F00103010037 : Earthen Berm	CA	10/28/2015	09/28/2015
Radium-226 and Radium-228, UF	N	8.13	pCi/L	08/26/2021	D : ATAL	F00103010039 : Earthen Berm	CA	10/28/2015	09/28/2015
RDX, UF	N	0.674	ug/L	08/26/2021	D : ATAL	F00103010040 : Earthen Berm	CA	10/28/2015	09/28/2015
Selenium, UF	Y	6.91	ug/L	08/26/2021	D : ATAL	F00103010041 : Earthen Berm	CA	10/28/2015	09/28/2015
Silver, F	N	0.3	ug/L	08/26/2021	ND : MQL	F00103010042 : Earthen Berm	CA	10/28/2015	09/28/2015
Thallium, F	N	0.6	ug/L	08/26/2021	ND : ATAL	F00103010043 : Earthen Berm	CA	10/28/2015	09/28/2015
Trinitrotoluene[2,4,6-], UF	N	0.0847	ug/L	08/26/2021	ND : ATAL	F00103010044 : Earthen Berm	CA	10/28/2015	09/28/2015
Vanadium, F	N	3.24	ug/L	08/26/2021	D : ATAL	F00103120021 : Rock Berm	CA	10/28/2015	09/28/2015
Zinc, F	N	9.26	ug/L	08/26/2021	D : MTAL	F00103120023 : Rock Berm	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	F00103140052 : Coir Log	CA	—	07/19/2021

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	F00104010001 : Earthen Channel/Swale	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	F00104010038 : Earthen Channel/Swale	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	F00104050033 : Water Bar	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	F00104060034 : Rip Rap	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	F00104060049 : Rip Rap	CA	–	10/12/2018
–	–	–	–	–	–	F00104060050 : Rip Rap	CA	–	10/12/2018
–	–	–	–	–	–	F00105060022 : Infiltration Basin	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	F00106010045 : Rock Check Dam	CA	–	10/12/2018
–	–	–	–	–	–	F00106010046 : Rock Check Dam	CA	–	10/12/2018
–	–	–	–	–	–	F00106010047 : Rock Check Dam	CA	–	10/12/2018
Comments: The sampler was activated for corrective action monitoring on 03/29/2021. A confirmation monitoring sample was collected on 08/26/2021. The sampler was reactivated for continued monitoring on 09/09/2021 (inoperable 15 d). The sampler was disabled during RTU maintenance on 09/14/2021 and was reset for continued monitoring on 09/15/2021 (inoperable 1 d). The sampler was shut down for winter on 11/04/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L001	Site Monitoring Area No. LA-SMA-0.85	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L00102040009 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	L00103010008 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	L00103090006 : Curbing	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	L00106010010 : Rock Check Dam	CA	—	10/23/2015
—	—	—	—	—	—	L00107010004 : Gabion	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L002	Site Monitoring Area No. LA-SMA-0.9	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L00202040020 : Established Vegetation	BCM	—	05/16/2013
—	—	—	—	—	—	L00203010023 : Earthen Berm	BCM	—	06/04/2014
—	—	—	—	—	—	L00203010024 : Earthen Berm	BCM	—	06/04/2014
—	—	—	—	—	—	L00203010027 : Earthen Berm	BCM	—	10/23/2014
—	—	—	—	—	—	L00203090002 : Curbing	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	L00203090003 : Curbing	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	L00204040004 : Culvert	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	L00204040026 : Culvert	BCM	—	10/23/2014

Comments: The sampler was activated for baseline monitoring on 03/23/2021. On 11/09/2021 a sample of insufficient volume was found with no collection date recorded and the actuator was found to be buried by wildlife activity. The collection date and start of inoperability is estimated at 10/26/2021 based on it being the only precipitation date occurring after the previous inspection on 10/21/2021 (inoperable up to 7 d). The sampler was shut down for winter on 11/09/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L003	Site Monitoring Area No. LA-SMA-1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L00302040025 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	L00303010019 : Earthen Berm	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	L00303100015 : Gravel Bags	BCM	—	05/15/2012
—	—	—	—	—	—	L00303120018 : Rock Berm	BCM	—	08/02/2012
—	—	—	—	—	—	L00303120027 : Rock Berm	CA	—	06/30/2015
—	—	—	—	—	—	L00304020005 : Concrete/Asphalt Channel/Swale	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	L00304030020 : Rock Channel/Swale	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	L00304040004 : Culvert	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	L00304040021 : Culvert	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	L00304060022 : Rip Rap	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	L00304060023 : Rip Rap	BCM	—	10/31/2012
—	—	—	—	—	—	L00304060024 : Rip Rap	BCM	—	10/31/2012

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed at Site 00-017 on 09/29/2015 with certification of completion of corrective action under E.2(c). Alternative compliance was requested on 05/06/2015 at Site C-00-044.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L004	Site Monitoring Area No. LA-SMA-1.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L00402040007 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	L00404060003 : Rip Rap	BCM	04/29/2011	12/08/2010
—	—	—	—	—	—	L00404060005 : Rip Rap	BCM	—	09/29/2011
—	—	—	—	—	—	L00406010004 : Rock Check Dam	BCM	04/29/2011	12/08/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L005	Site Monitoring Area No. LA-SMA-1.25	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L00502040008 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	L00503010007 : Earthen Berm	CA	09/29/2012	08/30/2012
—	—	—	—	—	—	L00503020001 : Base Course Berm	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L030	Site Monitoring Area No. LA-SMA-10.11	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L03004060003 : Rip Rap	BCM	04/29/2011	12/08/2010
–	–	–	–	–	–	L03004060009 : Rip Rap	BCM	04/29/2011	12/08/2010
–	–	–	–	–	–	L03006010001 : Rock Check Dam	BCM	04/29/2011	12/08/2010

Comments: The sampler was activated for baseline monitoring on 04/08/2021. The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L030A	Site Monitoring Area No. LA-SMA-10.12	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L030A02040032 : Established Vegetation	BCM	–	04/26/2013
–	–	–	–	–	–	L030A03010025 : Earthen Berm	BCM	–	08/15/2011
–	–	–	–	–	–	L030A03010026 : Earthen Berm	CA	12/30/2012	11/30/2012
–	–	–	–	–	–	L030A03010027 : Earthen Berm	CA	12/30/2012	11/30/2012
–	–	–	–	–	–	L030A03060028 : Straw Wattle	CA	12/30/2012	11/30/2012
–	–	–	–	–	–	L030A03060034 : Straw Wattle	CA	–	08/16/2016
–	–	–	–	–	–	L030A03060035 : Straw Wattle	CA	–	08/16/2016
–	–	–	–	–	–	L030A03060036 : Straw Wattle	CA	–	08/16/2016
–	–	–	–	–	–	L030A03060037 : Straw Wattle	CA	–	08/11/2021
–	–	–	–	–	–	L030A03060038 : Straw Wattle	CA	–	08/11/2021
–	–	–	–	–	–	L030A03120005 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120006 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120009 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120012 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120015 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120016 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120017 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120019 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120020 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120021 : Rock Berm	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A03120030 : Rock Berm	CA	12/30/2012	11/30/2012
–	–	–	–	–	–	L030A04060007 : Rip Rap	BCM	04/29/2011	04/26/2011

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L030A06010001 : Rock Check Dam	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A06010002 : Rock Check Dam	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A06010003 : Rock Check Dam	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A06010008 : Rock Check Dam	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L030A06010011 : Rock Check Dam	BCM	04/29/2011	04/26/2011
Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 03/04/2016 with certification of completion of corrective action under E.2(a).									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L006	Site Monitoring Area No. LA-SMA-2.1	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L00601060009 : Erosion Control Blanket	BCM	–	06/05/2012
–	–	–	–	–	–	L00601060015 : Erosion Control Blanket	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	L00602030017 : Permanent Vegetation Vegetative Buffer Strip	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	L00602040011 : Established Vegetation	BCM	–	05/13/2013
–	–	–	–	–	–	L00603080002 : Retaining Wall	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L00603140014 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	L00604010010 : Earthen Channel/Swale	BCM	–	10/19/2012
–	–	–	–	–	–	L00604040018 : Culvert	CA	–	09/15/2016
–	–	–	–	–	–	L00604060006 : Rip Rap	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	L00605020016 : Sediment Basin	CA	10/25/2014	09/25/2014

Comments: The sampler was activated for corrective action monitoring on 03/18/2021. The sampler was found to be inoperable due to equipment failure on 05/21/2021 and was last known to be operable at the prior inspection on 05/20/2021 (inoperable up to 1 d). The sampler was found to be inoperable due to equipment failure on 06/16/2021 with a recorded loss of power on 06/12/2021 (inoperable 4 d). The sampler was found to be inoperable due to equipment failure on 07/28/2021 and was last known to be operable on 07/21/2021 (inoperable up to 7 d). The sampler was shut down for winter on 11/09/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L007	Site Monitoring Area No. LA-SMA-2.3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L00702040006 : Established Vegetation	BCM	–	05/13/2013
–	–	–	–	–	–	L00703060010 : Straw Wattle	CA	–	09/21/2018
–	–	–	–	–	–	L00703080002 : Retaining Wall	BCM	04/29/2011	12/08/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L008	Site Monitoring Area No. LA-SMA-3.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L00802040007 : Established Vegetation	BCM	–	05/14/2013
–	–	–	–	–	–	L00803140010 : Coir Log	BCM	–	12/18/2019
–	–	–	–	–	–	L00804040004 : Culvert	BCM	12/01/2010	11/01/2010
Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested for 01-003(a) on 04/22/2019. Corrective action was completed for 01-001(e) on 12/23/2019 with certification of completion of corrective action under E.2(d).									

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L009	Site Monitoring Area No. LA-SMA-3.9	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L00901060007 : Erosion Control Blanket	BCM	—	09/07/2016
—	—	—	—	—	—	L00902040005 : Established Vegetation	BCM	—	05/14/2013
—	—	—	—	—	—	L00904040002 : Culvert	BCM	04/29/2011	12/08/2010
—	—	—	—	—	—	L00906020008 : Log Check Dam	BCM	—	09/07/2016

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler was shut down for winter on 11/05/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L010	Site Monitoring Area No. LA-SMA-4.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01001060011 : Erosion Control Blanket	CA	—	09/07/2016
—	—	—	—	—	—	L01002040010 : Established Vegetation	BCM	—	04/02/2013
—	—	—	—	—	—	L01003060012 : Straw Wattle	CA	—	09/07/2016

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L011	Site Monitoring Area No. LA-SMA-4.2	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01102040008 : Established Vegetation	BCM	—	04/02/2013
—	—	—	—	—	—	L01103140016 : Coir Log	BCM	—	09/18/2019
—	—	—	—	—	—	L01103140017 : Coir Log	BCM	—	09/18/2019
—	—	—	—	—	—	L01106010002 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	L01106010005 : Rock Check Dam	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler was found to be inoperable due to equipment failure on 06/07/2021 and was last known to be operable on 05/25/2021 (inoperable up to 13 d). The sampler was shut down for winter on 11/05/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L012	Site Monitoring Area No. LA-SMA-5.01	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01201060029 : Erosion Control Blanket	BCM	—	06/19/2018
—	—	—	—	—	—	L01202040012 : Established Vegetation	BCM	—	04/02/2013
—	—	—	—	—	—	L01203010004 : Earthen Berm	BCM	04/29/2011	12/08/2010
—	—	—	—	—	—	L01203010007 : Earthen Berm	BCM	04/29/2011	12/08/2010
—	—	—	—	—	—	L01203100023 : Gravel Bags	BCM	—	08/04/2015
—	—	—	—	—	—	L01203120010 : Rock Berm	BCM	04/29/2011	12/16/2010
—	—	—	—	—	—	L01203140030 : Coir Log	BCM	—	10/01/2018
—	—	—	—	—	—	L01204050008 : Water Bar	BCM	04/29/2011	12/16/2010
—	—	—	—	—	—	L01204060006 : Rip Rap	BCM	04/29/2011	12/08/2010
—	—	—	—	—	—	L01204060028 : Rip Rap	BCM	—	06/19/2018

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler was shut down for winter on 11/05/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L012A	Site Monitoring Area No. LA-SMA-5.02	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L012A02040012 : Established Vegetation	BCM	—	04/02/2013
—	—	—	—	—	—	L012A03090022 : Curbing	CA	—	11/03/2014
—	—	—	—	—	—	L012A03140029 : Coir Log	CA	—	09/18/2019

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L013	Site Monitoring Area No. LA-SMA-5.2	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01302040005 : Established Vegetation	BCM	—	05/16/2013
—	—	—	—	—	—	L01303140008 : Coir Log	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	L01304060011 : Rip Rap	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	L01306020007 : Log Check Dam	BCM	—	05/29/2013
—	—	—	—	—	—	L01306020009 : Log Check Dam	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	L01306020010 : Log Check Dam	CA	08/13/2021	07/14/2021

Comments: The sampler was activated for corrective action monitoring on 07/15/2021. The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L015	Site Monitoring Area No. LA-SMA-5.31	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L01501010015 : Seed and Wood Mulch	CA	–	05/16/2013
–	–	–	–	–	–	L01503010012 : Earthen Berm	CA	–	11/27/2012
–	–	–	–	–	–	L01503120011 : Rock Berm	CA	08/26/2012	07/27/2012
–	–	–	–	–	–	L01504060013 : Rip Rap	CA	–	11/27/2012

Comments: The sampler was activated for corrective action monitoring on 03/23/2021. The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L016	Site Monitoring Area No. LA-SMA-5.33	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01602040014 : Established Vegetation	BCM	—	05/14/2013
—	—	—	—	—	—	L01603010009 : Earthen Berm	CA	08/29/2012	07/30/2012

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 03/07/2013 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L014	Site Monitoring Area No. LA-SMA-5.35	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01408030010 : Concrete/Asphalt Cap	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	L01408030014 : Concrete/Asphalt Cap	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	L01408040011 : Metal Cap	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	L01408040012 : Metal Cap	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	L01408040013 : Metal Cap	CA	12/27/2012	11/27/2012

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L017	Site Monitoring Area No. LA-SMA-5.361	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01702040010 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L01703020012 : Base Course Berm	BCM	—	06/10/2015
—	—	—	—	—	—	L01706010009 : Rock Check Dam	BCM	—	07/12/2011
—	—	—	—	—	—	L01708020013 : Rock Cap	BCM	—	06/10/2015

Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed on 08/07/2019. Alternative compliance was requested at all associated Site(s) on 10/27/2020.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L017A	Site Monitoring Area No. LA-SMA-5.362	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L017A02040010 : Established Vegetation	BCM	–	04/17/2013
–	–	–	–	–	–	L017A03020012 : Base Course Berm	BCM	–	06/10/2015
–	–	–	–	–	–	L017A03100014 : Gravel Bags	BCM	–	11/29/2018
–	–	–	–	–	–	L017A06010006 : Rock Check Dam	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	L017A08020013 : Rock Cap	BCM	–	06/10/2015

Comments: The sampler was activated for baseline monitoring on 04/01/2021. The sampler was shut down for winter on 11/19/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L018	Site Monitoring Area No. LA-SMA-5.51	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01802040009 : Established Vegetation	BCM	—	04/11/2013
—	—	—	—	—	—	L01803010010 : Earthen Berm	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	L01803010011 : Earthen Berm	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	L01803010012 : Earthen Berm	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	L01807010003 : Gabion	BCM	04/29/2011	03/29/2011

Comments: The sampler was activated for corrective action monitoring on 03/19/2021. The sampler was shut down for winter on 11/12/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L018A	Site Monitoring Area No. LA-SMA-5.52	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L018A01060021 : Erosion Control Blanket	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A02040007 : Established Vegetation	BCM	—	04/11/2013
—	—	—	—	—	—	L018A03010009 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A03140011 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A03140012 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A03140013 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A03140014 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A03140018 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A03140019 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A04030008 : Rock Channel/Swale	CA	—	08/22/2014
—	—	—	—	—	—	L018A06010010 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	L018A06010020 : Rock Check Dam	CA	11/27/2015	10/28/2015

Comments: The sampler was activated for corrective action monitoring on 03/19/2021. The sampler was shut down for winter on 11/12/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L018B	Site Monitoring Area No. LA-SMA-5.53	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L018B02040007 : Established Vegetation	BCM	—	04/11/2013
—	—	—	—	—	—	L018B03010002 : Earthen Berm	BCM	04/29/2011	03/29/2011

Comments: The sampler was activated for baseline monitoring on 03/19/2021. The sampler was shut down for winter on 11/12/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L018C	Site Monitoring Area No. LA-SMA-5.54	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L018C02040033 : Established Vegetation	CA	–	11/09/2015
–	–	–	–	–	–	L018C03010002 : Earthen Berm	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	L018C03010014 : Earthen Berm	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	L018C03010015 : Earthen Berm	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	L018C03120024 : Rock Berm	CA	–	09/11/2014
–	–	–	–	–	–	L018C03140020 : Coir Log	CA	–	08/07/2014
–	–	–	–	–	–	L018C03140021 : Coir Log	CA	–	08/07/2014
–	–	–	–	–	–	L018C03140022 : Coir Log	CA	–	08/07/2014
–	–	–	–	–	–	L018C03140026 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	L018C03140029 : Coir Log	CA	–	09/17/2014
–	–	–	–	–	–	L018C03140034 : Coir Log	CA	–	11/28/2018
–	–	–	–	–	–	L018C03140035 : Coir Log	CA	–	08/26/2019
–	–	–	–	–	–	L018C04030013 : Rock Channel/Swale	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	L018C04080016 : TRM-Lined Swale	CA	–	08/22/2014
–	–	–	–	–	–	L018C06010017 : Rock Check Dam	CA	–	09/10/2014
–	–	–	–	–	–	L018C06010018 : Rock Check Dam	CA	–	09/10/2014

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L018C06010019 : Rock Check Dam	CA	—	09/10/2014
—	—	—	—	—	—	L018C06010023 : Rock Check Dam	CA	—	09/10/2014

Comments: The sampler was activated for corrective action monitoring on 03/19/2021. The sampler was shut down for winter on 11/12/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L019	Site Monitoring Area No. LA-SMA-5.91	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L01902040010 : Established Vegetation	BCM	—	05/14/2013
—	—	—	—	—	—	L01905020015 : Sediment Basin	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	L01906020013 : Log Check Dam	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	L01906020014 : Log Check Dam	CA	08/07/2013	07/08/2013

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed at Site 21-023(c) on 08/21/2013 and at Site 21-009 on 03/06/2017 with certification of completion of corrective action under E.2(d). Alternative compliance was requested at Site 21-021 on 05/06/2015. A Certificate of Completion under NMED's Consent Order was recommended in December 2015 for Site 21-027(d) and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015 under E.4(c).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L019A	Site Monitoring Area No. LA-SMA-5.92	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L019A02040007 : Established Vegetation	BCM	–	05/14/2013
–	–	–	–	–	–	L019A03010020 : Earthen Berm	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A03020012 : Base Course Berm	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A03030021 : Log Berm	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A03030022 : Log Berm	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A03140023 : Coir Log	CA	–	09/22/2016
–	–	–	–	–	–	L019A04010019 : Earthen Channel/Swale	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A04060011 : Rip Rap	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A04060013 : Rip Rap	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A05020006 : Sediment Basin	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	L019A06010014 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A06010015 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A06010016 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A06010017 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A06010018 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	L019A06020009 : Log Check Dam	CA	–	01/29/2014

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L019A06020010 : Log Check Dam	CA	—	01/29/2014
Comments: The sampler was activated for corrective action monitoring on 03/30/2021. On 06/01/2021 the sampler was found to have attempted a sample collection at an undocumented time. The collection attempt date was estimated as 05/30/2021 using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. There was no period of inoperability with this event. The sampler attempted but was unable to collect on 06/17/2021 with no associated inoperable time. The sampler was found to be inoperable due to equipment failure on 08/05/2021 and was last known to be operable at the prior inspection on 06/21/2021 (inoperable up to 45 d). The sampler was found to be inoperable due to equipment failure on 08/17/2021 with pooled water and a recorded loss of power on 08/15/2021 (inoperable 2 d). The sampler was shut down for winter on 11/09/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L020	Site Monitoring Area No. LA-SMA-6.25	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L02002040007 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L02003040002 : Asphalt Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	L02003140015 : Coir Log	BCM	—	08/29/2019
—	—	—	—	—	—	L02006010013 : Rock Check Dam	BCM	—	08/12/2014

Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler attempted but was unable to collect on 08/15/2021 with no associated inoperability. The sampler attempted but was unable to collect on 08/26/2021 and was reset for continued monitoring on 09/13/2021 (inoperable 18 d). The sampler was shut down for winter on 11/02/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L021	Site Monitoring Area No. LA-SMA-6.27	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L02102040011 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L02103040001 : Asphalt Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	L02103060021 : Straw Wattle	BCM	—	09/18/2019
—	—	—	—	—	—	L02103060022 : Straw Wattle	BCM	—	09/18/2019
—	—	—	—	—	—	L02106010015 : Rock Check Dam	BCM	—	01/30/2014
—	—	—	—	—	—	L02106010016 : Rock Check Dam	BCM	—	01/30/2014
—	—	—	—	—	—	L02106010017 : Rock Check Dam	BCM	—	01/30/2014

Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler was found to be inoperable due to equipment failure on 05/13/2021 with a recorded loss of power on 05/03/2021 (inoperable 10 d). The sampler was shut down for winter on 11/18/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L022	Site Monitoring Area No. LA-SMA-6.3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L02202040009 : Established Vegetation	BCM	–	04/17/2013
–	–	–	–	–	–	L02203040005 : Asphalt Berm	BCM	04/29/2011	12/07/2010
–	–	–	–	–	–	L02206010001 : Rock Check Dam	BCM	04/29/2011	12/07/2010
–	–	–	–	–	–	L02206010010 : Rock Check Dam	BCM	–	08/12/2014

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L022A	Site Monitoring Area No. LA-SMA-6.31	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L022A02040008 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L022A03040002 : Asphalt Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	L022A06010005 : Rock Check Dam	BCM	04/29/2011	12/07/2010

Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler was shut down for winter on 11/18/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L023	Site Monitoring Area No. LA-SMA-6.32	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L02302040006 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L02303040002 : Asphalt Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	L02303060005 : Straw Wattle	BCM	—	06/04/2012
—	—	—	—	—	—	L02303060007 : Straw Wattle	BCM	—	06/04/2019

Comments: The sampler was activated for baseline monitoring on 03/23/2021. The sampler attempted but was unable to collect on 03/26/2021 and was reset for continued monitoring on 05/06/2021 (inoperable 41 d). The sampler was shut down for winter on 11/15/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L024	Site Monitoring Area No. LA-SMA-6.34	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L02402040006 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L02403040003 : Asphalt Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	L02406010005 : Rock Check Dam	BCM	04/29/2011	12/07/2010

Comments: The sampler was activated for baseline monitoring on 03/29/2021. The sampler was found to be inoperable due to equipment failure on 6/11/2021 with a recorded loss of power on 06/03/2021 (inoperable 8 d). The sampler was shut down for winter on 11/24/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L025	Site Monitoring Area No. LA-SMA-6.36	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	L02502040010 : Established Vegetation	BCM	–	04/17/2013
–	–	–	–	–	–	L02503010008 : Earthen Berm	BCM	04/29/2011	12/07/2010
–	–	–	–	–	–	L02503010009 : Earthen Berm	BCM	04/29/2011	12/07/2010
–	–	–	–	–	–	L02504050012 : Water Bar	BCM	–	11/27/2019

Comments: The sampler was activated for baseline monitoring on 03/29/2021. The sampler was shut down for winter on 11/04/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L026	Site Monitoring Area No. LA-SMA-6.38	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L02602040011 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L02603060013 : Straw Wattle	BCM	—	09/18/2019
—	—	—	—	—	—	L02604060006 : Rip Rap	BCM	04/29/2011	12/07/2010

Comments: The sampler was activated for baseline monitoring on 03/29/2021. The sampler was shut down for winter on 11/04/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L027	Site Monitoring Area No. LA-SMA-6.395	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L02702040008 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L02703010004 : Earthen Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	L02703010005 : Earthen Berm	BCM	04/29/2011	12/07/2010
Comments: No confirmation monitoring was conducted in 2021. A Certificate of Completion under NMED's Consent Order was recommended on 06/18/2015 for all associated Site(s) and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015 under E.4(c).									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L028	Site Monitoring Area No. LA-SMA-6.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L02802040008 : Established Vegetation	BCM	—	04/17/2013
—	—	—	—	—	—	L02803010004 : Earthen Berm	BCM	04/29/2011	12/07/2010
—	—	—	—	—	—	L02803010006 : Earthen Berm	BCM	04/29/2011	12/16/2010
—	—	—	—	—	—	L02806010002 : Rock Check Dam	BCM	04/29/2011	12/07/2010

Comments: The sampler was activated for baseline monitoring on 03/29/2021. The sampler was shut down for winter on 11/02/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: L029	Site Monitoring Area No. LA-SMA-9	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	L02902040015 : Established Vegetation	BCM	—	05/14/2013
—	—	—	—	—	—	L02903010014 : Earthen Berm	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	L02903020019 : Base Course Berm	BCM	—	10/30/2015
—	—	—	—	—	—	L02903020021 : Base Course Berm	BCM	—	10/30/2015
—	—	—	—	—	—	L02903120018 : Rock Berm	BCM	—	10/30/2015
—	—	—	—	—	—	L02904050009 : Water Bar	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	L02904050010 : Water Bar	BCM	04/29/2011	03/29/2011

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M001	Site Monitoring Area No. M-SMA-1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M00102040009 : Established Vegetation	BCM	—	04/04/2013
—	—	—	—	—	—	M00107010001 : Gabion	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	M00107010006 : Gabion	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	M00107010008 : Gabion	CA	12/27/2012	11/27/2012

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M002	Site Monitoring Area No. M-SMA-1.2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M00202040009 : Established Vegetation	BCM	—	04/04/2013
—	—	—	—	—	—	M00203060012 : Straw Wattle	CA	—	09/18/2014
—	—	—	—	—	—	M00203140011 : Coir Log	CA	10/25/2014	09/25/2014
—	—	—	—	—	—	M00204060008 : Rip Rap	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M00205020010 : Sediment Basin	CA	10/25/2014	09/25/2014
—	—	—	—	—	—	M00206010003 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M00206010004 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action monitoring was completed on 01/16/2018. Alternative compliance was requested at all associated Site(s) on 04/22/2019.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M002A	Site Monitoring Area No. M-SMA-1.21	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M002A02040007 : Established Vegetation	BCM	—	04/04/2013
—	—	—	—	—	—	M002A03010006 : Earthen Berm	BCM	—	08/05/2011
—	—	—	—	—	—	M002A03020002 : Base Course Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M002A03120005 : Rock Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M002A04060003 : Rip Rap	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M002A06010004 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed on 10/24/2018. A Certificate of Completion under NMED's Consent Order was recommended in December 2015 for Site 03-049(e) and a request for force majeure extension of the deadline to complete corrective action is planned under E.4(c).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M002B	Site Monitoring Area No. M-SMA-1.22	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M002B02040014 : Established Vegetation	BCM	—	04/04/2013
—	—	—	—	—	—	M002B03010010 : Earthen Berm	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	M002B03010011 : Earthen Berm	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	M002B03010012 : Earthen Berm	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	M002B04050002 : Water Bar	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	M002B05030013 : Sand Filter	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	M002B06010008 : Rock Check Dam	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	M002B06010009 : Rock Check Dam	BCM	04/29/2011	01/12/2011
Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.									

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M012	Site Monitoring Area No. M-SMA-10	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01202040012 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	M01204060004 : Rip Rap	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M01204060007 : Rip Rap	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M01206010001 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M01206010005 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M01206010006 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M01206010009 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M01206010010 : Rock Check Dam	BCM	04/29/2011	12/13/2010
Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/29/2015 with certification of completion of corrective action under E.2(d).									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M012A	Site Monitoring Area No. M-SMA-10.01	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M012A02040008 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	M012A03010006 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	M012A03010007 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	M012A06010003 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M013	Site Monitoring Area No. M-SMA-10.3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01302040014 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	M01303010012 : Earthen Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M01303100013 : Gravel Bags	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M01306010017 : Rock Check Dam	CA	—	08/25/2014
—	—	—	—	—	—	M01306010018 : Rock Check Dam	CA	—	08/25/2014
—	—	—	—	—	—	M01306010020 : Rock Check Dam	CA	—	08/26/2019
—	—	—	—	—	—	M01306010021 : Rock Check Dam	CA	—	08/26/2019
—	—	—	—	—	—	M01308020019 : Rock Cap	CA	—	07/12/2017
Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2013 with certification of completion of corrective action under E.2(d).									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M014	Site Monitoring Area No. M-SMA-11.1	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01402040008 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	M01403090005 : Curbing	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M01403100010 : Gravel Bags	BCM	—	10/20/2015
—	—	—	—	—	—	M01404060001 : Rip Rap	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M01406020006 : Log Check Dam	BCM	04/29/2011	12/13/2010

Comments: The sampler was activated for baseline monitoring on 03/22/2021. The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M015	Site Monitoring Area No. M-SMA-12	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01502040008 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	M01503090010 : Curbing	BCM	—	12/04/2017
—	—	—	—	—	—	M01506020001 : Log Check Dam	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	M01506020006 : Log Check Dam	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	M01506020007 : Log Check Dam	BCM	04/29/2011	03/29/2011

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M016	Site Monitoring Area No. M-SMA-12.5	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01601010011 : Seed and Wood Mulch	BCM	—	06/15/2011
—	—	—	—	—	—	M01602040012 : Established Vegetation	BCM	—	05/01/2013
—	—	—	—	—	—	M01603010009 : Earthen Berm	BCM	—	06/15/2011
—	—	—	—	—	—	M01603010010 : Earthen Berm	BCM	—	06/15/2011
—	—	—	—	—	—	M01603100013 : Gravel Bags	BCM	—	08/28/2017

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M017	Site Monitoring Area No. M-SMA-12.6	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01701010013 : Seed and Wood Mulch	BCM	—	08/15/2012
—	—	—	—	—	—	M01702040014 : Established Vegetation	BCM	—	05/01/2013
—	—	—	—	—	—	M01703010010 : Earthen Berm	BCM	—	06/15/2011
—	—	—	—	—	—	M01703020005 : Base Course Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M01703020006 : Base Course Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M01703020007 : Base Course Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M01703060016 : Straw Wattle	CA	—	—
—	—	—	—	—	—	M01706010008 : Rock Check Dam	BCM	04/29/2011	04/26/2011
Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 05/16/2019 with certification of completion of corrective action under E.2(d).									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M018	Site Monitoring Area No. M-SMA-12.7	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01802040012 : Established Vegetation	BCM	—	05/01/2013
—	—	—	—	—	—	M01803120017 : Rock Berm	BCM	—	12/20/2016
—	—	—	—	—	—	M01803140014 : Coir Log	BCM	—	12/20/2016
—	—	—	—	—	—	M01803140015 : Coir Log	BCM	—	12/20/2016
—	—	—	—	—	—	M01803140016 : Coir Log	BCM	—	12/20/2016
—	—	—	—	—	—	M01803160013 : Wood Chip Wattle	BCM	—	07/14/2015
—	—	—	—	—	—	M01806020009 : Log Check Dam	BCM	04/29/2011	12/13/2010

Comments: The sampler was activated for baseline monitoring on 03/22/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M019	Site Monitoring Area No. M-SMA-12.8	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01902040010 : Established Vegetation	BCM	—	05/01/2013
—	—	—	—	—	—	M01903060009 : Straw Wattle	BCM	—	08/13/2012
—	—	—	—	—	—	M01903120012 : Rock Berm	BCM	—	12/20/2016
—	—	—	—	—	—	M01903140013 : Coir Log	CA	—	09/25/2019
—	—	—	—	—	—	M01903160011 : Wood Chip Wattle	BCM	—	07/14/2015

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M020	Site Monitoring Area No. M-SMA-12.9	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M02002040012 : Established Vegetation	BCM	—	05/01/2013
—	—	—	—	—	—	M02003010008 : Earthen Berm	BCM	—	07/29/2011
—	—	—	—	—	—	M02003120019 : Rock Berm	CA	—	04/22/2016
—	—	—	—	—	—	M02003140022 : Coir Log	BCM	—	11/02/2017
—	—	—	—	—	—	M02003160014 : Wood Chip Wattle	BCM	—	07/14/2015
—	—	—	—	—	—	M02006020013 : Log Check Dam	BCM	—	05/01/2013

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M021	Site Monitoring Area No. M-SMA-12.92	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M02102040005 : Established Vegetation	BCM	—	05/01/2013
—	—	—	—	—	—	M02104060006 : Rip Rap	BCM	—	01/09/2017
—	—	—	—	—	—	M02105010001 : Sediment Trap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	M02105010003 : Sediment Trap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	M02105010004 : Sediment Trap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	M02107010007 : Gabion	BCM	—	01/09/2017

Comments: The sampler was activated for baseline monitoring on 03/22/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M022	Site Monitoring Area No. M-SMA-13	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	Y	890	ug/L	08/26/2021	D : MTAL	M02202040014 : Established Vegetation	BCM	—	05/01/2013
Antimony, F	N	1	ug/L	08/26/2021	ND : ATAL	M02203010013 : Earthen Berm	BCM	—	07/28/2011
Arsenic, F	N	2	ug/L	08/26/2021	ND : ATAL	M02203020018 : Base Course Berm	BCM	—	10/22/2020
Boron, F	N	25	ug/L	08/26/2021	D : ATAL	M02204060019 : Rip Rap	BCM	—	10/22/2020
Cadmium, F	N	0.3	ug/L	08/26/2021	ND : MQL	M02206010008 : Rock Check Dam	BCM	04/29/2011	12/13/2010
Chromium, F	N	3	ug/L	08/26/2021	ND : MTAL	M02206010009 : Rock Check Dam	BCM	04/29/2011	12/13/2010
Cobalt, F	N	1	ug/L	08/26/2021	ND : ATAL	M02206010010 : Rock Check Dam	BCM	04/29/2011	12/13/2010
Copper, F	Y	9.21	ug/L	08/26/2021	D : MTAL	M02206020001 : Log Check Dam	BCM	04/29/2011	12/13/2010
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	08/26/2021	ND : MQL	M02206020003 : Log Check Dam	BCM	04/29/2011	12/13/2010
Gross alpha, UF	Y	177	pCi/L	08/26/2021	D : ATAL	M02206020015 : Log Check Dam	BCM	—	08/28/2017
Lead, F	N	7.51	ug/L	08/26/2021	D : MTAL	—	—	—	—
Mercury, UF	N	0.078	ug/L	08/26/2021	D : ATAL	—	—	—	—
Nickel, F	N	1.64	ug/L	08/26/2021	D : MTAL	—	—	—	—
Radium-226 and Radium-228, UF	N	8.73	pCi/L	08/26/2021	D : ATAL	—	—	—	—
RDX, UF	N	0.124	ug/L	08/26/2021	ND : ATAL	—	—	—	—
Selenium, UF	N	4.61	ug/L	08/26/2021	D : ATAL	—	—	—	—

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Silver, F	N	0.3	ug/L	08/26/2021	ND : MQL	—	—	—	—
Thallium, F	N	0.6	ug/L	08/26/2021	ND : ATAL	—	—	—	—
Trinitrotoluene[2,4,6-], UF	N	0.124	ug/L	08/26/2021	ND : ATAL	—	—	—	—
Vanadium, F	N	3.65	ug/L	08/26/2021	D : ATAL	—	—	—	—
Zinc, F	N	9.99	ug/L	08/26/2021	D : MTAL	—	—	—	—
Comments: The sampler was activated for baseline monitoring on 03/18/2021. A confirmation sample was collected on 08/26/2021. The geomean of the gross alpha results from 2013 and 2021 is below TAL. The monitoring stage is complete.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M003	Site Monitoring Area No. M-SMA-3	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M00304050005 : Water Bar	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00304060001 : Rip Rap	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00304060008 : Rip Rap	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00304060014 : Rip Rap	BCM	—	11/04/2014
—	—	—	—	—	—	M00304060018 : Rip Rap	CA	11/14/2015	10/15/2015
—	—	—	—	—	—	M00304080017 : TRM-Lined Swale	CA	11/14/2015	10/15/2015
—	—	—	—	—	—	M00305020015 : Sediment Basin	CA	11/14/2015	10/15/2015
—	—	—	—	—	—	M00305060016 : Infiltration Basin	CA	11/14/2015	10/15/2015

Comments: The sampler was activated for corrective action monitoring on 03/18/2021. The sampler attempted but was unable to collect on 03/18/2021 and was reset for continued monitoring on 04/13/2021 (inoperable 25 d). The sampler was found to be inoperable on 06/01/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 05/30/2021 (inoperable up to 2 d) using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. The sampler attempted but was unable to collect a sample on 07/23/2021 with no associated inoperable time. The sampler attempted but was unable to collect a sample on 07/27/2021 and was reset for continued monitoring on 07/28/2021 (inoperable 1 d). The sampler attempted but was unable to collect a sample on 08/26/2021 and was reset for continued monitoring on 08/30/2021 (inoperable 4 d). The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M004	Site Monitoring Area No. M-SMA-3.1	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	M00402040007 : Established Vegetation	BCM	–	04/29/2013
–	–	–	–	–	–	M00403040006 : Asphalt Berm	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	M00403100008 : Gravel Bags	BCM	–	07/05/2017
–	–	–	–	–	–	M00404060005 : Rip Rap	BCM	04/29/2011	12/13/2010

Comments: The sampler was activated for baseline monitoring on 03/18/2021. The sampler was shut down for winter on 11/15/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M005	Site Monitoring Area No. M-SMA-3.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M00502040018 : Established Vegetation	BCM	—	04/29/2013
—	—	—	—	—	—	M00503010015 : Earthen Berm	BCM	04/29/2011	—
—	—	—	—	—	—	M00503010016 : Earthen Berm	BCM	04/29/2011	—
—	—	—	—	—	—	M00503120009 : Rock Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00503120010 : Rock Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00503120013 : Rock Berm	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00503120014 : Rock Berm	BCM	04/29/2011	05/12/2011
—	—	—	—	—	—	M00504060011 : Rip Rap	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00504060012 : Rip Rap	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00504060017 : Rip Rap	BCM	04/29/2011	—
—	—	—	—	—	—	M00504060019 : Rip Rap	BCM	—	10/30/2014
—	—	—	—	—	—	M00506010004 : Rock Check Dam	BCM	04/29/2011	04/26/2011
—	—	—	—	—	—	M00506010005 : Rock Check Dam	BCM	04/29/2011	04/26/2011

Comments: The sampler was activated for baseline monitoring on 03/18/2021. The sampler was shut down for winter on 11/04/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M006	Site Monitoring Area No. M-SMA-4	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M00602040014 : Established Vegetation	BCM	—	04/29/2013
—	—	—	—	—	—	M00603120015 : Rock Berm	BCM	—	11/04/2014
—	—	—	—	—	—	M00604060002 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	M00604060012 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	M00606010005 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	M00606010013 : Rock Check Dam	BCM	—	11/03/2011
—	—	—	—	—	—	M00606010016 : Rock Check Dam	BCM	—	11/04/2014
—	—	—	—	—	—	M00606010017 : Rock Check Dam	BCM	—	11/04/2014
—	—	—	—	—	—	M00606010018 : Rock Check Dam	BCM	—	11/04/2014
—	—	—	—	—	—	M00607010006 : Gabion	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) on 09/29/2015 for Sites(s) 48-005, 48-007(a), 48-007(d), and 48-010. The sample required under E.1(b) was collected on 08/03/2016. Alternative compliance was requested on 05/06/2015 at Site 48-001.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M007	Site Monitoring Area No. M-SMA-5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M00702040016 : Established Vegetation	BCM	—	05/15/2013
—	—	—	—	—	—	M00703060015 : Straw Wattle	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	M00704020012 : Concrete/Asphalt Channel/Swale	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	M00704060001 : Rip Rap	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	M00704060008 : Rip Rap	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	M00706010002 : Rock Check Dam	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	M00706010007 : Rock Check Dam	BCM	04/29/2011	04/28/2011

Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M008	Site Monitoring Area No. M-SMA-6	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	M00802040024 : Established Vegetation	BCM	–	04/30/2013
–	–	–	–	–	–	M00803010049 : Earthen Berm	CA	–	03/18/2020
–	–	–	–	–	–	M00803060034 : Straw Wattle	CA	–	08/19/2015
–	–	–	–	–	–	M00803060035 : Straw Wattle	CA	–	08/19/2015
–	–	–	–	–	–	M00803060036 : Straw Wattle	CA	–	08/19/2015
–	–	–	–	–	–	M00803120031 : Rock Berm	CA	–	08/28/2014
–	–	–	–	–	–	M00804060001 : Rip Rap	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	M00804060014 : Rip Rap	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	M00804060025 : Rip Rap	BCM	–	04/30/2013
–	–	–	–	–	–	M00805020016 : Sediment Basin	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	M00806010007 : Rock Check Dam	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	M00806010017 : Rock Check Dam	BCM	–	04/11/2011
–	–	–	–	–	–	M00806010020 : Rock Check Dam	BCM	–	04/11/2011
–	–	–	–	–	–	M00806010027 : Rock Check Dam	BCM	–	12/17/2013
–	–	–	–	–	–	M00806010028 : Rock Check Dam	BCM	–	12/17/2013
–	–	–	–	–	–	M00806010032 : Rock Check Dam	CA	–	08/28/2014

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M00806010042 : Rock Check Dam	CA	—	10/27/2015
—	—	—	—	—	—	M00806010044 : Rock Check Dam	CA	—	10/27/2015
—	—	—	—	—	—	M00807020013 : Gabion Blanket	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	M00808030002 : Concrete/Asphalt Cap	BCM	04/29/2011	12/13/2010
Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M009	Site Monitoring Area No. M-SMA-7	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M00902040009 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	M00903140012 : Coir Log	CA	—	07/25/2017
—	—	—	—	—	—	M00906010003 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M010	Site Monitoring Area No. M-SMA-7.9	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01002040013 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	M01003010004 : Earthen Berm	BCM	04/29/2011	12/03/2010
—	—	—	—	—	—	M01003010010 : Earthen Berm	BCM	04/29/2011	12/03/2010
—	—	—	—	—	—	M01003010011 : Earthen Berm	BCM	04/29/2011	12/03/2010
—	—	—	—	—	—	M01003010012 : Earthen Berm	BCM	—	05/06/2011
—	—	—	—	—	—	M01003060014 : Straw Wattle	CA	—	08/22/2014
—	—	—	—	—	—	M01003060015 : Straw Wattle	CA	—	08/22/2014
—	—	—	—	—	—	M01003120005 : Rock Berm	BCM	04/29/2011	12/03/2010
—	—	—	—	—	—	M01003120006 : Rock Berm	BCM	04/29/2011	12/03/2010
—	—	—	—	—	—	M01003120016 : Rock Berm	CA	—	08/22/2014

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 04/21/2014.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: M011	Site Monitoring Area No. M-SMA-9.1	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	M01101020001 : Seed and Gravel Mulch	BCM	04/29/2011	01/12/2011
—	—	—	—	—	—	M01102040007 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	M01103120008 : Rock Berm	BCM	—	10/13/2015
—	—	—	—	—	—	M01106010005 : Rock Check Dam	BCM	04/29/2011	01/12/2011

Comments: The sampler was activated for baseline monitoring on 03/22/2021. The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P004	Site Monitoring Area No. P-SMA-0.3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	P00402040008 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	P00403010019 : Earthen Berm	CA	—	11/03/2015
—	—	—	—	—	—	P00403010020 : Earthen Berm	CA	—	11/03/2015
—	—	—	—	—	—	P00403140009 : Coir Log	BCM	—	05/08/2014
—	—	—	—	—	—	P00403140023 : Coir Log	CA	—	08/09/2018
—	—	—	—	—	—	P00404050017 : Water Bar	CA	—	11/03/2015
—	—	—	—	—	—	P00404060022 : Rip Rap	CA	—	11/03/2015
—	—	—	—	—	—	P00406010012 : Rock Check Dam	BCM	—	05/08/2014
—	—	—	—	—	—	P00406010013 : Rock Check Dam	BCM	—	05/08/2014
—	—	—	—	—	—	P00406010014 : Rock Check Dam	BCM	—	05/08/2014

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 09/16/2013 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P005	Site Monitoring Area No. P-SMA-1	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	P00501010053 : Seed and Wood Mulch	BCM	–	06/17/2016
–	–	–	–	–	–	P00502040040 : Established Vegetation	BCM	–	05/07/2013
–	–	–	–	–	–	P00503010050 : Earthen Berm	BCM	–	06/17/2016
–	–	–	–	–	–	P00503080003 : Retaining Wall	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	P00503080058 : Retaining Wall	BCM	–	03/23/2017
–	–	–	–	–	–	P00503080059 : Retaining Wall	BCM	–	03/23/2017
–	–	–	–	–	–	P00503090066 : Curbing	BCM	–	03/23/2017
–	–	–	–	–	–	P00504030057 : Rock Channel/Swale	BCM	–	03/23/2017
–	–	–	–	–	–	P00504030065 : Rock Channel/Swale	BCM	–	03/23/2017
–	–	–	–	–	–	P00504060046 : Rip Rap	BCM	–	04/17/2015
–	–	–	–	–	–	P00504060052 : Rip Rap	BCM	–	06/17/2016
–	–	–	–	–	–	P00504080051 : TRM-Lined Swale	BCM	–	06/17/2016
–	–	–	–	–	–	P00506010060 : Rock Check Dam	BCM	–	03/23/2017
–	–	–	–	–	–	P00506010061 : Rock Check Dam	BCM	–	03/23/2017
–	–	–	–	–	–	P00506010062 : Rock Check Dam	BCM	–	03/23/2017
–	–	–	–	–	–	P00506010063 : Rock Check Dam	BCM	–	03/23/2017

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	P00508010064 : Earth Cap	BCM	–	03/23/2017
–	–	–	–	–	–	P00508030067 : Concrete/Asphalt Cap	BCM	–	03/23/2017
Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler was shut down for winter on 11/19/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P006	Site Monitoring Area No. P-SMA-2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	P00602040011 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	P00603020009 : Base Course Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	P00603020010 : Base Course Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	P00603100015 : Gravel Bags	CA	—	07/25/2018
—	—	—	—	—	—	P00603120008 : Rock Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	P00604010001 : Earthen Channel/Swale	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	P00604020006 : Concrete/Asphalt Channel/Swale	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	P00604060002 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	P00604060003 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	P00606010016 : Rock Check Dam	CA	09/17/2019	09/17/2019

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 04/16/2015 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P007	Site Monitoring Area No. P-SMA-2.15	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	P00702040007 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	P00704060003 : Rip Rap	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	P00704060006 : Rip Rap	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	P00706010004 : Rock Check Dam	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	P00706010005 : Rock Check Dam	BCM	04/29/2011	12/06/2010

Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler was shut down for winter on 11/19/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P008	Site Monitoring Area No. P-SMA-2.2	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	P00802040025 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	P00803010027 : Earthen Berm	BCM	—	05/02/2014
—	—	—	—	—	—	P00803010028 : Earthen Berm	BCM	—	05/02/2014
—	—	—	—	—	—	P00803010029 : Earthen Berm	BCM	—	05/02/2014
—	—	—	—	—	—	P00803010030 : Earthen Berm	BCM	—	05/02/2014
—	—	—	—	—	—	P00803010031 : Earthen Berm	CA	—	12/09/2020
—	—	—	—	—	—	P00803020012 : Base Course Berm	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	P00804020005 : Concrete/Asphalt Channel/Swale	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	P00804060001 : Rip Rap	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	P00804060032 : Rip Rap	CA	—	12/09/2020
—	—	—	—	—	—	P00804080017 : TRM-Lined Swale	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	P00806010019 : Rock Check Dam	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	P00806010020 : Rock Check Dam	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	P00806010021 : Rock Check Dam	BCM	04/29/2011	04/28/2011
—	—	—	—	—	—	P00806010022 : Rock Check Dam	BCM	04/29/2011	04/28/2011

Comments: The sampler was activated for corrective action monitoring on 04/01/2021. The sampler was found to be inoperable due to equipment failure on 07/09/2021 with a recorded loss of power on 06/28/2021 (inoperable 11 d). The sampler attempted but was unable to collect on 09/04/2021 and was reset for continued monitoring on 09/07/2021 (inoperable 3 d). The sampler attempted but was unable to collect on 10/21/2021 and was reset for continued monitoring on 10/25/2021 (inoperable 4 d). The sampler attempted but was unable to collect on 11/06/2021. The sampler was shut down for winter on 11/08/2021 (inoperable 2 d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: P009	Site Monitoring Area No. P-SMA-3.05	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	P00902040012 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	P00903010008 : Earthen Berm	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	P00903010009 : Earthen Berm	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	P00903010010 : Earthen Berm	BCM	—	05/18/2011
—	—	—	—	—	—	P00903010013 : Earthen Berm	CA	—	09/27/2016
—	—	—	—	—	—	P00903010015 : Earthen Berm	CA	—	09/27/2016
—	—	—	—	—	—	P00903140016 : Coir Log	CA	—	07/12/2021
—	—	—	—	—	—	P00904050005 : Water Bar	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	P00904050006 : Water Bar	BCM	04/29/2011	12/06/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 04/16/2015 with certification of completion of corrective action under E.2(d).

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J001	Site Monitoring Area No. PJ-SMA-1.05	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J00102040019 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	J00103010018 : Earthen Berm	BCM	—	08/27/2012
—	—	—	—	—	—	J00103010020 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	J00103010021 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	J00103010022 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	J00104050008 : Water Bar	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00104050012 : Water Bar	BCM	—	04/04/2011
—	—	—	—	—	—	J00104050013 : Water Bar	BCM	—	04/04/2011
—	—	—	—	—	—	J00104050014 : Water Bar	BCM	—	04/04/2011

Comments: The sampler was activated for corrective action monitoring on 04/01/2021. On 06/18/2021 the sampler was found to have attempted a sample collection at an undocumented time. The collection attempt date was estimated as 06/17/2021 using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. There was no period of inoperability with this event. The sampler was shut down for winter on 11/03/2021.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J012	Site Monitoring Area No. PJ-SMA-10	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J01203040032 : Asphalt Berm	CA	—	10/08/2018
—	—	—	—	—	—	J01204030030 : Rock Channel/Swale	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01205020033 : Sediment Basin	CA	—	10/08/2018
—	—	—	—	—	—	J01206010011 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010012 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010013 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010014 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010015 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010017 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010021 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010022 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010023 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010024 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010025 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010026 : Rock Check Dam	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	J01206010031 : Rock Check Dam	CA	11/27/2015	10/28/2015

Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler was shut down for winter on 10/29/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J013	Site Monitoring Area No. PJ-SMA-11	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Copper, F	Y	35.3	ug/L	06/27/2021	D : MTAL	J01302040018 : Established Vegetation	BCM	—	05/07/2013
Copper, F	Y	42.8	ug/L	08/26/2021	D : MTAL	J01303010024 : Earthen Berm	CA	09/09/2015	08/10/2015
Gross alpha, UF	Y	157	pCi/L	08/26/2021	D : ATAL	J01303010025 : Earthen Berm	CA	09/09/2015	08/10/2015
Gross alpha, UF	Y	18.8	pCi/L	06/27/2021	D : ATAL	J01303010026 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J01303010027 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J01303120030 : Rock Berm	CA	04/25/2021	03/26/2021
—	—	—	—	—	—	J01303140029 : Coir Log	CA	—	12/02/2015
—	—	—	—	—	—	J01303140031 : Coir Log	CA	04/25/2021	03/26/2021
—	—	—	—	—	—	J01303140032 : Coir Log	CA	04/25/2021	03/26/2021

Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler attempted but was unable to collect on 04/17/2021 with no associated inoperable time. The sampler attempted but was unable to collect on 05/30/2021. the sampler was reset for continued monitoring on 06/04/2021 (inoperable 5 d). A confirmation monitoring sample was collected on 06/27/2021. The sampler was reset for continued monitoring on 07/15/2021 (inoperable 18 d). The sampler attempted but was unable to collect on 08/15/2021 with no associated inoperable time. A second confirmation monitoring sample was collected on 08/26/2021. The monitoring stage is complete.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J014	Site Monitoring Area No. PJ-SMA-11.1	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	542	ug/L	08/26/2021	D : MTAL	J01402040015 : Established Vegetation	BCM	—	05/07/2013
Copper, F	Y	37.6	ug/L	08/26/2021	D : MTAL	J01403010020 : Earthen Berm	CA	09/09/2015	08/10/2015
Gross alpha, UF	Y	132	pCi/L	08/26/2021	D : ATAL	J01403010021 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J01403010022 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J01403010023 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J01406010007 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	J01406010008 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	J01406010009 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler attempted but was unable to collect on 08/02/2021 and was reset for continued monitoring on 08/05/2021 (inoperable 3 d). The sampler attempted but was unable to collect on 08/10/2021 and was reset for continued monitoring on 08/11/2021 (inoperable 1 d). The sampler attempted but was unable to collect on 08/12/2021 and was reset for continued monitoring on 08/16/2021 (inoperable 4 d). A confirmation monitoring sample was collected on 08/26/2021 and the sampler was reactivated for continued monitoring on 09/20/2021 (inoperable 25 d). The sampler attempted but was unable to collect on 09/28/2021 and was reset for continued monitoring on 09/29/2021 (inoperable 1 d). The sampler was shut down for winter on 10/29/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J015	Site Monitoring Area No. PJ-SMA-13	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J01502040005 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	J01503010003 : Earthen Berm	BCM	04/29/2011	03/29/2011

Comments: The sampler was activated for baseline monitoring on 04/02/2021. The sampler was shut down for winter on 11/17/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J016	Site Monitoring Area No. PJ-SMA-13.7	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J01602040011 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	J01605020008 : Sediment Basin	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	J01605020009 : Sediment Basin	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	J01606010007 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	J01607010002 : Gabion	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	J01608030010 : Concrete/Asphalt Cap	CA	08/07/2013	07/08/2013

Comments: The sampler was activated for corrective action monitoring on 04/02/2021. The sampler was shut down for winter on 11/23/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J017	Site Monitoring Area No. PJ-SMA-14	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J01701010004 : Seed and Wood Mulch	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	J01703010005 : Earthen Berm	BCM	—	11/21/2011
—	—	—	—	—	—	J01703010006 : Earthen Berm	BCM	—	11/21/2011
—	—	—	—	—	—	J01703020002 : Base Course Berm	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	J01703020003 : Base Course Berm	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	J01708010001 : Earth Cap	BCM	04/29/2011	03/29/2011

Comments: The sampler was activated for baseline monitoring on 03/29/2021. The sampler was shut down for winter on 11/19/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J018	Site Monitoring Area No. PJ-SMA-14.2	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	J01802040005 : Established Vegetation	BCM	–	05/02/2013
–	–	–	–	–	–	J01803060006 : Straw Wattle	BCM	–	07/16/2013
–	–	–	–	–	–	J01803120004 : Rock Berm	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 04/05/2021. A sample was collected on 08/26/2021 but not retrieved due to hold time exceedances. The sampler was reset for continued monitoring on 09/22/2021 (inoperable 27 d). The sampler was shut down for winter on 11/23/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J019	Site Monitoring Area No. PJ-SMA-14.3	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J01902040003 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	J01903060007 : Straw Wattle	BCM	—	09/16/2021

Comments: The sampler was activated for baseline monitoring on 04/05/2021. The sampler was shut down for winter on 11/17/2021.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J020	Site Monitoring Area No. PJ-SMA-14.4	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	J02002040010 : Established Vegetation	BCM	–	05/02/2013
–	–	–	–	–	–	J02003010013 : Earthen Berm	BCM	–	01/04/2018
–	–	–	–	–	–	J02003140012 : Coir Log	BCM	–	09/05/2017

Comments: The sampler was activated for baseline monitoring on 04/02/2021. The sampler was shut down for winter on 11/17/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J021	Site Monitoring Area No. PJ-SMA-14.6	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J02102040008 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	J02103010005 : Earthen Berm	BCM	—	11/16/2011
—	—	—	—	—	—	J02104060007 : Rip Rap	BCM	—	09/11/2012

Comments: The sampler was activated for baseline monitoring on 04/05/2021. The sampler was shut down for winter on 11/17/2021.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J022	Site Monitoring Area No. PJ-SMA-14.8	Permit Phase: Baseline Control Measures

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J02202040007 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	J02203060008 : Straw Wattle	BCM	—	11/06/2013

Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed with receipt of all results less than target action levels on 05/01/2012.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J023	Site Monitoring Area No. PJ-SMA-16	Permit Phase: Baseline Control Measures

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J02302040004 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	J02303060003 : Straw Wattle	BCM	—	10/03/2012

Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed with receipt of all results less than target action levels on 09/11/2013.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J024	Site Monitoring Area No. PJ-SMA-17	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J02402040008 : Established Vegetation	BCM	—	05/16/2013
—	—	—	—	—	—	J02404060006 : Rip Rap	BCM	12/01/2010	11/16/2010
—	—	—	—	—	—	J02404060007 : Rip Rap	BCM	12/01/2010	11/16/2010
—	—	—	—	—	—	J02405010005 : Sediment Trap	BCM	12/01/2010	11/16/2010
—	—	—	—	—	—	J02406010004 : Rock Check Dam	BCM	12/01/2010	11/16/2010

Comments: No confirmation monitoring was conducted in 2021. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) on 08/27/2014. The sample required under E.1(b) was collected on 05/21/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J026	Site Monitoring Area No. PJ-SMA-18	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J02602040010 : Established Vegetation	BCM	—	05/16/2013
—	—	—	—	—	—	J02604010009 : Earthen Channel/Swale	BCM	—	09/27/2011
—	—	—	—	—	—	J02604010011 : Earthen Channel/Swale	BCM	—	11/06/2014
—	—	—	—	—	—	J02604060007 : Rip Rap	BCM	12/01/2010	11/16/2010
—	—	—	—	—	—	J02604060012 : Rip Rap	BCM	—	11/06/2014
—	—	—	—	—	—	J02605010005 : Sediment Trap	BCM	12/01/2010	11/16/2010
—	—	—	—	—	—	J02606010004 : Rock Check Dam	BCM	12/01/2010	11/16/2010

Comments: No confirmation monitoring was conducted in 2021. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) on 08/10/2018. The sample required under E.1(b) was collected on 05/21/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J025	Site Monitoring Area No. PJ-SMA-19	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	593	ug/L	08/22/2021	D : MTAL	J02502040011 : Established Vegetation	BCM	—	05/16/2013
Antimony, F	N	1	ug/L	08/22/2021	ND : ATAL	J02504020004 : Concrete/Asphalt Channel/Swale	BCM	12/01/2010	11/16/2010
Arsenic, F	N	2	ug/L	08/22/2021	ND : ATAL	J02504020006 : Concrete/Asphalt Channel/Swale	BCM	12/01/2010	11/16/2010
Boron, F	N	22.2	ug/L	08/22/2021	D : ATAL	J02504060010 : Rip Rap	BCM	12/01/2010	11/16/2010
Cadmium, F	N	0.3	ug/L	08/22/2021	ND : MQL	J02505020002 : Sediment Basin	BCM	12/01/2010	11/16/2010
Chromium, F	N	3	ug/L	08/22/2021	ND : MTAL	J02506010005 : Rock Check Dam	BCM	12/01/2010	11/16/2010
Cobalt, F	N	1	ug/L	08/22/2021	ND : ATAL	J02506010008 : Rock Check Dam	BCM	12/01/2010	11/16/2010
Copper, F	N	2.42	ug/L	08/22/2021	D : MTAL	J02506010009 : Rock Check Dam	BCM	12/01/2010	11/16/2010
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	08/22/2021	ND : MQL	J02507010001 : Gabion	BCM	12/01/2010	11/16/2010
Gross alpha, UF	Y	44.7	pCi/L	08/22/2021	D : ATAL	—	—	—	—
Lead, F	N	0.5	ug/L	08/22/2021	ND : MTAL	—	—	—	—
Mercury, UF	N	0.107	ug/L	08/22/2021	D : ATAL	—	—	—	—
Nickel, F	N	1.62	ug/L	08/22/2021	D : MTAL	—	—	—	—
Radium-226 and Radium-228, UF	N	3.59	pCi/L	08/22/2021	D : ATAL	—	—	—	—
Selenium, UF	N	3.9	ug/L	08/22/2021	D : ATAL	—	—	—	—
Silver, F	N	0.3	ug/L	08/22/2021	ND : MQL	—	—	—	—

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	0.6	ug/L	08/22/2021	ND : ATAL	—	—	—	—
Total PCB, UF	Y	0.00325	ug/L	08/22/2021	D : ATAL	—	—	—	—
Vanadium, F	N	2.67	ug/L	08/22/2021	D : ATAL	—	—	—	—
Zinc, F	N	6.19	ug/L	08/22/2021	D : MTAL	—	—	—	—
Comments: The sampler was activated on 03/18/2021 to collect the sample required under E.1(b) following certification of completion of corrective action under E.2(c). The sampler was found to be inoperable due to equipment failure on 04/28/2021 and was last known to be operable at the previous inspection on 03/18/2021 (inoperable up to 41 d). The required sample was collected on 08/22/2021. The monitoring stage is complete.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J002	Site Monitoring Area No. PJ-SMA-2	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J00202040022 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	J00203010006 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00203010007 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00203010008 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00203010009 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00203010015 : Earthen Berm	BCM	—	08/01/2012
—	—	—	—	—	—	J00204050026 : Water Bar	BCM	—	10/06/2015
—	—	—	—	—	—	J00206010014 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00206010019 : Rock Check Dam	BCM	—	10/10/2012
—	—	—	—	—	—	J00206010020 : Rock Check Dam	BCM	—	10/10/2012
—	—	—	—	—	—	J00206010021 : Rock Check Dam	BCM	—	10/10/2012
—	—	—	—	—	—	J00206010024 : Rock Check Dam	BCM	—	07/14/2015
—	—	—	—	—	—	J00206010025 : Rock Check Dam	BCM	—	07/14/2015
—	—	—	—	—	—	J00206010027 : Rock Check Dam	BCM	—	10/06/2015
—	—	—	—	—	—	J00206010028 : Rock Check Dam	BCM	—	10/06/2015
—	—	—	—	—	—	J00208030029 : Concrete/Asphalt Cap	BCM	—	10/06/2015

Comments: The sampler was activated for baseline monitoring on 04/01/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J027	Site Monitoring Area No. PJ-SMA-20	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J02702040007 : Established Vegetation	BCM	—	05/16/2013
—	—	—	—	—	—	J02703090001 : Curbing	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	J02704060006 : Rip Rap	BCM	04/29/2011	11/16/2010
—	—	—	—	—	—	J02708030005 : Concrete/Asphalt Cap	BCM	04/29/2011	11/16/2010

Comments: No confirmation monitoring was conducted in 2021. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) on 10/25/2013. The sample required under E.1(b) was collected on 05/22/2014.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J003	Site Monitoring Area No. PJ-SMA-3.05	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	210	ug/L	07/27/2021	D : MTAL	J00302040012 : Established Vegetation	BCM	—	05/08/2013
Antimony, F	N	1	ug/L	07/27/2021	ND : ATAL	J00303010010 : Earthen Berm	CA	08/17/2012	07/18/2012
Arsenic, F	N	2	ug/L	07/27/2021	ND : ATAL	J00303010011 : Earthen Berm	CA	08/17/2012	07/18/2012
Boron, F	N	15	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Cadmium, F	N	0.3	ug/L	07/27/2021	ND : MQL	—	—	—	—
Chromium, F	N	3	ug/L	07/27/2021	ND : MTAL	—	—	—	—
Cobalt, F	N	1	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Copper, F	Y	4.95	ug/L	07/27/2021	D : MTAL	—	—	—	—
Cyanide, weak acid dissociable, UF	N	5.01	ug/L	07/27/2021	D : MQL	—	—	—	—
Gross alpha, UF	Y	27	pCi/L	07/27/2021	D : ATAL	—	—	—	—
Lead, F	N	0.504	ug/L	07/27/2021	D : MTAL	—	—	—	—
Mercury, UF	N	0.067	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Nickel, F	N	0.6	ug/L	07/27/2021	ND : MTAL	—	—	—	—
Radium-226 and Radium-228, UF	N	1.72	pCi/L	07/27/2021	D : ATAL	—	—	—	—
Selenium, UF	N	2	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Silver, F	N	0.3	ug/L	07/27/2021	ND : MQL	—	—	—	—

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	0.6	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Vanadium, F	N	2.79	ug/L	07/27/2021	D : ATAL	—	—	—	—
Zinc, F	N	8.87	ug/L	07/27/2021	D : MTAL	—	—	—	—
Comments: The sampler was activated for corrective action monitoring on 04/01/2021. A confirmation sample was collected on 5/30/2021. After notification of temperature exceedance during sample transit the sample status was changed to investigative and the sampler was reset for continued monitoring on 06/10/2021 (inoperable 11 d). A confirmation sample was collected on 07/27/2021. The monitoring stage is complete.									

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J004	Site Monitoring Area No. PJ-SMA-4.05	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J00402040008 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	J00403010007 : Earthen Berm	BCM	—	10/31/2011
—	—	—	—	—	—	J00406010006 : Rock Check Dam	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J005	Site Monitoring Area No. PJ-SMA-5	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Copper, F	Y	549	ug/L	05/30/2021	D : MTAL	J00502040015 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	J00503010025 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00503030019 : Log Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00503120026 : Rock Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00503120027 : Rock Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00503120028 : Rock Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00503200033 : Compost Log	CA	—	12/09/2020
—	—	—	—	—	—	J00503200034 : Compost Log	CA	—	12/09/2020
—	—	—	—	—	—	J00503200035 : Compost Log	CA	—	12/09/2020
—	—	—	—	—	—	J00503200036 : Compost Log	CA	—	12/09/2020
—	—	—	—	—	—	J00504010003 : Earthen Channel/Swale	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00504010032 : Earthen Channel/Swale	CA	—	08/24/2018
—	—	—	—	—	—	J00504040016 : Culvert	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00504060017 : Rip Rap	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00504060020 : Rip Rap	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00506010018 : Rock Check Dam	CA	09/09/2015	08/10/2015

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J00506010021 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00506010022 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00506010023 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00506010024 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	J00506030004 : Juniper Bales	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for corrective action monitoring on 03/23/2021. A confirmation monitoring sample was collected on 05/30/2021. The sampler was reactivate for continued monitoring on 06/09/2021 (inoperable 10 d). The sampler was shut down for winter on 11/03/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J006	Site Monitoring Area No. PJ-SMA-5.1	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J00602040010 : Established Vegetation	BCM	—	04/23/2013
—	—	—	—	—	—	J00603010009 : Earthen Berm	CA	08/17/2012	07/18/2012
—	—	—	—	—	—	J00603010011 : Earthen Berm	CA	—	11/05/2013
—	—	—	—	—	—	J00604010004 : Earthen Channel/Swale	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	J00606010007 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	J00608030012 : Concrete/Asphalt Cap	CA	—	11/05/2013

Comments: The sampler was activated for corrective action monitoring on 03/23/2021. The sampler was shut down for winter on 11/03/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J007	Site Monitoring Area No. PJ-SMA-6	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J00702040018 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	J00703010009 : Earthen Berm	BCM	—	10/31/2011
—	—	—	—	—	—	J00703010010 : Earthen Berm	BCM	—	10/31/2011
—	—	—	—	—	—	J00703010011 : Earthen Berm	BCM	—	10/31/2011
—	—	—	—	—	—	J00703120012 : Rock Berm	BCM	—	11/02/2011
—	—	—	—	—	—	J00706010002 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00706010004 : Rock Check Dam	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J008	Site Monitoring Area No. PJ-SMA-7	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J00802040006 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	J00803010004 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00804010002 : Earthen Channel/Swale	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00804040003 : Culvert	BCM	12/01/2010	11/01/2010

Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J009	Site Monitoring Area No. PJ-SMA-8	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J00902040010 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	J00903010006 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00903010009 : Earthen Berm	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00904020005 : Concrete/Asphalt Channel/Swale	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00906010002 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00906010004 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J00906010011 : Rock Check Dam	BCM	—	11/07/2013

Comments: The sampler was activated for baseline monitoring on 04/01/2021. The sampler attempted but was unable to collect on 05/18/2021 and was reset for continued monitoring on 05/21/2021 (inoperable 3 d). The sampler was shut down for winter on 11/18/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J010	Site Monitoring Area No. PJ-SMA-9	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	154	ug/L	07/27/2021	D : MTAL	J01002040010 : Established Vegetation	BCM	—	05/07/2013
Antimony, F	N	1	ug/L	07/27/2021	ND : ATAL	J01003010016 : Earthen Berm	CA	11/27/2015	10/28/2015
Arsenic, F	N	2	ug/L	07/27/2021	ND : ATAL	J01003010017 : Earthen Berm	CA	11/27/2015	10/28/2015
Benzo(a)pyrene, UF	N	0.03	ug/L	07/27/2021	ND : MQL	J01003010018 : Earthen Berm	CA	11/27/2015	10/28/2015
Boron, F	N	15	ug/L	07/27/2021	ND : ATAL	J01003010019 : Earthen Berm	CA	11/27/2015	10/28/2015
Cadmium, F	N	0.3	ug/L	07/27/2021	ND : MQL	J01003140021 : Coir Log	CA	11/27/2015	10/28/2015
Chromium, F	N	3	ug/L	07/27/2021	ND : MTAL	J01006010008 : Rock Check Dam	BCM	12/01/2010	11/01/2010
Cobalt, F	N	1	ug/L	07/27/2021	ND : ATAL	J01006010009 : Rock Check Dam	BCM	12/01/2010	11/01/2010
Copper, F	Y	8.52	ug/L	07/27/2021	D : MTAL	—	—	—	—
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	07/27/2021	ND : MQL	—	—	—	—
Gross alpha, UF	N	13.1	pCi/L	07/27/2021	D : ATAL	—	—	—	—
Hexachlorobenzene, UF	N	0.0071	ug/L	07/27/2021	ND : MQL	—	—	—	—
Lead, F	N	0.5	ug/L	07/27/2021	ND : MTAL	—	—	—	—
Mercury, UF	N	0.067	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Nickel, F	N	0.6	ug/L	07/27/2021	ND : MTAL	—	—	—	—
Pentachlorophenol, UF	N	3	ug/L	07/27/2021	ND : MTAL	—	—	—	—
Radium-226 and Radium-228, UF	N	0.168	pCi/L	07/27/2021	ND : ATAL	—	—	—	—
RDX, UF	N	0.101	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Selenium, UF	N	2	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Silver, F	N	0.3	ug/L	07/27/2021	ND : MQL	—	—	—	—
Thallium, F	N	0.6	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Trinitrotoluene[2,4,6-], UF	N	0.101	ug/L	07/27/2021	ND : ATAL	—	—	—	—

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Vanadium, F	N	1	ug/L	07/27/2021	ND : ATAL	—	—	—	—
Zinc, F	N	11.2	ug/L	07/27/2021	D : MTAL	—	—	—	—
Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler attempted but was unable to collect on 5/17/2021 and was reset for continued monitoring on 05/18/2021 (inoperable 1 d). The sampler attempted but was unable to collect on 5/18/2021 and was reset for continued monitoring on 05/20/2021 (inoperable 2 d). A confirmation monitoring sample was collected on 5/30/2021. After notification of temperature exceedance during sample transit the sample status was changed to investigative, and the sampler was reset for continued monitoring on 06/10/2021 (inoperable 11 d). A sample of insufficient volume was collected on 06/27/2021 and the sampler was shut off at retrieval on 06/29/2021. The sampler was reactivated for continued monitoring on 07/08/2021 (inoperable 9 d). A confirmation monitoring sample was collected on 07/27/2021 and was reset for continued monitoring on 08/13/2021 (inoperable 17 d). The sampler attempted but was unable to collect on 08/26/2021 with no associated inoperable time. The sampler was shut down for winter on 11/16/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T001	Site Monitoring Area No. Pratt-SMA-1.05	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	T00102040020 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	T00103010022 : Earthen Berm	CA	06/12/2014	05/13/2014
—	—	—	—	—	—	T00103010023 : Earthen Berm	CA	06/12/2014	05/13/2014
—	—	—	—	—	—	T00103020013 : Base Course Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00103020014 : Base Course Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00103020015 : Base Course Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00103020016 : Base Course Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00103020024 : Base Course Berm	CA	06/12/2014	05/13/2014
—	—	—	—	—	—	T00103120008 : Rock Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00108020005 : Rock Cap	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: I001	Site Monitoring Area No. PT-SMA-0.5	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	I00102040009 : Established Vegetation	BCM	–	05/08/2013
–	–	–	–	–	–	I00103010007 : Earthen Berm	CA	12/27/2012	11/27/2012
–	–	–	–	–	–	I00103010008 : Earthen Berm	CA	12/27/2012	11/27/2012
–	–	–	–	–	–	I00103140014 : Coir Log	CA	–	10/08/2021
–	–	–	–	–	–	I00103140015 : Coir Log	CA	–	10/08/2021
–	–	–	–	–	–	I00104030012 : Rock Channel/Swale	CA	–	03/27/2014

Comments: The sampler was activated for corrective action monitoring on 04/01/2021. The sampler was shut down for winter on 11/04/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: I002	Site Monitoring Area No. PT-SMA-1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	I00201010022 : Seed and Wood Mulch	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	I00202040034 : Established Vegetation	BCM	–	05/08/2013
–	–	–	–	–	–	I00203010018 : Earthen Berm	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	I00203010019 : Earthen Berm	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	I00203010020 : Earthen Berm	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	I00203010021 : Earthen Berm	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	I00203010023 : Earthen Berm	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00203010024 : Earthen Berm	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00203010025 : Earthen Berm	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00203010026 : Earthen Berm	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00203010027 : Earthen Berm	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00203010028 : Earthen Berm	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00203010029 : Earthen Berm	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00203010030 : Earthen Berm	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00203010039 : Earthen Berm	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	I00203060035 : Straw Wattle	CA	–	09/15/2015
–	–	–	–	–	–	I00203060036 : Straw Wattle	CA	–	08/03/2015
–	–	–	–	–	–	I00203060037 : Straw Wattle	CA	–	08/03/2015
–	–	–	–	–	–	I00203120012 : Rock Berm	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	I00203120013 : Rock Berm	BCM	04/29/2011	03/29/2011
–	–	–	–	–	–	I00203120038 : Rock Berm	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	I00203140040 : Coir Log	CA	11/14/2015	10/15/2015

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	I00203140041 : Coir Log	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	I00206010031 : Rock Check Dam	CA	09/02/2012	08/03/2012
–	–	–	–	–	–	I00206010032 : Rock Check Dam	CA	09/02/2012	08/03/2012
Comments: No confirmation monitoring was conducted in 2021. Corrective action monitoring was completed on 09/26/2017. Alternative compliance was requested at all associated Site(s) on 04/22/2019.									

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: I003	Site Monitoring Area No. PT-SMA-1.7	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	I00302040017 : Established Vegetation	BCM	—	04/03/2013
—	—	—	—	—	—	I00303010018 : Earthen Berm	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	I00305040019 : Gravel Infiltration Strip	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	I00306010020 : Rock Check Dam	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	I00306010021 : Rock Check Dam	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	I00306010022 : Rock Check Dam	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	I00306010023 : Rock Check Dam	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	I00306010024 : Rock Check Dam	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	I00306010025 : Rock Check Dam	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	I00306010026 : Rock Check Dam	CA	—	08/11/2014

Comments: The sampler was activated for corrective action monitoring on 04/01/2021. The sampler was shut down for winter on 11/18/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: I004	Site Monitoring Area No. PT-SMA-2	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Copper, F	Y	5.19	ug/L	08/26/2021	D : MTAL	I00402040011 : Established Vegetation	BCM	—	05/08/2013
Gross alpha, UF	Y	175	pCi/L	08/26/2021	D : ATAL	I00403010021 : Earthen Berm	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	I00403010022 : Earthen Berm	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	I00403010024 : Earthen Berm	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	I00403060012 : Straw Wattle	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	I00403060031 : Straw Wattle	CA	—	12/21/2021
—	—	—	—	—	—	I00403120010 : Rock Berm	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	I00403120023 : Rock Berm	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	I00403140026 : Coir Log	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	I00403140027 : Coir Log	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	I00403140028 : Coir Log	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	I00403140029 : Coir Log	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	I00403200030 : Compost Log	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	I00404060020 : Rip Rap	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	I00406010014 : Rock Check Dam	CA	10/28/2015	09/28/2015
—	—	—	—	—	—	I00406010015 : Rock Check Dam	CA	10/28/2015	09/28/2015

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	I00406010016 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	I00406010017 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	I00406010018 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	I00406010019 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	I00406010025 : Rock Check Dam	CA	10/28/2015	09/28/2015
Comments: The sampler was activated for corrective action monitoring on 07/13/2021. A confirmation monitoring sample was collected on 08/26/2021. The sampler was reactivated for continued monitoring on 09/10/2021 (inoperable 15 d). The sampler was shut down for winter on 11/04/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: I004A	Site Monitoring Area No. PT-SMA-2.01	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	I004A02040005 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	I004A03010004 : Earthen Berm	CA	09/02/2012	08/03/2012

Comments: The sampler was activated for corrective action monitoring on 03/29/2021. The sampler was shut down for winter on 11/04/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: I005	Site Monitoring Area No. PT-SMA-3	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	I00502040009 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	I00503010030 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00503140039 : Coir Log	CA	—	09/04/2015
—	—	—	—	—	—	I00504040005 : Culvert	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	I00504040044 : Culvert	CA	—	07/10/2019
—	—	—	—	—	—	I00504060038 : Rip Rap	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00504060042 : Rip Rap	CA	—	07/10/2019
—	—	—	—	—	—	I00505020037 : Sediment Basin	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00505020041 : Sediment Basin	CA	—	07/10/2019
—	—	—	—	—	—	I00506010031 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00506010032 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00506010033 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00506010034 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00506010035 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00506010036 : Rock Check Dam	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	I00506010040 : Rock Check Dam	CA	—	07/10/2019

Comments: The sampler was activated for corrective action monitoring on 03/29/2021. On 11/04/2021 a sample was found with a collection date of 08/26/2021. This is inconsistent with inspection records as the previous inspection was conducted on 09/24/2021 with no sample found. Precipitation with enough intensity to generate a sample occurred on 09/28/2021 and 09/30/2021 and equipment failure regarding recorded collection date cannot be ruled out. The sampler was last known to be operable on 09/24/2021 (inoperable up to 41 d). The sampler was shut down for winter on 11/04/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: I007	Site Monitoring Area No. PT-SMA-4.2	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Gross alpha, UF	Y	46.1	pCi/L	08/22/2021	D : ATAL	I00702040008 : Established Vegetation	BCM	—	05/08/2013
Radium-226 and Radium-228, UF	N	3	pCi/L	08/22/2021	D : ATAL	I00703010014 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703010022 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703010024 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703010025 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703010026 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703010027 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703010028 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703010029 : Earthen Berm	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703010035 : Earthen Berm	CA	—	09/23/2016
—	—	—	—	—	—	I00703010044 : Earthen Berm	CA	—	09/23/2016
—	—	—	—	—	—	I00703140015 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703140016 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703140017 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703140018 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703140019 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00703140020 : Coir Log	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00704040005 : Culvert	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	I00704050023 : Water Bar	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00704060034 : Rip Rap	CA	11/27/2015	10/28/2015
—	—	—	—	—	—	I00704060036 : Rip Rap	CA	—	09/23/2016
—	—	—	—	—	—	I00704060040 : Rip Rap	CA	—	09/23/2016

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	I00704060041 : Rip Rap	CA	–	09/23/2016
–	–	–	–	–	–	I00704060043 : Rip Rap	CA	–	09/23/2016
–	–	–	–	–	–	I00704060045 : Rip Rap	CA	–	09/23/2016
–	–	–	–	–	–	I00704060046 : Rip Rap	CA	–	09/23/2016
–	–	–	–	–	–	I00704060048 : Rip Rap	CA	–	09/23/2016
–	–	–	–	–	–	I00704060055 : Rip Rap	CA	–	09/23/2016
–	–	–	–	–	–	I00704060057 : Rip Rap	CA	–	09/23/2016
–	–	–	–	–	–	I00704080049 : TRM-Lined Swale	CA	–	09/23/2016
–	–	–	–	–	–	I00704080050 : TRM-Lined Swale	CA	–	09/23/2016
–	–	–	–	–	–	I00704080051 : TRM-Lined Swale	CA	–	09/23/2016
–	–	–	–	–	–	I00706010010 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	I00706010011 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	I00706010012 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	I00706010013 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	I00706010031 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	I00706010032 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	I00706010033 : Rock Check Dam	CA	11/27/2015	10/28/2015
–	–	–	–	–	–	I00706010039 : Rock Check Dam	CA	–	09/23/2016
–	–	–	–	–	–	I00706010042 : Rock Check Dam	CA	–	09/23/2016
–	–	–	–	–	–	I00706010047 : Rock Check Dam	CA	–	09/23/2016
–	–	–	–	–	–	I00707010052 : Gabion	CA	–	09/23/2016

Comments: The sampler was activated for corrective action monitoring on 03/29/2021. A confirmation monitoring sample was collected on 08/22/2021. The monitoring stage is complete.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: R001	Site Monitoring Area No. R-SMA-0.5	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	R00102040025 : Established Vegetation	BCM	—	05/06/2013
—	—	—	—	—	—	R00103030006 : Log Berm	BCM	04/29/2011	12/06/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: R002	Site Monitoring Area No. R-SMA-1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	R00202040008 : Established Vegetation	BCM	–	05/06/2013
–	–	–	–	–	–	R00204060006 : Rip Rap	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	R00204060007 : Rip Rap	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	R00204060009 : Rip Rap	BCM	–	10/30/2014
–	–	–	–	–	–	R00204060010 : Rip Rap	BCM	–	10/30/2014
–	–	–	–	–	–	R00204060013 : Rip Rap	CA	–	05/03/2016
–	–	–	–	–	–	R00204060014 : Rip Rap	CA	–	05/03/2016
–	–	–	–	–	–	R00204060016 : Rip Rap	CA	–	05/03/2016
–	–	–	–	–	–	R00204060018 : Rip Rap	CA	–	05/03/2016
–	–	–	–	–	–	R00204080012 : TRM-Lined Swale	CA	–	05/03/2016
–	–	–	–	–	–	R00206010005 : Rock Check Dam	BCM	04/29/2011	04/26/2011
–	–	–	–	–	–	R00206010015 : Rock Check Dam	CA	–	05/03/2016
–	–	–	–	–	–	R00206010017 : Rock Check Dam	CA	–	05/03/2016
–	–	–	–	–	–	R00207010002 : Gabion	BCM	04/29/2011	04/26/2011

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 03/06/2017 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: R003	Site Monitoring Area No. R-SMA-1.95	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	R00302040008 : Established Vegetation	BCM	–	05/06/2013
–	–	–	–	–	–	R00303010021 : Earthen Berm	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303060005 : Straw Wattle	BCM	04/29/2011	12/06/2010
–	–	–	–	–	–	R00303060024 : Straw Wattle	CA	–	09/30/2019
–	–	–	–	–	–	R00303140009 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140010 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140011 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140012 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140013 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140014 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140015 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140016 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140017 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140018 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140020 : Coir Log	CA	10/25/2014	09/25/2014
–	–	–	–	–	–	R00303140025 : Coir Log	CA	–	10/20/2020

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	R00304010003 : Earthen Channel/Swale	BCM	04/29/2011	12/06/2010
Comments: The sampler was activated for corrective action monitoring on 03/23/2021. The sampler was shut down for winter on 11/03/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: R004	Site Monitoring Area No. R-SMA-2.05	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	R00402040005 : Established Vegetation	BCM	–	05/06/2013
–	–	–	–	–	–	R00406030002 : Juniper Bales	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	R00406030003 : Juniper Bales	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 11/25/2020 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: R005	Site Monitoring Area No. R-SMA-2.3	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	R00502040004 : Established Vegetation	BCM	–	05/06/2013
–	–	–	–	–	–	R00506010008 : Rock Check Dam	–	–	09/03/2019
–	–	–	–	–	–	R00506010009 : Rock Check Dam	BCM	–	09/03/2019

Comments: The sampler was activated for baseline monitoring on 03/31/2021. The sampler was found to be inoperable due to equipment failure on 08/02/2021 with a recorded loss of power on 07/30/2021 (inoperable 3 d). The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: R006	Site Monitoring Area No. R-SMA-2.5	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	R00602040007 : Established Vegetation	BCM	—	05/06/2013
—	—	—	—	—	—	R00604060004 : Rip Rap	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	R00606010003 : Rock Check Dam	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	R00606010005 : Rock Check Dam	BCM	04/29/2011	12/06/2010
—	—	—	—	—	—	R00606010006 : Rock Check Dam	BCM	04/29/2011	12/06/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S001	Site Monitoring Area No. S-SMA-0.25	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00102040011 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	S00103090017 : Curbing	CA	—	10/20/2015
—	—	—	—	—	—	S00103100022 : Gravel Bags	CA	—	06/30/2021
—	—	—	—	—	—	S00103100023 : Gravel Bags	CA	—	06/30/2021
—	—	—	—	—	—	S00104030014 : Rock Channel/Swale	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	S00104060007 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00105010013 : Sediment Trap	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	S00105050012 : Bioretention Basin	CA	07/27/2014	06/27/2014
—	—	—	—	—	—	S00107010008 : Gabion	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00107020003 : Gabion Blanket	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) on 09/29/2015. The sample required under E.1(b) was collected on 06/04/2016.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S002	Site Monitoring Area No. S-SMA-1.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00203010018 : Earthen Berm	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00203090017 : Curbing	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00204040016 : Culvert	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00204060014 : Rip Rap	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00204060015 : Rip Rap	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00204060019 : Rip Rap	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00205020013 : Sediment Basin	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00207010003 : Gabion	BCM	04/29/2011	04/28/2011
Comments: No confirmation monitoring was conducted in 2021. A Certificate of Completion under NMED's Consent Order was recommended on 08/27/2013 for Site 03-029 and a request for force majeure extension of the deadline to complete corrective action was requested on 09/23/2013 under E.4(c).									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S003	Site Monitoring Area No. S-SMA-2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00301010015 : Seed and Wood Mulch	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	S00302040022 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	S00303140026 : Coir Log	CA	—	09/18/2014
—	—	—	—	—	—	S00304040024 : Culvert	CA	—	09/18/2014
—	—	—	—	—	—	S00304060005 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00304060009 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00304060011 : Rip Rap	BCM	—	05/29/2012
—	—	—	—	—	—	S00304060012 : Rip Rap	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	S00304060021 : Rip Rap	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	S00304060025 : Rip Rap	CA	—	09/18/2014
—	—	—	—	—	—	S00304080023 : TRM-Lined Swale	CA	—	09/18/2014
—	—	—	—	—	—	S00305040014 : Gravel Infiltration Strip	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	S00306010018 : Rock Check Dam	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	S00306010019 : Rock Check Dam	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	S00306010020 : Rock Check Dam	CA	08/07/2013	07/08/2013

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance requests were approved for Site(s) 03-045(b) and 03-045(c) on 03/27/2014, and petitions to delete these two Sites were submitted on 10/21/2015. Corrective action was completed for Site 03-056(c) on 11/29/2012 with certification of completion of corrective action under E.2(d). A Certificate of Completion under NMED's Consent Order was recommended on 08/27/2013 for Site 03-012(b) and a request for force majeure extension of the deadline to complete corrective action at this Site was requested on 09/23/2013 under E.4(c).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S003A	Site Monitoring Area No. S-SMA-2.01	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S003A01010021 : Seed and Wood Mulch	CA	—	09/28/2016
—	—	—	—	—	—	S003A03010017 : Earthen Berm	CA	—	09/28/2016
—	—	—	—	—	—	S003A03010020 : Earthen Berm	CA	—	09/28/2016
—	—	—	—	—	—	S003A04040013 : Culvert	CA	—	09/28/2016
—	—	—	—	—	—	S003A04040015 : Culvert	CA	—	09/28/2016
—	—	—	—	—	—	S003A04060003 : Rip Rap	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S003A04060010 : Rip Rap	CA	—	09/28/2016
—	—	—	—	—	—	S003A04060016 : Rip Rap	CA	—	09/28/2016
—	—	—	—	—	—	S003A05020011 : Sediment Basin	CA	—	09/28/2016
—	—	—	—	—	—	S003A05020012 : Sediment Basin	CA	—	09/28/2016
—	—	—	—	—	—	S003A05020014 : Sediment Basin	CA	—	09/28/2016
—	—	—	—	—	—	S003A05060019 : Infiltration Basin	CA	—	09/28/2016

Comments: No confirmation monitoring was conducted in 2021. A Certificate of Completion under NMED's Consent Order was recommended in December 2015 and a request for force majeure extension to the deadline for completion of corrective action at Site 03-052(b) was requested on 09/23/2013 under E.4(c).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S004	Site Monitoring Area No. S-SMA-2.8	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00402040008 : Established Vegetation	BCM	—	04/26/2013
—	—	—	—	—	—	S00403010005 : Earthen Berm	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00403020004 : Base Course Berm	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00403020010 : Base Course Berm	BCM	—	06/01/2017
—	—	—	—	—	—	S00403060011 : Straw Wattle	BCM	—	10/22/2019
—	—	—	—	—	—	S00408040007 : Metal Cap	BCM	—	12/12/2012

Comments: The sampler was activated for baseline monitoring on 03/17/2021. The sample attempted but was unable to collect on 06/26/2021 and was reset for continued monitoring on 06/30/2021 (inoperable 4 d). On 07/02/2021 the sampler was found to have attempted a sample collection at an undocumented time. The collection attempt date was estimated as 07/01/2021 using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. There was no period of inoperability with this event. The sampler was shut down for winter on 11/22/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S005	Site Monitoring Area No. S-SMA-3.51	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00501010018 : Seed and Wood Mulch	CA	—	05/23/2017
—	—	—	—	—	—	S00502040013 : Established Vegetation	BCM	—	04/26/2013
—	—	—	—	—	—	S00503010016 : Earthen Berm	CA	—	05/23/2017
—	—	—	—	—	—	S00503010017 : Earthen Berm	CA	—	05/23/2017
—	—	—	—	—	—	S00503120019 : Rock Berm	BCM	—	09/20/2017
—	—	—	—	—	—	S00504040020 : Culvert	BCM	—	09/20/2017
—	—	—	—	—	—	S00506010007 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00506010009 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00506010010 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00506010012 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00506010015 : Rock Check Dam	BCM	—	11/05/2014

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler was shut down for winter on 11/22/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S005A	Site Monitoring Area No. S-SMA-3.52	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S005A02040005 : Established Vegetation	BCM	—	04/26/2013
—	—	—	—	—	—	S005A03010009 : Earthen Berm	BCM	—	06/01/2017
—	—	—	—	—	—	S005A04080010 : TRM-Lined Swale	BCM	—	06/01/2017

Comments: The sampler was activated for baseline monitoring on 03/26/2021. The sampler was found to be inoperable due to equipment failure on 07/30/2021 and was last known to be operable at the prior inspection on 06/17/2021 (inoperable up to 43 d). The sampler was shut down for winter on 11/22/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S005B	Site Monitoring Area No. S-SMA-3.53	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S005B02040009 : Established Vegetation	BCM	—	04/26/2013
—	—	—	—	—	—	S005B03120005 : Rock Berm	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S005B04040007 : Culvert	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	S005B04060006 : Rip Rap	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	S005B06010003 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S005B06010004 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S005B08030008 : Concrete/Asphalt Cap	CA	06/01/2013	05/02/2013

Comments: No confirmation monitoring was conducted in 2021. A Certificate of Completion under NMED's Consent Order was recommended on 08/27/2013 for Site 03-014(b) and a request for force majeure extension of the deadline to complete corrective action was requested on 09/23/2013 under E.4(c).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S006	Site Monitoring Area No. S-SMA-3.6	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00602040021 : Established Vegetation	BCM	—	04/26/2013
—	—	—	—	—	—	S00603010019 : Earthen Berm	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00603010020 : Earthen Berm	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00603060041 : Straw Wattle	CA	—	10/03/2016
—	—	—	—	—	—	S00603100030 : Gravel Bags	CA	—	09/24/2013
—	—	—	—	—	—	S00603110034 : Eco-Block	CA	—	10/03/2016
—	—	—	—	—	—	S00603140044 : Coir Log	CA	—	11/28/2018
—	—	—	—	—	—	S00603140045 : Coir Log	CA	—	08/19/2019
—	—	—	—	—	—	S00604040035 : Culvert	CA	—	10/03/2016
—	—	—	—	—	—	S00604040036 : Culvert	CA	—	10/03/2016
—	—	—	—	—	—	S00604040043 : Culvert	CA	—	08/30/2017
—	—	—	—	—	—	S00604060010 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00604060011 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00604060028 : Rip Rap	CA	—	04/26/2013
—	—	—	—	—	—	S00604060029 : Rip Rap	CA	—	04/26/2013
—	—	—	—	—	—	S00604060037 : Rip Rap	CA	—	10/03/2016
—	—	—	—	—	—	S00604060038 : Rip Rap	CA	—	10/03/2016
—	—	—	—	—	—	S00606010001 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00606010012 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00606010013 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	S00606010016 : Rock Check Dam	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	S00606010017 : Rock Check Dam	CA	12/27/2012	11/27/2012

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	S00606010018 : Rock Check Dam	CA	12/27/2012	11/27/2012
–	–	–	–	–	–	S00606010031 : Rock Check Dam	CA	–	11/05/2014
–	–	–	–	–	–	S00606010032 : Rock Check Dam	CA	–	11/05/2014
–	–	–	–	–	–	S00606010033 : Rock Check Dam	CA	–	11/05/2014
–	–	–	–	–	–	S00607010007 : Gabion	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	S00607010008 : Gabion	BCM	12/01/2010	11/01/2010
–	–	–	–	–	–	S00607010026 : Gabion	CA	–	04/26/2013
–	–	–	–	–	–	S00607020024 : Gabion Blanket	CA	–	04/26/2013
–	–	–	–	–	–	S00607020025 : Gabion Blanket	CA	–	04/26/2013

Comments: No confirmation monitoring was conducted in 2021. A Certificate of Completion under NMED's Consent Order was recommended on 08/27/2013 for Site 60-007(b) and a request for force majeure extension of the deadline to complete corrective action was requested on 09/23/2013 under E.4(c).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S007	Site Monitoring Area No. S-SMA-3.7	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00702040006 : Established Vegetation	BCM	—	04/26/2013
—	—	—	—	—	—	S00703120004 : Rock Berm	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00703120005 : Rock Berm	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00704030003 : Rock Channel/Swale	BCM	04/29/2011	12/09/2010

Comments: The sampler was activated for baseline monitoring on 03/25/2021. The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S008	Site Monitoring Area No. S-SMA-3.71	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00802040015 : Established Vegetation	BCM	—	04/26/2013
—	—	—	—	—	—	S00803010013 : Earthen Berm	BCM	—	07/22/2011
—	—	—	—	—	—	S00803010014 : Earthen Berm	BCM	—	07/22/2011
—	—	—	—	—	—	S00804020002 : Concrete/Asphalt Channel/Swale	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00806010008 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00806010009 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00806010010 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00806010011 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00807010001 : Gabion	BCM	04/29/2011	12/09/2010

Comments: The sampler was activated for baseline monitoring on 03/25/2021. The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S009	Site Monitoring Area No. S-SMA-3.72	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S00902040011 : Established Vegetation	BCM	—	04/26/2013
—	—	—	—	—	—	S00903010009 : Earthen Berm	BCM	—	07/28/2011
—	—	—	—	—	—	S00903010010 : Earthen Berm	BCM	—	07/28/2011
—	—	—	—	—	—	S00903120003 : Rock Berm	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00906010005 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00906010006 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S00906010007 : Rock Check Dam	BCM	04/29/2011	12/09/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/29/2015 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S010	Site Monitoring Area No. S-SMA-3.95	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S01002040007 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	S01003060006 : Straw Wattle	BCM	—	10/24/2012
—	—	—	—	—	—	S01004010009 : Earthen Channel/Swale	BCM	—	11/07/2014

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S011	Site Monitoring Area No. S-SMA-4.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	S01101010007 : Seed and Wood Mulch	CA	10/25/2012	09/25/2012
–	–	–	–	–	–	S01103060012 : Straw Wattle	CA	–	02/19/2014
–	–	–	–	–	–	S01103060013 : Straw Wattle	CA	–	02/18/2014
–	–	–	–	–	–	S01103090005 : Curbing	CA	10/25/2012	09/25/2012
–	–	–	–	–	–	S01103120008 : Rock Berm	CA	10/25/2012	09/25/2012
–	–	–	–	–	–	S01104020006 : Concrete/Asphalt Channel/Swale	CA	10/25/2012	09/25/2012

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 08/21/2013 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S012	Site Monitoring Area No. S-SMA-4.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S01202040007 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	S01203010005 : Earthen Berm	BCM	04/29/2011	04/26/2011

Comments: The sampler was activated for baseline monitoring on 03/25/2021. The sampler was shut down for winter on 11/17/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S013	Site Monitoring Area No. S-SMA-5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S01302040011 : Established Vegetation	BCM	—	10/22/2014
—	—	—	—	—	—	S01303030009 : Log Berm	BCM	—	03/14/2014
—	—	—	—	—	—	S01303060010 : Straw Wattle	BCM	—	10/18/2017
—	—	—	—	—	—	S01304060003 : Rip Rap	BCM	04/29/2011	04/26/2011

Comments: The sampler was activated for baseline monitoring on 03/31/2021. The sampler attempted but was unable to collect on 06/27/2021 and was reset for continued monitoring at 06/28/2021 (inoperable 1 d). The sampler was shut down for winter on 11/23/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S014	Site Monitoring Area No. S-SMA-5.2	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S01402040016 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	S01403120017 : Rock Berm	BCM	—	11/07/2014
—	—	—	—	—	—	S01404060011 : Rip Rap	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S01406010006 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S01406010008 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S01406010009 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S01406010010 : Rock Check Dam	BCM	04/29/2011	12/09/2010
—	—	—	—	—	—	S01406010018 : Rock Check Dam	BCM	—	11/07/2014
—	—	—	—	—	—	S01406010019 : Rock Check Dam	BCM	—	11/07/2014

Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed on 07/26/2019. Alternative compliance was requested at all associated Site(s) on 10/27/2020.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S015	Site Monitoring Area No. S-SMA-5.5	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	S01502040005 : Established Vegetation	BCM	—	05/02/2013
—	—	—	—	—	—	S01503010004 : Earthen Berm	BCM	04/29/2011	04/26/2011

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: S016	Site Monitoring Area No. S-SMA-6	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	389	ug/L	08/26/2021	D : MTAL	S01602040012 : Established Vegetation	BCM	—	05/08/2013
Copper, F	Y	33.1	ug/L	08/26/2021	D : MTAL	S01603010006 : Earthen Berm	BCM	04/29/2011	04/28/2011
Gross alpha, UF	Y	156	pCi/L	08/26/2021	D : ATAL	S01603010018 : Earthen Berm	CA	—	12/09/2020
Lead, F	Y	42.1	ug/L	08/26/2021	D : MTAL	S01603140019 : Coir Log	CA	—	12/09/2020
Total PCB, UF	N	0	ug/L	08/26/2021	ND : ATAL	S01604060014 : Rip Rap	CA	—	11/29/2014
—	—	—	—	—	—	S01606010013 : Rock Check Dam	CA	—	11/29/2014

Comments: The sampler was activated for corrective action monitoring on 03/25/2021. The sampler attempted but was unable to collect on 05/26/2021 and was reset for continued monitoring on 06/04/2021 (inoperable 9 d). A confirmation monitoring sample was collected on 08/26/2021 and the sampler was reset for continued monitoring on 09/09/2021 (inoperable 15 d). The sampler was shut down for winter on 11/19/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J028	Site Monitoring Area No. STRM-SMA-1.05	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J02802040009 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	J02804060006 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J02806010004 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J02806010005 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J02806010007 : Rock Check Dam	BCM	—	07/25/2012
—	—	—	—	—	—	J02808030008 : Concrete/Asphalt Cap	CA	06/01/2013	05/02/2013

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J029	Site Monitoring Area No. STRM-SMA-1.5	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	J02902040018 : Established Vegetation	BCM	—	05/08/2013
—	—	—	—	—	—	J02903010009 : Earthen Berm	BCM	—	08/31/2011
—	—	—	—	—	—	J02903010011 : Earthen Berm	BCM	—	08/31/2011
—	—	—	—	—	—	J02903010013 : Earthen Berm	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	J02903010021 : Earthen Berm	CA	08/13/2021	07/14/2021
—	—	—	—	—	—	J02903120015 : Rock Berm	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	J02904010019 : Earthen Channel/Swale	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	J02904060016 : Rip Rap	CA	08/07/2013	07/08/2013
—	—	—	—	—	—	J02904060020 : Rip Rap	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	J02908030017 : Concrete/Asphalt Cap	CA	08/07/2013	07/08/2013

Comments: The sampler was activated for corrective action monitoring on 07/14/2021. The sampler was shut down for winter on 11/12/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J030	Site Monitoring Area No. STRM-SMA-4.2	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	569	ug/L	07/27/2021	D : MTAL	J03002040006 : Established Vegetation	BCM	—	04/23/2013
Copper, F	Y	4.57	ug/L	07/27/2021	D : MTAL	J03003010004 : Earthen Berm	CA	09/16/2012	08/17/2012
Silver, F	Y	0.568	ug/L	07/27/2021	D : MQL	J03004010002 : Earthen Channel/Swale	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	J03005070007 : Plunge Pool	CA	02/10/2020	01/10/2020
—	—	—	—	—	—	J03005070008 : Plunge Pool	CA	02/10/2020	01/10/2020
—	—	—	—	—	—	J03005070009 : Plunge Pool	CA	02/10/2020	01/10/2020
—	—	—	—	—	—	J03006010010 : Rock Check Dam	CA	02/10/2020	01/10/2020
—	—	—	—	—	—	J03006010011 : Rock Check Dam	CA	02/10/2020	01/10/2020
—	—	—	—	—	—	J03006010012 : Rock Check Dam	CA	02/10/2020	01/10/2020

Comments: The sampler was activated for corrective action monitoring on 03/23/2021. The sampler attempted but was unable to collect on 05/30/2021 and was reset for continued monitoring on 06/02/2021 (inoperable 3 d). The sampler attempted but was unable to collect on 07/01/2021 and was reset for continued monitoring on 07/06/2021 (inoperable 5 d). A confirmation monitoring sample was collected on 07/27/2021. The sampler was reset for continued monitoring on 08/05/2021 (inoperable 9 d). The sampler was shut down for winter on 11/03/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: J031	Site Monitoring Area No. STRM-SMA-5.05	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	J03102040013 : Established Vegetation	BCM	–	04/23/2013
–	–	–	–	–	–	J03103010009 : Earthen Berm	CA	07/27/2012	06/27/2012
–	–	–	–	–	–	J03103010012 : Earthen Berm	CA	–	07/27/2012
–	–	–	–	–	–	J03103010014 : Earthen Berm	CA	–	10/24/2017
–	–	–	–	–	–	J03103020004 : Base Course Berm	BCM	12/01/2010	11/01/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 02/26/2016.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T002	Site Monitoring Area No. T-SMA-1	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	Y	1390	ug/L	08/26/2021	D : MTAL	T00203010013 : Earthen Berm	CA	06/11/2014	05/12/2014
Antimony, F	N	1	ug/L	08/26/2021	ND : ATAL	T00203010014 : Earthen Berm	CA	06/11/2014	05/12/2014
Arsenic, F	N	2	ug/L	08/26/2021	ND : ATAL	T00203010015 : Earthen Berm	CA	06/11/2014	05/12/2014
Boron, F	N	17.1	ug/L	08/26/2021	D : ATAL	T00203060020 : Straw Wattle	CA	—	11/17/2014
Cadmium, F	N	0.3	ug/L	08/26/2021	ND : MQL	T00204020016 : Concrete/Asphalt Channel/Swale	CA	06/11/2014	05/12/2014
Chromium, F	N	3	ug/L	08/26/2021	ND : MTAL	T00204040017 : Culvert	CA	06/11/2014	05/12/2014
Cobalt, F	N	2.69	ug/L	08/26/2021	D : ATAL	T00204040018 : Culvert	CA	06/11/2014	05/12/2014
Copper, F	Y	5.13	ug/L	08/26/2021	D : MTAL	T00206010024 : Rock Check Dam	CA	—	11/17/2014
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	08/26/2021	ND : MQL	T00206010025 : Rock Check Dam	CA	—	11/17/2014
Gross alpha, UF	Y	93.5	pCi/L	08/26/2021	D : ATAL	T00206010026 : Rock Check Dam	CA	—	11/17/2014
Lead, F	N	6.99	ug/L	08/26/2021	D : MTAL	T00206010027 : Rock Check Dam	CA	—	11/17/2014
Mercury, UF	N	0.075	ug/L	08/26/2021	D : ATAL	T00208010001 : Earth Cap	BCM	04/29/2011	12/13/2010
Nickel, F	N	2.88	ug/L	08/26/2021	D : MTAL	T00208010019 : Earth Cap	CA	06/11/2014	05/12/2014
Radium-226 and Radium-228, UF	N	6.58	pCi/L	08/26/2021	D : ATAL	—	—	—	—
Selenium, UF	Y	8.15	ug/L	08/26/2021	D : ATAL	—	—	—	—
Silver, F	N	0.3	ug/L	08/26/2021	ND : MQL	—	—	—	—

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	0.6	ug/L	08/26/2021	ND : ATAL	—	—	—	—
Total PCB, UF	Y	0.00434	ug/L	08/26/2021	D : ATAL	—	—	—	—
Vanadium, F	N	9.03	ug/L	08/26/2021	D : ATAL	—	—	—	—
Zinc, F	N	17	ug/L	08/26/2021	D : MTAL	—	—	—	—
Comments: The sampler was activated on 04/02/2021 to collect the sample required under E.1(b) following certification of completion of corrective action under E.2(c). The required investigation sample was collected on 08/26/2021. The monitoring stage is complete.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T003	Site Monitoring Area No. T-SMA-2.5	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	T00304010002 : Earthen Channel/Swale	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00306010003 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00306010004 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00306010005 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00308020001 : Rock Cap	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T004	Site Monitoring Area No. T-SMA-2.85	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	T00402040007 : Established Vegetation	BCM	—	04/30/2013
—	—	—	—	—	—	T00403090004 : Curbing	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00406010005 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00406010006 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00406010008 : Rock Check Dam	BCM	—	10/27/2014
—	—	—	—	—	—	T00406010009 : Rock Check Dam	BCM	—	10/27/2014
—	—	—	—	—	—	T00406010010 : Rock Check Dam	BCM	—	10/27/2014
—	—	—	—	—	—	T00406010011 : Rock Check Dam	BCM	—	10/27/2014
Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T005	Site Monitoring Area No. T-SMA-3	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	T00502040012 : Established Vegetation	BCM	–	04/30/2013
–	–	–	–	–	–	T00504060001 : Rip Rap	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	T00506020010 : Log Check Dam	BCM	–	05/23/2012
–	–	–	–	–	–	T00506020011 : Log Check Dam	BCM	–	08/30/2012

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T006	Site Monitoring Area No. T-SMA-4	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	T00602040011 : Established Vegetation	BCM	–	04/30/2013
–	–	–	–	–	–	T00603010019 : Earthen Berm	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00603090012 : Curbing	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00603110013 : Eco-Block	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00603120015 : Rock Berm	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00603120016 : Rock Berm	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00603120017 : Rock Berm	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00603120018 : Rock Berm	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00604060014 : Rip Rap	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00604060022 : Rip Rap	CA	11/14/2015	10/15/2015
–	–	–	–	–	–	T00606010007 : Rock Check Dam	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	T00606010008 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T007	Site Monitoring Area No. T-SMA-5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	T00702040012 : Established Vegetation	BCM	–	04/30/2013
–	–	–	–	–	–	T00703010008 : Earthen Berm	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	T00704060016 : Rip Rap	BCM	–	12/18/2019
–	–	–	–	–	–	T00705020015 : Sediment Basin	BCM	–	09/20/2016
–	–	–	–	–	–	T00706010002 : Rock Check Dam	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	T00706010004 : Rock Check Dam	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	T00706010009 : Rock Check Dam	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	T00706010011 : Rock Check Dam	BCM	04/29/2011	12/13/2010
–	–	–	–	–	–	T00706010014 : Rock Check Dam	BCM	–	10/30/2014

Comments: The sampler was activated for baseline monitoring on 04/02/2021. The sampler was shut down for winter on 11/16/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T008	Site Monitoring Area No. T-SMA-6.8	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	T00802040008 : Established Vegetation	CA	—	07/07/2015
—	—	—	—	—	—	T00803100003 : Gravel Bags	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00803140010 : Coir Log	CA	—	07/12/2021

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T009	Site Monitoring Area No. T-SMA-7	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	T00902040011 : Established Vegetation	BCM	—	05/01/2013
—	—	—	—	—	—	T00903010009 : Earthen Berm	BCM	—	06/15/2011
—	—	—	—	—	—	T00903020008 : Base Course Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00906010002 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00906010003 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00906010006 : Rock Check Dam	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T00906010007 : Rock Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: T010	Site Monitoring Area No. T-SMA-7.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	T01002040009 : Established Vegetation	BCM	—	05/01/2013
—	—	—	—	—	—	T01003010007 : Earthen Berm	BCM	—	06/15/2011
—	—	—	—	—	—	T01003010008 : Earthen Berm	BCM	—	06/15/2011
—	—	—	—	—	—	T01003020005 : Base Course Berm	BCM	04/29/2011	12/13/2010
—	—	—	—	—	—	T01006020006 : Log Check Dam	BCM	04/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2021. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W001	Site Monitoring Area No. W-SMA-1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W00102040019 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W00103010014 : Earthen Berm	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	W00103010015 : Earthen Berm	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	W00104060011 : Rip Rap	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	W00104060017 : Rip Rap	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	W00105030016 : Sand Filter	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	W00106010008 : Rock Check Dam	BCM	12/01/2010	11/01/2010
—	—	—	—	—	—	W00106010012 : Rock Check Dam	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	W00106010013 : Rock Check Dam	CA	06/01/2013	05/02/2013
—	—	—	—	—	—	W00108020018 : Rock Cap	CA	06/01/2013	05/02/2013

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested for Site(s) 16-026(c2) and 16-026(v) on 05/06/2015. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) for Site 16-017(j)-99 on 09/15/2015. The sample required under E.1(b) for Site 16-017(j)-99 was collected on 10/24/2018.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W002	Site Monitoring Area No. W-SMA-1.5	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W00202040017 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W00203010015 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W00203010020 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	W00203160024: Straw Wattle	CA	—	11/02/2021
—	—	—	—	—	—	W00204060007 : Rip Rap	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W00204070002 : Vegetated Swale	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W00204070003 : Vegetated Swale	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W00205020013 : Sediment Basin	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W00205020021 : Sediment Basin	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	W00206010008 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W00206010009 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W00206010010 : Rock Check Dam	BCM	04/29/2011	12/22/2010

Comments: The sampler was activated for corrective action monitoring on 03/25/2021. The sampler was found to be inoperable on 06/01/2021 due to a sample attempt at an undocumented time. The collection attempt date was estimated as 05/30/2021 (inoperable up to 2 d) using the RTU event notification for the location and the start of the 30 minute maximum storm intensity from the associated precipitation gage. The sampler was shut down for winter on 11/02/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Steve J. Veenis, Program Director	See Signature on file pg. C-1 to C-7	See date on file
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Date

COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W018	Site Monitoring Area No. W-SMA-10	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	W01802040025 : Established Vegetation	BCM	–	05/07/2013
–	–	–	–	–	–	W01803010022 : Earthen Berm	CA	09/22/2012	08/23/2012
–	–	–	–	–	–	W01803010023 : Earthen Berm	CA	09/22/2012	08/23/2012
–	–	–	–	–	–	W01803010024 : Earthen Berm	CA	09/22/2012	08/23/2012
–	–	–	–	–	–	W01803040010 : Asphalt Berm	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W01803040016 : Asphalt Berm	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W01803060028 : Straw Wattle	CA	–	08/19/2015
–	–	–	–	–	–	W01803060032 : Straw Wattle	CA	–	09/11/2018
–	–	–	–	–	–	W01803090002 : Curbing	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W01803140031 : Coir Log	CA	–	07/18/2017
–	–	–	–	–	–	W01804060004 : Rip Rap	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W01804060013 : Rip Rap	BCM	04/29/2011	12/22/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 02/26/2016.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W019	Site Monitoring Area No. W-SMA-11.7	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	Y	4760	ug/L	08/26/2021	D : MTAL	W01902040052 : Established Vegetation	BCM	—	05/09/2013
Gross alpha, UF	Y	49.9	pCi/L	08/26/2021	D : ATAL	W01903010040 : Earthen Berm	BCM	—	09/22/2011
—	—	—	—	—	—	W01903010041 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010042 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010043 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010044 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010045 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010046 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010047 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010048 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010049 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01903010050 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W01904010051 : Earthen Channel/Swale	CA	11/22/2012	10/23/2012

Comments: The sampler was activated for corrective action monitoring on 04/02/2021. The sampler attempted but was unable to collect a sample on 08/22/2021 with no associated inoperable time. A confirmation monitoring sample was collected on 08/26/2021. The monitoring stage is complete.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W020	Site Monitoring Area No. W-SMA-12.05	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W02002040018 : Established Vegetation	BCM	—	05/09/2013
—	—	—	—	—	—	W02003010015 : Earthen Berm	BCM	—	09/22/2011
—	—	—	—	—	—	W02003010016 : Earthen Berm	BCM	—	09/22/2011
—	—	—	—	—	—	W02003010017 : Earthen Berm	BCM	—	09/22/2011
—	—	—	—	—	—	W02004060002 : Rip Rap	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W02006010001 : Rock Check Dam	BCM	04/29/2011	12/22/2010

Comments: The sampler was activated for baseline monitoring on 04/02/2021. The sampler attempted but was unable to collect on 04/18/2021 and was reset for continued monitoring on 04/19/2021 (inoperable 1 d). The sampler attempted but was unable to collect on 04/23/2021 with no associated inoperable time. The sampler attempted but was unable to collect on 05/03/2021 and was reset for continued monitoring on 05/07/2021 (inoperable 4 d). The sampler attempted but was unable to collect on 05/30/2021 and was reset for continued monitoring on 06/01/2021 (inoperable 2 d). The sampler attempted but was unable to collect on 09/28/2021 and was reset for continued monitoring on 09/29/2021 (inoperable 1 d). The sampler attempted but was unable to collect on 09/30/2021 and was reset for continued monitoring on 10/01/2021 (inoperable 1 d). The sampler was shut down for winter on 11/15/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W021	Site Monitoring Area No. W-SMA-14.1	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W02102040021 : Established Vegetation	BCM	—	04/03/2013
—	—	—	—	—	—	W02103010016 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W02103010017 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W02103010018 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W02103010019 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W02103010020 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W02104060014 : Rip Rap	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	W02106010008 : Rock Check Dam	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	W02106010009 : Rock Check Dam	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	W02106010011 : Rock Check Dam	BCM	04/29/2011	03/29/2011
—	—	—	—	—	—	W02106010012 : Rock Check Dam	BCM	04/29/2011	03/29/2011

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W022	Site Monitoring Area No. W-SMA-15.1	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W02202040006 : Established Vegetation	CA	—	05/09/2013
—	—	—	—	—	—	W02203010004 : Earthen Berm	CA	11/22/2012	10/23/2012
—	—	—	—	—	—	W02203010005 : Earthen Berm	CA	11/22/2012	10/23/2012

Comments: The sampler was activated for corrective action monitoring on 04/02/2021. The sampler was shut down for winter on 11/15/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W003	Site Monitoring Area No. W-SMA-2.05	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W00302040010 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W00303010007 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W00303010008 : Earthen Berm	CA	10/25/2012	09/25/2012
—	—	—	—	—	—	W00306010009 : Rock Check Dam	CA	10/25/2012	09/25/2012

Comments: The sampler was activated for corrective action monitoring on 03/25/2021. The sampler was shut down for winter on 11/02/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W004	Site Monitoring Area No. W-SMA-3.5	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W00402040008 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W00403060013 : Straw Wattle	BCM	—	07/06/2016
—	—	—	—	—	—	W00403060014 : Straw Wattle	BCM	—	09/26/2016
—	—	—	—	—	—	W00403060015 : Straw Wattle	BCM	—	09/11/2018
—	—	—	—	—	—	W00403140016 : Coir Log	BCM	—	09/28/2021
—	—	—	—	—	—	W00404060003 : Rip Rap	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W00406010007 : Rock Check Dam	BCM	04/29/2011	12/22/2010

Comments: The sampler was activated for baseline monitoring on 03/29/2021. The sampler attempted but was unable to collect on 08/15/2021 and was reset for continued monitoring on 09/14/2021 (inoperable 30 d). The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W005	Site Monitoring Area No. W-SMA-4.1	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	W00502040006 : Established Vegetation	BCM	–	05/07/2013
–	–	–	–	–	–	W00503060009 : Straw Wattle	BCM	–	07/06/2016
–	–	–	–	–	–	W00503060011 : Straw Wattle	BCM	–	09/29/2021
–	–	–	–	–	–	W00503140010 : Coir Log	CA	–	04/21/2017

Comments: The sampler was activated for baseline monitoring on 04/07/2021. The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W006	Site Monitoring Area No. W-SMA-5	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	W00602040029 : Established Vegetation	BCM	–	05/07/2013
–	–	–	–	–	–	W00604040011 : Culvert	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00604050033 : Water Bar	CA	–	10/23/2014
–	–	–	–	–	–	W00604060006 : Rip Rap	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00606010003 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00606010012 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00606010013 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00606010014 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00606010015 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00606010017 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00606010021 : Rock Check Dam	BCM	–	09/06/2011
–	–	–	–	–	–	W00606010022 : Rock Check Dam	BCM	–	06/06/2012
–	–	–	–	–	–	W00606010023 : Rock Check Dam	BCM	–	06/06/2012
–	–	–	–	–	–	W00606010024 : Rock Check Dam	BCM	–	06/06/2012
–	–	–	–	–	–	W00606010028 : Rock Check Dam	BCM	–	08/01/2012
–	–	–	–	–	–	W00606010031 : Rock Check Dam	CA	–	10/23/2014

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	W00606010032 : Rock Check Dam	CA	–	10/23/2014
Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W007	Site Monitoring Area No. W-SMA-6	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	W00701010007 : Seed and Wood Mulch	BCM	–	07/22/2013
–	–	–	–	–	–	W00702040004 : Established Vegetation	BCM	–	07/22/2013
–	–	–	–	–	–	W00703060006 : Straw Wattle	BCM	–	07/22/2013
–	–	–	–	–	–	W00703060008 : Straw Wattle	BCM	–	09/18/2020

Comments: No confirmation monitoring was conducted in 2021. Baseline monitoring was completed on 10/04/2019. Alternative compliance was requested at all associated Site(s) on 10/27/2020.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W008	Site Monitoring Area No. W-SMA-7	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	W00801030048 : Hydromulch	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00802040014 : Established Vegetation	BCM	–	05/07/2013
–	–	–	–	–	–	W00803010049 : Earthen Berm	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803060010 : Straw Wattle	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00803060019 : Straw Wattle	BCM	–	07/22/2013
–	–	–	–	–	–	W00803060024 : Straw Wattle	CA	–	10/15/2014
–	–	–	–	–	–	W00803060025 : Straw Wattle	CA	–	10/15/2014
–	–	–	–	–	–	W00803060052 : Straw Wattle	CA	–	04/10/2019
–	–	–	–	–	–	W00803060053 : Straw Wattle	CA	–	04/10/2019
–	–	–	–	–	–	W00803140035 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140036 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140041 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140042 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140043 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140044 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140045 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140046 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140047 : Coir Log	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00803140050 : Coir Log	CA	–	09/12/2018
–	–	–	–	–	–	W00803140051 : Coir Log	CA	–	09/12/2018
–	–	–	–	–	–	W00806010001 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00806010003 : Rock Check Dam	BCM	04/29/2011	12/22/2010

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	W00806010004 : Rock Check Dam	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W00806010015 : Rock Check Dam	BCM	–	07/22/2013
–	–	–	–	–	–	W00806010016 : Rock Check Dam	BCM	–	07/22/2013
–	–	–	–	–	–	W00806010026 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00806010027 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00806010028 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00806010029 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00806010030 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00806010031 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00806010032 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00806010033 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00806010034 : Rock Check Dam	CA	10/28/2015	09/28/2015
–	–	–	–	–	–	W00808040023 : Metal Cap	BCM	–	07/22/2013
Comments: The sampler was activated for corrective action monitoring on 03/23/2021. The sampler was shut down for winter on 11/01/2021.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W009	Site Monitoring Area No. W-SMA-7.8	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? Y Sample(s) Collected? Y

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	193	ug/L	05/30/2021	D : MTAL	W00902040009 : Established Vegetation	BCM	—	05/07/2013
Antimony, F	N	1	ug/L	05/30/2021	ND : ATAL	W00903010004 : Earthen Berm	BCM	04/29/2011	12/22/2010
Arsenic, F	N	2	ug/L	05/30/2021	ND : ATAL	W00903100010 : Gravel Bags	CA	—	04/21/2017
Boron, F	N	15	ug/L	05/30/2021	ND : ATAL	W00906010001 : Rock Check Dam	BCM	04/29/2011	12/22/2010
Cadmium, F	N	0.3	ug/L	05/30/2021	ND : MQL	W00906010005 : Rock Check Dam	BCM	04/29/2011	12/22/2010
Chromium, F	N	3	ug/L	05/30/2021	ND : MTAL	W00906010006 : Rock Check Dam	BCM	04/29/2011	12/22/2010
Cobalt, F	N	1	ug/L	05/30/2021	ND : ATAL	W00906010007 : Rock Check Dam	BCM	04/29/2011	12/22/2010
Copper, F	N	2.68	ug/L	05/30/2021	D : MTAL	—	—	—	—
Cyanide, weak acid dissociable, UF	N	1.67	ug/L	05/30/2021	ND : MQL	—	—	—	—
Gross alpha, UF	Y	63.4	pCi/L	05/30/2021	D : ATAL	—	—	—	—
Lead, F	N	0.5	ug/L	05/30/2021	ND : MTAL	—	—	—	—
Mercury, UF	N	0.093	ug/L	05/30/2021	D : ATAL	—	—	—	—
Nickel, F	N	0.639	ug/L	05/30/2021	D : MTAL	—	—	—	—
Radium-226 and Radium-228, UF	N	3.25	pCi/L	05/30/2021	D : ATAL	—	—	—	—
Selenium, UF	N	2	ug/L	05/30/2021	ND : ATAL	—	—	—	—
Silver, F	N	0.3	ug/L	05/30/2021	ND : MQL	—	—	—	—

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	0.6	ug/L	05/30/2021	ND : ATAL	—	—	—	—
Vanadium, F	N	1	ug/L	05/30/2021	ND : ATAL	—	—	—	—
Zinc, F	N	7.36	ug/L	05/30/2021	D : MTAL	—	—	—	—
Comments: The sampler was activated for baseline monitoring on 03/23/2021. A confirmation monitoring sample was collected on 05/30/2021. The monitoring stage is complete.									

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W010	Site Monitoring Area No. W-SMA-7.9	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W01002040004 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W01006010003 : Rock Check Dam	BCM	04/29/2011	12/22/2010

Comments: The sampler was activated for baseline monitoring on 03/23/2021. The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W011	Site Monitoring Area No. W-SMA-8	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W01102040009 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W01103010012 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	W01103010013 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	W01103010014 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	W01103010015 : Earthen Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	W01103040010 : Asphalt Berm	CA	09/09/2015	08/10/2015
—	—	—	—	—	—	W01106010006 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W01106010011 : Rock Check Dam	CA	—	12/22/2014
—	—	—	—	—	—	W01106010016 : Rock Check Dam	CA	09/09/2015	08/10/2015

Comments: The sampler was activated for corrective action monitoring on 03/23/2021. The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W012	Site Monitoring Area No. W-SMA-8.7	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W01202040011 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	W01203060010 : Straw Wattle	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W01206010006 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W01206010007 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W01206010008 : Rock Check Dam	BCM	04/29/2011	12/22/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W012A	Site Monitoring Area No. W-SMA-8.71	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W012A02040006 : Established Vegetation	BCM	—	05/03/2013
—	—	—	—	—	—	W012A03010005 : Earthen Berm	CA	12/27/2012	11/27/2012
—	—	—	—	—	—	W012A03010007 : Earthen Berm	CA	10/04/2015	09/04/2015
—	—	—	—	—	—	W012A03060008 : Straw Wattle	CA	—	08/17/2015
—	—	—	—	—	—	W012A03060009 : Straw Wattle	CA	—	08/17/2015

Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler was shut down for winter on 11/10/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W013	Site Monitoring Area No. W-SMA-9.05	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

Monitoring Requirement	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W01302040013 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W01303010010 : Earthen Berm	BCM	—	11/14/2011
—	—	—	—	—	—	W01303010011 : Earthen Berm	BCM	—	11/14/2011
—	—	—	—	—	—	W01304010004 : Earthen Channel/Swale	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W01306010001 : Rock Check Dam	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W01306010012 : Rock Check Dam	BCM	—	11/14/2011

Comments: The sampler was activated for baseline monitoring on 03/25/2021. The sampler was shut down for winter on 11/02/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W014	Site Monitoring Area No. W-SMA-9.5	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W01403010010 : Earthen Berm	CA	10/08/2020	12/09/2020
—	—	—	—	—	—	W01404060011 : Rip Rap	CA	10/08/2020	12/09/2020

Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler was shut down for winter on 11/01/2021.

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W015	Site Monitoring Area No. W-SMA-9.7	Permit Phase: Corrective Action

Monitoring Required? N Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W01502040008 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W01503060018 : Straw Wattle	CA	—	08/18/2015
—	—	—	—	—	—	W01503060022 : Straw Wattle	CA	—	09/28/2021
—	—	—	—	—	—	W01503100017 : Gravel Bags	BCM	—	10/28/2014
—	—	—	—	—	—	W01503140020 : Coir Log	BCM	—	07/13/2017
—	—	—	—	—	—	W01506030004 : Juniper Bales	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W01506030005 : Juniper Bales	BCM	04/29/2011	12/22/2010

Comments: No confirmation monitoring was conducted in 2021. Alternative compliance was requested at all associated Site(s) on 05/06/2015.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W016	Site Monitoring Area No. W-SMA-9.8	Permit Phase: Baseline Control Measures

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
–	–	–	–	–	–	W01602040012 : Established Vegetation	BCM	–	05/07/2013
–	–	–	–	–	–	W01603020007 : Base Course Berm	BCM	04/29/2011	12/22/2010
–	–	–	–	–	–	W01603140013 : Coir Log	BCM	–	09/21/2021

Comments: The sampler was activated for baseline monitoring on 03/30/2021. The sampler attempted but was unable to collect on 08/04/2021 with no associated inoperable time. The sampler attempted but was unable to collect on 08/15/2021 and was reset for continued monitoring on 08/16/2021 (inoperable 1 d). The sampler was shut down for winter on 11/01/2021.

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COMPLIANCE STATUS REPORT

NEWPORT NEWS NUCLEAR BWXT - LOS ALAMOS, LLC	Reporting Period: January 01, 2021 - December 31, 2021	NPDES Permit No.: NM0030759
Permitted Feature No.: W017	Site Monitoring Area No. W-SMA-9.9	Permit Phase: Corrective Action

Monitoring Required? Y Measurable Discharge? N Sample(s) Collected? N

	Parameter(s) > Target Action Level					Control Measure(s)		Completion Date	
Monitoring Requirement	(Yes/ No)	Quality or Concentration	Units	Sample Date	Result Description	Type	Permit Phase	Required	Actual
—	—	—	—	—	—	W01702040022 : Established Vegetation	BCM	—	05/07/2013
—	—	—	—	—	—	W01703010017 : Earthen Berm	CA	07/27/2012	06/27/2012
—	—	—	—	—	—	W01703010018 : Earthen Berm	CA	07/27/2012	06/27/2012
—	—	—	—	—	—	W01703010019 : Earthen Berm	CA	07/27/2012	06/27/2012
—	—	—	—	—	—	W01703010020 : Earthen Berm	CA	07/27/2012	06/27/2012
—	—	—	—	—	—	W01703090001 : Curbing	BCM	04/29/2011	12/22/2010
—	—	—	—	—	—	W01703110023 : Eco-Block	BCM	—	04/17/2019

Comments: The sampler was activated for corrective action monitoring on 03/30/2021. The sampler was shut down for winter on 11/01/2021.

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Attachment 1

*Supporting Documentation for Analysis of
Polychlorinated Biphenyl Congeners Using
U.S. Environmental Protection Agency Method 1668*

Polychlorinated Biphenyl Congeners Certificate of Analysis Sample Summary

Sample Date	Analysis Date	Sample Delivery Group Number Chain of Custody	Site Monitoring Area	Sample ID
05/31/2021	06/19/2021	N3B-2021-1804	CHQ-SMA-1.02	WT_IPC-21-228786
08/03/2021	08/25/2021	N3B-2021-2251	CHQ-SMA-1.02	WT_IPC-21-228787
08/03/2021	08/26/2021	N3B-2021-2251	CHQ-SMA-0.5	WT_IPC-21-221391
08/03/2021	09/07/2021	N3B-2021-2271	CDB-SMA-1	WT_IPC-21-221102
08/22/2021	09/08/2021	N3B-2021-2384	PJ-SMA-19	WT_IPC-21-221539
08/26/2021	09/16/2021	N3B-2021-2458	T-SMA-1	WT_IPC-21-221542
08/26/2021	10/07/2021	N3B-2021-2505	S-SMA-6	WT_IPC-21-221611

Blank Population Summary

Date Range	Associated Chains of Custody
June 1 – June 30, 2021	N3B-2021-1804
August 1 – August 31, 2021	N3B-2021-2251
September 1 – September 30, 2021	N3B-2021-2271, N3B-2021-2384, N3B-2021-2458
October 1 – October 31, 2021	N3B-2021-2505

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUN-21 to 30-JUN-21

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	0.433	0.189	0.81	
3-Chlorobiphenyl (2)	pg/L	0.558	0.209	0.975	
4-Chlorobiphenyl (3)	pg/L	0.524	0.221	0.966	
2,2'-Dichlorobiphenyl (4)	pg/L	2.96	1.61	6.17	
2,3-Dichlorobiphenyl (5)	pg/L	2.12	1.43	4.98	
2,3'-Dichlorobiphenyl (6)	pg/L	1.95	1.31	4.57	
2,4-Dichlorobiphenyl (7)	pg/L	1.79	1.22	4.24	
2,4'-Dichlorobiphenyl (8)	pg/L	1.75	1.19	4.14	
2,5-Dichlorobiphenyl (9)	pg/L	2.29	1.57	5.43	
2,6-Dichlorobiphenyl (10)	pg/L	1.98	1.23	4.44	
3,3'-Dichlorobiphenyl (11)	pg/L	2.25	1.51	5.27	
3,4-Dichlorobiphenyl (12)	pg/L	2.05	1.38	4.8	
3,5-Dichlorobiphenyl (14)	pg/L	2.17	1.47	5.1	
4,4'-Dichlorobiphenyl (15)	pg/L	2.35	1.65	5.64	
2,2',3-Trichlorobiphenyl (16)	pg/L	0.921	0.42	1.76	
2,2',4-Trichlorobiphenyl (17)	pg/L	0.937	0.452	1.84	
2,2',5-Trichlorobiphenyl (18)	pg/L	0.77	0.377	1.52	
2,2',6-Trichlorobiphenyl (19)	pg/L	0.984	0.561	2.11	
2,3,3'-Trichlorobiphenyl (20)	pg/L	0.642	0.303	1.25	
2,3,4-Trichlorobiphenyl (21)	pg/L	0.651	0.302	1.25	
2,3,4'-Trichlorobiphenyl (22)	pg/L	0.632	0.29	1.21	
2,3,5-Trichlorobiphenyl (23)	pg/L	0.616	0.284	1.18	
2,3,6-Trichlorobiphenyl (24)	pg/L	0.62	0.313	1.25	
2,3',4-Trichlorobiphenyl (25)	pg/L	0.565	0.257	1.08	
2,3',5-Trichlorobiphenyl (26)	pg/L	0.672	0.312	1.3	
2,3',6-Trichlorobiphenyl (27)	pg/L	0.721	0.352	1.43	
2,4',5-Trichlorobiphenyl (31)	pg/L	0.657	0.299	1.25	
2,4',6-Trichlorobiphenyl (32)	pg/L	0.639	0.306	1.25	
2',3,5-Trichlorobiphenyl (34)	pg/L	0.752	0.354	1.46	
3,3',4-Trichlorobiphenyl (35)	pg/L	0.86	0.423	1.71	
3,3',5-Trichlorobiphenyl (36)	pg/L	0.706	0.315	1.34	
3,4,4'-Trichlorobiphenyl (37)	pg/L	0.901	0.436	1.77	
3,4,5-Trichlorobiphenyl (38)	pg/L	0.829	0.367	1.56	
3,4',5-Trichlorobiphenyl (39)	pg/L	0.694	0.306	1.31	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	1.19	0.337	1.86	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	1.62	0.578	2.77	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	1.37	0.386	2.14	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	1.62	0.495	2.6	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	1.19	0.363	1.91	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	0.728	0.241	1.21	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	0.762	0.252	1.27	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	1.19	0.372	1.94	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	1.14	0.342	1.82	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	0.678	0.223	1.12	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	1.37	0.443	2.25	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	0.518	0.191	0.9	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUN-21 to 30-JUN-21

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	0.925	0.286	1.5	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	0.946	0.311	1.57	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	0.952	0.319	1.59	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	0.839	0.289	1.42	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	0.972	0.298	1.57	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	0.887	0.289	1.47	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	0.878	0.293	1.46	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	0.93	0.305	1.54	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	0.925	0.271	1.47	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	0.915	0.311	1.54	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	0.814	0.264	1.34	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	0.762	0.256	1.27	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	0.919	0.312	1.54	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	0.914	0.287	1.49	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	1.07	0.366	1.8	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	1.12	0.359	1.84	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	0.901	0.293	1.49	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	0.822	0.263	1.35	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	0.989	0.343	1.67	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	1.71	0.684	3.08	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	1.69	0.722	3.13	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	1.44	0.594	2.62	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	1.1	0.442	1.99	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	1.17	0.464	2.09	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	1.34	0.56	2.46	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	1.69	0.687	3.06	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	1.18	0.476	2.13	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	1.6	0.642	2.88	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	1.18	0.496	2.17	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.26	0.525	2.31	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	1.54	0.629	2.8	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.833	0.313	1.46	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	1.31	0.536	2.38	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	1.08	0.446	1.97	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	1.36	0.57	2.5	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	0.695	0.282	1.26	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	1.22	0.511	2.24	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	1.36	0.534	2.43	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	0.915	0.412	1.74	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.11	0.485	2.08	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	1.02	0.4	1.82	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	0.925	0.361	1.65	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	1.05	0.394	1.84	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	1.14	0.497	2.14	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	1.11	0.494	2.1	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	1.11	0.431	1.97	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUN-21 to 30-JUN-21

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	0.922	0.368	1.66	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	1.51	0.665	2.84	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	1.09	0.492	2.08	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	1.45	0.607	2.66	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.26	0.538	2.34	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	1.07	0.431	1.93	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	1.11	0.465	2.04	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	1.44	0.586	2.61	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	1.33	0.57	2.46	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	1.23	0.515	2.26	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	1.4	0.589	2.58	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	1.35	0.581	2.51	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	0.893	0.344	1.58	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	0.708	0.274	1.26	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	1.08	0.49	2.06	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	1.1	0.471	2.04	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	1.29	0.488	2.26	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	1.56	0.627	2.81	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	1.56	0.598	2.76	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	0.953	0.346	1.64	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	0.617	0.24	1.1	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	1.04	0.465	1.97	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	1.13	0.45	2.03	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	0.922	0.344	1.61	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	0.606	0.234	1.07	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	0.712	0.283	1.28	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	0.94	0.385	1.71	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	0.746	0.273	1.29	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	0.572	0.187	0.946	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	1.05	0.4	1.85	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	0.863	0.34	1.54	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	0.819	0.307	1.43	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	0.998	0.371	1.74	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	1.05	0.389	1.83	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	0.738	0.277	1.29	
2,3,3',4',5,6-Hexachlorobiphenyl (164)	pg/L	1.01	0.359	1.72	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	0.928	0.381	1.69	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	0.779	0.293	1.36	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	0.942	0.334	1.61	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	1.04	0.412	1.87	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	1.04	0.452	1.94	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	1.04	0.428	1.89	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	1	0.441	1.88	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	0.759	0.211	1.18	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	0.585	0.156	0.897	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	1.02	0.445	1.91	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUN-21 to 30-JUN-21

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	0.821	0.231	1.28	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	0.563	0.149	0.862	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	0.799	0.319	1.44	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	0.848	0.376	1.6	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	0.737	0.189	1.12	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	0.895	0.389	1.67	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	0.495	0.133	0.761	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	0.537	0.143	0.824	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	0.642	0.179	1	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	0.548	0.14	0.828	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	0.708	0.204	1.12	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	0.777	0.295	1.37	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	0.757	0.296	1.35	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	0.743	0.297	1.34	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	0.704	0.209	1.12	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	0.747	0.226	1.2	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	0.789	0.321	1.43	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	0.579	0.249	1.08	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	0.802	0.335	1.47	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	0.582	0.261	1.1	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	0.61	0.268	1.15	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	0.709	0.29	1.29	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	0.584	0.256	1.1	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	0.555	0.161	0.878	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	0.924	0.434	1.79	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	0.721	0.323	1.37	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	0.726	0.302	1.33	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	0.825	0.483	1.79	

* = PQL adjusted to the MBCV.

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-21 to 31-AUG-21

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	1.04	1.19	3.43	
3-Chlorobiphenyl (2)	pg/L	1.18	1.21	3.6	
4-Chlorobiphenyl (3)	pg/L	1.06	1.05	3.17	
2,2'-Dichlorobiphenyl (4)	pg/L	3.41	1.97	7.35	
2,3-Dichlorobiphenyl (5)	pg/L	2.08	1.13	4.34	
2,3'-Dichlorobiphenyl (6)	pg/L	1.94	1.01	3.97	
2,4-Dichlorobiphenyl (7)	pg/L	1.75	0.912	3.58	
2,4'-Dichlorobiphenyl (8)	pg/L	1.74	0.908	3.55	
2,5-Dichlorobiphenyl (9)	pg/L	2.26	1.21	4.68	
2,6-Dichlorobiphenyl (10)	pg/L	1.95	0.991	3.93	
3,3'-Dichlorobiphenyl (11)	pg/L	5.58	11.3	28.2	
3,4-Dichlorobiphenyl (12)	pg/L	2.05	1.12	4.28	
3,5-Dichlorobiphenyl (14)	pg/L	2.15	1.15	4.44	
4,4'-Dichlorobiphenyl (15)	pg/L	2.13	1.02	4.17	
2,2',3-Trichlorobiphenyl (16)	pg/L	0.976	0.324	1.62	
2,2',4-Trichlorobiphenyl (17)	pg/L	0.97	0.312	1.59	
2,2',5-Trichlorobiphenyl (18)	pg/L	0.803	0.265	1.33	
2,2',6-Trichlorobiphenyl (19)	pg/L	1.19	0.609	2.4	
2,3,3'-Trichlorobiphenyl (20)	pg/L	0.674	0.227	1.13	
2,3,4-Trichlorobiphenyl (21)	pg/L	0.699	0.239	1.18	
2,3,4'-Trichlorobiphenyl (22)	pg/L	0.67	0.22	1.11	
2,3,5-Trichlorobiphenyl (23)	pg/L	0.65	0.205	1.06	
2,3,6-Trichlorobiphenyl (24)	pg/L	0.65	0.218	1.09	
2,3',4-Trichlorobiphenyl (25)	pg/L	0.602	0.199	1	
2,3',5-Trichlorobiphenyl (26)	pg/L	0.709	0.233	1.18	
2,3',6-Trichlorobiphenyl (27)	pg/L	0.751	0.249	1.25	
2,4',5-Trichlorobiphenyl (31)	pg/L	0.695	0.233	1.16	
2,4',6-Trichlorobiphenyl (32)	pg/L	0.672	0.229	1.13	
2',3,5-Trichlorobiphenyl (34)	pg/L	0.783	0.258	1.3	
3,3',4-Trichlorobiphenyl (35)	pg/L	0.923	0.291	1.5	
3,3',5-Trichlorobiphenyl (36)	pg/L	0.788	0.272	1.33	
3,4,4'-Trichlorobiphenyl (37)	pg/L	0.878	0.201	1.28	
3,4,5-Trichlorobiphenyl (38)	pg/L	0.881	0.262	1.41	
3,4',5-Trichlorobiphenyl (39)	pg/L	0.736	0.215	1.17	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	1.27	0.391	2.05	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	1.8	0.754	3.31	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	1.45	0.433	2.32	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	1.77	0.539	2.84	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	1.31	0.445	2.2	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	0.76	0.206	1.17	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	0.796	0.203	1.2	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	1.3	0.445	2.19	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	1.23	0.418	2.07	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	0.71	0.19	1.09	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	1.51	0.541	2.59	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	0.579	0.18	0.938	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-21 to 31-AUG-21

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	0.999	0.275	1.55	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	1.07	0.324	1.72	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	1.04	0.302	1.64	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	0.922	0.281	1.48	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	1.06	0.374	1.81	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	0.967	0.283	1.53	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	0.973	0.292	1.56	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	1.02	0.303	1.63	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	1.01	0.339	1.69	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	1.02	0.317	1.66	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	0.893	0.262	1.42	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	0.843	0.252	1.35	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	1.01	0.301	1.61	
2,3',5,6-Tetrachlorobiphenyl (73)	pg/L	1.01	0.374	1.76	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	1.09	0.273	1.63	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	1.22	0.361	1.94	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	0.981	0.297	1.58	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	0.9	0.268	1.44	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	1.01	0.262	1.53	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	1.7	0.611	2.92	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	1.74	0.69	3.12	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	1.44	0.521	2.48	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	1.11	0.415	1.94	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	1.15	0.422	2	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	1.35	0.507	2.37	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	1.69	0.612	2.91	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	1.18	0.44	2.06	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	1.6	0.58	2.76	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	1.21	0.466	2.14	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.27	0.475	2.22	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	1.55	0.573	2.7	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.751	0.295	1.34	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	1.32	0.491	2.3	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	1.08	0.419	1.92	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	1.37	0.524	2.42	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	0.627	0.262	1.15	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	1.22	0.473	2.17	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	1.34	0.464	2.26	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	0.955	0.391	1.74	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.14	0.441	2.02	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	1.05	0.387	1.82	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	0.93	0.345	1.62	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	1.04	0.361	1.76	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	1.16	0.448	2.05	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	1.11	0.431	1.97	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	1.12	0.419	1.96	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-21 to 31-AUG-21

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	0.922	0.342	1.61	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	1.54	0.595	2.73	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	1.1	0.43	1.96	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	1.43	0.552	2.53	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.27	0.496	2.26	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	1.17	0.507	2.18	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	1.25	0.559	2.37	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	1.55	0.654	2.86	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	1.45	0.627	2.7	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	1.34	0.57	2.48	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	1.53	0.653	2.83	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	1.5	0.646	2.79	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	0.813	0.247	1.31	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	0.652	0.203	1.06	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	1.18	0.547	2.27	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	1.22	0.534	2.28	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	1.38	0.54	2.46	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	1.68	0.673	3.03	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	1.65	0.637	2.92	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	0.875	0.261	1.4	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	0.567	0.175	0.916	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	1.16	0.54	2.24	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	1.24	0.51	2.26	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	0.835	0.248	1.33	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	0.555	0.164	0.882	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	0.645	0.203	1.05	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	1.04	0.46	1.96	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	0.687	0.202	1.09	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	0.514	0.152	0.817	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	1.04	0.332	1.7	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	0.948	0.401	1.75	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	0.799	0.258	1.32	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	1.07	0.413	1.89	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	1.14	0.445	2.03	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	0.726	0.227	1.18	
2,3,3',4',5,6-Hexachlorobiphenyl (164)	pg/L	1.09	0.42	1.93	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	1.02	0.443	1.91	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	0.752	0.241	1.23	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	0.914	0.277	1.47	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	1.07	0.402	1.88	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	1.06	0.416	1.89	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	1.07	0.416	1.9	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	1.01	0.364	1.74	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	0.765	0.263	1.29	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	0.596	0.201	0.999	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	1.05	0.428	1.91	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-21 to 31-AUG-21

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	0.825	0.276	1.38	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	0.579	0.2	0.979	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	0.831	0.324	1.48	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	0.884	0.375	1.63	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	0.738	0.232	1.2	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	0.926	0.376	1.68	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	0.505	0.169	0.842	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	0.546	0.182	0.909	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	0.65	0.224	1.1	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	0.547	0.169	0.885	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	0.769	0.274	1.32	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	0.814	0.319	1.45	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	0.79	0.306	1.4	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	0.775	0.306	1.39	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	0.791	0.32	1.43	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	0.841	0.342	1.53	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	0.784	0.317	1.42	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	0.576	0.237	1.05	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	0.793	0.316	1.42	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	0.572	0.231	1.03	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	0.605	0.246	1.1	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	0.694	0.264	1.22	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	0.582	0.243	1.07	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	0.64	0.274	1.19	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	1.13	0.595	2.32	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	0.872	0.438	1.75	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	0.866	0.419	1.7	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	0.854	0.549	1.95	

* = PQL adjusted to the MBCV.

Blank Population Summary

Method 1668C HRMS Aqueous Analysis for 01-SEP-21 to 30-SEP-21

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	1.1	1.16	3.42	
3-Chlorobiphenyl (2)	pg/L	1.24	1.17	3.59	
4-Chlorobiphenyl (3)	pg/L	1.12	1.02	3.16	
2,2'-Dichlorobiphenyl (4)	pg/L	4.24	2.97	10.2	
2,3-Dichlorobiphenyl (5)	pg/L	2.27	1.25	4.76	
2,3'-Dichlorobiphenyl (6)	pg/L	2.12	1.12	4.36	
2,4-Dichlorobiphenyl (7)	pg/L	1.92	1.02	3.96	
2,4'-Dichlorobiphenyl (8)	pg/L	1.9	1.01	3.91	
2,5-Dichlorobiphenyl (9)	pg/L	2.47	1.33	5.13	
2,6-Dichlorobiphenyl (10)	pg/L	2.45	1.72	5.89	
3,3'-Dichlorobiphenyl (11)	pg/L	5.77	11.2	28.3	
3,4-Dichlorobiphenyl (12)	pg/L	2.22	1.23	4.67	
3,5-Dichlorobiphenyl (14)	pg/L	2.34	1.26	4.86	
4,4'-Dichlorobiphenyl (15)	pg/L	2.3	1.14	4.58	
2,2',3-Trichlorobiphenyl (16)	pg/L	1.01	0.339	1.69	
2,2',4-Trichlorobiphenyl (17)	pg/L	1.01	0.316	1.64	
2,2',5-Trichlorobiphenyl (18)	pg/L	0.84	0.263	1.37	
2,2',6-Trichlorobiphenyl (19)	pg/L	1.25	0.588	2.42	
2,3,3'-Trichlorobiphenyl (20)	pg/L	0.701	0.226	1.15	
2,3,4-Trichlorobiphenyl (21)	pg/L	0.727	0.24	1.21	
2,3,4'-Trichlorobiphenyl (22)	pg/L	0.694	0.221	1.14	
2,3,5-Trichlorobiphenyl (23)	pg/L	0.675	0.209	1.09	
2,3,6-Trichlorobiphenyl (24)	pg/L	0.683	0.211	1.1	
2,3',4-Trichlorobiphenyl (25)	pg/L	0.623	0.2	1.02	
2,3',5-Trichlorobiphenyl (26)	pg/L	0.74	0.231	1.2	
2,3',6-Trichlorobiphenyl (27)	pg/L	0.783	0.247	1.28	
2,4',5-Trichlorobiphenyl (31)	pg/L	0.722	0.232	1.19	
2,4',6-Trichlorobiphenyl (32)	pg/L	0.702	0.227	1.16	
2',3,5-Trichlorobiphenyl (34)	pg/L	0.815	0.254	1.32	
3,3',4-Trichlorobiphenyl (35)	pg/L	0.934	0.317	1.57	
3,3',5-Trichlorobiphenyl (36)	pg/L	0.8	0.284	1.37	
3,4,4'-Trichlorobiphenyl (37)	pg/L	0.881	0.225	1.33	
3,4,5-Trichlorobiphenyl (38)	pg/L	0.891	0.282	1.46	
3,4',5-Trichlorobiphenyl (39)	pg/L	0.741	0.236	1.21	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	1.27	0.391	2.05	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	1.84	0.717	3.27	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	1.44	0.436	2.31	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	1.79	0.519	2.83	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	1.32	0.431	2.18	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	0.777	0.208	1.19	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	0.81	0.21	1.23	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	1.3	0.436	2.18	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	1.24	0.411	2.06	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	0.726	0.193	1.11	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	1.52	0.526	2.57	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	0.595	0.173	0.942	

Blank Population Summary

Method 1668C HRMS Aqueous Analysis for 01-SEP-21 to 30-SEP-21

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	1.01	0.271	1.55	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	1.11	0.301	1.71	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	1.06	0.288	1.63	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	0.944	0.265	1.47	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	1.07	0.364	1.8	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	0.983	0.273	1.53	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	0.997	0.277	1.55	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	1.04	0.289	1.62	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	1.02	0.332	1.68	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	1.05	0.299	1.64	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	0.909	0.254	1.42	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	0.861	0.241	1.34	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	1.03	0.288	1.6	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	1.02	0.368	1.75	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	1.1	0.267	1.63	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	1.24	0.349	1.94	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	1	0.285	1.57	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	0.915	0.258	1.43	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	1.02	0.255	1.53	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	1.7	0.61	2.92	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	1.8	0.662	3.12	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	1.45	0.515	2.48	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	1.12	0.411	1.94	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	1.16	0.419	2	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	1.37	0.498	2.37	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	1.7	0.606	2.91	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	1.2	0.435	2.07	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	1.61	0.575	2.76	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	1.24	0.455	2.15	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.3	0.466	2.23	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	1.58	0.562	2.7	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.755	0.299	1.35	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	1.35	0.481	2.31	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	1.09	0.413	1.92	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	1.4	0.512	2.42	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	0.622	0.269	1.16	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	1.24	0.466	2.17	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	1.33	0.469	2.27	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	0.977	0.377	1.73	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.15	0.433	2.02	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	1.06	0.381	1.82	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	0.937	0.342	1.62	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	1.03	0.368	1.77	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	1.18	0.433	2.05	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	1.13	0.422	1.97	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	1.12	0.417	1.96	

Blank Population Summary

Method 1668C HRMS Aqueous Analysis for 01-SEP-21 to 30-SEP-21

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	0.929	0.339	1.61	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	1.57	0.583	2.73	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	1.12	0.419	1.96	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	1.44	0.548	2.53	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.29	0.489	2.26	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	1.2	0.488	2.17	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	1.29	0.53	2.35	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	1.59	0.63	2.84	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	1.49	0.6	2.68	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	1.37	0.548	2.46	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	1.57	0.626	2.82	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	1.53	0.624	2.78	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	0.826	0.244	1.31	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	0.663	0.2	1.06	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	1.22	0.52	2.26	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	1.25	0.511	2.27	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	1.39	0.526	2.44	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	1.7	0.656	3.01	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	1.67	0.625	2.92	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	0.886	0.26	1.41	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	0.576	0.172	0.92	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	1.2	0.516	2.23	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	1.26	0.497	2.25	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	0.849	0.245	1.34	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	0.563	0.162	0.888	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	0.658	0.198	1.05	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	1.07	0.442	1.95	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	0.697	0.2	1.1	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	0.517	0.153	0.823	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	1.06	0.309	1.68	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	0.967	0.386	1.74	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	0.816	0.244	1.3	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	1.08	0.402	1.88	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	1.15	0.434	2.02	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	0.74	0.214	1.17	
2,3,3',4',5,6-Hexachlorobiphenyl (164)	pg/L	1.09	0.413	1.92	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	1.04	0.425	1.89	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	0.771	0.225	1.22	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	0.932	0.263	1.46	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	1.09	0.402	1.9	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	1.09	0.412	1.91	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	1.1	0.412	1.92	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	1.03	0.362	1.75	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	0.778	0.263	1.3	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	0.607	0.2	1.01	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	1.08	0.422	1.92	

Blank Population Summary

Method 1668C HRMS Aqueous Analysis for 01-SEP-21 to 30-SEP-21

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	0.841	0.276	1.39	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	0.592	0.199	0.989	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	0.85	0.32	1.49	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	0.915	0.368	1.65	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	0.746	0.234	1.21	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	0.95	0.37	1.69	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	0.514	0.168	0.849	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	0.554	0.182	0.917	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	0.662	0.223	1.11	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	0.554	0.168	0.891	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	0.79	0.268	1.33	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	0.833	0.315	1.46	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	0.806	0.303	1.41	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	0.793	0.302	1.4	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	0.813	0.311	1.43	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	0.86	0.333	1.53	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	0.812	0.313	1.44	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	0.595	0.235	1.06	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	0.818	0.314	1.45	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	0.592	0.229	1.05	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	0.627	0.242	1.11	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	0.713	0.263	1.24	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	0.603	0.24	1.08	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	0.654	0.268	1.19	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	1.2	0.564	2.33	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	0.917	0.416	1.75	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	0.903	0.399	1.7	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	0.858	0.545	1.95	

Method 1668C HRMS Aqueous Analysis for 01-OCT-21 to 31-OCT-21

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	1.24	1.09	3.43	
3-Chlorobiphenyl (2)	pg/L	1.43	1.08	3.59	
4-Chlorobiphenyl (3)	pg/L	1.3	0.933	3.17	
2,2'-Dichlorobiphenyl (4)	pg/L	5.58	2.82	11.2	
2,3-Dichlorobiphenyl (5)	pg/L	3.54	2.26	8.07	
2,3'-Dichlorobiphenyl (6)	pg/L	3.31	2.08	7.47	
2,4-Dichlorobiphenyl (7)	pg/L	3.01	1.9	6.81	
2,4'-Dichlorobiphenyl (8)	pg/L	2.98	1.89	6.75	
2,5-Dichlorobiphenyl (9)	pg/L	3.85	2.42	8.69	
2,6-Dichlorobiphenyl (10)	pg/L	3.5	1.91	7.31	
3,3'-Dichlorobiphenyl (11)	pg/L	9.21	12.5	34.1	
3,4-Dichlorobiphenyl (12)	pg/L	3.42	2.08	7.57	
3,5-Dichlorobiphenyl (14)	pg/L	3.62	2.21	8.04	
4,4'-Dichlorobiphenyl (15)	pg/L	3.66	2.3	8.26	

Blank Population Summary

Method 1668C HRMS Aqueous Analysis for 01-OCT-21 to 31-OCT-21

Analyte	Units	Average	Stdev	MBCV	*
2,2',3-Trichlorobiphenyl (16)	pg/L	1.26	0.421	2.1	
2,2',4-Trichlorobiphenyl (17)	pg/L	1.25	0.397	2.04	
2,2',5-Trichlorobiphenyl (18)	pg/L	1.04	0.327	1.69	
2,2',6-Trichlorobiphenyl (19)	pg/L	1.46	0.539	2.54	
2,3,3'-Trichlorobiphenyl (20)	pg/L	0.862	0.276	1.41	
2,3,4-Trichlorobiphenyl (21)	pg/L	0.898	0.29	1.48	
2,3,4'-Trichlorobiphenyl (22)	pg/L	0.851	0.27	1.39	
2,3,5-Trichlorobiphenyl (23)	pg/L	0.836	0.263	1.36	
2,3,6-Trichlorobiphenyl (24)	pg/L	0.844	0.262	1.37	
2,3',4-Trichlorobiphenyl (25)	pg/L	0.77	0.251	1.27	
2,3',5-Trichlorobiphenyl (26)	pg/L	0.908	0.286	1.48	
2,3',6-Trichlorobiphenyl (27)	pg/L	0.967	0.312	1.59	
2,4,5-Trichlorobiphenyl (31)	pg/L	0.888	0.286	1.46	
2,4',6-Trichlorobiphenyl (32)	pg/L	0.871	0.283	1.44	
2',3,5-Trichlorobiphenyl (34)	pg/L	0.994	0.315	1.62	
3,3',4-Trichlorobiphenyl (35)	pg/L	1.11	0.306	1.72	
3,3',5-Trichlorobiphenyl (36)	pg/L	0.962	0.28	1.52	
3,4,4'-Trichlorobiphenyl (37)	pg/L	1.08	0.315	1.71	
3,4,5-Trichlorobiphenyl (38)	pg/L	1.08	0.303	1.68	
3,4',5-Trichlorobiphenyl (39)	pg/L	0.885	0.243	1.37	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	1.38	0.434	2.25	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	1.98	0.742	3.47	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	1.57	0.49	2.55	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	1.99	0.617	3.22	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	1.44	0.464	2.36	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	0.919	0.32	1.56	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	0.952	0.321	1.59	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	1.43	0.472	2.37	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	1.35	0.442	2.24	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	0.859	0.294	1.45	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	1.66	0.567	2.8	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	0.672	0.204	1.08	
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	1.14	0.261	1.66	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	1.24	0.282	1.81	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	1.2	0.274	1.74	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	1.06	0.241	1.54	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	1.18	0.399	1.98	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	1.1	0.251	1.61	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	1.13	0.256	1.64	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	1.17	0.265	1.7	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	1.1	0.352	1.8	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	1.18	0.273	1.72	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	1.03	0.24	1.51	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	0.975	0.223	1.42	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	1.16	0.266	1.69	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	1.11	0.382	1.87	

Blank Population Summary

Method 1668C HRMS Aqueous Analysis for 01-OCT-21 to 31-OCT-21

Analyte	Units	Average	Stdev	MBCV	*
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	1.24	0.32	1.88	
3,3',4,5'-Tetrachlorobiphenyl (78)	pg/L	1.4	0.33	2.06	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	1.13	0.271	1.67	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	1.03	0.239	1.51	
3,4,4',5'-Tetrachlorobiphenyl (81)	pg/L	1.16	0.293	1.75	
2,2',3,3',4'-Pentachlorobiphenyl (82)	pg/L	1.9	0.595	3.09	
2,2',3,3',5'-Pentachlorobiphenyl (83)	pg/L	1.99	0.635	3.26	
2,2',3,3',6'-Pentachlorobiphenyl (84)	pg/L	1.62	0.495	2.61	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	1.25	0.396	2.04	
2,2',3,4,5'-Pentachlorobiphenyl (86)	pg/L	1.29	0.402	2.1	
2,2',3,4,6'-Pentachlorobiphenyl (88)	pg/L	1.54	0.481	2.5	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	1.9	0.586	3.07	
2,2',3,4',5'-Pentachlorobiphenyl (90)	pg/L	1.34	0.416	2.17	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	1.79	0.554	2.9	
2,2',3,5,6'-Pentachlorobiphenyl (93)	pg/L	1.38	0.435	2.25	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.45	0.444	2.33	
2,2',3,5',6'-Pentachlorobiphenyl (95)	pg/L	1.77	0.546	2.86	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.874	0.338	1.55	
2,2',3',4,6'-Pentachlorobiphenyl (98)	pg/L	1.5	0.463	2.43	
2,2',4,4',5'-Pentachlorobiphenyl (99)	pg/L	1.22	0.389	2	
2,2',4,5',6'-Pentachlorobiphenyl (103)	pg/L	1.56	0.49	2.54	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	0.711	0.276	1.26	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	1.43	0.476	2.38	
2,3,3',4,5'-Pentachlorobiphenyl (106)	pg/L	1.55	0.504	2.56	
2,3,3',4',5'-Pentachlorobiphenyl (107)	pg/L	1.11	0.357	1.83	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.32	0.422	2.16	
2,3,3',4',6'-Pentachlorobiphenyl (110)	pg/L	1.18	0.37	1.92	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	1.04	0.323	1.68	
2,3,3',5,6'-Pentachlorobiphenyl (112)	pg/L	1.15	0.363	1.88	
2,3,4,4',5'-Pentachlorobiphenyl (114)	pg/L	1.37	0.45	2.27	
2,3',4,4',5'-Pentachlorobiphenyl (118)	pg/L	1.31	0.436	2.18	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	1.24	0.394	2.03	
2,3',4,5',6'-Pentachlorobiphenyl (121)	pg/L	1.03	0.32	1.67	
2',3,3',4,5'-Pentachlorobiphenyl (122)	pg/L	1.81	0.588	2.99	
2',3,4,4',5'-Pentachlorobiphenyl (123)	pg/L	1.3	0.433	2.17	
3,3',4,4',5'-Pentachlorobiphenyl (126)	pg/L	1.62	0.543	2.71	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.48	0.489	2.46	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	1.33	0.524	2.38	
2,2',3,3',4,5'-Hexachlorobiphenyl (129)	pg/L	1.43	0.563	2.56	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	1.76	0.68	3.12	
2,2',3,3',4,6'-Hexachlorobiphenyl (131)	pg/L	1.64	0.628	2.9	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	1.51	0.583	2.68	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	1.74	0.67	3.08	
2,2',3,3',5,6'-Hexachlorobiphenyl (134)	pg/L	1.72	0.65	3.02	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	0.904	0.322	1.55	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	0.727	0.254	1.24	

Blank Population Summary

Method 1668C HRMS Aqueous Analysis for 01-OCT-21 to 31-OCT-21

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	1.34	0.53	2.4	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	1.38	0.536	2.45	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	1.55	0.578	2.71	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	1.89	0.713	3.31	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	1.88	0.686	3.25	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	0.965	0.345	1.65	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	0.63	0.219	1.07	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	1.31	0.529	2.37	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	1.42	0.53	2.48	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	0.923	0.317	1.56	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	0.615	0.206	1.03	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	0.721	0.252	1.22	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	1.18	0.465	2.1	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	0.76	0.265	1.29	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	0.553	0.172	0.897	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	1.16	0.342	1.84	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	1.07	0.414	1.9	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	0.877	0.242	1.36	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	1.2	0.44	2.08	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	1.27	0.473	2.22	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	0.795	0.212	1.22	
2,3,3',4',5,6-Hexachlorobiphenyl (164)	pg/L	1.22	0.462	2.14	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	1.15	0.446	2.05	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	0.829	0.242	1.31	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	1.01	0.311	1.63	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	1.3	0.441	2.19	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	1.31	0.434	2.17	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	1.31	0.442	2.2	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	1.23	0.389	2	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	0.946	0.343	1.63	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	0.737	0.264	1.26	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	1.29	0.436	2.17	
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	1.02	0.361	1.74	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	0.722	0.259	1.24	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	1.02	0.349	1.72	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	1.1	0.378	1.85	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	0.9	0.31	1.52	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	1.13	0.377	1.88	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	0.625	0.221	1.07	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	0.674	0.239	1.15	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	0.803	0.289	1.38	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	0.666	0.228	1.12	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	0.982	0.371	1.72	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	0.993	0.341	1.68	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	0.965	0.33	1.62	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	0.953	0.325	1.6	

Blank Population Summary

Method 1668C HRMS Aqueous Analysis for 01-OCT-21 to 31-OCT-21

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	0.969	0.381	1.73	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	1.03	0.413	1.86	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	0.979	0.409	1.8	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	0.723	0.306	1.33	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	0.988	0.413	1.81	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	0.72	0.305	1.33	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	0.753	0.3	1.35	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	0.856	0.349	1.55	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	0.733	0.314	1.36	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	0.774	0.321	1.42	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	1.47	0.552	2.58	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	1.14	0.43	2	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	1.12	0.411	1.94	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	0.896	0.438	1.77	

* = *PQL adjusted to the MBCV.*