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Refer To: N3B-20-0033

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

Subject: NPDES Permit No. NM0030759 – Storm Water Individual Permit Annual Report, Reporting Period: January 1–December 31, 2019

Dear Mr. Herrera:

Enclosed please find one hard copy with electronic files of the 2019 Storm Water Individual Permit Annual Report (Annual Report), which contains the Storm Water Individual Permit Compliance Status Reports (IP-CSRs) for 2019. This report is being submitted in accordance with the requirements of the U.S. Environmental Protection Agency's (EPA's) National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (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 2019 Annual Report presents activities and milestones accomplished from January 1 to December 31, 2019. The combined Annual Report and IP-CSRs address the requirements in Section H.I and H.2 of the Permit.

The 2019 Annual Report can be accessed at https://ext.em-la.doe.gov/IPS/Home.

If you have any questions, please contact Emily Day at (505) 695-4243 (emily.day@em-la.doe.gov) or David Nickless at (505) 257-7933 (david.nickless@em.doe.gov).

Sincerely,

Elizabeth Lowes
Program Manager
Environment, Safety and Health
N3B-Los Alamos

Sincerely,

David Nickless, Acting Director
Office of Quality and Regulatory Compliance
Environmental Management
Los Alamos Field Office

Enclosure: One hard copy with electronic files –

1. Storm Water Individual Permit Annual Report Reporting Period: January 1–December 31, 2019 (EM2020-0001)

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

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February 2020
EM2020-0001

Storm Water Individual Permit Annual Report

Reporting Period:
January 1–December 31, 2019

NPDES Permit No. NM0030759

N3B Los Alamos

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, 2019–December 31, 2019

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."

Elizabeth Lowes — 2-6-2020

Elizabeth Lowes, Program Manager
Environment, Safety and Health
Newport News Nuclear BWXT-Los Alamos, LLC

Date

David Nickless — 2-18-20

David Nickless, Acting Director
Office of Quality and Regulatory Compliance
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.

This annual report presents compliance status and activities and milestones accomplished during the period from January 1 to December 31, 2019. Highlights of work performed during the 2019 annual reporting period include the following.

Baseline activities:

- Installed a total of 18 additional control measures at 13 site monitoring areas (SMAs)
- Collected baseline confirmation monitoring samples at 13 SMAs
- Conducted baseline confirmation monitoring at 79 SMAs

Corrective action activities:

- Installed a total of 28 additional control measures at 18 SMAs
- Collected corrective action enhanced control confirmation monitoring samples at 4 SMAs
- Conducted enhanced control confirmation monitoring at 53 SMAs

Inspection activities:

- Performed a total of 1094 Permit-required inspections (annual inspections, target action level [TAL]) exceedance inspections, remediation construction inspections, and significant event inspections)
- Performed a total of 1152 sampling equipment inspections
- Continued testing and piloting the use of radio telemetry equipment in conjunction with automated samplers to aid in prioritizing sample collection and to improve program effectiveness

Compliance activities:

- Updated website
- Notified public of Permit-required documents at the Electronic Public Reading Room
- Held two public meetings
- Submitted 2018 update to the “Site Discharge Pollution Prevention Plan, Revision 1”
- Submitted “Storm Water Individual Permit Annual Report Reporting Period: January 1–December 31, 2018”
- Held five workshops with the New Mexico Environment Department, the U.S. Environmental Protection Agency, and stakeholders regarding the Individual Permit reapplication
- Submitted Individual Permit reapplication

- Submitted alternative compliance requests for 14 Site/SMA combinations
- Submitted analytical results following certification of enhanced controls at 7 Site/SMA combinations
- Submitted certification of corrective action complete with analytical results below TAL at 3 Site/SMA combinations
- Submitted certification of completion of corrective action following certificate of completion from the New Mexico Environment Department at 16 Site/SMA combinations

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Appendix A Acronyms and Abbreviations, Glossary, and Metric Conversion Table

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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 mi^2. 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. Many of the Sites covered by the Individual Permit are remotely located and are not associated with current industrial activities.

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. 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 No. NMR05GB21 and NPDES Permit No. NM0028355; activities associated with the NPDES Construction General Permit No. NMR100000; the Hazardous Waste facility Permit No. NMG87B097; or Multi-Sector General Permit Nos. 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 B 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), 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 result 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.

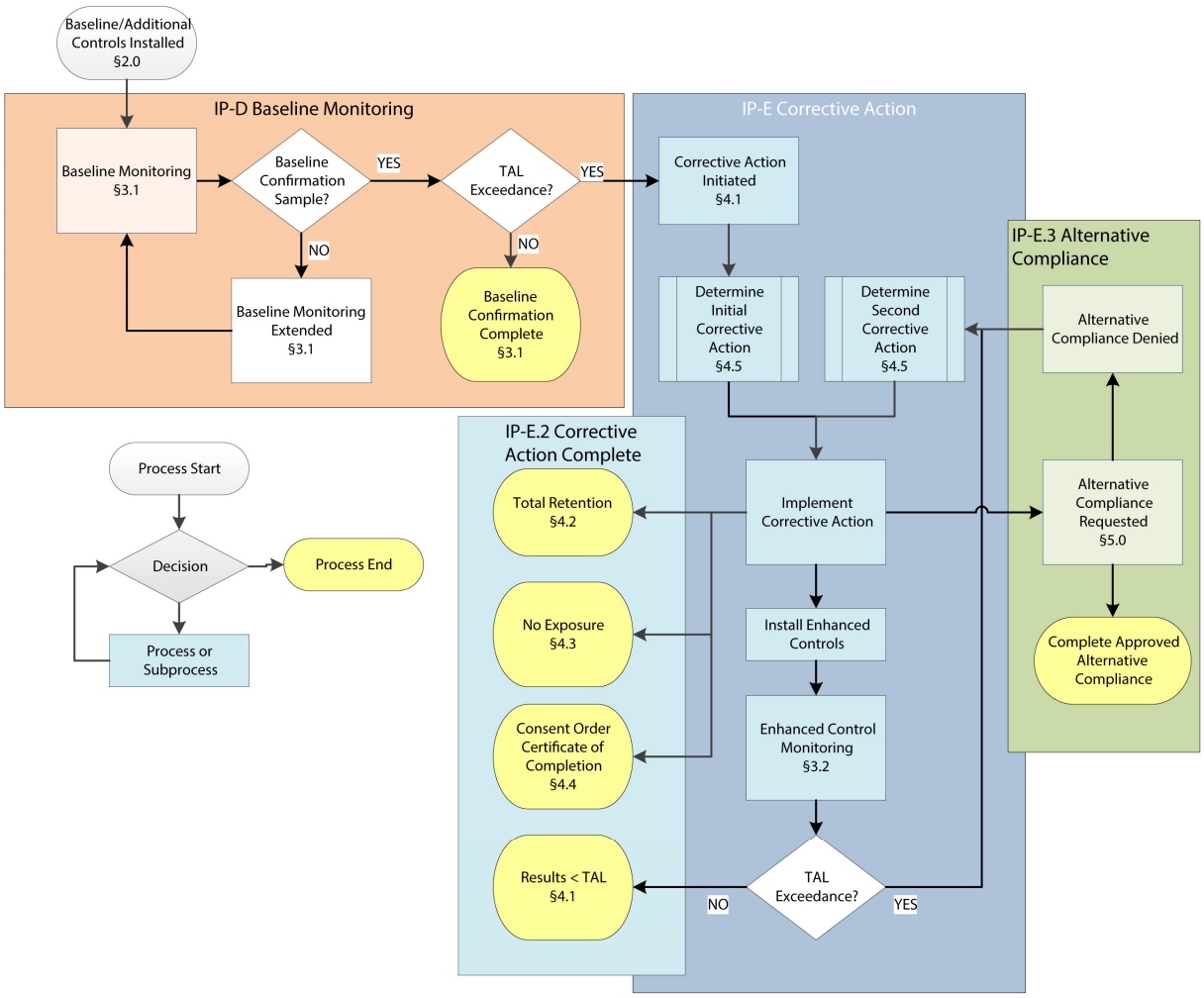

Figure 1-1 Permit compliance roadmap

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 250 permitted features (i.e., outfall numbers) and SMAs as provided in Appendix D of the Permit. Eleven administrative changes have occurred since the initiation of the Permit. These administrative changes have split Site 32-002(b), within LA-SMA-5.361, into two Sites, 32-002(b1) and 32-002(b2); split Site 01-001(d), within LA-SMA-5.01, into three Sites, 01-001(d1), 01-001(d2), and 01-001(d3); split Site 01-006(h), within LA-SMA-5.01, into three Sites, 01-006(h1), 01-006(h2), and 01-006(h3); and split Site 01-003(b), within LA-SMA-4.1, 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, and 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. The watershed boundaries of the SMAs associated with these Sites were not affected by these administrative changes. The current monitoring locations representatively capture runoff from Sites added for monitoring. 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. These administrative Site changes 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 installed and operating on December 31, 2019, at each SMA. In addition to BCMs, the Appendix C list includes additional controls and enhanced controls that have been installed. The general types and intended purposes of BCMs include the following:

- EC and 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.
- RON and 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 2019

The Permittees continued a field effort during 2019 to supplement certified BMPs with additional control measures at some SMAs. These additional control measures consisted 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 is no longer relevant.

As summarized in Table 2-1, additional control measures and replaced baseline control measures installed during 2019 include 27 additional and/or replacement controls at 19 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, during any period in which two confirmation samples are required, only one confirmation sample could be collected, compliance with TALs is determined by the single confirmation sample result. If no confirmation sample could be collected during the applicable monitoring period, then 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 an actual discharge from the Site or Sites and that produces sufficient volume to perform the required analyses. Snowmelt samples cannot be used for purposes of confirmation monitoring. Grab samples must be collected within the first 30 minutes of (or as soon after as practical, but beginning no later than 1 hour after) a measurable storm event.

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 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 during a flood from flood plain 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 (i.e., holding time was exceeded, incorrect analytical method was used, 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 the 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 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 IP requires monitoring and reporting for 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 by-product 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 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 135 SMAs as required to fulfill Permit requirements:

- at 79 SMAs in the baseline confirmation monitoring permit phase in May 2019,
- at 53 SMAs in the enhanced control confirmation monitoring phase in May and June 2019, and
- at 3 SMAs where monitoring was required per Part I.E.1(b) of the Permit after certification of no exposure in April 2016.

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, 2019, baseline confirmation monitoring was continuing at 79 SMAs (Table 3-1). During 2019, 13 baseline confirmation monitoring samples were collected from measurable storm events at SMAs. The requirement to collect baseline confirmation monitoring samples was fulfilled at DP-SMA-0.6, LA-SMA-5.2, LA-SMA-5.361, LA-SMA-6.3, M-SMA-12.5, M-SMA-12.8, P-SMA-2.2, R-SMA-2.5, S-SMA-5.2, T-SMA-2.5, T-SMA-7.1, and W-SMA-6. Table 3-1 counts these 12 records using the MEx [extended baseline monitoring per Part I.E.5(e)] identifier. A sample collected at W-SMA-7.8 on July 15, 2019, yielded no TAL exceedances. Per Part I.D.4(a) of the Permit, a minimum of two confirmation samples with all results below TAL are required for completion of confirmation monitoring. W-SMA-7.8 will remain in baseline monitoring until a second sample is collected. As of December 31, 2019, baseline confirmation monitoring was continuing at 67 SMAs (Table 3-1).

Storm water samples collected at W-SMA-6 on July 7, 2019, were not analyzed for total metals. Monitoring at W-SMA-6 was reactivated and samples collected on October 4, 2019, were analyzed for total metals.

Following collection of extended baseline samples in 2018, corrective action was initiated in January 2019 at six SMAs: 3M-SMA-0.2, A-SMA-1.1, A-SMA-4, CDV-SMA-9.05, CHQ-SMA-4, and CHQ-SMA-7.1.

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, 2019, 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 2019, enhanced control confirmation monitoring was not initiated at any new SMAs with the certification of enhanced controls. The ongoing requirement to collect enhanced control confirmation monitoring samples was fulfilled at 4 SMAs: A-SMA-2, DP-SMA-3, PJ-SMA-11, and PT-SMA-2, ending enhanced control monitoring at these locations. Table 3-1 counts these 4 records using the CAM [corrective action monitoring per Part 1.E.1(a)] identifier. Following collection of a confirmation monitoring sample in 2018, corrective action was initiated in January 2019 at 3 SMAs: CDV-SMA-7, CHQ-SMA-1.02, and CHQ-SMA-2. Table 3-1 counts these records using the CACompC-Inv [collect 1 sample per IP Part I.E.1(b)] identifier. As of December 31, 2019, enhanced control confirmation monitoring is continuing at 49 SMAs and no exposure confirmation monitoring is continuing at 3 SMAs (Table 3-1).

3.3 Confirmation Monitoring Analytical Data

The 2019 confirmation monitoring analytical results for metals, general inorganics, radioactivity, total PCBs, and other detected organics are presented in separate tables in Appendix B. Analytical data are qualitatively discussed in the SDPPP. Additionally, a summary of the confirmation monitoring results, including TAL exceedances, is presented in the CSRs in Appendix C.

Confirmation monitoring samples collected during 2019 are summarized in Table 3-2, which presents TAL exceedances that occurred in 2019. The full suite of analytical data collected in 2019 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 2019

- TAL exceedances occurred at 16 SMAs.
- MTAL exceedances include aluminum, copper, mercury, and zinc.
- ATAL exceedances include arsenic, gross alpha, mercury, radium-226 and radium-228, selenium, and total PCBs.

The validated analytical monitoring results for 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 2019. 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.

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 myIntellus, 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 years 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 years 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 Additional Sampling Requirements in Part I.E.5 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 1 Site may be contained within multiple SMAs, multiple compliance statuses may exist for 1 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, 2019, 67 SMAs were in the baseline Permit phase and 183 SMAs were in the corrective action Permit phase. As Table 4-2 shows, 2 compliance status categories can be used to describe the state of baseline monitoring

at 67 SMAs, and 10 compliance status categories can be used to describe the state of corrective action at 183 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 2019 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 the 463 SMA/Site combinations; note some SMA/Site combinations have dual paths.

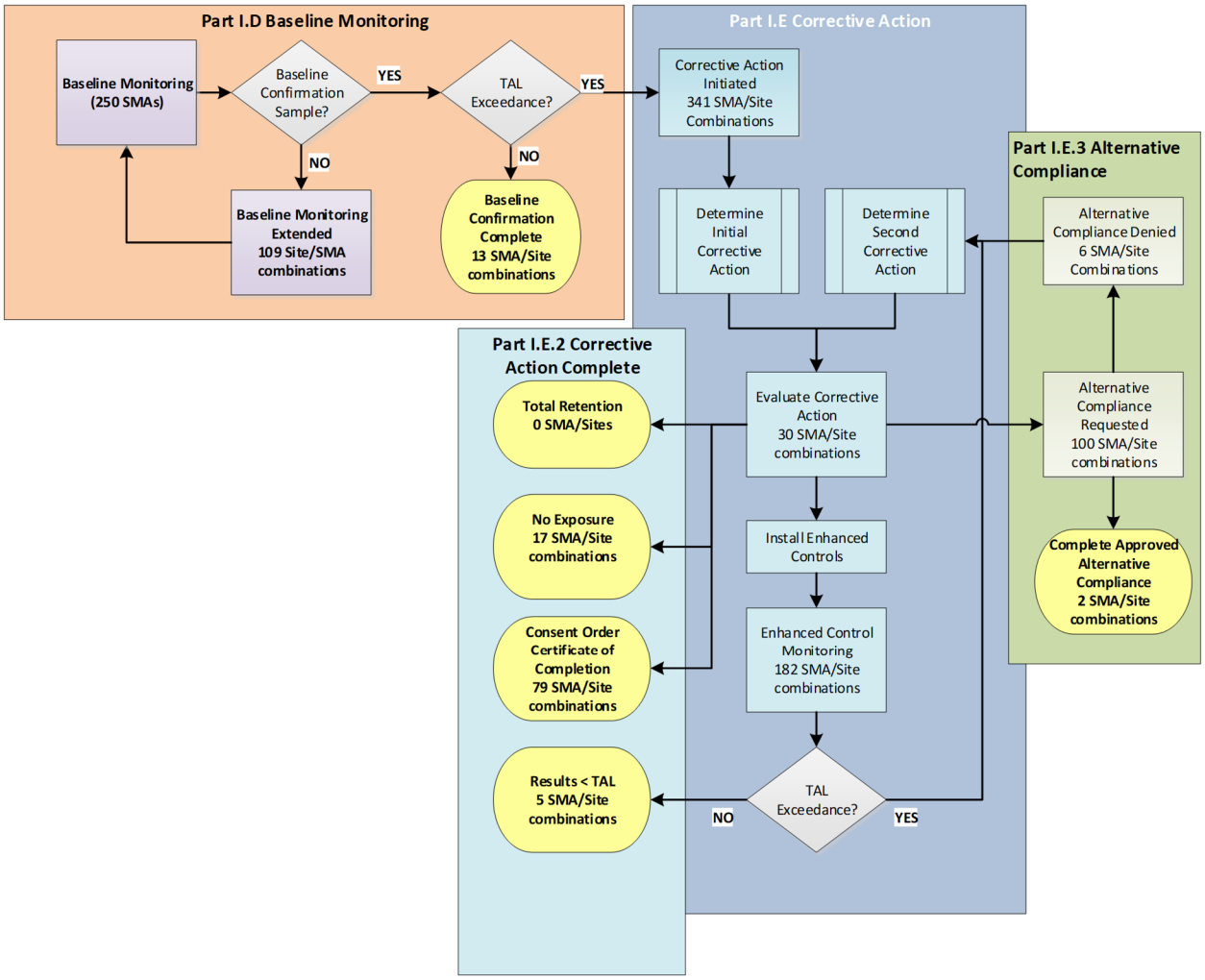

Figure 4-1 Permit compliance status as of December 31, 2019

4.1.1 Baseline Monitoring Extended

As of December 31, 2019, 67 SMAs, consisting of 109 SMA/Site combinations, remained in the baseline monitoring extended Permit phase. During 2019 baseline monitoring was completed at 12 SMAs, consisting of 18 SMA/Site combinations. The 109 corresponding records are coded with the compliance status MEx in Table 4-3.

4.1.2 Baseline Confirmation Complete

As of December 31, 2019, baseline confirmation is complete at 10 SMAs: 2M-SMA-2.5, A-SMA-3.5, ACID-SMA-1.05, CDV-SMA-1.2, CDV-SMA-2.5, M-SMA-13, PJ-SMA-14.8, PJ-SMA-16, R-SMA-2.3, and W-SMA-9.05. 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 13 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, 2019, corrective action is being planned following receipt of analytical results exceeding a TAL at 30 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 S7 in Table 4-3, that Site is being evaluated for alternative analysis. If a Site is coded with the compliance status of CAI in Table 4-3, corrective action has been initiated at that Site.

At one SMA, 2M-SMA-3, consisting of four SMA/Site combinations, 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. Three of the Sites in this SMA are therefore eligible for completion of corrective action. Each of the three corresponding records is coded with the compliance status CACompA [corrective action is complete per Part I.E.2(a)] in Table 4-3.

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

4.1.4 Enhanced Control Monitoring

Enhanced controls at 182 SMA/Site combinations have been installed and less than 2 samples have been collected. Enhanced control monitoring will continue at each SMA until a minimum of 2 confirmation monitoring samples have been collected. Runoff from Site 07-001(c) in 2M-SMA-3 was not contained in the sample collected on September 12, 2017. Enhanced control confirmation monitoring at 07-001(c) in 2M-SMA-3 will continue at a sampling location determined to be more representative of the Site. In Table 4-3, the 182 corresponding SMA/Site combinations are coded with the compliance status CAM or CAM2, and in the Enhanced Control Monitoring Completion column, they are designated as In Process.

4.1.5 Corrective Action Complete

As of January 1, 2019, corrective action was completed at 101 SMA/Site combinations. During 2019 corrective action was completed at an additional 19 SMA/Site combinations. 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 Table 4-2; an investigative sample is still required at those Sites before corrective action can be completed.
- A total of 79 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) though (d) of the Permit, Part I.E.3 allows the Permittees to file a written request for alternative compliance with EPA at least 6 mo. before the applicable deadlines to complete corrective action. The 100 SMA/Site combinations where alternative compliance has been requested are coded with the compliance status AltCompR (alternative compliance requested per Part 1.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 2019.

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 9 SMA/Site combinations coded with the compliance status FMCOC (force majeure certification of completion) in Table 4-3. The Permittees made no requests to extend deadlines to complete corrective action during 2019. No responses to pending force majeure requests were received from EPA during 2019.

4.1.8 Site Deletion Requested

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 Individual 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 2019.

A request to remove four Sites, 16-010(b), 16-010(c), 16-010(d), and 16-018, from the Individual 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 2019.

Another request to remove two Sites, 03-045(b) and 03-045(c) in S-SMA-2, from the Individual 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 2019.

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 from the time the Permittees become aware of the exceedance. In 2019, EPA Region 6 and NMED-SWQB were notified within 24-hr of receipt of results of each MTAL exceedance listed in Table 3-2 via email.

- The MTAL exceedance notification for copper at PJ-SMA-11 was received on August 05, 2019.
- The MTAL exceedance notification for copper at A-SMA-2 was received on August 28, 2019.
- The MTAL exceedance notification for aluminum at LA-SMA-6.3 was received on August 28, 2019.
- The MTAL exceedance notification for copper at PT-SMA-2 was received on August 28, 2019.
- The MTAL exceedance notification for copper at T-SMA-7.1 was received on August 28, 2019.
- The MTAL exceedance notification for aluminum at M-SMA-12.8 was received on September 03, 2019.
- The MTAL exceedance notifications for copper, mercury, and zinc at P-SMA-2.2 was received on September 03, 2019.
- The MTAL exceedance notification for zinc at LA-SMA-5.2 was received on September 04, 2019.
- The MTAL exceedance notification for aluminum at R-SMA-2.5 was received on September 17, 2019.
- The MTAL exceedance notification for copper at A-SMA-2 was received on November 13, 2019.

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 A-SMA-2 were submitted to EPA on September 26, 2019 (N3B 2019, 700589).
- The first sampling results from samples collected at DP-SMA-3 were submitted to EPA on September 26, 2019 (LANL 2019, 700589).
- The first sampling results from samples collected at PT-SMA-2 were submitted to EPA on September 26, 2019 (LANL 2019, 700589).

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 available at https://ext.em-la.doe.gov/IPS/.

In 2019, the following documents were added to the Individual Permit web page on the N3B's public website.

- Five 2018 updates to the 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).
- Previous years' annual reports, compliance status reports, and 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).
- Reports related to the Individual Permit including force majeure requests and notifications and general interest and background information (https://ext.em-la.doe.gov/IPS/Home/MiscellaneousEPASubmittals).
- Documents supporting the Individual Permit storm water 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 has been established and 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 mo. Public meetings are advertised through the email notification process and in local newspapers. In 2019, public meetings were held on September 24 and December 17. The agenda and presentation notes for meetings held in 2019 are currently 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 NPDES Individual Permit. The revision includes soil characterization and storm water sample results from 2014 through 2018 not available in the original application. The Permittees have also completed a data quality objective 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 include regulator, stakeholder, and EPA involvement (N3B 2019, 700507). N3B is currently executing requirements under an administratively continued Permit.

The Permit expired March 31, 2014. The existing permit has been administratively continued 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. EPA will host a public meeting to discuss the draft permit issued in November 2019. The Permittees will provide comments on the draft permit during the public comment period. As of December 31, 2019, NMED has not submitted the state certification of the Individual Permit (NM0030759).

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: (1) confirmation monitoring results below TALs following installation of enhanced control measures, (2) total retention of storm water discharges from the Site, (3) total elimination of exposure of pollutants to storm water at the Site, or (4) 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 year 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 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. Completion of corrective action is pending at 20 SMA/high priority Site combinations where enhanced controls have been installed and confirmation monitoring is continuing to collect 2 samples to complete corrective action. Corrective action has been initiated at 1 SMA/high-priority Site combination where a baseline sample was collected in 2019.

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

To date, corrective action has been completed through the following three methods: (1) confirmation monitoring results below TALs following installation of enhanced control measures at 5 SMA/Site combinations, (2) certification of no exposure at 17 SMA/Site combinations, and (3) certificates of completion under NMED's Consent Order at 79 SMA/Site combinations. In total, corrective action has been completed at 101 SMA/Site combinations.

Additionally, the Permittees have initiated but not completed corrective action through the following methods: (1) certification of enhanced controls and subsequent monitoring, (2) submittal of a force majeure extension request pending receipt of a certificate of completion under NMED's Consent Order, and (3) submittal of an alternative compliance request. Note that in any case where corrective action has been completed and monitoring has ceased, if new evidence of contaminated runoff is identified, corrective action and monitoring will be reinitiated 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 (additional, expanded, or better-tailored) control measures reasonably 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 2019, enhanced controls installation was completed at STRM-SMA-4.2; certification of enhanced controls was submitted to EPA on January 14, 2020 (N3B 2020, 700732). A summary of the controls installed and certified at STRM-SMA-4.2 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 are below TALs after installation of enhanced control measures, then corrective action may be completed per Part I.E.2(a) of the Permit. As of December 31, 2019, corrective action had been completed using this permitted pathway at three SMAs 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 determining a specific storm water volume 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 criteria for storm event total precipitation or intensity to be used 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.H.2(g) of the Permit requires that the annual report identify sites which meet No Exposure status.

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, 2019, 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 other SMAs/Sites during 2019.

Part I.E.1(b) of the Permit requires that once the installation of 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 December 31, 2019 a sample had been collected at eight SMAs and the results made available on the public website per Part I.E.1(b) of the Permit. During 2019 no additional samples were collected. Monitoring to collect a sample per Part I.E.1(b) has been completed at eight SMAs (nine SMA/Site combinations) and is ongoing at four SMAs (eight SMA/Site combinations), as shown in Table 4-3.

5.4 Certificate of Completion under NMED's Consent Order

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.

Part I.E.2(d) of the Permit specifies a fourth option for completing corrective action through demonstration that the 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. Once a certificate of completion under the Consent order has been received, the Permittees may certify completion of corrective action to EPA at Sites in the corrective action Permit phase. Sites in the baseline monitoring Permit phase having received a certificate of completion may be certified corrective action complete under the Permit when they enter corrective action. 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.

As of December 31, 2019, 106 SMA/Site combinations had been issued certificates of completion under the Consent Order. During 2019, 7 SMA/Site combinations were issued certificates of completion under the Consent Order. During 2019,17 SMA/Site combinations were 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 106 SMA/Site combinations with certificates of completion under NMED's Consent Order follows:

- At 79 SMA/Site combinations, corrective action is complete under Part I.E.2(d) of the Permit through certification of 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 21 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 1.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.
- Another 4 SMA/Site combinations with certificates of completion under the Consent Order did not have TAL exceedances during baseline monitoring and are baseline confirmation complete (BCComp) but are 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 BCComp.
- At 2 SMA/Site combinations, 01-006(b) in LA-SMA-4.1, and 21-024(n) in DP-SMA-2.35, 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:

- 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,

the Permittees shall initiate appropriate actions to correct the identified problems within 30 days of becoming aware of the situation. As of December 31, 2019, these conditions have not 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) and is the result of “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 2019. 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 FMCOC.

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.
- 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, 2019, alternative compliance had been requested at 100 SMA/Site combinations. During 2019, alternative compliance was requested at an additional 14 SMA/Site combinations. Table 4-3 presents a cumulative listing of the SMA/Site combinations with outstanding requests for alternative compliance. Responses from EPA are pending at these 114 SMA/Site combinations.

7.0 SUMMARY OF INSPECTIONS

This section summarizes activities undertaken by the Permittees during the 2019 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 for 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 are 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 storm rain 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 2019 season and the numbers 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 2019, 1026 individual post-storm inspections were conducted at SMAs in response to storm rain events. One post-storm inspection at M-SMA-6 was conducted greater than 15 days from the storm rain event because of an administrative error.

During the monsoon season (from July to September), several storm rain events occurred within 15 days from 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 2019 annual erosion evaluation inspections at the 250 SMAs and all their associated Sites. Annual inspections were started in March 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 seven significant event inspections conducted in 2019.

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, 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 the average of all applicable sampling results is greater than the applicable ATAL (or applicable MQL, whichever is greater), the Permittees shall conduct visual inspections for all Sites within the SMA drainage area. Table 7-5 summarizes the 20 visual inspections for TAL exceedances conducted at 17 SMAs during 2019 and the recommendations resulting from the inspections at 11 SMAs.

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 dirt 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 34 remediation construction activity inspections for soil disturbances conducted at 4 SMAs in 2019.

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 April 1, 2019, Permittees began 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 December 3, 2019. During periods when samplers were in place, 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 and preservation and shipment to off-site subcontracted analytical laboratories.

On average, in 2019, the 250 IP SMAs experienced 25 storm events equaling or exceeding 0.1 in. in 24 hr. At the Laboratory's lower elevations, as few as 17 storms exceeded 0.1 in. in 24 hr at the rain gage at RG340, and at higher elevations, 32 storms exceeded 0.1 in. in 24 hr at RG-TA-06. Where monitoring was required, 62 sampler-days with precipitation were not monitored because sampling equipment was inoperable as described in Table 7-7. In 2019, sampling equipment was inspected on 1152 different occasions. Samplers were capable of collecting measurable discharges during 1122 inspections. In the aggregate, the sampling equipment was capable of collecting measurable discharge during 97.4% 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 describes two sampler inspections when insufficient volume of discharge was collected to fulfill all required analyses. The sample collected could not be used for confirmation monitoring per Part 1.D.3 of the Permit. The sampling equipment was operable but incapable of collecting storm water, resulting in the loss of 5 sampler-days (sum of all samplers) of operability for the two SMAs combined. During the time when samplers were inoperable, 1 sampler-day (sum of all samplers) with precipitation events exceeding 0.1 in. in 24 hr occurred.
- Table 7-7 describes 12 sampler inspections at 7 SMAs conducted when the sampling equipment malfunctioned and required repairs, resulting in the loss of as many as 270 sampler-days (sum of all samplers) of operability for 7 SMAs combined. During the time when samplers were inoperable, 37 sampler-days (sum of all samplers) with precipitation events exceeding 0.1 in. in 24 hr occurred.
- Table 7-7 describes 17 sampler inspections at 13 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 145 sampler-days (sum of all samplers) of operability for the 13 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, 24 sampler-days (sum of all samplers) with precipitation events exceeding 0.1 in. in 24 hr occurred.

At SMAs with impermeable landscapes (e.g., roads, buildings) that drain directly to the 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 are inspected for the presence of storm water on a graded precipitation intensity scale ranging from 0.1 to 0.25 in. within 30 min and a graded total accumulation scale ranging from 0.25 to 1.5 in. within 24 hr. In 2019, field crews conducted 1152 post-storm inspections of samplers after precipitation intensity, total accumulation thresholds were exceeded, or for routine equipment operability inspections between rain events.

During 2019, the Permittees continued piloting the use of radio telemetry equipment. Radio telemetry equipment was installed for testing at 120 ISCO samplers during the monitoring season in 2019. The radio telemetry 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.

8.0 SUMMARY OF SDPPP CHANGES

The Permit requires that the SDPPP be updated annually to incorporate fully 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 on May 1, 2012. The 2013 annual update to the SDPPP, Revision 1, was published on May 1, 2014. The 2014 annual update to the SDPPP, Revision 1, was published on May 1, 2015. The 2015 annual update to the SDPPP, Revision 1, was published on May 1, 2016. The 2016 annual update to the SDPPP, Revision 1, was published on May 1, 2017. The 2017 annual update to the SDPPP, Revision 1, was published on May 1, 2018. The 2018 annual update to the SDPPP, Revision 1, was published on May 1, 2019.

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 2019 annual update to the SDPPP, Revision 1, will be published by May 1, 2020. 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 2019, no facility-managed construction activities impacted Site discharges.

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 2019, the Permittees had no control measure deficiencies.

Details of the type and timeliness of maintenance completed during 2019 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 12 compliance status categories in 2019 consisting of 2 compliance status categories in the baseline Permit phase and 10 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, 2019; the Site compliance status will be included in the 2019 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 2019 as allowed by Part I.D.2 of the Permit. The five samplers relocated in 2019 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 2018 to the 2019 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, 2019. These changes will be incorporated into the 2019 update to the SDPPP, Revision 1, to be issued by May 1, 2020.

9.0 IDENTIFICATION OF NONCOMPLIANCE

A noncompliance is identified as a required inspection or activity that was not performed or was not performed within Permit-defined time frames. One instance of noncompliance is being reported affecting one SMA, M-SMA-6. The Individual Permit identifies a requirement for the facility's Pollution Prevention Team to inspect control measures and storm water management devices at any Site affected by a storm rain event, as defined within section 7.1 of the report, within 15 calendar days after such storm rain event. M-SMA-6 is associated with rain gage RG200.5. On July 14, July 25, and July 26, 2019, precipitation was recorded at RG200.5, with 30-min intensities of 0.28, 0.53, and 0.96 in. respectively. An inspection was conducted at M-SMA-6 on August 9, 2019, on day 38 after the first in a series of storm rain events. This inspection delay was due to an administrative error. M-SMA-6 was inspected on July 12, which was two days before the July 14 storm event, and in that inspection there were no noted maintenance issues. The inspection that occurred on August 9 occurred before the next storm event, and no maintenance issues were identified.

10.0 REQUESTS FOR EPA APPROVAL AND ADMINISTRATIVE CHANGES

The Permittees submitted alternative compliance requests for 15 SMA/Site combinations in 2019. The permittees made no requests for Site deletion to EPA in 2019.

> 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).

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 six administrative errors regarding the SMAs 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:

- 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 Site 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 Site 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. An alternative compliance request was made for Site 01-003(b) before its retirement, which now applies to Sites 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 Site 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 Site 02-014 with the drainage designated by LA-SMA-5.51 and Permitted Feature L018. Site 02-014 consists of three former electrical transformer stations (former structures 02-31, 02-45, and 02-51) that served buildings in Technical Area (TA)-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 Site 02-011(a), a former storm drain.
- A typographical error in the Individual Permit Appendix B 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.
- 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 SWMU 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 and 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 Sites 14-002(d) and 14-002(e).
- Review of the SWMUs and AOCs in the area within W-SMA-7 identified that Site 16-026(h2) was incorrectly associated with industrial materials to be monitored at the SMA. The Permittees believe the Permit incorrectly identified 16-026(h2) as the Site to be permitted under the IP. The Site intended for monitoring is 16-029(e), not 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 identified that the Site intended for monitoring is 09-005(g) instead of 09-004(g). Site 09-004(g) is a high-explosives (HE) sump removed in 2006 with no surface expression. Site 09-004(g) drained to Site 09-005(g), an outfall which 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 Site 15-006(a) was incorrectly associated with industrial materials to be monitored at the SMA. Site 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)

LANL (Los Alamos National Laboratory), September 13, 2013. "Completion of Corrective Action at Site 00-018(b) in P-SMA-0.3," Los Alamos National Laboratory document LA-UR-13-27052, Los Alamos, New Mexico. (LANL 2013, 249474)

LANL (Los Alamos National Laboratory), September 23, 2013. "NPDES Permit No. NM0030759 – Request for an Extension Due to Force Majeure under Part I.E.4(c) for Sites in Upper Mortandad Canyon," Los Alamos National Laboratory letter (EP2013-0213) to J. Walker (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, 250038)

LANL (Los Alamos National Laboratory), September 23, 2013. "NPDES Permit No. NM0030759 – Request for an Extension Due to Force Majeure under Part I.E.4(c) for Sites in Upper Sandia Canyon," Los Alamos National Laboratory letter (EP2013-0212) to J. Walker (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, 250039)

LANL (Los Alamos National Laboratory), October 30, 2013. "Completion of Corrective Action at Sites 35-014(e2) and 35-016(i) in M-SMA-10.3," Los Alamos National Laboratory document LA-UR-13-28270, Los Alamos, New Mexico. (LANL 2013, 250453)

LANL (Los Alamos National Laboratory), October 31, 2013. "NPDES Permit No. NM0030759 – Submittal of Completion of Corrective Action for T-SMA-1, Site 50-009," Los Alamos National Laboratory letter (EP2013-0246) to P. Johnsey (EPA Region 6) from D. McInroy (LANL) and D.S. Rhodes (DOE-NA-00-LA), Los Alamos, New Mexico. (LANL 2013, 250960)

LANL (Los Alamos National Laboratory), November 22, 2013. "Completion of Corrective Action at Sites 21-013(b), 21-013(g), and 21-018(a) in LA-SMA-5.92," Los Alamos National Laboratory document LA-UR-13-28928, Los Alamos, New Mexico. (LANL 2013, 251270)

LANL (Los Alamos National Laboratory), November 22, 2013. "Completion of Corrective Action at Site 00-011(d) in B-SMA-1," Los Alamos National Laboratory document LA-UR-13-28926, Los Alamos, New Mexico. (LANL 2013, 251268)

LANL (Los Alamos National Laboratory), November 22, 2013. "Completion of Corrective Action at Site 46-004(m) in CDB-SMA-0.55," Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 2013, 251269)

LANL (Los Alamos National Laboratory), April 21, 2014. "NPDES Permit No. NM0030759 – Request for Alternative Compliance for Site Monitoring Area M-SMA-7.9," Los Alamos National Laboratory letter (EP2014-0143) to P. Johnsey (EPA Region 6) from J. Mousseau (LANL) and P. Maggiore (DOE-NA-LA), Los Alamos, New Mexico. (LANL 2014, 255538)

LANL (Los Alamos National Laboratory), August 12, 2014. "NPDES Permit No. NM0030759 – Submittal of Analytical Results for Site 54-017 in Site Monitoring Area PJ-SMA-20," Los Alamos National Laboratory letter (EP2014-0411) to P. Johnsey (EPA Region 6) from D. McInroy (LANL) and D.S. Rhodes (DOE-NA-LA), Los Alamos, New Mexico. (LANL 2014, 260188)

LANL (Los Alamos National Laboratory), August 27, 2014. "NPDES Permit No. NM0030759 – Submittal of Completion of Corrective Action for CDB-SMA-4 (Sites 54-017, 54-018, and 54-020) and PJ-SMA-17 (Site 54-018)," Los Alamos National Laboratory letter (EP2014-0415) to P. Johnsey (EPA Region 6) from D. McInroy (LANL) and D. Rhodes (DOE-NA-LA), Los Alamos, New Mexico. (LANL 2014, 260884)

LANL (Los Alamos National Laboratory), August 28, 2014. "NPDES Permit No. NM0030759 – Submittal of Completion of Corrective Action for PJ-SMA-18 [Sites 54-017 and 54-014(d)] and PJ-SMA-19 [Sites 54-013(b), 54-017, and 54-020]," Los Alamos National Laboratory letter (EP2014-0421) to P. Johnsey (EPA Region 6) from D. McInroy (LANL) and D. Rhodes (DOE-NA-LA), Los Alamos, New Mexico. (LANL 2014, 260887)

LANL (Los Alamos National Laboratory), April 16, 2016. "NPDES Permit No. NM0030759- Submittal of Completion of Corrective Action at Site 00-018(a) in P-SMA-3.05 and Completion of Corrective Action at Sites 73-002 and 73-003 in P-SMA-2," Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 2015, 600370)

LANL (Los Alamos National Laboratory), May 2015. "Alternative Compliance Request for 19 Site Monitoring Area/Site Combinations Exceeding Target Action Levels for Gross-Alpha Radioactivity," Los Alamos National Laboratory document LA-UR-15-22211, Los Alamos, New Mexico. (LANL 2015, 600419)

LANL (Los Alamos National Laboratory), May 5, 2015. "Alternative Compliance Request for 19 Site Monitoring Area/ Site Combinations Exceeding Target Action Levels for Gross-Alpha Radioactivity," Los Alamos National Laboratory letter LA-UR-15-22211 to P. Johnsey (EPA Region 6) and E. Spencer (EPA Region 6) from A.M. Dorries (LANL) and C. Gelles (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600417)

LANL (Los Alamos National Laboratory), September 10, 2015. "NPDES Permit No. NM0030759 – Request for an Extension Based on Force Majeure under Part I.E.4(c) for Site 03-052(f) within S-SMA-0.25 in Upper Sandia Canyon," Los Alamos National Laboratory letter (ADESH-15-109) to B. Larsen (EPA Region 6) from A.M. Dorries (LANL) and C. Gelles (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600910)

LANL (Los Alamos National Laboratory), September 29, 2015. "NPDES Permit No. NM0030759 – Submittal of Completion of Corrective Action Certification of No Exposure at LA-SMA-1 (Site 00-017); M-SMA-4 (Site 48-005); 2M-SMA-2.2 [Site 03-003(k)]; S-SMA-0.25 [Site 03-013(a)]; and W-SMA-1 [Site 16-017(j)-99]," Los Alamos National Laboratory letter (ADESH-15-128) to P. Johnsey (EPA Region 6) from A.M. Dorries (LANL) and D.E. Hintze (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600932)

LANL (Los Alamos National Laboratory), October 14, 2015. "NPDES Permit No. NM0030759 – Request Deletion of Six Sites Planned for Deletion from the Individual Permit for Storm Water," Los Alamos National Laboratory letter (ADESH-15-101) to I. Chen (EPA Region 6) from A.M. Dorries (LANL) and D.E. Hintze (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600952)

LANL (Los Alamos National Laboratory), October 21, 2015. "NPDES Permit No. NM0030759 – Request for Permit Modification, Removal of Sites 16-010(b) (CDV-SMA-2.42), 16-010(c) (CDV-SMA-2.5), 16-010(d) (CDV-SMA-2.5), and 16-018 (CDV-SMA-2.41)," Los Alamos National Laboratory letter (ADESH-15-144) to I. Chen (EPA Region 6) from A.M. Dorries (LANL) and D.E. Hintze (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600962)

LANL (Los Alamos National Laboratory), October 21, 2015. "NPDES Permit No. NM0030759 – Request for Permit Modification, Removal of Sites 03-045(b) and 03-045(c) (S-SMA-2)," Los Alamos National Laboratory letter (ADESH-15-143) to I. Chen (EPA Region 6) from A.M. Dorries (LANL) and D.E. Hintze (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600961)

LANL (Los Alamos National Laboratory), October 30, 2015. "NPDES Permit No. NM0030759 – Request for an Extension Based on Force Majeure under Part I.E.4(c) for Eighteen Sites within Ten Site Monitoring Areas," Los Alamos National Laboratory letter (ADESH-15-140) to B. Larsen (EPA Region 6) from A.M. Dorries (LANL) and D.E. Hintze (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600979)

LANL (Los Alamos National Laboratory), October 30, 2015. "NPDES Permit No. NM0030759 – Submittal of Certification of Completion of Corrective Action for One Site [06-006] Following Analytical Results below Target Action Levels," Los Alamos National Laboratory letter (ADESH-15-153) to P. Johnsey (EPA Region 6) from A.M. Dorries (LANL) and D.E. Hintze (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 600976)

LANL (Los Alamos National Laboratory), October 30, 2015. “NPDES Permit No. NM0030759 - Submittal of Completion of Corrective Action for Twenty [20] Sites in Eight [8] Site Monitoring Areas Following Certificates of Completion from the New Mexico Environment Department,” Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 2015, 600977)

LANL (Los Alamos National Laboratory), October 30, 2015. “NPDES Permit No. NM0030759 - Submittal of Completion of Corrective Action for Three [3] Sites (05-00l(b), 05-002, and 53-00l(b)] Following Certificates of Completion from the New Mexico Environment Department,” Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 2015, 600978)

LANL (Los Alamos National Laboratory), December 17, 2015. “NPDES Permit No. NM0030759 – Submittal of Analytical Results for Site Monitoring Area S-SMA-6 Following Analytical Results from the First Measurable Storm Event after Certification of Installation of Enhanced Controls,” Los Alamos National Laboratory letter (ADESH-15-183) to P. Johnsey (EPA Region 6) from A.M. Dorries (LANL) and D.S. Rhodes (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2015, 601056)

LANL (Los Alamos National Laboratory), March 4, 2016. “Certification of Completion of Corrective Action for One Site [53-008] Following Analytical Results below Target Action Levels at LA-SMA-10.12,” Los Alamos National Laboratory document LA-UR-16-20865, Los Alamos, New Mexico. (LANL 2016, 601270)

LANL (Los Alamos National Laboratory), February 26, 2016. “NPDES Permit No. NM0030759 – Alternative Compliance Request for 17 Site Monitoring Area/Site Combinations Exceeding Target Action Levels from Nonpoint Sources,” Los Alamos National Laboratory letter ADESH-16-022 to P. Johnsey (EPA Region 6) and E. Spencer (EPA Region 6) from J. McCann (LANL) and D. Rhodes (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2016, 601239)

LANL (Los Alamos National Laboratory), June 6, 2016. “NPDES Permit No. NM0030759 - Update on Certificate of Completion for Site 01-002(b)-OO Monitored within ACID-SMA-2 and ACID-SMA-2.1,” Los Alamos National Laboratory letter (ADESH-16-080) to P. Johnsey (EPA Region 6) from J. McCann (LANL) and D.S. Rhodes (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2016, 601530)

LANL (Los Alamos National Laboratory), August 31, 2016. “Analytical Results for Site 03-013(a) in Site Monitoring Area S-SMA-0.25 after Certification of a No Exposure Condition,” Los Alamos National Laboratory document LA-UR-16-26363, Los Alamos, New Mexico. (LANL 2016, 601772)

LANL (Los Alamos National Laboratory), September 26, 2016. “Analytical Results for Site 03-003(k) in Site Monitoring Area 2M-SMA-2.2 after Certification of a No Exposure Condition,” Los Alamos National Laboratory document LA-UR-16-26789, Los Alamos, New Mexico. (LANL 2016, 601824)

LANL (Los Alamos National Laboratory), September 26, 2016. “NPDES Permit No. NM0030759 - Submittal of Completion of Corrective Action for Two [2] Sites [16-017(a)-99 and 16-026(m)] in CDV-SMA-1.3 Following Certificates of Completion from the New Mexico Environment Department,” Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 2016, 601823)

LANL (Los Alamos National Laboratory), October 25, 2016. "Analytical Results Following Completion of Corrective Action by Certification of a No Exposure Condition at Site 48-005 in M-SMA-4," Los Alamos National Laboratory document LA-UR-16-27800, Los Alamos, New Mexico. (LANL 2016, 601918)

LANL (Los Alamos National Laboratory), March 6, 2017. "NPDES Permit No. NM0030759 – Completion of Corrective Action for Five [5] Sites in Five [5] Site Monitoring Areas Following Certificates of Completion from the New Mexico Environment Department," Los Alamos National Laboratory letter (ADESH-17-024) to P. Johnsey (EPA Region 6) from J.C. Bretzke (LANL) and D.H. Rhodes (EM-LA), Los Alamos, New Mexico. (LANL 2017, 602213)

LANL (Los Alamos National Laboratory), April 27, 2017. "NPDES Permit No. NM0030759 - Completion of Corrective Action for Eight [8] Sites in B-SMA-0.5 Following Certificates of Completion from the New Mexico Environment Department," Los Alamos National Laboratory letter (ADESH-17-032) to E. Herrera (EPA Region 6) from J.C. Bretzke (LANL) and D.S. Rhodes (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2017, 602250)

LANL (Los Alamos National Laboratory), August 28, 2017. "NPDES Permit No. NM0030759 - Completion of Corrective Action for Site C-36-001 in PT-SMA-2.01," Los Alamos National Laboratory letter (ADESH-17-059) to E. Herrera (EPA Region 6) from J.C. Bretzke (LANL) and D.S. Rhodes (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2017, 602575)

LANL (Los Alamos National Laboratory), September 20, 2017. "NPDES Permit No. NM0030759 - Analytical Results for Site Monitoring Area 2M-SMA-3 from the First Measurable Storm Event Following Certification of Enhanced Control Measures," Los Alamos National Laboratory letter (ADESH-17-069) to E. Herrera (EPA Region 6) from J.C. Bretzke (LANL) and D.S. Rhodes (DOE-EM-LA), Los Alamos, New Mexico. (LANL 2017, 602620)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), September 18, 2018. "NPDES Permit No. NM0030759 - Analytical Results for Site Monitoring Areas CDV-SMA-7, CHQ-SMA-1.02, and CHQ-SMA-2 from the First Measurable Storm Event Following Certification of Enhanced Control Measures " N3B letter (N3B-18-0210) to E. Herrera (EPA Region 6) from N. Lombardo (N3B) and D.S. Rhodes (EM-LA), Los Alamos, New Mexico. (N3B 2018, 700079)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), October 11, 2018. "NPDES Permit No. NM0030759 - Analytical Results for Site Monitoring Areas PT-SMA-4.2 and CHQ-SMA-1.03 from the First Measurable Storm Event Following Certification of Enhanced Control Measures," N3B letter (N3B-18-0267) to E. Herrera (EPA Region 6) from F. Lockhart (N3B) and D.S. Rhodes (EM-LA), Los Alamos, New Mexico. (N3B 2018, 700099)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), October 18, 2018. "NPDES Permit No. NM0030759 - Analytical Results from the First Measurable Storm Event Following Certification of Enhanced Control Measures at Site Monitoring Area PJ-SMA-11," N3B letter (N3B-18-0278) to E. Herrera (EPA Region 6) from F. Lockhart (N3B) and D.S. Rhodes (EM-LA), Los Alamos, New Mexico. (N3B 2018, 700102)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 6, 2018. "NPDES Permit No. NM0030759 - Analytical Results from the First Measurable Storm Event Following Certification of Enhanced Control Measures at Site Monitoring Areas A-SMA-3, PJ-SMA-3.05, PJ-SMA-5, and STRM-SMA-1.5," N3B letter (N3B-18-0306) to E. Herrera (EPA Region 6) from F. Lockhart (N3B) and D.S. Rhodes (EM-LA), Los Alamos, New Mexico. (N3B 2018, 700119)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), June 2019. "Revised National Pollutant Discharge Elimination System Individual Permit Renewal Application Package," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2019-0009, Los Alamos, New Mexico. (N3B 2019, 700507)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), April 22, 2019. "NPDES Permit No. NM0030759 - Alternative Compliance Requests for Seven Site Monitoring Area/Site Combinations Exceeding Target Action Levels from Nonpoint Sources," N3B letter (N3B-19-0108) to E. Herrera (EPA Region 6) from F. Lockhart (N3B) and D.S. Rhodes (EM-LA), Los Alamos, New Mexico. (N3B 2019, 700401)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), September 26, 2019. "NPDES Permit No. NM0030759 - Analytical Results for Site Monitoring Areas A-SMA-2, DP-SMA-3, and PT-SMA-2 from the First Measurable Storm Event Following Certification of Enhanced Control Measures," N3B letter (N3B-19-0262) to E. Herrera (EPA Region 6) from E. Lowes (N3B) and D. Nickless (EM-LA), Los Alamos, New Mexico. (N3B 2019, 700589)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 27, 2019. "NPDES Permit No. NM0030759 - Completion of Corrective Action for Three Sites in 2M-SMA-3 Following Analytical Results Below Target Action Levels," N3B letter (N3B-19-0362) to E. Herrera (EPA Region 6) from E. Lowes (N3B) and D. Nickless (EM-LA), Los Alamos, New Mexico. (N3B 2019, 700685)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), January 14, 2020. "NPDES Permit No. NM0030759 - Certification of Installation of Enhanced Control Measures for STRM-SMA-4.2," N3B letter (N3B-20-0001) to E. Herrera (EPA Region 6) from E. Lowes (N3B) and D. Nickless (EM-LA), Los Alamos, New Mexico. (N3B 2020, 700732)

NMED (New Mexico Environment Department), September 13, 2006. "Certificates of Completion for Solid Waste Management Units 53-002(a) and 53-002(b), Technical Area 53," New Mexico Environment Department letter to D. Gregory (DOE-LASO) and D. McInroy (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2006, 095421)

NMED (New Mexico Environment Department), August 13, 2007. "Approval of the Investigation Report for Consolidated Unit 73-002-99 and Corrective Action of Solid Waste Management Unit 73-002, at Technical Area 73," New Mexico Environment Department letter to D. Gregory (DOE LASO) and D. McInroy (LANL) from J.P. Bearzi (NMED HWB), Santa Fe, New Mexico. (NMED 2007, 098441)

NMED (New Mexico Environment Department), January 23, 2008. "Approval of Los Alamos National Laboratory Proposal for No Further Action," New Mexico Environment Department letter to D. Gregory (DOE-LASO) and D. McInroy (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2008, 100116)

NMED (New Mexico Environment Department), April 6, 2010. "Approval, Request for Certificates of Completion for Two Solid Waste Management Units and Five Areas of Concern in the North Ancho Canyon Aggregate Area," New Mexico Environment Department letter to G.J. Rael (DOE-LASO) and M.J. Graham (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2010, 110430)

NMED (New Mexico Environment Department), September 7, 2010. "Certificates of Completion, Upper Mortandad Canyon Aggregate Area," New Mexico Environment Department letter to G.J. Rael (DOE-LASO) and M.J. Graham (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2010, 110665)

NMED (New Mexico Environment Department), September 10, 2010. "Certificates of Completion, Upper Los Alamos Canyon Aggregate Area," New Mexico Environment Department letter to G.J. Rael (DOE-LASO) and M.J. Graham (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2010, 110667)

NMED (New Mexico Environment Department), January 14, 2011. "Certificate of Completion, Pueblo Canyon Aggregate Area, Area of Concern (AOC) 00-018(b)," New Mexico Environment Department letter to G.J. Rael (DOE-LASO) and M.J. Graham (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2011, 111673)

NMED (New Mexico Environment Department), February 18, 2011. "Certificates of Completion, Upper Sandia Canyon Aggregate Area," New Mexico Environment Department letter to G.J. Rael (DOE-LASO) and M.J. Graham (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2011, 111821)

NMED (New Mexico Environment Department), June 3, 2011. "Certificates of Completion, Material Disposal Area V, Technical Area 21," New Mexico Environment Department letter to G.J. Rael (DOE-LASO) and M.J. Graham (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2011, 203706)

NMED (New Mexico Environment Department), May 16, 2012. "Certificates of Completion, One Solid Waste Management Unit and One Area of Concern in the Guaje/Barrancas/Rendija Canyons Aggregate Area," New Mexico Environment Department letter to P. Maggiore (DOE-LASO) and M.J. Graham (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2012, 520388)

NMED (New Mexico Environment Department), July 13, 2012. "Approval of Request for Certificates of Completion for Six Solid Waste Management Units and One Area of Concern in the Upper Cañada del Buey Aggregate Area," New Mexico Environment Department letter to P. Maggiore (DOE-LASO) and M.J. Graham (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2012, 520940)

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. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2012, 521776)

NMED (New Mexico Environment Department), December 28, 2012. "Certificates of Completion, Two Solid Waste Management Units and 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. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2012, 521746)

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. Kieling (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. Kieling (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. Kieling (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. Kieling (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. Kieling (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. Kieling (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. Kieling (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. Kieling (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. Kieling (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. "Approval of 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. "Approval of 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)

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 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 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 7-2, 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 2018.	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

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)
			J030	STRM-SMA-4.2	09-008(b)
			J031	STRM-SMA-5.05	09-013
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 SWMUs: 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 and Replaced Baseline Control Measures Installed during 2019

SMA	BMP ID	Control Measure Type	Control Measure Description	Erosion Control	Sediment Control	Run-on Control	Runoff Control	Install Date	Comments
PT-SMA-3	I00504040044	Channel/Swale	Culvert	X[a]	—[b]	—	—	07/10/2019	Additional control
PT-SMA-3	I00504060042	Channel/Swale	Rip Rap	X	—	—	—	07/10/2019	Additional control
PT-SMA-3	I00505020041	Sediment Traps and Basins	Sediment Basin	—	X	—	X	07/10/2019	Additional control
PT-SMA-3	I00506010040	Check Dam	Rock Check Dam	—	X	—	X	07/10/2019	Additional control
DP-SMA-0.4	D00203060012	Berm	Straw Wattle	—	X	X	—	05/30/2019	Additional control
DP-SMA-0.4	D00204060011	Channel/Swale	Rip Rap	—	X	X	—	05/30/2019	Additional control
DP-SMA-4	D00804050014	Channel/Swale	Water Bar	X	—	X	—	11/04/2019	Additional control
DP-SMA-4	D00804060013	Channel/Swale	Rip Rap	X	—	X	—	11/04/2019	Additional control
2M-SMA-1	E00103110035	Berm	Eco-Block	—	X	X	—	06/17/2019	Additional control
LA-SMA-4.2	L01103140016	Berm	Coir Log	—	X	—	X	09/18/2019	Additional control
LA-SMA-4.2	L01103140017	Berm	Coir Log	—	X	—	X	09/18/2019	Additional control
LA-SMA-5.02	L012A03140029	Berm	Coir Log	—	X	—	X	09/18/2019	Additional control
LA-SMA-5.54	L018C03140035	Berm	Coir Log	—	X	X	—	08/26/2019	Additional control
LA-SMA-6.25	L02003140015	Berm	Coir Log	—	X	—	X	08/29/2019	Additional control
LA-SMA-6.27	L02103060021	Berm	Straw Wattle	—	X	—	X	09/18/2019	Additional control
LA-SMA-6.27	L02103060022	Berm	Straw Wattle	—	X	—	X	09/18/2019	Additional control
LA-SMA-6.32	L02303060007	Berm	Straw Wattle	—	X	—	X	06/04/2019	Replaced baseline control
LA-SMA-6.36	L02504050012	Channel/Swale	Water Bar	—	X	X	—	11/27/2019	Replaced baseline control
LA-SMA-6.38	L02603060013	Berm	Straw Wattle	—	X	—	X	09/18/2019	Additional control
M-SMA-12.6	M01703060016	Berm	Straw Wattle	—	X	—	X	09/25/2019	Additional control
M-SMA-12.8	M01903140013	Berm	Coir Log	—	X	—	X	09/25/2019	Replaced baseline control
P-SMA-2	P00606010016	Check Dam	Rock Check Dam	—	X	—	X	09/17/2019	Additional control

Table 2-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	Erosion Control	Sediment Control	Run-on Control	Runoff Control	Install Date	Comments
CHQ-SMA-2	Q00306010055	Check Dam	Rock Check Dam	—	X	—	X	10/23/2019	Additional control
CHQ-SMA-2	Q00306010056	Check Dam	Rock Check Dam	—	X	—	X	10/23/2019	Additional control
R-SMA-1.95	R00303060024	Berm	Straw Wattle	—	X	—	X	09/30/2019	Additional control
S-SMA-2.8	S00403060011	Berm	Straw Wattle	—	X	—	X	10/22/2019	Additional control
S-SMA-3.6	S00603140045	Berm	Coir Log	—	X	X	X	08/19/2019	Additional control

[a] X = Control performs the identified function.

[b] — = Control does not perform the identified function.

Table 3-1
Summary of Confirmation Monitoring at SMAs during 2019

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, 2019	79	53	3	115	250
December 31, 2019	67	49	3	131	250

Table 3-2
Summary of Confirmation Monitoring TAL Exceedances

SMA	Field Sample ID	Stage	Sample Date	Validation Date	Analyte	Unit	Total Analyses	No. of Detects	% of Detect	ATAL	Geo Mean	Geo Mean/ ATAL Ratio	MTAL[a]	No of MTAL Exceedances	% MTAL Exceedances	Concentration Range	Result/MTAL Ratio Range
A-SMA-2	WT_IPC-19-174149 WT_IPC-19-174250	CAM5[b]	07/25/2019 10/04/2019	08/27/2019 11/12/2019	Copper	µg/L	2	2	100	n/a[c]	n/a	n/a	4.30	2	100	18.1 to 29.6	4.21 to 6.88
A-SMA-2	WT_IPC-19-174194 WT_IPC-19-174224	CAM5	07/25/2019 10/04/2019	08/27/2019 11/12/2019	Gross alpha	pCi/L	2	2	100	15.0	201	13.4	n/a	n/a	n/a	67.6 to 596	n/a
DP-SMA-0.6	WT_IPC-19-173376	MEx[d]	07/26/2019	09/03/2019	Gross alpha	pCi/L	1	1	100	15.0	199	13.3	n/a	n/a	n/a	199	n/a
DP-SMA-3	WT_IPC-19-174183 WT_IPC-19-174235	CAM5	7/25/2019 08/09/2019	09/03/2019 09/16/2019	Gross alpha	pCi/L	2	2	100	15.0	104	6.96	n/a	n/a	n/a	66.5 to 164	n/a
LA-SMA-5.2	WT_IPC-19-173397	MEx	07/26/2019	09/03/2019	Arsenic	µg/L	1	1	100	9.00	10.2	1.13	n/a	n/a	n/a	10.2	n/a
LA-SMA-5.2	WT_IPC-19-173365	MEx	07/26/2019	09/03/2019	Gross alpha	pCi/L	1	1	100	15.0	2320	155	n/a	n/a	n/a	2320	n/a
LA-SMA-5.2	WT_IPC-19-173365	MEx	07/26/2019	09/03/2019	Radium-226 and Radium-228	pCi/L	1	1	100	30.0	33.7	1.12	n/a	n/a	n/a	33.7	n/a
LA-SMA-5.2	WT_IPC-19-173397	MEx	07/26/2019	09/03/2019	Selenium	µg/L	1	1	100	5.00	12.1	2.42	n/a	n/a	n/a	12.1	n/a
LA-SMA-5.2	WT_IPC-19-173397	MEx	07/26/2019	09/03/2019	Zinc	µg/L	1	1	100	n/a	n/a	n/a	42.0	1	100	79.8	1.90
LA-SMA-5.361	WT_IPC-19-173383	MEx	08/07/2019	09/16/2019	Gross alpha	pCi/L	1	1	100	15.0	325	21.7	n/a	n/a	n/a	325	n/a
LA-SMA-5.361	WT_IPC-19-173415	MEx	08/07/2019	09/16/2019	Selenium	µg/L	1	1	100	5.00	9.03	1.81	n/a	n/a	n/a	9.03	n/a
LA-SMA-6.3	WT_IPC-19-173823	MEx	07/26/2019	08/27/2019	Aluminum	µg/L	1	1	100	n/a	n/a	n/a	750	1	100	902	1.20
LA-SMA-6.3	WT_IPC-19-173819	MEx	07/26/2019	08/27/2019	Gross alpha	pCi/L	1	1	100	15.0	857	57.1	n/a	n/a	n/a	857	n/a
LA-SMA-6.3	WT_IPC-19-173823	MEx	07/26/2019	08/27/2019	Selenium	µg/L	1	1	100	5.00	5.66	1.13	n/a	n/a	n/a	5.66	n/a
M-SMA-12.5	WT_IPC-19-173844	MEx	07/25/2019	08/27/2019	Gross alpha	pCi/L	1	1	100	15.0	217	14.5	n/a	n/a	n/a	217	n/a
M-SMA-12.5	WT_IPC-19-173849	MEx	07/25/2019	08/27/2019	Selenium	µg/L	1	1	100	5.00	12.2	2.44	n/a	n/a	n/a	12.2	n/a
M-SMA-12.8	WT_IPC-19-173851	MEx	07/25/2019	09/03/2019	Aluminum	µg/L	1	1	100	n/a	n/a	n/a	750	1	100	849	1.13
M-SMA-12.8	WT_IPC-19-173846	MEx	07/25/2019	09/03/2019	Gross alpha	pCi/L	1	1	100	15.0	338	22.5	n/a	n/a	n/a	338	n/a
M-SMA-12.8	WT_IPC-19-173851	MEx	07/25/2019	09/03/2019	Selenium	µg/L	1	1	100	5.00	7.07	1.41	n/a	n/a	n/a	7.07	n/a
P-SMA-2.2	WT_IPC-19-173690	MEx	07/25/2019	09/03/2019	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	14.8	3.44
P-SMA-2.2	WT_IPC-19-173671	MEx	07/25/2019	09/03/2019	Gross alpha	pCi/L	1	1	100	15.0	667	44.5	n/a	n/a	n/a	667	n/a
P-SMA-2.2	WT_IPC-19-175007	MEx	07/25/2019	09/03/2019	Mercury	µg/L	1	1	100	0.770	9.28	12.1	n/a	n/a	n/a	9.28	n/a
P-SMA-2.2	WT_IPC-19-175007	MEx	07/25/2019	09/03/2019	Mercury	µg/L	1	1	100	n/a	n/a	n/a	1.40	1	100	9.28	6.63
P-SMA-2.2	WT_IPC-19-173671	MEx	07/25/2019	09/03/2019	Total PCB	µg/L	1	1	100	0.000640	3.07	4800	n/a	n/a	n/a	3.07	n/a
P-SMA-2.2	WT_IPC-19-173690	MEx	07/25/2019	09/03/2019	Zinc	µg/L	1	1	100	n/a	n/a	n/a	42.0	1	100	81.7	1.95
PJ-SMA-11	WT_IPC-19-174161	CAM5	07/02/2019	08/05/2019	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	92.7	21.6
PJ-SMA-11	WT_IPC-19-174184	CAM5	07/02/2019	08/05/2019	Gross alpha	pCi/L	2	2	100	15.0	108	7.17	n/a	n/a	n/a	70.5 to 164	n/a
PT-SMA-2	WT_IPC-19-174166 WT_IPC-19-174267	CAM5	07/25/2019 10/04/2019	08/27/2019 11/12/2019	Copper	µg/L	2	2	100	n/a	n/a	n/a	4.30	1	50	3.66 to 5.15	0.851 to 1.20
PT-SMA-2	WT_IPC-19-174208 WT_IPC-19-174214	CAM5	07/25/2019 10/04/2019	08/27/2019 11/12/2019	Gross alpha	pCi/L	2	2	100	15.0	104	6.92	n/a	n/a	n/a	78.6 to 137	n/a
R-SMA-2.5	WT_IPC-19-173595	MEx	08/08/2019	09/16/2019	Aluminum	µg/L	1	1	100	n/a	n/a	n/a	750	1	100	1040	1.39
R-SMA-2.5	WT_IPC-19-173580	MEx	08/08/2019	09/16/2019	Gross alpha	pCi/L	1	1	100	15.0	74.7	4.98	n/a	n/a	n/a	74.7	n/a
S-SMA-5.2	WT_IPC-19-173901	MEx	07/26/2019	09/03/2019	Gross alpha	pCi/L	1	1	100	15.0	347	23.1	n/a	n/a	n/a	347	n/a
S-SMA-5.2	WT_IPC-19-173901	MEx	07/26/2019	09/03/2019	Total PCB	µg/L	1	1	100	0.000640	0.00280	4.38	n/a	n/a	n/a	0.00282	n/a

Table 3-2 (continued)

SMA	Field Sample ID	Stage	Sample Date	Validation Date	Analyte	Units	Total Analyses	No. of Detects	% of Detect	ATAL	Geo Mean	Geo Mean/ ATAL Ratio	MTAL[a]	No of MTAL Exceedances	% MTAL Exceedances	Concentration Range	Result/MTAL Ratio Range
T-SMA-2.5	WT_IPC-19-173393	MEx	07/26/2019	09/03/2019	Gross alpha	pCi/L	1	1	100	15.0	369	24.6	n/a	n/a	n/a	369	n/a
T-SMA-2.5	WT_IPC-19-173425	MEx	07/26/2019	09/03/2019	Selenium	µg/L	1	1	100	5.00	8.79	1.76	n/a	n/a	n/a	8.79	n/a
T-SMA-7.1	WT_IPC-19-173561	MEx	07/25/2019	08/27/2019	Copper	µg/L	1	1	100	n/a	n/a	n/a	4.30	1	100	4.46	1.04
T-SMA-7.1	WT_IPC-19-173558	MEx	07/25/2019	08/27/2019	Gross alpha	pCi/L	1	1	100	15.0	42.5	2.83	n/a	n/a	n/a	42.5	n/a
W-SMA-6	WT_IPC-19-173591	MEx	07/07/2019	08/12/2019	Gross alpha	pCi/L	1	1	100	15.0	60.5	4.03	n/a	n/a	n/a	60.5	n/a

[a] MTAL exceedances are reported to EPA within 24 hr of receipt of data.

[b] CAM5 = Corrective action enhanced control monitoring: Confirmation monitoring samples collected following completion of corrective action control measures at moderate-priority sites.

[c] n/a = Not applicable.

[d] MEx = Extended baseline monitoring.

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 mo 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 one (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 mo of the effective date of the Permit, the Permittees shall collect two or more confirmation samples within 18 mo after the effective date of the Permit at associated SMAs.	04/30/2012
Baseline Monitoring Extended (MEx)	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
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; (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

Table 4-1 (continued)

Compliance Phase	Permit Section(s)	Description	Milestone
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, 2019
Baseline	67	Baseline Monitoring Extended (MEx)	109	Baseline monitoring is extended until one confirmation sample can be collected.
		Baseline Confirmation Complete (BCComp or <TAL)	13	All baseline confirmation monitoring results are less than TALs. No further confirmation monitoring is required.
Corrective Action	183	Enhanced Control Monitoring (CAM or CAM2)	182	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)	9	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)	8	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)	79	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)	100	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)	9	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)	4	BEC – Enhanced controls are being built to initiate corrective action monitoring
		Corrective Action Initiation (CAI)	11	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 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 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 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 472 SMA/site combinations as of December 31, 2019.

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	—	—	00-011(c)	MPS	DelSiteR	10/14/2015	—	—	—
			In process	—			MEx[g]	10/31/2011	—	—	—
R005	R-SMA-2.3	12/01/2010	06/14/2013	—	00-011(e)	MPS	BCComp[h]	07/23/2013	—	—	—
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
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	08/21/2011	—	00-030(g)	MPS	BCComp	11/01/2011	—	—	—
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	n	—	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	BEC[k]	12/23/2019	—	—	—
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

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
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[l]	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	—	—
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	
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	CAI[m]	09/04/2019	n/a	—	—
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	CAI	09/17/2019	n/a	—	—
L017A	LA-SMA-5.362	04/28/2011	In process	—	32-003	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
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	—	—
					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	FMCOC[n]	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	—	—	—

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
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	—	—	—
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[o]	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	CAI	09/03/2019	n/a	—	—
					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	CAI	09/16/2019	n/a	—	—
D008	DP-SMA-4	12/16/2010	In process	—	21-021	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
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	FMCOC	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	FMCOC	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	FMCOC	09/23/2013	—	—	LANL 2013, 250039
					03-045(b)	HPS	AltCompA[p]	09/10/2013	—	—	—
					03-045(b)	HPS	DelSiteR	10/21/2015	—	—	—
					03-045(c)	HPS	AltCompA	09/10/2013	—	—	—
					03-045(c)	HPS	DelSiteR	10/21/2015	—	—	—
S003A	S-SMA-2.01	12/16/2010	09/07/2011	11/02/2011	03-052(b)	HPS	FMCOC	09/23/2013	—	—	
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	CAI	09/03/2019	n/a	—	—
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[q]	07/27/2016	01/16/2018	—	—
				01/16/2018	72-001	HPS	BEC	08/14/2018	—	—	—
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

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
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
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	—	—	—

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
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[r]	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[s]	—	—	—	—
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
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

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
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	FMCOC	10/30/2015	—	—	LANL 2015, 600979
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	—	—	—
M022	M-SMA-13	12/16/2010	09/13/2013	—	05-001(c)	MPS	BCComp	10/21/2013	—	—	—
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	FMCOC	09/23/2013	—	—	LANL 2013, 250038
					50-009	HPS	CACompC-Inv	10/31/2013	—	10/31/2013	—
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

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
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
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		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

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
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	09/09/2012	—	40-001(c)	MPS	BCComp	10/19/2012	—	—	—
H001	3M-SMA-0.2	12/01/2010	07/15/2018	08/20/2018	15-010(b)	MPS	S7	—	—	—	—
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	In process	—	—
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	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	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	—	—	—

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
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	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-Inv	08/28/2014	—	08/28/2014	—
					54-017	HPS	CACompC-Inv	08/28/2014	—	08/28/2014	—
					54-020	HPS	CACompC-Inv	08/28/2014	—	08/28/2014	—
J027	PJ-SMA-20	12/16/2010	08/22/2011	05/01/2012	54-017	HPS	CACompC	10/25/2013	—	10/25/2013	LANL 2013, 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	In process	—	—
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	01/16/2020	—	—	—
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	08/02/2015	—	16-017(b)-99	MPS	BCComp	09/14/2015	—	—	—
					16-029(k)	MPS	BCComp	09/14/2015	—	—	—
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

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
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	—	—
				01/16/2018	16-010(b)	MPS	DelSiteR	10/21/2015	—	—	—
					16-010(b)	MPS	BEC	01/16/2018	—	—	—
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	—	—
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	S7	—	—	—	—
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	S7	—	—	—	—
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	—	—

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
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	CAI	11/14/2019	—	—	—
					36-003(b)	MPS	CAI	11/14/2019	—	—	—
					36-004(e)	MPS	CAI	11/14/2019	—	—	—
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	In process	—	—
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
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

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
W007	W-SMA-6	01/12/2011	07/07/2019	11/13/2019	11-001(c)	MPS	CAI	11/13/2019	—	—	—
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	In process	—	16-031(a)	MPS	MEx	04/30/2012	—	—	—
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	09/13/2013	—	16-030(g)	MPS	BCComp	10/21/2013	—	—	—
W014	W-SMA-9.5	12/01/2010	09/27/2017	01/16/2018	11-012(c)	MPS	BEC	01/16/2018	—	—	—
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	—	—
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	—	—
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	S7	—	—	—	—
					39-004(d)	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
A002	A-SMA-2	02/11/2011	09/12/2013	10/22/2013	39-004(b)	MPS	CAM	08/10/2015	10/04/2019	11/12/2019	—
					39-004(e)	MPS	CAM	08/10/2015	10/04/2019	11/12/2019	—
				11/12/2019	39-004(b)	MPS	CAI	11/12/2019	—	—	—
					39-004(e)	MPS	CAI	11/12/2019	—	—	—
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	In process	—	—
					39-004(c)	MPS	CAM	09/04/2015	In process	—	—
A007	A-SMA-3.5	02/11/2011	07/25/2013	—	39-006(a)	MPS	BCComp	09/06/2013	—	—	—
A008	A-SMA-4	02/11/2011	07/23/2018	09/26/2018	33-010(d)	MPS	S7	—	—	—	—
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	—	—	—
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	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	—	—

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
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	33-007(c)	MPS	S7	—	—	—	—
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	09/26/2018	33-011(e)	MPS	S7	—	—	—	—
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	—	—	—
Q009	CHQ-SMA-6	02/11/2011	07/25/2013	08/29/2013	33-004(j)	MPS	CAM	08/10/2015	In process	—	—
					33-006(a)	MPS	CAM	08/10/2015	In process	—	—
					33-007(b)	MPS	CAM	08/10/2015	In process	—	—
					33-010(c)	MPS	CAM	08/10/2015	In process	—	—
					33-010(g)	MPS	CAM	08/10/2015	In process	—	—
					33-010(h)	MPS	CAM	08/10/2015	In process	—	—
					33-014	MPS	CAM	08/10/2015	In process	—	—
Q010	CHQ-SMA-7.1	02/11/2011	07/23/2018	09/26/2018	33-010(g)	MPS	S7	—	—	—	—

Notes: Cells are shaded to indicate stages where corrective action is complete. 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 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 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] BCComp = All baseline confirmation monitoring results are less than TALs. No further monitoring is required.

[i] AltCompR = Alternative compliance requested.

[j] HPS = High-priority site.

[k] BEC=Enhanced controls are being built to initiate corrective action monitoring.

[l] CACompC = Corrective action is complete under the Permit with a certification of no exposure.

[m] CAI = Corrective action has been initiated.

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

[o] 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).

[p] AltCompA = Alternative compliance request approved.

[q] CAM2 = Second round of enhanced control monitoring continues until at least two samples are collected.

[r] 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.

[s] S7 = Permittees are preparing an analysis of alternatives to complete corrective action.

Table 4-4
Summary of Site Corrective Actions Planned

Site	SMA	Permitted Feature	Current Stage	Corrective Action Response
00-019	P-SMA-2.2	P008	BEC	Enhanced controls are being built to initiate corrective action monitoring in 2020.
01-003(d)	LA-SMA-5.2	L013	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
03-049(e)	M-SMA-1.21	M002A	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
11-001(c)	W-SMA-6	W007	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
11-012(c)	W-SMA-9.5	W014	BEC	Enhanced controls are being built to initiate corrective action monitoring.
15-007(b)	CDV-SMA-9.05	V016	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
15-008(d)	CDV-SMA-7	V013	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
15-008(f)	PT-SMA-2	I004	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
15-010(b)	3M-SMA-0.2	H001	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
16-010(b)	CDV-SMA-2.42	V008A	BEC	Enhanced controls are being built to initiate corrective action monitoring.
20-003(c)	S-SMA-5.2	S014	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
21-021	DP-SMA-0.6	D003	CAI	Permittees are preparing to screen analytical data from 2019 that h exceeded TALs.
21-021	DP-SMA-3	D007	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
32-002(b2)	LA-SMA-5.361	L017	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs,
33-004(h)	CHQ-SMA-1.02	Q002A	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
33-007(c)	CHQ-SMA-2	Q003	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
33-008(c)	CHQ-SMA-1.02	Q002A	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
33-010(d)	A-SMA-4	A008	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
33-010(g)	CHQ-SMA-7.1	Q010	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
33-011(d)	CHQ-SMA-1.02	Q002A	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
33-011(e)	CHQ-SMA-4	Q005	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
33-015	CHQ-SMA-1.02	Q002A	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
36-003(b)	PT-SMA-2	I004	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
36-004(e)	PT-SMA-2	I004	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
39-004(a)	A-SMA-1.1	A001	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
39-004(b)	A-SMA-2	A002	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
39-004(d)	A-SMA-1.1	A001	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
39-004(e)	A-SMA-2	A002	CAI	Permittees are preparing to screen analytical data from 2019 that exceeded TALs.
40-003(a)	PJ-SMA-11	J013	S7	Permittees are preparing an analysis of alternatives to complete corrective action.
72-001	S-SMA-6	S016	BEC	Enhanced controls are being built to initiate corrective action monitoring.

Table 5-1
Enhanced Control Measures Installed in 2019

SMA	BMP ID	Control Measure Type	Control Measure Description	Erosion Control	Sediment Control	Run-on Control	Runoff Control	Install Date
STRM-SMA-4.2	J03005070007	Sediment Traps and Basins	Plunge Pool	X[a]	X	—[b]	X	11/06/2019
STRM-SMA-4.2	J03005070008	Sediment Traps and Basins	Plunge Pool	X	X	—	X	11/06/2019
STRM-SMA-4.2	J03005070009	Sediment Traps and Basins	Plunge Pool	X	X	—	X	11/06/2019
STRM-SMA-4.2	J03006010010	Check Dam	Rock Check Dam	—	X	—	X	11/06/2019
STRM-SMA-4.2	J03006010011	Check Dam	Rock Check Dam	—	X	—	X	11/06/2019
STRM-SMA-4.2	J03006010012	Check Dam	Rock Check Dam	—	X	—	X	11/06/2019

[a] X = Control performs the identified function.

[b] — = Control does not perform the identified function.

Table 7-1
Individual Permit
Rain Gage Network during 2019

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.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG-NCOM	3/12/2019	0.27	03/20/2019	R-SMA-0.5	R001	8	Yes
			03/20/2019	R-SMA-1	R002	8	Yes
			03/20/2019	R-SMA-2.05	R004	8	Yes
RG-NCOM	7/7/2019	0.57	07/09/2019	R-SMA-2.05	R004	2	Yes
			07/18/2019	R-SMA-0.5	R001	11	Yes
			07/18/2019	R-SMA-1	R002	11	Yes
RG-NCOM	7/25/2019 7/26/2019	0.42 0.29	07/29/2019	R-SMA-2.05	R004	4	Yes
RG-NCOM	7/25/2019 7/26/2019 8/5/2019	0.42 0.29 0.33	08/06/2019	R-SMA-0.5	R001	12	Yes
			08/08/2019	R-SMA-1	R002	14	Yes
RG-NCOM	8/5/2019	0.33	08/08/2019	R-SMA-2.05	R004	3	Yes
RG-NCOM	10/3/2019	0.27	10/07/2019	R-SMA-2.05	R004	4	Yes
			10/16/2019	R-SMA-1	R002	13	Yes
			10/16/2019	R-SMA-0.5	R001	13	Yes
RG-TA-06	3/12/2019	0.27	03/14/2019	M-SMA-3.1	M004	2	Yes
			03/14/2019	M-SMA-3	M003	2	Yes
			03/20/2019	PJ-SMA-11	J013	8	Yes
			03/20/2019	PJ-SMA-11.1	J014	8	Yes
			03/20/2019	PJ-SMA-10	J012	8	Yes
			03/20/2019	PJ-SMA-6	J007	8	Yes
			03/20/2019	2M-SMA-1.65	E007	8	Yes
			03/20/2019	PJ-SMA-9	J010	8	Yes
			03/20/2019	3M-SMA-0.2	H001	8	Yes
			03/20/2019	2M-SMA-3	E014	8	Yes
			03/20/2019	2M-SMA-1.67	E008	8	Yes
			03/20/2019	2M-SMA-1.45	E005	8	Yes
			03/20/2019	2M-SMA-1.44	E004	8	Yes
			03/20/2019	2M-SMA-1.42	E002	8	Yes
			03/20/2019	2M-SMA-1.43	E003	8	Yes
			03/20/2019	2M-SMA-1.5	E006	8	Yes
			03/20/2019	PJ-SMA-5	J005	8	Yes
			03/20/2019	PJ-SMA-5.1	J006	8	Yes
			03/20/2019	PJ-SMA-8	J009	8	Yes
			03/21/2019	2M-SMA-1.8	E010	9	Yes
			03/21/2019	2M-SMA-1.7	E009	9	Yes
			03/25/2019	PJ-SMA-7	J008	13	Yes
			03/25/2019	2M-SMA-2.5	E015	13	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG-TA-06	7/7/2019	0.25	07/08/2019	2M-SMA-1.44	E004	1	Yes
			07/09/2019	2M-SMA-1.43	E003	2	Yes
			07/09/2019	2M-SMA-1.5	E006	2	Yes
			07/09/2019	PJ-SMA-5	J005	2	Yes
			07/09/2019	PJ-SMA-5.1	J006	2	Yes
			07/11/2019	3M-SMA-0.2	H001	4	Yes
			07/11/2019	2M-SMA-1.8	E010	4	Yes
			07/11/2019	2M-SMA-1.7	E009	4	Yes
			07/15/2019	2M-SMA-1.67	E008	8	Yes
			07/15/2019	2M-SMA-1.45	E005	8	Yes
			07/15/2019	2M-SMA-1.42	E002	8	Yes
RG-TA-06	7/7/2019 7/15/2019	0.25 0.31	07/16/2019	PJ-SMA-11.1	J014	9	Yes
			07/16/2019	PJ-SMA-11	J013	9	Yes
			07/16/2019	PJ-SMA-9	J010	9	Yes
			07/16/2019	PJ-SMA-8	J009	9	Yes
			07/16/2019	PJ-SMA-6	J007	9	Yes
			07/16/2019	2M-SMA-1.65	E007	9	Yes
			07/16/2019	PJ-SMA-10	J012	9	Yes
			07/16/2019	2M-SMA-2.5	E015	9	Yes
			07/16/2019	2M-SMA-3	E014	9	Yes
			07/18/2019	M-SMA-3	M003	11	Yes
			07/18/2019	M-SMA-3.1	M004	11	Yes
			07/19/2019	PJ-SMA-7	J008	12	Yes
RG-TA-06	7/15/2019	0.31	07/17/2019	2M-SMA-1.5	E006	2	Yes
			07/17/2019	PJ-SMA-5.1	J006	2	Yes
			07/17/2019	PJ-SMA-5	J005	2	Yes
			07/17/2019	2M-SMA-1.67	E008	2	Yes
			07/18/2019	2M-SMA-1.44	E004	3	Yes
			07/22/2019	2M-SMA-1.42	E002	7	Yes
			07/22/2019	2M-SMA-1.43	E003	7	Yes
			07/22/2019	2M-SMA-1.45	E005	7	Yes
			07/22/2019	2M-SMA-1.7	E009	7	Yes
			07/22/2019	2M-SMA-1.8	E010	7	Yes
			07/24/2019	3M-SMA-0.2	H001	9	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG-TA-06	7/25/2019	0.31	07/30/2019	2M-SMA-1.44	E004	5	Yes
			07/30/2019	PJ-SMA-7	J008	5	Yes
			07/30/2019	PJ-SMA-8	J009	5	Yes
			07/30/2019	M-SMA-3.1	M004	5	Yes
			07/30/2019	M-SMA-3	M003	5	Yes
			07/30/2019	2M-SMA-1.5	E006	5	Yes
			08/01/2019	2M-SMA-1.7	E009	7	Yes
			08/01/2019	2M-SMA-1.8	E010	7	Yes
			08/02/2019	PJ-SMA-11	J013	8	Yes
			08/02/2019	PJ-SMA-11.1	J014	8	Yes
			08/02/2019	PJ-SMA-10	J012	8	Yes
			08/02/2019	PJ-SMA-9	J010	8	Yes
			08/02/2019	2M-SMA-1.65	E007	8	Yes
			08/02/2019	PJ-SMA-6	J007	8	Yes
			08/02/2019	2M-SMA-1.67	E008	8	Yes
RG-TA-06	7/25/2019 8/5/2019	0.3 0.54	08/06/2019	PJ-SMA-5.1	J006	12	Yes
			08/06/2019	PJ-SMA-5	J005	12	Yes
			08/07/2019	2M-SMA-1.43	E003	13	Yes
			08/07/2019	2M-SMA-1.45	E005	13	Yes
			08/07/2019	2M-SMA-2.5	E015	13	Yes
			08/07/2019	2M-SMA-1.42	E002	13	Yes
			08/07/2019	2M-SMA-3	E014	13	Yes
RG-TA-06	7/25/2019 8/5/2019 8/7/2019	0.3 0.54 0.42	08/08/2019	3M-SMA-0.2	H001	14	Yes
RG-TA-06	8/5/2019 8/7/2019	0.54 0.42	08/09/2019	2M-SMA-1.5	E006	4	Yes
			08/12/2019	2M-SMA-1.7	E009	7	Yes
			08/12/2019	M-SMA-3.1	M004	7	Yes
			08/12/2019	M-SMA-3	M003	7	Yes
			08/12/2019	2M-SMA-1.8	E010	7	Yes
			08/13/2019	PJ-SMA-11	J013	8	Yes
			08/13/2019	PJ-SMA-11.1	J014	8	Yes
			08/13/2019	PJ-SMA-10	J012	8	Yes
			08/13/2019	PJ-SMA-7	J008	8	Yes
			08/13/2019	2M-SMA-1.67	E008	8	Yes
			08/14/2019	2M-SMA-1.44	E004	9	Yes
			08/16/2019	PJ-SMA-9	J010	11	Yes
			08/16/2019	PJ-SMA-8	J009	11	Yes
			08/16/2019	PJ-SMA-6	J007	11	Yes
			08/16/2019	2M-SMA-1.65	E007	11	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG-TA-06	8/7/2019	0.42	08/16/2019	2M-SMA-2.5	E015	9	Yes
			08/16/2019	2M-SMA-3	E014	9	Yes
			08/20/2019	2M-SMA-1.43	E003	13	Yes
			08/20/2019	PJ-SMA-5	J005	13	Yes
			08/20/2019	PJ-SMA-5.1	J006	13	Yes
			08/20/2019	2M-SMA-1.42	E002	13	Yes
			08/20/2019	2M-SMA-1.45	E005	13	Yes
RG-TA-06	8/20/2019	0.25	08/23/2019	2M-SMA-1.5	E006	3	Yes
			08/23/2019	2M-SMA-1.67	E008	3	Yes
			08/26/2019	M-SMA-3	M003	6	Yes
			08/26/2019	M-SMA-3.1	M004	6	Yes
			08/27/2019	2M-SMA-1.7	E009	7	Yes
			08/27/2019	2M-SMA-1.8	E010	7	Yes
			08/27/2019	2M-SMA-1.44	E004	7	Yes
			08/27/2019	3M-SMA-0.2	H001	7	Yes
			08/28/2019	PJ-SMA-11.1	J014	8	Yes
			08/28/2019	PJ-SMA-11	J013	8	Yes
			08/28/2019	PJ-SMA-10	J012	8	Yes
			08/28/2019	2M-SMA-2.5	E015	8	Yes
			08/28/2019	PJ-SMA-8	J009	8	Yes
			08/28/2019	PJ-SMA-7	J008	8	Yes
			08/28/2019	PJ-SMA-6	J007	8	Yes
			08/28/2019	2M-SMA-1.65	E007	8	Yes
			08/28/2019	2M-SMA-3	E014	8	Yes
			08/29/2019	PJ-SMA-9	J010	9	Yes
			09/03/2019	2M-SMA-1.43	E003	14	Yes
			09/03/2019	PJ-SMA-5	J005	14	Yes
			09/03/2019	PJ-SMA-5.1	J006	14	Yes
			09/03/2019	2M-SMA-1.42	E002	14	Yes
			09/03/2019	2M-SMA-1.45	E005	14	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG-TA-53	7/26/2019	0.76	07/30/2019	S-SMA-5	S013	4	Yes
			07/31/2019	S-SMA-5.2	S014	4	Yes
			07/31/2019	DP-SMA-4	D008	5	Yes
			08/09/2019	LA-SMA-10.11	L030	14	Yes
			08/09/2019	LA-SMA-10.12	L030A	14	Yes
			08/09/2019	S-SMA-4.1	S011	14	Yes
			08/09/2019	S-SMA-6	S016	14	Yes
			08/09/2019	S-SMA-5.5	S015	14	Yes
			08/09/2019	B-SMA-0.5	B001	14	Yes
			08/09/2019	P-SMA-0.3	P004	14	Yes
			08/09/2019	LA-SMA-9	L029	14	Yes
RG-TA-53	10/4/2019	0.26	10/10/2019	DP-SMA-4	D008	6	Yes
			10/10/2019	LA-SMA-9	L029	6	Yes
			10/10/2019	S-SMA-6	S016	6	Yes
			10/10/2019	S-SMA-5.5	S015	6	Yes
			10/10/2019	S-SMA-5	S013	6	Yes
			10/10/2019	S-SMA-5.2	S014	6	Yes
			10/10/2019	S-SMA-4.1	S011	6	Yes
			10/10/2019	LA-SMA-10.11	L030	6	Yes
			10/10/2019	LA-SMA-10.12	L030A	6	Yes
			10/18/2019	P-SMA-0.3	P004	14	Yes
			10/18/2019	B-SMA-0.5	B001	14	Yes
RG-TA-54	4/29/2019	0.34	05/08/2019	PJ-SMA-17	J024	9	Yes
			05/08/2019	CDB-SMA-4	C010	9	Yes
			05/08/2019	PJ-SMA-18	J026	9	Yes
			05/08/2019	PJ-SMA-19	J025	9	Yes
			05/08/2019	PJ-SMA-20	J027	9	Yes
			05/08/2019	PJ-SMA-16	J023	9	Yes
RG-TA-54	7/25/2019	0.64	08/07/2019	PJ-SMA-16	J023	13	Yes
			08/08/2019	PJ-SMA-17	J024	14	Yes
			08/08/2019	CDB-SMA-4	C010	14	Yes
			08/08/2019	PJ-SMA-18	J026	14	Yes
			08/08/2019	PJ-SMA-19	J025	14	Yes
			08/08/2019	PJ-SMA-20	J027	14	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG038	3/12/2019	0.27	03/19/2019	LA-SMA-5.31	L015	7	Yes
			03/19/2019	LA-SMA-5.51	L018	7	Yes
			03/19/2019	LA-SMA-5.52	L018A	7	Yes
			03/19/2019	LA-SMA-5.54	L018C	7	Yes
			03/19/2019	LA-SMA-5.53	L018B	7	Yes
			03/20/2019	R-SMA-1.95	R003	8	Yes
			03/20/2019	R-SMA-2.3	R005	8	Yes
			03/20/2019	LA-SMA-5.361	L017	8	Yes
			03/20/2019	LA-SMA-5.362	L017A	8	Yes
			03/20/2019	LA-SMA-5.33	L016	8	Yes
RG038	7/25/2019	0.31	08/01/2019	LA-SMA-5.53	L018B	7	Yes
RG038	7/25/2019 7/26/2019	0.31 0.65	07/30/2019	P-SMA-2.2	P008	5	Yes
			07/31/2019	LA-SMA-5.91	L019	6	Yes
			07/31/2019	LA-SMA-5.92	L019A	6	Yes
			07/31/2019	LA-SMA-6.32	L023	6	Yes
			08/01/2019	LA-SMA-5.51	L018	7	Yes
			08/01/2019	LA-SMA-5.52	L018A	7	Yes
			08/01/2019	LA-SMA-5.54	L018C	7	Yes
			08/02/2019	P-SMA-1	P005	7	Yes
			08/02/2019	P-SMA-2.15	P007	7	Yes
			08/02/2019	P-SMA-2	P006	7	Yes
			08/02/2019	LA-SMA-5.362	L017A	8	Yes
			08/02/2019	LA-SMA-5.361	L017	8	Yes
			08/02/2019	LA-SMA-5.33	L016	8	Yes
			08/05/2019	R-SMA-1.95	R003	11	Yes
			08/06/2019	R-SMA-2.3	R005	11	Yes
			08/05/2019	LA-SMA-5.31	L015	11	Yes
			08/05/2019	DP-SMA-0.3	D001	11	Yes
			08/06/2019	R-SMA-2.5	R006	12	Yes
			08/07/2019	LA-SMA-6.34	L024	13	Yes
			08/07/2019	LA-SMA-6.25	L020	13	Yes
			08/07/2019	LA-SMA-6.27	L021	13	Yes
			08/07/2019	LA-SMA-6.3	L022	13	Yes
			08/07/2019	LA-SMA-6.31	L022A	13	Yes
			08/07/2019	LA-SMA-6.38	L026	13	Yes
			08/07/2019	LA-SMA-6.36	L025	13	Yes
			08/07/2019	LA-SMA-6.395	L027	13	Yes
			08/07/2019	DP-SMA-0.4	D002	13	Yes
			08/07/2019	DP-SMA-0.6	D003	13	Yes
			08/07/2019	DP-SMA-2.35	D006	13	Yes
			08/07/2019	DP-SMA-3	D007	13	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG038	7/25/2019 7/26/2019 8/7/2019	0.31 0.65 0.82	08/08/2019	LA-SMA-6.5	L028	13	Yes
			08/08/2019	DP-SMA-1	D004	13	Yes
			08/08/2019	DP-SMA-2	D005	13	Yes
RG038	8/7/2019 8/9/2019	0.82 0.42	08/13/2019	P-SMA-2.2	P008	5	Yes
			08/13/2019	P-SMA-2.15	P007	6	Yes
			08/13/2019	P-SMA-2	P006	6	Yes
			08/13/2019	LA-SMA-5.362	L017A	6	Yes
			08/13/2019	LA-SMA-5.361	L017	6	Yes
			08/13/2019	LA-SMA-5.33	L016	6	Yes
			08/14/2019	DP-SMA-0.4	D002	7	Yes
			08/14/2019	DP-SMA-2.35	D006	7	Yes
			08/14/2019	R-SMA-2.5	R006	7	Yes
			08/15/2019	DP-SMA-3	D007	8	Yes
			08/15/2019	LA-SMA-6.395	L027	8	Yes
			08/15/2019	LA-SMA-6.38	L026	8	Yes
			08/15/2019	LA-SMA-6.36	L025	8	Yes
			08/15/2019	LA-SMA-6.34	L024	8	Yes
			08/15/2019	LA-SMA-6.32	L023	8	Yes
			08/15/2019	LA-SMA-6.31	L022A	8	Yes
			08/15/2019	LA-SMA-6.3	L022	8	Yes
			08/15/2019	LA-SMA-6.27	L021	8	Yes
			08/15/2019	LA-SMA-6.25	L020	8	Yes
			08/15/2019	DP-SMA-0.6	D003	8	Yes
			08/16/2019	LA-SMA-5.92	L019A	9	Yes
			08/16/2019	LA-SMA-5.91	L019	9	Yes
			08/19/2019	LA-SMA-5.31	L015	12	Yes
			08/19/2019	LA-SMA-5.51	L018	12	Yes
			08/19/2019	LA-SMA-5.52	L018A	12	Yes
			08/19/2019	LA-SMA-5.54	L018C	12	Yes
			08/19/2019	LA-SMA-5.53	L018B	12	Yes
			08/19/2019	DP-SMA-0.3	D001	12	Yes
			08/20/2019	R-SMA-1.95	R003	13	Yes
			08/20/2019	R-SMA-2.3	R005	13	Yes
			08/20/2019	P-SMA-1	P005	13	Yes
RG038	8/9/2019	0.42	08/14/2019	DP-SMA-1	D004	5	Yes
			08/14/2019	DP-SMA-2	D005	5	Yes
			08/15/2019	LA-SMA-6.5	L028	6	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG055.5	3/12/2019	0.27	03/18/2019	ACID-SMA-2.1	P003	3	Yes
			03/18/2019	ACID-SMA-2	P002	3	Yes
			03/15/2019	ACID-SMA-2.01	P002A	3	Yes
			03/15/2019	ACID-SMA-1.05	P001	3	Yes
			03/18/2019	LA-SMA-3.1	L008	6	Yes
			03/18/2019	LA-SMA-3.9	L009	6	Yes
			03/18/2019	LA-SMA-4.1	L010	6	Yes
			03/18/2019	LA-SMA-4.2	L011	6	Yes
			03/18/2019	LA-SMA-5.01	L012	6	Yes
			03/18/2019	LA-SMA-5.02	L012A	6	Yes
			03/18/2019	P-SMA-3.05	P009	6	Yes
			03/19/2019	LA-SMA-5.2	L013	7	Yes
			03/19/2019	LA-SMA-5.35	L014	7	Yes
			03/19/2019	LA-SMA-2.1	L006	7	Yes
			03/19/2019	LA-SMA-2.3	L007	7	Yes
			03/20/2019	B-SMA-1	B002	8	Yes
RG055.5	7/14/2019	0.32	07/17/2019	LA-SMA-5.2	L013	3	Yes
			07/22/2019	ACID-SMA-2	P002	8	Yes
			07/22/2019	ACID-SMA-2.01	P002A	8	Yes
			07/22/2019	ACID-SMA-2.1	P003	8	Yes
			07/22/2019	ACID-SMA-1.05	P001	8	Yes
			07/23/2019	P-SMA-3.05	P009	9	Yes
			07/24/2019	LA-SMA-3.1	L008	10	Yes
			07/24/2019	LA-SMA-3.9	L009	10	Yes
			07/24/2019	LA-SMA-4.1	L010	10	Yes
			07/24/2019	LA-SMA-5.01	L012	10	Yes
			07/24/2019	LA-SMA-5.02	L012A	10	Yes
			07/24/2019	LA-SMA-4.2	L011	10	Yes
			07/24/2019	B-SMA-1	B002	10	Yes
			07/25/2019	LA-SMA-5.35	L014	11	Yes
			07/25/2019	LA-SMA-2.1	L006	11	Yes
			07/25/2019	LA-SMA-2.3	L007	11	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG055.5	7/25/2019 7/26/2019	0.46 0.53	07/31/2019	ACID-SMA-2	P002	6	Yes
			07/31/2019	ACID-SMA-2.1	P003	6	Yes
			08/05/2019	LA-SMA-5.2	L013	11	Yes
			08/05/2019	LA-SMA-5.35	L014	11	Yes
			08/05/2019	LA-SMA-2.1	L006	11	Yes
			08/05/2019	LA-SMA-2.3	L007	11	Yes
			08/07/2019	P-SMA-3.05	P009	13	Yes
			08/07/2019	ACID-SMA-1.05	P001	13	Yes
			08/07/2019	ACID-SMA-2.01	P002A	13	Yes
RG055.5	7/25/2019 7/26/2019 8/7/2019	0.46 0.53 0.73	08/08/2019	LA-SMA-3.1	L008	14	Yes
			08/08/2019	LA-SMA-3.9	L009	14	Yes
			08/08/2019	LA-SMA-4.2	L011	14	Yes
			08/08/2019	LA-SMA-5.01	L012	14	Yes
			08/08/2019	LA-SMA-5.02	L012A	14	Yes
			08/08/2019	LA-SMA-4.1	L010	14	Yes
			08/08/2019	B-SMA-1	B002	14	Yes
RG055.5	8/7/2019	0.73	08/16/2019	ACID-SMA-2.01	P002A	9	Yes
			08/16/2019	ACID-SMA-2.1	P003	9	Yes
			08/16/2019	ACID-SMA-2	P002	9	Yes
			08/16/2019	ACID-SMA-1.05	P001	9	Yes
			08/19/2019	LA-SMA-5.2	L013	12	Yes
			08/19/2019	LA-SMA-5.35	L014	12	Yes
			08/19/2019	LA-SMA-2.1	L006	12	Yes
			08/19/2019	LA-SMA-2.3	L007	12	Yes
			08/20/2019	P-SMA-3.05	P009	13	Yes
RG055.5	10/3/2019	0.27	10/09/2019	ACID-SMA-2.01	P002A	6	Yes
			10/09/2019	ACID-SMA-2.1	P003	6	Yes
			10/09/2019	ACID-SMA-2	P002	6	Yes
			10/11/2019	ACID-SMA-1.05	P001	8	Yes
			10/16/2019	B-SMA-1	B002	13	Yes
			10/17/2019	LA-SMA-3.9	L009	14	Yes
			10/17/2019	LA-SMA-4.2	L011	14	Yes
			10/17/2019	LA-SMA-3.1	L008	14	Yes
			10/17/2019	LA-SMA-4.1	L010	14	Yes
			10/17/2019	LA-SMA-5.02	L012A	14	Yes
			10/17/2019	LA-SMA-5.01	L012	14	Yes
			10/17/2019	LA-SMA-2.1	L006	14	Yes
			10/17/2019	LA-SMA-2.3	L007	14	Yes
			10/17/2019	P-SMA-3.05	P009	14	Yes
			10/17/2019	LA-SMA-5.35	L014	14	Yes
			10/17/2019	LA-SMA-5.2	L013	14	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG121.9	3/12/2019	0.27	03/14/2019	S-SMA-1.1	S002	2	Yes
			03/14/2019	S-SMA-2.8	S004	2	Yes
			03/14/2019	S-SMA-3.53	S005B	2	Yes
			03/14/2019	S-SMA-3.51	S005	2	Yes
			03/14/2019	S-SMA-3.52	S005A	2	Yes
			03/14/2019	S-SMA-0.25	S001	2	Yes
			03/14/2019	S-SMA-2.01	S003A	2	Yes
			03/15/2019	LA-SMA-1.25	L005	3	Yes
			03/15/2019	LA-SMA-1.1	L004	3	Yes
			03/15/2019	LA-SMA-1	L003	3	Yes
			03/18/2019	M-SMA-1.2	M002	6	Yes
			03/18/2019	M-SMA-1	M001	6	Yes
			03/18/2019	M-SMA-1.21	M002A	6	Yes
			03/18/2019	M-SMA-1.22	M002B	6	Yes
			03/18/2019	S-SMA-3.6	S006	6	Yes
			03/18/2019	S-SMA-2	S003	6	Yes
			03/19/2019	LA-SMA-0.9	L002	7	Yes
			03/20/2019	LA-SMA-0.85	L001	8	Yes
			03/21/2019	2M-SMA-2	E012	8	Yes
			03/21/2019	2M-SMA-2.2	E013	9	Yes
			03/21/2019	2M-SMA-1.9	E011	9	Yes
			03/21/2019	2M-SMA-1	E001	9	Yes
RG121.9	7/15/2019	0.51	07/22/2019	M-SMA-1.2	M002	7	Yes
			07/22/2019	M-SMA-1.21	M002A	7	Yes
			07/22/2019	M-SMA-1.22	M002B	7	Yes
			07/22/2019	M-SMA-1	M001	7	Yes
			07/22/2019	2M-SMA-1	E001	7	Yes
			07/22/2019	2M-SMA-1.9	E011	7	Yes
			07/22/2019	2M-SMA-2	E012	7	Yes
			07/22/2019	2M-SMA-2.2	E013	7	Yes
			07/25/2019	LA-SMA-1.25	L005	10	Yes
			07/25/2019	LA-SMA-1	L003	10	Yes
			07/25/2019	LA-SMA-0.9	L002	10	Yes
			07/25/2019	S-SMA-0.25	S001	10	Yes
			07/25/2019	S-SMA-3.52	S005A	10	Yes
			07/25/2019	S-SMA-3.51	S005	10	Yes
			07/25/2019	LA-SMA-1.1	L004	10	Yes
			07/25/2019	S-SMA-2.8	S004	10	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG121.9	7/15/2019 7/25/2019	0.51 0.42	07/26/2019	S-SMA-1.1	S002	11	Yes
			07/26/2019	S-SMA-2	S003	11	Yes
			07/26/2019	S-SMA-2.01	S003A	11	Yes
			07/26/2019	S-SMA-3.53	S005B	11	Yes
			07/26/2019	S-SMA-3.6	S006	11	Yes
RG121.9	7/25/2019 7/26/2019	0.42 0.35	07/30/2019	S-SMA-2.8	S004	5	Yes
			07/30/2019	S-SMA-3.51	S005	5	Yes
			07/30/2019	S-SMA-3.52	S005A	5	Yes
			07/30/2019	S-SMA-0.25	S001	5	Yes
			08/01/2019	2M-SMA-2.2	E013	7	Yes
			08/01/2019	2M-SMA-2	E012	7	Yes
			08/02/2019	M-SMA-1	M001	8	Yes
			08/02/2019	M-SMA-1.22	M002B	8	Yes
			08/02/2019	M-SMA-1.2	M002	8	Yes
			08/02/2019	M-SMA-1.21	M002A	8	Yes
			08/02/2019	2M-SMA-1	E001	8	Yes
			08/02/2019	2M-SMA-1.9	E011	8	Yes
			08/05/2019	LA-SMA-1	L003	11	Yes
			08/05/2019	LA-SMA-0.9	L002	11	Yes
			08/05/2019	LA-SMA-1.25	L005	11	Yes
			08/05/2019	LA-SMA-1.1	L004	11	Yes
RG121.9	7/15/2019 7/25/2019 7/26/2019	0.51 0.42 0.35	07/29/2019	LA-SMA-0.85	L001	14	Yes
RG121.9	7/26/2019	0.35	07/30/2019	S-SMA-3.53	S005B	4	Yes
			08/01/2019	S-SMA-2	S003	6	Yes
			08/01/2019	S-SMA-2.01	S003A	6	Yes
			08/01/2019	S-SMA-1.1	S002	6	Yes
			08/01/2019	S-SMA-3.6	S006	6	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG121.9	8/7/2019	0.48	08/14/2019	S-SMA-2.8	S004	7	Yes
			08/14/2019	S-SMA-3.53	S005B	7	Yes
			08/14/2019	S-SMA-3.51	S005	7	Yes
			08/14/2019	S-SMA-3.52	S005A	7	Yes
			08/14/2019	S-SMA-2	S003	7	Yes
			08/15/2019	S-SMA-1.1	S002	8	Yes
			08/15/2019	S-SMA-0.25	S001	8	Yes
			08/15/2019	LA-SMA-0.85	L001	8	Yes
			08/16/2019	M-SMA-1	M001	9	Yes
			08/16/2019	M-SMA-1.2	M002	9	Yes
			08/16/2019	M-SMA-1.21	M002A	9	Yes
			08/16/2019	M-SMA-1.22	M002B	9	Yes
			08/19/2019	LA-SMA-0.9	L002	12	Yes
			08/19/2019	LA-SMA-1.25	L005	12	Yes
			08/19/2019	LA-SMA-1.1	L004	12	Yes
			08/19/2019	LA-SMA-1	L003	12	Yes
			08/19/2019	S-SMA-3.6	S006	12	Yes
			08/19/2019	S-SMA-2.01	S003A	12	Yes
			08/20/2019	2M-SMA-1	E001	13	Yes
			08/20/2019	2M-SMA-1.9	E011	13	Yes
			08/20/2019	2M-SMA-2	E012	13	Yes
			08/20/2019	2M-SMA-2.2	E013	13	Yes
RG121.9	9/1/2019	0.63	09/04/2019	M-SMA-1.22	M002B	3	Yes
			09/04/2019	M-SMA-1.21	M002A	3	Yes
			09/04/2019	M-SMA-1.2	M002	3	Yes
			09/04/2019	M-SMA-1	M001	3	Yes
			09/05/2019	LA-SMA-0.9	L002	4	Yes
			09/05/2019	LA-SMA-1	L003	4	Yes
			09/05/2019	LA-SMA-1.25	L005	4	Yes
			09/05/2019	LA-SMA-1.1	L004	4	Yes
			09/05/2019	LA-SMA-0.85	L001	4	Yes
			09/06/2019	2M-SMA-1	E001	5	Yes
			09/06/2019	2M-SMA-1.9	E011	5	Yes
			09/06/2019	2M-SMA-2	E012	5	Yes
			09/06/2019	2M-SMA-2.2	E013	5	Yes
			09/12/2019	S-SMA-0.25	S001	11	Yes
			09/12/2019	S-SMA-1.1	S002	11	Yes
			09/12/2019	S-SMA-2.01	S003A	11	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG121.9	9/1/2019	0.63	09/12/2019	S-SMA-2.8	S004	11	Yes
			09/12/2019	S-SMA-3.53	S005B	11	Yes
			09/12/2019	S-SMA-3.51	S005	11	Yes
			09/12/2019	S-SMA-3.52	S005A	11	Yes
			09/13/2019	S-SMA-3.6	S006	12	Yes
			09/13/2019	S-SMA-2	S003	12	Yes
RG121.9	10/3/2019	0.28	10/10/2019	2M-SMA-1.9	E011	7	Yes
			10/10/2019	2M-SMA-2	E012	7	Yes
			10/10/2019	2M-SMA-2.2	E013	7	Yes
			10/10/2019	2M-SMA-1	E001	7	Yes
			10/10/2019	S-SMA-3.51	S005	7	Yes
			10/10/2019	S-SMA-3.52	S005A	7	Yes
			10/15/2019	M-SMA-1	M001	12	Yes
			10/15/2019	M-SMA-1.2	M002	12	Yes
			10/15/2019	M-SMA-1.21	M002A	12	Yes
			10/15/2019	M-SMA-1.22	M002B	12	Yes
			10/16/2019	LA-SMA-0.85	L001	13	Yes
			10/16/2019	LA-SMA-1.1	L004	13	Yes
			10/16/2019	LA-SMA-1	L003	13	Yes
			10/16/2019	LA-SMA-1.25	L005	13	Yes
			10/16/2019	LA-SMA-0.9	L002	13	Yes
			10/17/2019	S-SMA-1.1	S002	14	Yes
			10/17/2019	S-SMA-2	S003	14	Yes
			10/17/2019	S-SMA-2.01	S003A	14	Yes
			10/17/2019	S-SMA-2.8	S004	14	Yes
			10/17/2019	S-SMA-3.53	S005B	14	Yes
			10/17/2019	S-SMA-3.6	S006	14	Yes
			10/17/2019	S-SMA-0.25	S001	14	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG200.5	3/12/2019	0.27	03/14/2019	M-SMA-3.5	M005	2	Yes
			03/14/2019	M-SMA-4	M006	2	Yes
			03/21/2019	T-SMA-1	T002	9	Yes
			03/21/2019	CDB-SMA-0.15	C001	9	Yes
			03/21/2019	T-SMA-5	T007	9	Yes
			03/21/2019	Pratt-SMA-1.05	T001	9	Yes
			03/21/2019	T-SMA-4	T006	9	Yes
			03/21/2019	T-SMA-2.5	T003	9	Yes
			03/21/2019	T-SMA-2.85	T004	9	Yes
			03/21/2019	M-SMA-6	M008	9	Yes
			03/26/2019	M-SMA-9.1	M011	13	Yes
			03/25/2019	M-SMA-10.01	M012A	13	Yes
			03/26/2019	M-SMA-10	M012	13	Yes
			03/25/2019	M-SMA-10.3	M013	13	Yes
			03/25/2019	M-SMA-11.1	M014	13	Yes
			03/25/2019	M-SMA-12	M015	13	Yes
			03/25/2019	M-SMA-7.9	M010	13	Yes
			03/26/2019	M-SMA-7	M009	13	Yes
			03/26/2019	M-SMA-5	M007	14	Yes
			03/26/2019	T-SMA-3	T005	14	Yes
RG200.5	7/2/2019	0.44	07/09/2019	T-SMA-1	T002	7	Yes
			07/09/2019	T-SMA-4	T006	7	Yes
			07/09/2019	T-SMA-5	T007	7	Yes
			07/09/2019	T-SMA-2.5	T003	7	Yes
			07/09/2019	T-SMA-2.85	T004	7	Yes
			07/11/2019	T-SMA-6.8	T008	9	Yes
			07/11/2019	T-SMA-7	T009	9	Yes
			07/11/2019	T-SMA-7.1	T010	9	Yes
			07/11/2019	Pratt-SMA-1.05	T001	9	Yes
			07/11/2019	T-SMA-3	T005	9	Yes
			07/11/2019	M-SMA-4	M006	9	Yes
			07/11/2019	M-SMA-3.5	M005	9	Yes
			07/12/2019	M-SMA-5	M007	10	Yes
			07/12/2019	M-SMA-6	M008	10	Yes
			07/12/2019	M-SMA-7	M009	10	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG200.5	7/2/2019 7/14/2019	0.44 0.28	07/15/2019	M-SMA-7.9	M010	13	Yes
			07/15/2019	M-SMA-9.1	M011	13	Yes
			07/15/2019	M-SMA-10	M012	13	Yes
			07/15/2019	M-SMA-10.01	M012A	13	Yes
			07/15/2019	M-SMA-10.3	M013	13	Yes
			07/15/2019	M-SMA-11.1	M014	13	Yes
			07/15/2019	M-SMA-12	M015	13	Yes
			07/15/2019	CDB-SMA-0.15	C001	13	Yes
RG200.5	7/14/2019	0.28	07/17/2019	T-SMA-1	T002	3	Yes
			07/18/2019	M-SMA-5	M007	4	Yes
			07/19/2019	T-SMA-2.5	T003	5	Yes
			07/24/2019	M-SMA-4	M006	10	Yes
			07/24/2019	M-SMA-3.5	M005	10	Yes
			07/26/2019	T-SMA-3	T005	12	Yes
			07/26/2019	T-SMA-4	T006	12	Yes
			07/26/2019	T-SMA-5	T007	12	Yes
			07/26/2019	M-SMA-7	M009	12	Yes
			07/26/2019	Pratt-SMA-1.05	T001	12	Yes
			07/26/2019	T-SMA-2.85	T004	12	Yes
			07/26/2019	T-SMA-7	T009	12	Yes
			07/26/2019	T-SMA-7.1	T010	12	Yes
			07/26/2019	T-SMA-6.8	T008	12	Yes
RG200.5	7/14/2019 7/25/2019 7/26/2019	0.28 0.53 0.96	08/09/2019	M-SMA-6	M008	38	No
RG200.5	7/25/2019 7/26/2019	0.53 0.96	07/30/2019	M-SMA-3.5	M005	5	Yes
			07/30/2019	M-SMA-4	M006	5	Yes
			07/31/2019	T-SMA-1	T002	6	Yes
			07/31/2019	M-SMA-5	M007	6	Yes
			07/31/2019	T-SMA-3	T005	6	Yes
			08/01/2019	T-SMA-5	T007	7	Yes
			08/01/2019	T-SMA-2.85	T004	7	Yes
			08/01/2019	T-SMA-2.5	T003	7	Yes
			08/01/2019	T-SMA-4	T006	7	Yes
			08/01/2019	M-SMA-12	M015	7	Yes
			08/01/2019	Pratt-SMA-1.05	T001	7	Yes
			08/01/2019	T-SMA-6.8	T008	7	Yes
			08/02/2019	M-SMA-7	M009	8	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG200.5	7/25/2019 7/26/2019	0.53 0.96	08/02/2019	M-SMA-9.1	M011	8	Yes
			08/02/2019	M-SMA-11.1	M014	8	Yes
			08/06/2019	T-SMA-7	T009	12	Yes
			08/06/2019	T-SMA-7.1	T010	12	Yes
			08/06/2019	M-SMA-10.3	M013	12	Yes
			08/07/2019	M-SMA-10	M012	12	Yes
			08/06/2019	M-SMA-10.01	M012A	12	Yes
			08/07/2019	CDB-SMA-0.15	C001	13	Yes
			08/08/2019	M-SMA-7.9	M010	14	Yes
RG200.5	8/9/2019	0.34	08/19/2019	T-SMA-1	T002	10	Yes
			08/19/2019	M-SMA-5	M007	10	Yes
			08/19/2019	M-SMA-11.1	M014	10	Yes
			08/19/2019	M-SMA-12	M015	10	Yes
			08/19/2019	T-SMA-5	T007	10	Yes
			08/19/2019	T-SMA-4	T006	10	Yes
			08/19/2019	T-SMA-3	T005	10	Yes
			08/19/2019	T-SMA-2.85	T004	10	Yes
			08/19/2019	T-SMA-2.5	T003	10	Yes
			08/19/2019	M-SMA-10.3	M013	10	Yes
			08/19/2019	M-SMA-10.01	M012A	10	Yes
			08/19/2019	M-SMA-10	M012	10	Yes
			08/19/2019	M-SMA-9.1	M011	10	Yes
			08/19/2019	Pratt-SMA-1.05	T001	10	Yes
			08/19/2019	T-SMA-7	T009	10	Yes
			08/19/2019	T-SMA-7.1	T010	10	Yes
			08/19/2019	CDB-SMA-0.15	C001	10	Yes
			08/19/2019	T-SMA-6.8	T008	10	Yes
			08/20/2019	M-SMA-4	M006	11	Yes
			08/20/2019	M-SMA-3.5	M005	11	Yes
			08/21/2019	M-SMA-6	M008	12	Yes
			08/21/2019	M-SMA-7	M009	12	Yes
			08/21/2019	M-SMA-7.9	M010	12	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG203	7/22/2019 7/25/2019 7/26/2019	0.27 0.41 0.89	07/29/2019	S-SMA-4.5	S012	7	Yes
			07/30/2019	S-SMA-3.95	S010	8	Yes
			07/30/2019	M-SMA-12.92	M021	8	Yes
			07/30/2019	M-SMA-12.7	M018	8	Yes
			07/30/2019	M-SMA-12.8	M019	8	Yes
			07/30/2019	M-SMA-12.9	M020	8	Yes
			07/31/2019	M-SMA-12.5	M016	9	Yes
			07/31/2019	M-SMA-12.6	M017	9	Yes
			07/31/2019	M-SMA-13	M022	9	Yes
			07/31/2019	S-SMA-3.72	S009	9	Yes
			07/31/2019	S-SMA-3.7	S007	9	Yes
			07/31/2019	S-SMA-3.71	S008	9	Yes
RG203	8/9/2019	0.27	08/15/2019	M-SMA-12.5	M016	6	Yes
			08/15/2019	M-SMA-12.6	M017	6	Yes
			08/15/2019	M-SMA-12.92	M021	6	Yes
			08/15/2019	M-SMA-13	M022	6	Yes
			08/15/2019	M-SMA-12.7	M018	6	Yes
			08/15/2019	M-SMA-12.8	M019	6	Yes
			08/15/2019	M-SMA-12.9	M020	6	Yes
			08/21/2019	S-SMA-4.5	S012	12	Yes
			08/21/2019	S-SMA-3.95	S010	12	Yes
			08/21/2019	S-SMA-3.72	S009	12	Yes
			08/21/2019	S-SMA-3.7	S007	12	Yes
			08/21/2019	S-SMA-3.71	S008	12	Yes
RG203	10/4/2019	0.26	10/10/2019	S-SMA-3.95	S010	6	Yes
			10/10/2019	S-SMA-4.5	S012	6	Yes
			10/10/2019	S-SMA-3.7	S007	6	Yes
			10/10/2019	S-SMA-3.71	S008	6	Yes
			10/10/2019	S-SMA-3.72	S009	6	Yes
			10/10/2019	M-SMA-12.5	M016	6	Yes
			10/10/2019	M-SMA-12.6	M017	6	Yes
			10/15/2019	M-SMA-12.92	M021	11	Yes
			10/15/2019	M-SMA-13	M022	11	Yes
			10/15/2019	M-SMA-12.9	M020	11	Yes
			10/15/2019	M-SMA-12.8	M019	11	Yes
			10/15/2019	M-SMA-12.7	M018	11	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG240	3/12/2019	0.27	03/20/2019	STRM-SMA-4.2	J030	8	Yes
			03/20/2019	STRM-SMA-5.05	J031	8	Yes
			03/20/2019	PJ-SMA-1.05	J001	8	Yes
			03/21/2019	STRM-SMA-1.05	J028	9	Yes
			03/21/2019	STRM-SMA-1.5	J029	9	Yes
RG240	7/7/2019	0.46	07/11/2019	STRM-SMA-4.2	J030	4	Yes
			07/11/2019	STRM-SMA-5.05	J031	4	Yes
			07/11/2019	PJ-SMA-1.05	J001	4	Yes
RG240	7/7/2019 7/14/2019 7/15/2019	0.46 0.68 0.28	07/16/2019	STRM-SMA-1.5	J028	9	Yes
			07/19/2019	STRM-SMA-1.05	J028	12	Yes
RG240	7/14/2019 7/15/2019	0.68 0.28	07/17/2019	PJ-SMA-1.05	J001	3	Yes
			07/22/2019	STRM-SMA-4.2	J030	8	Yes
			07/22/2019	STRM-SMA-5.05	J031	8	Yes
RG240	7/25/2019	0.44	07/30/2019	PJ-SMA-1.05	J001	5	Yes
			08/02/2019	STRM-SMA-1.05	J028	8	Yes
			08/02/2019	STRM-SMA-1.5	J029	8	Yes
			08/07/2019	STRM-SMA-5.05	J031	13	Yes
			08/07/2019	STRM-SMA-4.2	J030	13	Yes
RG240	8/20/2019	0.45	08/26/2019	PJ-SMA-1.05	J001	6	Yes
			08/27/2019	STRM-SMA-4.2	J030	7	Yes
			08/27/2019	STRM-SMA-5.05	J031	7	Yes
			08/28/2019	STRM-SMA-1.05	J028	8	Yes
			08/28/2019	STRM-SMA-1.5	J029	8	Yes
RG240	9/1/2019	0.55	09/05/2019	STRM-SMA-1.05	J028	4	Yes
			09/05/2019	STRM-SMA-1.5	J029	4	Yes
			09/10/2019	PJ-SMA-1.05	J001	9	Yes
			09/12/2019	STRM-SMA-4.2	J030	11	Yes
			09/12/2019	STRM-SMA-5.05	J031	11	Yes
RG240	10/3/2019	0.26	10/07/2019	STRM-SMA-1.05	J028	4	Yes
			10/07/2019	STRM-SMA-1.5	J029	4	Yes
			10/09/2019	PJ-SMA-1.05	J001	6	Yes
			10/17/2019	STRM-SMA-5.05	J031	14	Yes
			10/17/2019	STRM-SMA-4.2	J030	14	Yes
RG245.5	3/12/2019	0.27	03/20/2019	3M-SMA-0.6	H004	8	Yes
			03/21/2019	3M-SMA-2.6	H005	9	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG245.5	7/25/2019 7/26/2019	0.35 0.44	07/31/2019	PJ-SMA-14.6	J021	6	Yes
			07/31/2019	PJ-SMA-14.3	J019	6	Yes
			07/31/2019	PJ-SMA-14.4	J020	6	Yes
			07/31/2019	PJ-SMA-13	J015	6	Yes
			07/31/2019	PJ-SMA-14.2	J018	6	Yes
			07/31/2019	PJ-SMA-13.7	J016	6	Yes
			07/31/2019	3M-SMA-4	H006	6	Yes
			07/31/2019	3M-SMA-2.6	H005	6	Yes
			08/06/2019	3M-SMA-0.6	H004	12	Yes
			08/06/2019	CDB-SMA-1.35	C006	12	Yes
			08/06/2019	CDB-SMA-1.54	C007	12	Yes
			08/06/2019	CDB-SMA-1.15	C005	12	Yes
			08/06/2019	CDB-SMA-0.25	C002	12	Yes
			08/06/2019	CDB-SMA-0.55	C003	12	Yes
			08/06/2019	CDB-SMA-1.55	C008	12	Yes
			08/06/2019	CDB-SMA-1.65	C009	12	Yes
			08/08/2019	CDB-SMA-1	C004	14	Yes
			08/09/2019	PJ-SMA-14.8	J022	15	Yes
			08/09/2019	PJ-SMA-14	J017	15	Yes
RG253	3/12/2019	0.27	03/16/2019	CDV-SMA-1.7	V005	4	Yes
			03/19/2019	CDV-SMA-1.45	V004	7	Yes
			03/19/2019	CDV-SMA-1.4	V003	7	Yes
			03/19/2019	CDV-SMA-1.2	V001	7	Yes
			03/19/2019	CDV-SMA-1.3	V002	7	Yes
			03/21/2019	PJ-SMA-2	J002	9	Yes
			03/25/2019	W-SMA-1	W001	13	Yes
			03/25/2019	W-SMA-1.5	W002	13	Yes
			03/26/2019	W-SMA-2.05	W003	14	Yes
RG253	6/17/2019	0.25	06/20/2019	CDV-SMA-1.7	V005	3	Yes
			06/24/2019	CDV-SMA-1.2	V001	7	Yes
			06/24/2019	CDV-SMA-1.3	V002	7	Yes
			06/27/2019	CDV-SMA-1.45	V004	10	Yes
			06/27/2019	CDV-SMA-1.4	V003	10	Yes
			06/28/2019	W-SMA-2.05	W003	11	Yes
			06/28/2019	W-SMA-1	W001	11	Yes
			06/28/2019	PJ-SMA-2	J002	11	Yes
			06/28/2019	W-SMA-1.5	W002	11	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG253	7/7/2019	0.52	07/09/2019	PJ-SMA-2	J002	2	Yes
			07/10/2019	CDV-SMA-1.2	V001	3	Yes
			07/10/2019	CDV-SMA-1.3	V002	3	Yes
			07/10/2019	CDV-SMA-1.7	V005	3	Yes
RG253	7/7/2019 7/13/2019 7/15/2019	0.52 0.28 0.62	07/17/2019	CDV-SMA-1.45	V004	10	Yes
			07/17/2019	CDV-SMA-1.4	V003	10	Yes
			07/18/2019	W-SMA-1.5	W002	11	Yes
			07/18/2019	W-SMA-1	W001	11	Yes
			07/18/2019	W-SMA-2.05	W003	11	Yes
RG253	7/13/2019 7/15/2019	0.28 0.62	07/16/2019	CDV-SMA-1.7	V005	3	Yes
			07/17/2019	PJ-SMA-2	J002	4	Yes
			07/23/2019	CDV-SMA-1.3	V002	10	Yes
			07/23/2019	CDV-SMA-1.2	V001	10	Yes
RG253	7/25/2019	0.71	07/30/2019	CDV-SMA-1.7	V005	5	Yes
			07/30/2019	PJ-SMA-2	J002	5	Yes
			08/06/2019	W-SMA-2.05	W003	12	Yes
			08/06/2019	CDV-SMA-1.45	V004	12	Yes
			08/06/2019	CDV-SMA-1.4	V003	12	Yes
			08/06/2019	CDV-SMA-1.2	V001	12	Yes
			08/06/2019	CDV-SMA-1.3	V002	12	Yes
			08/06/2019	W-SMA-1	W001	12	Yes
			08/06/2019	W-SMA-1.5	W002	12	Yes
RG253	8/20/2019	0.29	08/23/2019	CDV-SMA-1.7	V005	3	Yes
			08/29/2019	W-SMA-2.05	W003	9	Yes
			08/29/2019	PJ-SMA-2	J002	9	Yes
			08/29/2019	CDV-SMA-1.45	V004	9	Yes
			08/29/2019	CDV-SMA-1.4	V003	9	Yes
			08/29/2019	CDV-SMA-1.3	V002	9	Yes
			08/29/2019	CDV-SMA-1.2	V001	9	Yes
			08/29/2019	W-SMA-1.5	W002	9	Yes
			08/29/2019	W-SMA-1	W001	9	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG253	9/1/2019	0.41	09/05/2019	CDV-SMA-1.7	V005	4	Yes
			09/09/2019	W-SMA-2.05	W003	8	Yes
			09/10/2019	CDV-SMA-1.4	V003	9	Yes
			09/10/2019	PJ-SMA-2	J002	9	Yes
			09/10/2019	CDV-SMA-1.45	V004	9	Yes
			09/10/2019	CDV-SMA-1.2	V001	9	Yes
			09/10/2019	CDV-SMA-1.3	V002	9	Yes
			09/11/2019	W-SMA-1	W001	10	Yes
			09/11/2019	W-SMA-1.5	W002	10	Yes
RG253	10/3/2019	0.28	10/08/2019	CDV-SMA-1.7	V005	5	Yes
			10/09/2019	PJ-SMA-2	J002	6	Yes
			10/10/2019	CDV-SMA-1.4	V003	7	Yes
			10/10/2019	CDV-SMA-1.45	V004	7	Yes
			10/16/2019	W-SMA-2.05	W003	13	Yes
			10/16/2019	W-SMA-1	W001	13	Yes
			10/16/2019	W-SMA-1.5	W002	13	Yes
			10/17/2019	CDV-SMA-1.2	V001	14	Yes
			10/17/2019	CDV-SMA-1.3	V002	14	Yes
RG257	3/12/2019	0.27	03/16/2019	CDV-SMA-2	V006	4	Yes
			03/19/2019	CDV-SMA-2.41	V008	7	Yes
			03/19/2019	CDV-SMA-2.42	V008A	7	Yes
			03/19/2019	CDV-SMA-2.5	V009	7	Yes
			03/19/2019	CDV-SMA-2.51	V009A	7	Yes
			03/19/2019	CDV-SMA-2.3	V007	7	Yes
			03/19/2019	W-SMA-8.71	W012A	7	Yes
			03/19/2019	W-SMA-8.7	W012	7	Yes
			03/19/2019	W-SMA-9.5	W014	7	Yes
			03/19/2019	W-SMA-9.7	W015	7	Yes
			03/19/2019	W-SMA-9.8	W016	7	Yes
			03/19/2019	W-SMA-9.9	W017	7	Yes
			03/19/2019	W-SMA-10	W018	7	Yes
			03/20/2019	CDV-SMA-7	V013	8	Yes
			03/21/2019	PJ-SMA-3.05	J003	9	Yes
			03/21/2019	CDV-SMA-6.02	V012A	9	Yes
			03/21/2019	CDV-SMA-6.01	V012	9	Yes
			03/21/2019	PJ-SMA-4.05	J004	9	Yes
			03/21/2019	CDV-SMA-4	V011	9	Yes
			03/21/2019	CDV-SMA-3	V010	9	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG257	3/12/2019	0.27	03/26/2019	W-SMA-3.5	W004	14	Yes
			03/26/2019	W-SMA-4.1	W005	14	Yes
			03/26/2019	W-SMA-6	W007	14	Yes
			03/26/2019	W-SMA-8	W011	14	Yes
			03/26/2019	W-SMA-7.9	W010	14	Yes
			03/26/2019	W-SMA-7.8	W009	14	Yes
			03/26/2019	W-SMA-9.05	W013	14	Yes
			03/26/2019	W-SMA-7	W008	14	Yes
			03/26/2019	W-SMA-5	W006	14	Yes
RG257	7/7/2019	0.31	07/08/2019	CDV-SMA-3	V010	1	Yes
			07/08/2019	CDV-SMA-4	V011	1	Yes
			07/08/2019	CDV-SMA-6.01	V012	1	Yes
			07/08/2019	CDV-SMA-6.02	V012A	1	Yes
			07/09/2019	PJ-SMA-3.05	J003	2	Yes
			07/10/2019	CDV-SMA-2	V006	3	Yes
			07/11/2019	CDV-SMA-2.3	V007	4	Yes
			07/11/2019	CDV-SMA-2.51	V009A	4	Yes
			07/11/2019	CDV-SMA-2.5	V009	4	Yes
			07/11/2019	CDV-SMA-2.42	V008A	4	Yes
			07/11/2019	CDV-SMA-2.41	V008	4	Yes
			07/11/2019	CDV-SMA-7	V013	4	Yes
			07/12/2019	W-SMA-7.8	W009	5	Yes
			07/12/2019	W-SMA-7.9	W010	5	Yes
			07/12/2019	W-SMA-8	W011	5	Yes
			07/12/2019	W-SMA-6	W007	5	Yes
			07/12/2019	W-SMA-9.05	W013	5	Yes
			07/12/2019	W-SMA-5	W006	5	Yes
			07/15/2019	PJ-SMA-4.05	J004	8	Yes
RG257	7/7/2019 7/15/2019	0.31 0.4	07/17/2019	W-SMA-4.1	W005	10	Yes
			07/17/2019	W-SMA-3.5	W004	10	Yes
			07/18/2019	W-SMA-8.71	W012A	11	Yes
			07/18/2019	W-SMA-8.7	W012	11	Yes
			07/18/2019	W-SMA-7	W008	11	Yes
			07/18/2019	W-SMA-9.5	W014	11	Yes
			07/18/2019	W-SMA-9.7	W015	11	Yes
			07/18/2019	W-SMA-9.8	W016	11	Yes
			07/18/2019	W-SMA-9.9	W017	11	Yes
			07/18/2019	W-SMA-10	W018	11	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG257	7/15/2019	0.4	07/16/2019	CDV-SMA-2	V006	1	Yes
			07/16/2019	PJ-SMA-4.05	J004	1	Yes
			07/16/2019	CDV-SMA-3	V010	1	Yes
			07/16/2019	CDV-SMA-4	V011	1	Yes
			07/16/2019	CDV-SMA-6.01	V012	1	Yes
			07/16/2019	CDV-SMA-6.02	V012A	1	Yes
			07/17/2019	PJ-SMA-3.05	J003	2	Yes
			07/18/2019	W-SMA-9.05	W013	3	Yes
			07/23/2019	CDV-SMA-2.41	V008	8	Yes
			07/23/2019	CDV-SMA-2.51	V009A	8	Yes
			07/23/2019	CDV-SMA-2.42	V008A	8	Yes
			07/23/2019	CDV-SMA-2.5	V009	8	Yes
			07/23/2019	CDV-SMA-2.3	V007	8	Yes
			07/24/2019	W-SMA-8	W011	9	Yes
			07/24/2019	W-SMA-7.9	W010	9	Yes
			07/24/2019	W-SMA-7.8	W009	9	Yes
			07/24/2019	W-SMA-6	W007	9	Yes
			07/24/2019	W-SMA-5	W006	9	Yes
			07/24/2019	CDV-SMA-7	V013	9	Yes
RG257	7/25/2019	0.38	07/30/2019	CDV-SMA-2	V006	5	Yes
			07/30/2019	PJ-SMA-3.05	J003	5	Yes
			07/30/2019	PJ-SMA-4.05	J004	5	Yes
			08/01/2019	W-SMA-9.5	W014	7	Yes
			08/01/2019	W-SMA-9.7	W015	7	Yes
			08/01/2019	W-SMA-9.8	W016	7	Yes
			08/01/2019	W-SMA-9.9	W017	7	Yes
			08/01/2019	W-SMA-10	W018	7	Yes
			08/05/2019	CDV-SMA-2.41	V008	11	Yes
			08/05/2019	CDV-SMA-2.42	V008A	11	Yes
			08/05/2019	CDV-SMA-2.51	V009A	11	Yes
			08/05/2019	CDV-SMA-2.5	V009	11	Yes
			08/05/2019	CDV-SMA-2.3	V007	11	Yes
			08/05/2019	W-SMA-8.71	W012A	11	Yes
			08/06/2019	W-SMA-3.5	W004	12	Yes
			08/06/2019	W-SMA-8.7	W012	12	Yes
			08/06/2019	W-SMA-9.05	W013	12	Yes
			08/06/2019	W-SMA-8	W011	12	Yes
			08/06/2019	W-SMA-7.9	W010	12	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG257	7/25/2019	0.38	08/06/2019	W-SMA-6	W007	12	Yes
			08/06/2019	W-SMA-5	W006	12	Yes
			08/06/2019	CDV-SMA-4	V011	12	Yes
			08/06/2019	CDV-SMA-3	V010	12	Yes
			08/06/2019	CDV-SMA-6.01	V012	12	Yes
			08/06/2019	CDV-SMA-6.02	V012A	12	Yes
			08/06/2019	W-SMA-7	W008	12	Yes
			08/06/2019	W-SMA-4.1	W005	12	Yes
			08/07/2019	W-SMA-7.8	W009	13	Yes
			08/08/2019	CDV-SMA-7	V013	14	Yes
RG257	9/1/2019	0.37	09/05/2019	CDV-SMA-6.02	V012A	4	Yes
			09/05/2019	CDV-SMA-6.01	V012	4	Yes
			09/05/2019	CDV-SMA-3	V010	4	Yes
			09/05/2019	CDV-SMA-4	V011	4	Yes
			09/06/2019	PJ-SMA-4.05	J004	5	Yes
			09/09/2019	W-SMA-9.05	W013	8	Yes
			09/09/2019	W-SMA-8	W011	8	Yes
			09/09/2019	W-SMA-7.9	W010	8	Yes
			09/09/2019	W-SMA-7.8	W009	8	Yes
			09/09/2019	W-SMA-7	W008	8	Yes
			09/09/2019	W-SMA-3.5	W004	8	Yes
			09/09/2019	W-SMA-9.5	W014	8	Yes
			09/09/2019	W-SMA-9.7	W015	8	Yes
			09/09/2019	W-SMA-9.8	W016	8	Yes
			09/09/2019	W-SMA-9.9	W017	8	Yes
			09/09/2019	W-SMA-10	W018	8	Yes
			09/10/2019	CDV-SMA-2.41	V008	9	Yes
			09/10/2019	CDV-SMA-2.42	V008A	9	Yes
			09/10/2019	CDV-SMA-2.3	V007	9	Yes
			09/10/2019	CDV-SMA-2.5	V009	9	Yes
			09/10/2019	CDV-SMA-2.51	V009A	9	Yes
			09/10/2019	CDV-SMA-2	V006	9	Yes
			09/10/2019	PJ-SMA-3.05	J003	9	Yes
			09/10/2019	CDV-SMA-7	V013	9	Yes
			09/11/2019	W-SMA-8.71	W012A	10	Yes
			09/11/2019	W-SMA-8.7	W012	10	Yes
			09/11/2019	W-SMA-5	W006	10	Yes
			09/11/2019	W-SMA-6	W007	10	Yes
			09/11/2019	W-SMA-4.1	W005	10	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG257	10/3/2019	0.26	10/08/2019	CDV-SMA-2	V006	5	Yes
			10/08/2019	CDV-SMA-6.02	V012A	5	Yes
			10/08/2019	CDV-SMA-6.01	V012	5	Yes
			10/08/2019	CDV-SMA-3	V010	5	Yes
			10/08/2019	CDV-SMA-4	V011	5	Yes
			10/09/2019	PJ-SMA-3.05	J003	6	Yes
			10/10/2019	W-SMA-9.8	W016	7	Yes
			10/10/2019	W-SMA-9.9	W017	7	Yes
			10/10/2019	W-SMA-10	W018	7	Yes
			10/10/2019	W-SMA-9.7	W015	7	Yes
			10/16/2019	W-SMA-9.05	W013	13	Yes
			10/16/2019	W-SMA-8	W011	13	Yes
			10/16/2019	W-SMA-8.7	W012	13	Yes
			10/16/2019	W-SMA-8.71	W012A	13	Yes
			10/16/2019	W-SMA-7.9	W010	13	Yes
			10/16/2019	W-SMA-6	W007	13	Yes
			10/16/2019	W-SMA-3.5	W004	13	Yes
			10/16/2019	W-SMA-4.1	W005	13	Yes
			10/16/2019	W-SMA-5	W006	13	Yes
			10/16/2019	W-SMA-7	W008	13	Yes
			10/16/2019	W-SMA-7.8	W009	13	Yes
			10/16/2019	CDV-SMA-2.41	V008	13	Yes
			10/16/2019	CDV-SMA-2.42	V008A	13	Yes
			10/16/2019	CDV-SMA-2.3	V007	13	Yes
			10/16/2019	CDV-SMA-2.5	V009	13	Yes
			10/16/2019	CDV-SMA-2.51	V009A	13	Yes
			10/16/2019	PJ-SMA-4.05	J004	13	Yes
			10/17/2019	W-SMA-9.5	W014	14	Yes
			10/17/2019	CDV-SMA-7	V013	14	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG262.4	3/12/2019	0.27	03/20/2019	CDV-SMA-8.5	V015	8	Yes
			03/20/2019	CDV-SMA-8	V014	8	Yes
			03/20/2019	PT-SMA-2	I004	8	Yes
			03/20/2019	PT-SMA-2.01	I004A	8	Yes
			03/20/2019	3M-SMA-0.5	H003	8	Yes
			03/21/2019	PT-SMA-1.7	I003	9	Yes
			03/21/2019	3M-SMA-0.4	H002	9	Yes
			03/21/2019	PT-SMA-0.5	I001	9	Yes
			03/21/2019	W-SMA-14.1	W021	9	Yes
			03/21/2019	CDV-SMA-9.05	V016	9	Yes
			03/21/2019	PT-SMA-1	I002	9	Yes
			03/25/2019	W-SMA-15.1	W022	13	Yes
			03/25/2019	W-SMA-12.05	W020	13	Yes
			03/25/2019	W-SMA-11.7	W019	13	Yes
RG262.4	7/25/2019	0.45	08/05/2019	W-SMA-15.1	W022	11	Yes
			08/05/2019	W-SMA-12.05	W020	11	Yes
			08/05/2019	W-SMA-11.7	W019	11	Yes
			08/06/2019	PT-SMA-2	I004	12	Yes
			08/06/2019	PT-SMA-2.01	I004A	12	Yes
			08/06/2019	3M-SMA-0.5	H003	12	Yes
			08/06/2019	3M-SMA-0.4	H002	12	Yes
			08/06/2019	PT-SMA-0.5	I001	12	Yes
			08/06/2019	PT-SMA-1	I002	12	Yes
			08/06/2019	PT-SMA-1.7	I003	12	Yes
			08/06/2019	W-SMA-14.1	W021	12	Yes
			08/06/2019	CDV-SMA-9.05	V016	12	Yes
			08/07/2019	CDV-SMA-8.5	V015	13	Yes
			08/08/2019	CDV-SMA-8	V014	14	Yes
RG262.4	9/7/2019	0.26	09/11/2019	PT-SMA-2	I004	4	Yes
			09/11/2019	PT-SMA-2.01	I004A	4	Yes
			09/11/2019	PT-SMA-0.5	I001	4	Yes
			09/11/2019	PT-SMA-1	I002	4	Yes
			09/11/2019	3M-SMA-0.4	H002	4	Yes
			09/11/2019	3M-SMA-0.5	H003	4	Yes
			09/11/2019	CDV-SMA-9.05	V016	4	Yes
			09/11/2019	PT-SMA-1.7	I003	4	Yes
			09/11/2019	W-SMA-14.1	W021	4	Yes
			09/12/2019	CDV-SMA-8.5	V015	5	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG262.	9/7/2019	0.26	09/19/2019	CDV-SMA-8	V014	12	Yes
			09/19/2019	W-SMA-15.1	W022	12	Yes
			09/19/2019	W-SMA-12.05	W020	12	Yes
			09/19/2019	W-SMA-11.7	W019	12	Yes
RG265	3/12/2019	0.27	03/18/2019	A-SMA-2.5	A003	6	Yes
			03/18/2019	A-SMA-2.8	A005	6	Yes
			03/18/2019	A-SMA-2.7	A004	6	Yes
			03/18/2019	A-SMA-3	A006	6	Yes
RG265	4/29/2019	0.3	05/01/2019	A-SMA-2.5	A003	2	Yes
			05/01/2019	A-SMA-2.7	A004	2	Yes
			05/01/2019	A-SMA-2.8	A005	2	Yes
			05/03/2019	A-SMA-3	A006	4	Yes
RG265	7/25/2019	0.34	08/01/2019	A-SMA-2.8	A005	7	Yes
			08/01/2019	A-SMA-2.7	A004	7	Yes
			08/07/2019	A-SMA-3	A006	13	Yes
			08/08/2019	A-SMA-2.5	A003	14	Yes
RG267.4	3/12/2019	0.27	03/18/2019	A-SMA-1.1	A001	6	Yes
			03/18/2019	A-SMA-2	A002	6	Yes
			03/21/2019	F-SMA-2	F001	9	Yes
RG267.4	7/7/2019	0.28	07/10/2019	PT-SMA-3	I005	3	Yes
			07/12/2019	PT-SMA-4.2	I007	5	Yes
			07/12/2019	F-SMA-2	F001	5	Yes
			07/15/2019	A-SMA-1.1	A001	8	Yes
			07/15/2019	A-SMA-2	A002	8	Yes
RG267.4	7/25/2019	0.48	08/01/2019	A-SMA-1.1	A001	7	Yes
			08/01/2019	A-SMA-2	A002	7	Yes
			08/05/2019	PT-SMA-3	I005	11	Yes
			08/05/2019	PT-SMA-4.2	I007	11	Yes
			08/05/2019	F-SMA-2	F001	11	Yes
RG267.4	9/7/2019	0.32	09/11/2019	PT-SMA-4.2	I007	4	Yes
			09/11/2019	PT-SMA-3	I005	4	Yes
			09/13/2019	F-SMA-2	F001	6	Yes
			09/18/2019	A-SMA-1.1	A001	11	Yes
			09/18/2019	A-SMA-2	A002	11	Yes
RG267.4	10/4/2019	0.34	10/08/2019	F-SMA-2	F001	4	Yes
			10/08/2019	PT-SMA-4.2	I007	4	Yes
			10/17/2019	A-SMA-1.1	A001	13	Yes
			10/17/2019	A-SMA-2	A002	13	Yes
			10/17/2019	PT-SMA-3	I005	13	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG340	3/12/2019	0.27	03/15/2019	CHQ-SMA-1.01	Q002	3	Yes
			03/15/2019	CHQ-SMA-1.02	Q002A	3	Yes
			03/15/2019	CHQ-SMA-1.03	Q002B	3	Yes
			03/15/2019	CHQ-SMA-3.05	Q004	3	Yes
			03/18/2019	CHQ-SMA-0.5	Q001	6	Yes
			03/18/2019	CHQ-SMA-2	Q003	6	Yes
			03/25/2019	CHQ-SMA-7.1	Q010	13	Yes
			03/25/2019	CHQ-SMA-6	Q009	13	Yes
			03/25/2019	CHQ-SMA-5.05	Q008	13	Yes
			03/25/2019	CHQ-SMA-4.1	Q006	13	Yes
			03/25/2019	CHQ-SMA-4	Q005	13	Yes
RG340	4/29/2019	0.33	05/01/2019	A-SMA-3.5	A007	2	Yes
			05/02/2019	A-SMA-4	A008	3	Yes
			05/02/2019	A-SMA-6	A009	3	Yes
			05/02/2019	CHQ-SMA-4.5	Q007	3	Yes
			05/02/2019	CHQ-SMA-1.03	Q002B	3	Yes
			05/02/2019	CHQ-SMA-1.01	Q002	3	Yes
			05/02/2019	CHQ-SMA-1.02	Q002A	3	Yes
			05/02/2019	CHQ-SMA-3.05	Q004	3	Yes
			05/02/2019	CHQ-SMA-0.5	Q001	3	Yes
			05/03/2019	CHQ-SMA-7.1	Q010	4	Yes
			05/03/2019	CHQ-SMA-6	Q009	4	Yes
			05/03/2019	CHQ-SMA-5.05	Q008	4	Yes
			05/03/2019	CHQ-SMA-4.1	Q006	4	Yes
			05/03/2019	CHQ-SMA-4	Q005	4	Yes
			05/03/2019	CHQ-SMA-2	Q003	4	Yes
RG340	7/25/2019	0.43	07/31/2019	A-SMA-4	A008	6	Yes
			07/31/2019	A-SMA-6	A009	6	Yes
			07/31/2019	CHQ-SMA-1.01	Q002	6	Yes
			07/31/2019	CHQ-SMA-4.5	Q007	6	Yes
			07/31/2019	CHQ-SMA-1.02	Q002A	6	Yes
			07/31/2019	CHQ-SMA-1.03	Q002B	6	Yes
			07/31/2019	CHQ-SMA-3.05	Q004	6	Yes

Table 7-2 (continued)

Rain Gage	Storm Date	30-Minute Maximum Intensity (in.)	Inspection Date	Site Monitoring Area	Permitted Feature	Days to inspection	Inspection within 15 days?
RG340	7/25/2019 8/3/2019	0.43 0.39	08/05/2019	A-SMA-3.5	A007	11	Yes
			08/05/2019	CHQ-SMA-0.5	Q001	11	Yes
			08/05/2019	CHQ-SMA-7.1	Q010	11	Yes
			08/05/2019	CHQ-SMA-6	Q009	11	Yes
			08/05/2019	CHQ-SMA-4.1	Q006	11	Yes
			08/05/2019	CHQ-SMA-4	Q005	11	Yes
			08/05/2019	CHQ-SMA-2	Q003	11	Yes
RG340	7/25/2019 8/3/2019 8/5/2019	0.43 0.39 0.44	08/05/2019	CHQ-SMA-5.05	Q008	11	Yes
RG340	8/3/2019 8/5/2019	0.39 0.44	08/12/2019	A-SMA-4	A008	9	Yes
			08/12/2019	A-SMA-6	A009	9	Yes
			08/12/2019	CHQ-SMA-4.5	Q007	9	Yes
			08/12/2019	CHQ-SMA-1.01	Q002	9	Yes
			08/12/2019	CHQ-SMA-1.02	Q002A	9	Yes
			08/12/2019	CHQ-SMA-1.03	Q002B	9	Yes
			08/12/2019	CHQ-SMA-3.05	Q004	9	Yes
RG340	8/5/2019	0.44	08/07/2019	A-SMA-3.5	A007	2	Yes
			08/12/2019	CHQ-SMA-2	Q003	7	Yes
			08/13/2019	CHQ-SMA-7.1	Q010	8	Yes
			08/13/2019	CHQ-SMA-6	Q009	8	Yes
			08/13/2019	CHQ-SMA-5.05	Q008	8	Yes
			08/13/2019	CHQ-SMA-4.1	Q006	8	Yes
			08/13/2019	CHQ-SMA-4	Q005	8	Yes
			08/13/2019	CHQ-SMA-0.5	Q001	8	Yes
RG340	10/4/2019	0.29	10/11/2019	CHQ-SMA-7.1	Q010	7	Yes
			10/11/2019	CHQ-SMA-6	Q009	7	Yes
			10/11/2019	CHQ-SMA-5.05	Q008	7	Yes
			10/11/2019	CHQ-SMA-4.1	Q006	7	Yes
			10/11/2019	CHQ-SMA-4	Q005	7	Yes
			10/11/2019	A-SMA-4	A008	7	Yes
			10/11/2019	A-SMA-6	A009	7	Yes
			10/17/2019	A-SMA-3.5	A007	13	Yes
			10/17/2019	CHQ-SMA-4.5	Q007	13	Yes
			10/17/2019	CHQ-SMA-3.05	Q004	13	Yes
			10/17/2019	CHQ-SMA-1.01	Q002	13	Yes
			10/17/2019	CHQ-SMA-1.02	Q002A	13	Yes
			10/17/2019	CHQ-SMA-1.03	Q002B	13	Yes
			10/18/2019	CHQ-SMA-0.5	Q001	14	Yes
			10/18/2019	CHQ-SMA-2	Q003	14	Yes

Table 7-3
Summary of Annual Erosion Evaluation Inspections

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
1	R-SMA-0.5	R001	03/20/2019
2	R-SMA-1	R002	03/20/2019
3	R-SMA-1.95	R003	03/20/2019
4	R-SMA-2.05	R004	03/20/2019
5	R-SMA-2.3	R005	03/20/2019
6	R-SMA-2.5	R006	08/06/2019
7	B-SMA-0.5	B001	08/09/2019
8	B-SMA-1	B002	03/20/2019
9	ACID-SMA-1.05	P001	03/15/2019
10	ACID-SMA-2	P002	03/18/2019
11	ACID-SMA-2.01	P002A	03/15/2019
12	ACID-SMA-2.1	P003	03/18/2019
13	P-SMA-0.3	P004	08/09/2019
14	P-SMA-1	P005	08/02/2019
15	P-SMA-2	P006	08/02/2019
16	P-SMA-2.15	P007	08/02/2019
17	P-SMA-2.2	P008	07/30/2019
18	P-SMA-3.05	P009	03/18/2019
19	LA-SMA-0.85	L001	03/20/2019
20	LA-SMA-0.9	L002	03/19/2019
21	LA-SMA-1	L003	03/15/2019
22	LA-SMA-1.1	L004	03/15/2019
23	LA-SMA-1.25	L005	03/15/2019
24	LA-SMA-2.1	L006	03/19/2019
25	LA-SMA-2.3	L007	03/19/2019
26	LA-SMA-3.1	L008	03/18/2019
27	LA-SMA-3.9	L009	03/18/2019
28	LA-SMA-4.1	L010	03/18/2019
29	LA-SMA-4.2	L011	03/18/2019
30	LA-SMA-5.01	L012	03/18/2019
31	LA-SMA-5.02	L012A	03/18/2019
32	LA-SMA-5.2	L013	03/19/2019
33	LA-SMA-5.31	L015	03/19/2019
34	LA-SMA-5.33	L016	03/20/2019
35	LA-SMA-5.35	L014	03/19/2019
36	LA-SMA-5.361	L017	03/20/2019
37	LA-SMA-5.362	L017A	03/20/2019

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
38	LA-SMA-5.51	L018	03/19/2019
39	LA-SMA-5.52	L018A	03/19/2019
40	LA-SMA-5.53	L018B	03/19/2019
41	LA-SMA-5.54	L018C	03/19/2019
42	LA-SMA-5.91	L019	07/31/2019
43	LA-SMA-5.92	L019A	07/31/2019
44	LA-SMA-6.25	L020	08/07/2019
45	LA-SMA-6.27	L021	08/07/2019
46	LA-SMA-6.3	L022	08/07/2019
47	LA-SMA-6.31	L022A	08/07/2019
48	LA-SMA-6.32	L023	07/31/2019
49	LA-SMA-6.34	L024	08/07/2019
50	LA-SMA-6.36	L025	08/07/2019
51	LA-SMA-6.38	L026	08/07/2019
52	LA-SMA-6.395	L027	08/07/2019
53	LA-SMA-6.5	L028	08/08/2019
54	LA-SMA-9	L029	08/09/2019
55	LA-SMA-10.11	L030	08/09/2019
56	LA-SMA-10.12	L030A	08/09/2019
57	DP-SMA-0.3	D001	08/05/2019
58	DP-SMA-0.4	D002	08/07/2019
59	DP-SMA-0.6	D003	08/07/2019
60	DP-SMA-1	D004	08/08/2019
61	DP-SMA-2	D005	08/08/2019
62	DP-SMA-2.35	D006	08/07/2019
63	DP-SMA-3	D007	08/07/2019
64	DP-SMA-4	D008	07/31/2019
65	S-SMA-0.25	S001	03/14/2019
66	S-SMA-1.1	S002	03/14/2019
67	S-SMA-2	S003	03/18/2019
68	S-SMA-2.01	S003A	03/14/2019
69	S-SMA-2.8	S004	03/14/2019
70	S-SMA-3.51	S005	03/14/2019
71	S-SMA-3.52	S005A	03/14/2019
72	S-SMA-3.53	S005B	03/14/2019
73	S-SMA-3.6	S006	03/18/2019
74	S-SMA-3.7	S007	07/31/2019
75	S-SMA-3.71	S008	07/31/2019
76	S-SMA-3.72	S009	07/31/2019

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
77	S-SMA-3.95	S010	07/30/2019
78	S-SMA-4.1	S011	08/09/2019
79	S-SMA-4.5	S012	07/29/2019
80	S-SMA-5	S013	07/30/2019
81	S-SMA-5.2	S014	07/31/2019
82	S-SMA-5.5	S015	08/09/2019
83	S-SMA-6	S016	08/09/2019
84	CDB-SMA-0.15	C001	03/21/2019
85	CDB-SMA-0.25	C002	08/06/2019
86	CDB-SMA-0.55	C003	08/06/2019
87	CDB-SMA-1	C004	08/08/2019
88	CDB-SMA-1.15	C005	08/06/2019
89	CDB-SMA-1.35	C006	08/06/2019
90	CDB-SMA-1.54	C007	08/06/2019
91	CDB-SMA-1.55	C008	08/06/2019
92	CDB-SMA-1.65	C009	08/06/2019
93	CDB-SMA-4	C010	05/08/2019
94	M-SMA-1	M001	03/18/2019
95	M-SMA-1.2	M002	03/18/2019
96	M-SMA-1.21	M002A	03/18/2019
97	M-SMA-1.22	M002B	03/18/2019
98	M-SMA-3	M003	03/14/2019
99	M-SMA-3.1	M004	03/14/2019
100	M-SMA-3.5	M005	03/14/2019
101	M-SMA-4	M006	03/14/2019
102	M-SMA-5	M007	03/26/2019
103	M-SMA-6	M008	03/21/2019
104	M-SMA-7	M009	03/26/2019
105	M-SMA-7.9	M010	03/25/2019
106	M-SMA-9.1	M011	03/26/2019
107	M-SMA-10	M012	03/26/2019
108	M-SMA-10.01	M012A	03/25/2019
109	M-SMA-10.3	M013	03/26/2019
110	M-SMA-11.1	M014	03/25/2019
111	M-SMA-12	M015	03/25/2019
112	M-SMA-12.5	M016	07/31/2019
113	M-SMA-12.6	M017	07/31/2019
114	M-SMA-12.7	M018	07/30/2019
115	M-SMA-12.8	M019	07/30/2019

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
116	M-SMA-12.9	M020	07/30/2019
117	M-SMA-12.92	M021	07/30/2019
118	M-SMA-13	M022	07/31/2019
119	Pratt-SMA-1.05	T001	03/21/2019
120	T-SMA-1	T002	03/21/2019
121	T-SMA-2.5	T003	03/21/2019
122	T-SMA-2.85	T004	03/21/2019
123	T-SMA-3	T005	03/26/2019
124	T-SMA-4	T006	03/21/2019
125	T-SMA-5	T007	03/21/2019
126	T-SMA-6.8	T008	07/11/2019
127	T-SMA-7	T009	07/11/2019
128	T-SMA-7.1	T010	07/11/2019
129	2M-SMA-1	E001	03/21/2019
130	2M-SMA-1.42	E002	03/20/2019
131	2M-SMA-1.43	E003	03/20/2019
132	2M-SMA-1.44	E004	03/20/2019
133	2M-SMA-1.45	E005	03/20/2019
134	2M-SMA-1.5	E006	03/20/2019
135	2M-SMA-1.65	E007	03/20/2019
136	2M-SMA-1.67	E008	03/20/2019
137	2M-SMA-1.7	E009	03/21/2019
138	2M-SMA-1.8	E010	03/21/2019
139	2M-SMA-1.9	E011	03/21/2019
140	2M-SMA-2	E012	03/21/2019
141	2M-SMA-2.2	E013	03/21/2019
142	2M-SMA-3	E014	03/20/2019
143	2M-SMA-2.5	E015	03/25/2019
144	3M-SMA-0.2	H001	03/20/2019
145	3M-SMA-0.4	H002	03/21/2019
146	3M-SMA-0.5	H003	03/20/2019
147	3M-SMA-0.6	H004	03/20/2019
148	3M-SMA-2.6	H005	03/21/2019
149	3M-SMA-4	H006	07/31/2019
150	PJ-SMA-1.05	J001	03/20/2019
151	PJ-SMA-2	J002	03/21/2019
152	PJ-SMA-3.05	J003	03/21/2019
153	PJ-SMA-4.05	J004	03/21/2019
154	PJ-SMA-5	J005	03/20/2019

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
155	PJ-SMA-5.1	J006	03/20/2019
156	PJ-SMA-6	J007	03/20/2019
157	PJ-SMA-7	J008	03/25/2019
158	PJ-SMA-8	J009	03/20/2019
159	PJ-SMA-9	J010	03/20/2019
160	PJ-SMA-10	J012	03/20/2019
161	PJ-SMA-11	J013	03/20/2019
162	PJ-SMA-11.1	J014	03/20/2019
163	PJ-SMA-13	J015	07/31/2019
164	PJ-SMA-13.7	J016	07/31/2019
165	PJ-SMA-14	J017	08/09/2019
166	PJ-SMA-14.2	J018	07/31/2019
167	PJ-SMA-14.3	J019	07/31/2019
168	PJ-SMA-14.4	J020	07/31/2019
169	PJ-SMA-14.6	J021	07/31/2019
170	PJ-SMA-14.8	J022	08/09/2019
171	PJ-SMA-16	J023	05/08/2019
172	PJ-SMA-17	J024	05/08/2019
173	PJ-SMA-18	J026	05/08/2019
174	PJ-SMA-19	J025	05/08/2019
175	PJ-SMA-20	J027	05/08/2019
176	STRM-SMA-1.05	J028	03/21/2019
177	STRM-SMA-1.5	J029	03/21/2019
178	STRM-SMA-4.2	J030	03/20/2019
179	STRM-SMA-5.05	J031	03/20/2019
180	CDV-SMA-1.2	V001	03/19/2019
181	CDV-SMA-1.3	V002	03/19/2019
182	CDV-SMA-1.4	V003	03/19/2019
183	CDV-SMA-1.45	V004	03/19/2019
184	CDV-SMA-1.7	V005	03/16/2019
185	CDV-SMA-2	V006	03/16/2019
186	CDV-SMA-2.3	V007	03/19/2019
187	CDV-SMA-2.41	V008	03/19/2019
188	CDV-SMA-2.42	V008A	03/19/2019
189	CDV-SMA-2.5	V009	03/19/2019
190	CDV-SMA-2.51	V009A	03/19/2019
191	CDV-SMA-3	V010	03/21/2019
192	CDV-SMA-4	V011	03/21/2019
193	CDV-SMA-6.01	V012	03/21/2019

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
194	CDV-SMA-6.02	V012A	03/21/2019
195	CDV-SMA-7	V013	03/20/2019
196	CDV-SMA-8	V014	03/20/2019
197	CDV-SMA-8.5	V015	03/20/2019
198	CDV-SMA-9.05	V016	03/21/2019
199	F-SMA-2	F001	03/21/2019
200	PT-SMA-0.5	I001	03/21/2019
201	PT-SMA-1	I002	03/21/2019
202	PT-SMA-1.7	I003	03/21/2019
203	PT-SMA-2	I004	03/20/2019
204	PT-SMA-2.01	I004A	03/20/2019
205	PT-SMA-3	I005	07/10/2019
206	PT-SMA-4.2	I007	07/12/2019
207	W-SMA-1	W001	03/25/2019
208	W-SMA-1.5	W002	03/25/2019
209	W-SMA-2.05	W003	03/26/2019
210	W-SMA-3.5	W004	03/26/2019
211	W-SMA-4.1	W005	03/26/2019
212	W-SMA-5	W006	03/26/2019
213	W-SMA-6	W007	03/26/2019
214	W-SMA-7	W008	03/26/2019
215	W-SMA-7.8	W009	03/26/2019
216	W-SMA-7.9	W010	03/26/2019
217	W-SMA-8	W011	03/26/2019
218	W-SMA-8.7	W012	03/19/2019
219	W-SMA-8.71	W012A	03/19/2019
220	W-SMA-9.05	W013	03/26/2019
221	W-SMA-9.5	W014	03/19/2019
222	W-SMA-9.7	W015	03/19/2019
223	W-SMA-9.8	W016	03/19/2019
224	W-SMA-9.9	W017	03/19/2019
225	W-SMA-10	W018	03/19/2019
226	W-SMA-11.7	W019	03/25/2019
227	W-SMA-12.05	W020	03/25/2019
228	W-SMA-14.1	W021	03/21/2019
229	W-SMA-15.1	W022	03/25/2019
230	A-SMA-1.1	A001	03/18/2019
231	A-SMA-2	A002	03/18/2019
232	A-SMA-2.5	A003	03/18/2019

Table 7-3 (continued)

Permit Order	Site Monitoring Area	Permitted Feature	Inspection Date
233	A-SMA-2.7	A004	03/18/2019
234	A-SMA-2.8	A005	03/18/2019
235	A-SMA-3	A006	03/18/2019
236	A-SMA-3.5	A007	05/01/2019
237	A-SMA-4	A008	05/02/2019
238	A-SMA-6	A009	05/02/2019
239	CHQ-SMA-0.5	Q001	03/18/2019
240	CHQ-SMA-1.01	Q002	03/15/2019
241	CHQ-SMA-1.02	Q002A	03/15/2019
242	CHQ-SMA-1.03	Q002B	03/15/2019
243	CHQ-SMA-2	Q003	03/18/2019
244	CHQ-SMA-3.05	Q004	03/15/2019
245	CHQ-SMA-4	Q005	03/25/2019
246	CHQ-SMA-4.1	Q006	03/25/2019
247	CHQ-SMA-4.5	Q007	05/02/2019
248	CHQ-SMA-5.05	Q008	03/25/2019
249	CHQ-SMA-6	Q009	03/25/2019
250	CHQ-SMA-7.1	Q010	03/25/2019

Table 7-4
Summary of Significant Event Inspections

SMA	Permitted Feature	Inspection Date	Comment
R-SMA-1	R002	03/26/2019	During inspection, raw sewage was observed upwelling downgradient from Los Alamos County–managed lift station located across the street and to the west of control R00204080012. Sewage is discharging directly into culvert, IP controls, and into the watercourse. Los Alamos County was contacted upon discovery. The lift station was repaired and disinfection of discharge areas was conducted by Los Alamos County.
CDB-SMA-0.25	C002	08/20/2019	No IP control measures were impacted by the water-line break that occurred near area. No additional actions are necessary.
CDB-SMA-0.55	C003	08/20/2019	The SMA was in the main flow path for discharged water. Flow path was observed as damp, with minimal movement of sediment. Earthen berm C00303010011 retained and ponded flow with evidence of minor flow over spillway. No additional actions are needed.
CDB-SMA-1.15	C005	08/20/2019	No IP control measures were impacted by the water-line break that occurred near area. No additional actions are necessary.

Table 7-4 (continued)

SMA	Permitted Feature	Inspection Date	Comment
T-SMA-3	T005	04/05/2019	Log check dam T00506020010 is functional but filling with sediment and T00506020014 has filled with sediment. Erosion and rilling are evident within established vegetation at T00502040012. Facility has placed gravel bags as temporary backup control for areas of rilling. IP field crews removed sediment from log check dam T00506020014. Facility has also constructed additional controls in area and conducted maintenance to address erosion issues and to help control runoff. No additional actions are necessary.
T-SMA-4	T006	04/05/2019	Curbing T00603090012 is functional but filling with sediment; Eco-block T00603110013 is acting as backup control. Evidence of new runoff pathway cutting near rock check dam T00606010008 and evidence of erosion within the SMA because of the discharge. Facility will conduct maintenance items to address curbing sedimentation and help control runoff. No additional actions are necessary.
2M-SMA-2	E012	12/06/2019	No IP control measures were impacted by the sprinkler line break that occurred near the area. No additional actions are necessary.

Table 7-5
Summary of Visual
Inspections for TAL Exceedances

SMA	Permitted Feature	Inspection Date	Comment
R-SMA-2.5	R006	09/25/2019	Recommend updating map location of riprap R00604060004 and rock check dams R00606010005 and -0006. No other action recommended.
P-SMA-2.2	P008	09/09/2019	No action recommended
LA-SMA-3.1	L008	02/15/2019	No action recommended
LA-SMA-5.2	L013	09/09/2019	Log check dam L01306020007 is filled with sediment. Recommend building up control with downed logs in area to increase capacity.
LA-SMA-5.361	L017	09/25/2019	Recommend building up low point in center of Base course berm J01703020012.
LA-SMA-6.3	L022	09/09/2019	No action recommended
DP-SMA-0.6	D003	09/09/2019	Vehicles have driven over southern portion of Earthen berm D00303010013 and portions of Base Course Berm D00303020011. Additionally, facility managed materials are being stored on berm - 0011. Recommend repairing/building up berms -0011, -0013, and Earthen Berm D00303010014 and speaking to facility about not driving over/storing materials on IP controls.
DP-SMA-3	D007	09/18/2019	No action recommended.
S-SMA-5.2	S014	09/09/2019	Water noted as circumventing the eastern side of rock check dams S01406010006 and S01406010008. Recommend conducting maintenance to extend each rock check dam to the east.

Table 7-5 (continued)

SMA	Permitted Feature	Inspection Date	Comment
M-SMA-1.21	M002A	02/15/2019	Outfall discharging during visit. No action recommended.
M-SMA-12.5	M016	11/22/2019	Rilling on backside of Earthen Berm M01603010010. Maintenance recommended to build up Earthen Berm with base course in areas of rilling.
M-SMA-12.8	M019	09/09/2019	Log check dam M01906020006 is filled with sediment; existing straw wattle M01903060009 is acting as a backup control. Recommend replacing log check dam -0006 with a new log check dam upgradient of control location.
T-SMA-2.5	T003	09/09/2019	No action recommended
T-SMA-7.1	T010	09/09/2019	Water noted as circumventing the eastern end of Earthen Berm T01003010007. Recommend conducting maintenance to extend berm to the east.
PJ-SMA-11	J013	08/13/2019	No action recommended
PT-SMA-2	I004	09/10/2019	No action recommended
PT-SMA-2	I004	11/26/2019	No action recommended
W-SMA-6	W007	08/19/2019	Recommend mapping extent of established vegetation W00702040004. No other action recommended.
A-SMA-2	A002	09/10/2019	Water bar A00204050053 has been removed by facility construction activities. Recommend rebuilding control.
A-SMA-2	A002	11/18/2019	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?
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	03/26/2019	No
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	04/05/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	04/10/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	04/18/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	04/23/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	05/02/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	05/07/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	05/14/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	05/23/2019	Yes

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	05/30/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	06/10/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	06/24/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	07/08/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	07/23/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	08/05/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	08/21/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	09/03/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	09/17/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	10/01/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	10/17/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	10/29/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	11/12/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	11/26/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	12/09/2019	Yes
S-SMA-2.01	S003A	Remediation Construction Activity Inspection for S-SMA-2.01	12/23/2019	Yes
CDB-SMA-0.55	C003	Remediation Construction Activity Inspection for CDB-SMA-0.55	09/06/2019	Yes
CDB-SMA-0.55	C003	Remediation Construction Activity Inspection for CDB-SMA-0.55	09/13/2019	Yes
M-SMA-6	M008	Remediation Construction Activity Inspection for M-SMA-6	08/20/2019	No
M-SMA-6	M008	Remediation Construction Activity Inspection for M-SMA-6	09/13/2019	Yes
M-SMA-6	M008	Remediation Construction Activity Inspection for M-SMA-6	10/17/2019	Yes
M-SMA-6	M008	Remediation Construction Activity Inspection for M-SMA-6	10/29/2019	Yes

Table 7-6 (continued)

Site Monitoring Area	Permitted Feature	Purpose	Inspection Date	Backup Controls in Place?
M-SMA-6	M008	Remediation Construction Activity Inspection for M-SMA-6	11/12/2019	Yes
M-SMA-6	M008	Remediation Construction Activity Inspection for M-SMA-6	11/27/2019	Yes
M-SMA-6	M008	Remediation Construction Activity inspection for M-SMA-6	12/10/2019	No
M-SMA-6	M008	Remediation Construction Activity inspection for M-SMA-6	12/23/2019	Yes
PT-SMA-3	I005	Remediation Construction Activity Inspection for PT-SMA-3	05/15/2019	Yes

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.)
40	LA-SMA-5.53	The sampler was activated for baseline monitoring on 04/29/2019. The sampler attempted but was unable to collect a sample on 07/03/2019. The sampler was reset on 07/18/2019 (inoperable 15 d[c]). The sampler was shut down for the winter on 11/07/2019.	07/06/2019, 07/07/2019, 07/13/2019, 07/14/2019	0.06/0.15, 0.11/0.14, 0.13/0.22, 0.21/0.22
44	LA-SMA-6.25	The sampler was activated for baseline monitoring on 04/25/2019. The sampler attempted but was unable to collect on 07/26/2019. The sampler was reset for monitoring on 08/01/2019 (inoperable 6 d). The sampler was shut down for the winter on 11/13/2019.	None	n/a[d]
51	LA-SMA-6.38	The sampler was activated for baseline monitoring on 04/29/2019. The sampler attempted but was unable to collect a sample on 07/03/2019. The sampler was reset on 07/18/2019 (inoperable 15 d). The sampler was shut down for the winter on 11/13/2019.	07/06/2019, 07/07/2019, 07/13/2019, 07/14/2019	0.06/0.15, 0.11/0.14. 0.13/0.22, 0.21/0.22
60	DP-SMA-1	The sampler was activated for baseline monitoring on 05/08/2019. The sampler attempted but was unable to collect a sample on 08/12/2019. The sampler was reset on 08/14/2019 (inoperable 2 d). The sampler was shut down for the winter on 11/12/2019.	None	n/a
61	DP-SMA-2	The sampler was activated for baseline monitoring on 05/08/2019. The actuator was disturbed and triggered on 06/16/2019. The sampler was reset for monitoring on 07/02/2019 (inoperable 16 d). The actuator was found disturbed on 07/31/2019. The sampler was last known to be operable at the prior inspection on 07/02/2019 (inoperable up to 29 d). The sampler was shut down for the winter on 11/12/2019.	07/02/2019, 07/06/2019, 07/07/2019, 07/13/2019, 07/14/2019, 07/22/2019, 07/25/2019, 07/26/2019	0.18/0.18, 0.06/0.15, 0.11/0.14, 0.13/0.22, 0.21/0.22, 0.14/0.17, 0.31/0.72, 0.65/0.86
106	M-SMA-9.1	The sampler was activated for baseline monitoring on 05/17/2019. The sampler attempted but was unable to collect on 07/02/2019. The sampler was reset for monitoring on 07/03/2019 (inoperable 1 d). The sampler attempted but was unable to collect on 08/09/02019. The sampler was reset for monitoring on 08/16/2019 (inoperable 7 d). The sampler was shut down for the winter on 11/01/2019.	08/11/2019	0.15/0.15
120	T-SMA-1	The sampler was activated on 04/29/2019 to collect the sample required under E.1(b) following certification of completion for corrective action under E.2(c) for Site 50-009. The sampler collected insufficient volume on 07/02/2019. The sampler was reset for continued monitoring on 07/03/2019 (inoperable 1 d). The sampler was shut down for the winter on 10/29/2019. A certificate of completion under NMED's Consent Order was recommended in December of 2015 for Site 50-009 and a request for force majeure extension of the deadline to complete corrective action was requested on 09/23/2013 under E.4(c).	None	n/a
164	PJ-SMA-13.7	The sampler was activated for corrective action monitoring on 04/30/2019. The sampler was found inoperable because of insufficient battery voltage on 08/20/2019. The sampler was last known to be operable at the prior inspection on 07/26/2019 (inoperable up to 24 d). The sampler was found inoperable because of insufficient battery voltage on 09/16/2019. The sampler was last known to be operable at the prior inspection on 08/20/2019 (inoperable up to 27 d). The sampler was found inoperable because of insufficient battery voltage on 10/08/2019. The sampler was last known to be operable at the prior inspection on 09/16/2019 (inoperable up to 22 d). The sampler was shut down for the winter on 11/13/2019.	07/26/2019, 08/05/2019, 08/06/2019, 08/09/2019, 08/11/2019, 09/07/2019, 09/15/2019, 10/03/2019, 10/04/2019	0.44/0.82, 0.2/0.37, 0.05/0.2, 0.12/0.14, 0.17/0.19, 0.11/0.16 0.03/0.17, 0.15/0.25 0.24/0.71
184	CDV-SMA-1.7	The sampler was activated for corrective action monitoring on 05/21/2019. The sampler was found inoperable because of insufficient battery voltage on 07/10/2019. The sampler was last known to be operable at the prior inspection on 06/20/2019 (inoperable up to 20 d). The sampler was found inoperable because of insufficient battery voltage on 10/08/2019. The sampler was last known to be operable at the prior inspection on 09/25/2019 (inoperable up to 13 d). the sampler was shut down for the winter on 11/06/2019.	06/28/2019, 07/01/2019, 07/06/2019, 07/07/2019, 10/03/2019, 10/04/2019	0.22/0.22, 0.05/0.1 0.13/0.37, 0.52/0.55 0.28/0.47, 0.24/0.69
152	PJ-SMA-3.05	The sampler was activated for corrective action monitoring on 05/14/2019. The sampler attempted but was unable to collect on 07/07/2019. The sampler was reset for continued monitoring on 07/09/2019 (inoperable 2 d). The sampler was shut down for the winter on 11/15/2019.	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.)
211	W-SMA-4.1	The sampler was activated for baseline monitoring on 05/14/2019. The sampler was found to be inoperable because of equipment failure on 07/09/2019. The sampler was last known to be operable at the prior inspection on 06/28/2019 (inoperable up to 11 d). The sampler was found to be tipped over on 09/30/2019. The sampler was last known to be operable at the prior inspection on 09/04/2019 (inoperable up to 26 d). The sampler was shut down for the winter on 11/05/2019.	07/01/2019, 07/06/2019, 07/07/2019, 09/10/2019, 09/15/2019, 09/23/2019	0.04/0.1, 0.07/0.21, 0.31/0.34, 0.1/0.15, 0.08/0.26, 0.08/0.1
216	W-SMA-7.9	The sampler was activated for baseline monitoring on 04/24/2019. The sampler attempted but was unable to collect a sample on 07/27/2019. The sampler was reset on 08/21/2019 (inoperable 25 d). The sampler was shut down for the winter on 10/30/2019.	08/05/2019, 08/06/2019, 08/11/2019 08/15/2019, 08/16/2019, 08/20/2019	0.1/0.11, 0.08/0.27, 0.1/0.1, 0.17/0.18, 0.08/0.11, 0.17/0.2
223	W-SMA-9.8	The sampler was activated for baseline monitoring on 05/17/2019. The sampler was found to be tipped over on 06/11/2019. The sampler was last known to be operable at the prior inspection on 05/17/2019 (inoperable up to 25 d). The sampler was found to be tipped over on 07/09/2019. The sampler was last known to be operable at the prior inspection on 06/11/2019 (inoperable up to 28 d). The sampler was shut down for the winter on 11/18/2019.	06/15/2019, 06/16/2019, 06/17/2019 07/01/2019, 07/06/2019, 07/07/2019 08/05/2019, 08/06/2019, 08/11/2019 08/15/2019, 08/16/2019, 08/20/2019	0.08/0.1, 0.04/0.11, 0.13/0.22, 0.04/0.1, 0.07/0.21, 0.31/0.34, 0.1/0.11, 0.08/0.27, 0.1/0.1, 0.17/0.18, 0.08/0.11, 0.17/0.2
224	W-SMA-9.9	The sampler was activated for corrective action monitoring on 05/17/2019. The sampler was found to be tipped over on 06/11/2019. The sampler was last known to be operable at the prior inspection on 05/17/2019 (inoperable up to 25 d). The sampler was shut down for the winter on 11/18/2019.	None	n/a
197	CDV-SMA-8.5	The sampler was activated for baseline monitoring on 05/14/2019. The sampler was found to be tipped over on 06/13/2019. The sampler was last known to be operable at the prior inspection on 05/14/2019 (inoperable up to 30 d). The sampler was shut down for the winter on 11/05/2019.	05/30/2019	0.11/0.12
4	R-SMA-2.05	The sampler was activated for baseline monitoring on 04/24/2019. The sampler attempted but was unable to collect a sample on 09/01/2019 and was reset on 09/04/2019 (inoperable 3 d). The sampler was shut down for the winter on 11/05/2019.	None	n/a
30	LA-SMA-5.01	The sampler was activated for baseline monitoring on 04/24/2019. The sampler attempted but was unable to collect a sample on 08/07/2019 and was reset on 08/14/2019 (inoperable 7 d). The sampler was shut down for the winter on 11/12/2019.	08/08/2019	0.21/0.35
134	2M-SMA-1.5	The sampler was activated for baseline monitoring on 05/14/2019. The sampler attempted but was unable to collect on 07/07/2019. The sampler was reset for monitoring on 07/09/2019 (inoperable 2 d). The sampler attempted but was unable to collect on 07/13/2019. The sampler was reset for monitoring on 07/15/2019 (inoperable 2 d). The sampler was shut down for the winter on 12/03/2019.	None	n/a
135	2M-SMA-1.65	The sampler was activated for corrective action monitoring on 04/22/2019. The sampler was found to be tipped over on 07/08/2019. The sampler was last known to be operable at the prior inspection on 06/19/2019 (inoperable up to 19 d). The sampler was shut down for the winter on 11/19/2019.	07/02/2019, 07/06/2019, 07/07/2019	0.2/0.29, 0.07/0.19, 0.25/0.29
159	PJ-SMA-9	The sampler was activated for corrective action monitoring on 04/22/2019. The sampler attempted but was unable to collect on 08/27/2019. The sampler was reset for monitoring on 08/29/2019 (inoperable 2 d). The sampler attempted but was unable to collect on 09/01/2019. The sampler was reset for monitoring on 09/06/2019 (inoperable 5 d). The sampler was shut down for the winter on 11/19/2019.	None	n/a
160	PJ-SMA-10	The sampler was activated for corrective action monitoring on 04/22/2019. The sampler attempted but was unable to collect on 10/04/2019. The sampler was reset for continued monitoring on 10/10/2019 (inoperable 6 d). The sampler was shut down for the winter on 11/19/2019.	None	n/a
174	PJ-SMA-19	The sampler was activated for CACompC-Inv on 05/06/2019. The sampler collected insufficient sample volume on 07/25/2019. The sampler was reset for monitoring on 07/29/2019 (inoperable up to 4 d). The sampler was shut down for the winter on 11/14/2019.	07/26/2019	0.22/0.32

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

[b] Total = Total amount of precipitation in 24 hr.

[c] d = Day.

[d] n/a = Not applicable; rain gage is not operational.

Table 8-1
Minor Sampler Location Adjustments

SMA	Station Number	Location ID	Effective Date	Reason	Monitoring Suite Following Sampler Move	Sample Collected Since Move
2M-SMA-3	SS193230	2M-SMA-3 at SS193230	03/14/2019	Representative sampling location based on SIP* recommendations	Appendix B monitoring suite	No
3M-SMA-2.6	SS191508	3M-SMA-2.6 at SS191508	03/14/2019	Representative sampling location based on SIP recommendations	Appendix B monitoring suite	No
CDV-SMA-1.7	SS190430	CDV-SMA-1.7 at SS190430	03/27/2019	Representative sampling location based on SIP recommendations	Appendix B monitoring suite	No
LA-SMA-3.9	SS191053	LA-SMA-3.9 at SS191053	03/27/2019	Representative sampling location based on SIP recommendations	Appendix B monitoring suite	No
T-SMA-1	SS193725	T-SMA-1 at SS193725	09/30/2019	Representative sampling location based on SIP recommendations	Appendix B monitoring suite	No

* SIP = Sampling implementation plan.

Table 8-2
Summary of SDPPP Changes Completed from January 1 to December 31, 2019

Description of Type of Change to SDPPP	Number of Changes to SDPPP Volumes for January 1–December 31, 2019, 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	29	20	8	8	7	72
Add new control – augmenting existing/baseline control	7	4	0	1	2	14
Add new control – routine/replacement control	15	6	1	8	3	33
Retire control – damaged and/or replaced control	21	6	5	18	3	53
Retire control – lifecycle-expired control	3	1	0	0	0	4
New control – corrective action control	0	0	6	0	0	6
Edits or changes to SDPPP reference documents	27	12	10	7	8	64
Edits or changes to procedure documents included in SDPPP	0	0	0	0	0	0
SDPPP updates to site descriptions	50	7	13	49	4	123
Certificate of completion issued for SWMU or AOC	6	9	1	0	0	16
Minor sampler adjustments, with updates to coordinates in Attachment D	1	1	2	1	0	5
SMA boundary modifications	1	1	3	2	0	7
Site boundary modifications	7	11	3	0	7	28
Miscellaneous edits	2	2	2	2	2	10
Total changes	**169**	**78**	**54**	**96**	**36**	**433**

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)
EPA	Environmental Protection Agency (U.S.)
F	filtered
FMCOC	force majeure certification of completion
HE	high explosives
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)
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 Monitoring Extended—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.

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 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.

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 Complete—Completion of 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.

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 (µg/g)	1	parts per million (ppm)
liters (L)	0.26	gallons (gal.)
milligrams per liter (mg/L)	1	parts per million (ppm)
degrees Celsius (°C)	9/5 + 32	degrees Fahrenheit (°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 for 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 2019.

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

Sampler Operations

Monitoring was initiated at 135 site monitoring areas (SMAs) by the activation of samplers beginning in April 2019. Beginning in October 2019, 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 at Title 40 Code of Federal Regulations (CFR) Part 136 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 sample collection and preparing the monitoring data set for reporting.

To determine the activity of the sum of the radium isotopes Ra-226 + Ra-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 at 40 CFR 122.2 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 accelerated-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-emitters present in environmental samples. Additional AEA exempt alpha-emitters, not listed in these tables, may be present in storm water.

However, methods available to exclude radon-222, uranium, and any special nuclear and 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, and byproduct materials; do not account for other source, special nuclear, and 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 2019 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 re-evaluating processes and reducing sample retrieval times; however, full compliance with the 15-min requirements may not be achievable at unstaffed locations. The following is a list of the specific challenges to fulfill 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, high explosives, 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 predeployed 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 (EIM) 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: Ra-226 + Ra-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 <.

Tables B-4 and B-5 present 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

Code	Description
*	(Inorganic and Radiochemistry)−The replicate analysis is not within control limits.
B	The analyte is detected in the method blank and the sample.
E	(Inorganic)−The serial dilution range 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 result was exceeded.
J	The associated numerical value is an estimated quantity (the concentration is between the method detection limit [MDL] and the practical quantitation limit).
N	(Inorganic and Radiochemistry)−Spiked sample recovery not within control limits.
P	(Organic) The percent difference between the results from the two columns is greater than 40%; or the analyte is detected only on one column.
U	The chemical was analyzed for but was not detected above the MDL.
X	The laboratory suspects the result is a nondetect despite positive quantification results.

Table B-2
Validation Qualifier Definitions

Code	Description
R	The data are unusable. (Note: Analyte may or may not be present.)
J-	The associated value is estimated and biased low.
J	The associated value is an estimated quantity.
J+	The associated value is estimated and biased high.
UJ	The associated value is considered estimated at an elevated level of detection.
U	The analyte is considered nondetected.
NQ	The analyte was detected at the indicated review level.

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
Ra-226 and Ra-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
Cadmium, dissolved	7440-43-9	1025	1	n/a	0.6

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)
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

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)
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	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F[b]	Aluminum (µg/L)	348	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF[c]	Aluminum (µg/L)	28,100	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Aluminum (µg/L)	111	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Aluminum (µg/L)	22,400	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Arsenic (µg/L)	2.68	EPA:200.8	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Arsenic (µg/L)	10.4	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Arsenic (µg/L)	7.11	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Barium (µg/L)	45.7	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Barium (µg/L)	797	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Barium (µg/L)	25.8	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Barium (µg/L)	511	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Beryllium (µg/L)	3.79	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Beryllium (µg/L)	2.97	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Boron (µg/L)	16.9	EPA:200.7	J	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Boron (µg/L)	16.4	EPA:200.7	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Cadmium (µg/L)	1.24	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Cadmium (µg/L)	0.928	EPA:200.8	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Calcium (mg/L)	22	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Calcium (mg/L)	108	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Calcium (mg/L)	13.4	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Calcium (mg/L)	34.7	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Chromium (µg/L)	26.5	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Chromium (µg/L)	18.7	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Cobalt (µg/L)	1.14	EPA:200.7	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Cobalt (µg/L)	56.9	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Cobalt (µg/L)	1.00	EPA:200.7	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Cobalt (µg/L)	13.8	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Copper (µg/L)	29.6	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Copper (µg/L)	1670	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Copper (µg/L)	18.1	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Copper (µg/L)	349	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174194	08/27/2019	07/25/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174224	11/12/2019	10/04/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174194	08/27/2019	07/25/2019	UF	Gross alpha (pCi/L)	596	EPA:900	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174224	11/12/2019	10/04/2019	UF	Gross alpha (pCi/L)	67.6	EPA:900	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Hardness (mg/L)	60.9	SM:A2340B	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Hardness (mg/L)	37	SM:A2340B	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Iron (µg/L)	239	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Iron (µg/L)	2120	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Iron (µg/L)	72.4	EPA:200.7	J	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Iron (µg/L)	16,500	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Lead (µg/L)	98.7	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Lead (µg/L)	175	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Magnesium (mg/L)	1.45	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Magnesium (mg/L)	10.1	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Magnesium (mg/L)	0.868	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Magnesium (mg/L)	6.17	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Manganese (µg/L)	13.2	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Manganese (µg/L)	1760	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Manganese (µg/L)	3.09	EPA:200.7	J	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Manganese (µg/L)	1370	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Mercury (µg/L)	0.765	EPA:245.2	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Mercury (µg/L)	0.251	EPA:245.2	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Nickel (µg/L)	0.98	EPA:200.8	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Nickel (µg/L)	46.6	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Nickel (µg/L)	0.600	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Nickel (µg/L)	22.5	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Potassium (mg/L)	6.1	EPA:200.7	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Potassium (mg/L)	11.9	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Potassium (mg/L)	4.5	EPA:200.7	J+	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Potassium (mg/L)	9.82	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174194	08/27/2019	07/25/2019	UF	Radium-226 (pCi/L)	1.14	EPA:903.1	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174224	11/12/2019	10/04/2019	UF	Radium-226 (pCi/L)	1.32	EPA:903.1	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174194	08/27/2019	07/25/2019	UF	Radium-226 and Radium-228 (pCi/L)	2.93	Generic: Radium by Calculation	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174224	11/12/2019	10/04/2019	UF	Radium-226 and Radium-228 (pCi/L)	2.47	Generic: Radium by Calculation	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174194	08/27/2019	07/25/2019	UF	Radium-228 (pCi/L)	1.79	EPA:904	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174224	11/12/2019	10/04/2019	UF	Radium-228 (pCi/L)	1.15	EPA:904	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174194	08/27/2019	07/25/2019	UF	RDX (µg/L)	0.0858	SW-846:8330B	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174224	11/12/2019	10/04/2019	UF	RDX (µg/L)	0.239	SW-846:8330B	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Selenium (µg/L)	2.83	EPA:200.8	J	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Selenium (µg/L)	3.05	EPA:200.8	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Silver (µg/L)	0.619	EPA:200.8	J	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Silver (µg/L)	0.512	EPA:200.8	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Sodium (mg/L)	5.2	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Sodium (mg/L)	6.76	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Sodium (mg/L)	4.46	EPA:200.7	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Sodium (mg/L)	5.95	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174194	08/27/2019	07/25/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.0858	SW-846:8330B	U	No
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174224	11/12/2019	10/04/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.552	SW-846:8330B	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Uranium (µg/L)	14.7	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Uranium (µg/L)	507	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Uranium (µg/L)	6.48	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Uranium (µg/L)	39.9	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Vanadium (µg/L)	3.4	EPA:200.7	J	Yes
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Vanadium (µg/L)	48.4	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Vanadium (µg/L)	1.86	EPA:200.7	J	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Vanadium (µg/L)	35.4	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174149	08/27/2019	07/25/2019	F	Zinc (µg/L)	10.7	EPA:200.7	U	No
A002	A-SMA-2	SS140212	N3B-2019-2711	WT_IPC-19-174927	08/27/2019	07/25/2019	UF	Zinc (µg/L)	752	EPA:200.8	NQ	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174250	11/12/2019	10/04/2019	F	Zinc (µg/L)	19.2	EPA:200.7	J	Yes
A002	A-SMA-2	SS140212	N3B-2020-53	WT_IPC-19-174947	11/12/2019	10/04/2019	UF	Zinc (µg/L)	233	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Aluminum (µg/L)	64,800	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Aluminum (µg/L)	126	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Antimony (µg/L)	1.57	EPA:200.8	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Arsenic (µg/L)	12.8	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Barium (µg/L)	908	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Barium (µg/L)	107	EPA:200.7	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Beryllium (µg/L)	4.68	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Boron (µg/L)	18.5	EPA:200.7	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Cadmium (µg/L)	0.891	EPA:200.8	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Calcium (mg/L)	127	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Calcium (mg/L)	30.3	EPA:200.7	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Chromium (µg/L)	39.5	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Cobalt (µg/L)	21.4	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Cobalt (µg/L)	1.3	EPA:200.7	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Copper (µg/L)	46.4	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Copper (µg/L)	2.14	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173376	09/03/2019	07/26/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173376	09/03/2019	07/26/2019	UF	Gross alpha (pCi/L)	199	EPA:900	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Hardness (mg/L)	84.3	SM:A2340B	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Iron (µg/L)	42200	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Iron (µg/L)	86.8	EPA:200.7	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Lead (µg/L)	73.1	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Magnesium (mg/L)	25.1	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Magnesium (mg/L)	2.07	EPA:200.7	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Manganese (µg/L)	1390	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Manganese (µg/L)	26.2	EPA:200.7	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Mercury (µg/L)	0.092	EPA:245.2	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Nickel (µg/L)	43	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Nickel (µg/L)	1.24	EPA:200.8	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Potassium (mg/L)	20.3	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Potassium (mg/L)	6.79	EPA:200.7	J+	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173376	09/03/2019	07/26/2019	UF	Radium-226 (pCi/L)	2.61	EPA:903.1	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173376	09/03/2019	07/26/2019	UF	Radium-226 and Radium-228 (pCi/L)	5.24	Generic: radium by calculation	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173376	09/03/2019	07/26/2019	UF	Radium-228 (pCi/L)	2.64	EPA:904	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Selenium (µg/L)	4.71	EPA:200.8	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Sodium (mg/L)	1.27	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Sodium (mg/L)	0.289	EPA:200.7	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Thallium (µg/L)	0.775	EPA:200.8	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Uranium (µg/L)	2.6	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Uranium (µg/L)	0.207	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Vanadium (µg/L)	82.8	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Vanadium (µg/L)	4.62	EPA:200.7	J	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-175020	09/03/2019	07/26/2019	UF	Zinc (µg/L)	226	EPA:200.8	NQ	Yes
D003	DP-SMA-0.6	SS081902	N3B-2019-2788	WT_IPC-19-173408	09/03/2019	07/26/2019	F	Zinc (µg/L)	9.52	EPA:200.7	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Aluminum (µg/L)	382	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Aluminum (µg/L)	35,000	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Aluminum (µg/L)	72,600	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Aluminum (µg/L)	471	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Arsenic (µg/L)	7.4	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Arsenic (µg/L)	11.4	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Barium (µg/L)	60.9	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Barium (µg/L)	493	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Barium (µg/L)	936	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Barium (µg/L)	54.3	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Beryllium (µg/L)	3.28	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Beryllium (µg/L)	5.41	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Boron (µg/L)	15.6	EPA:200.7	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Boron (µg/L)	18.1	EPA:200.7	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Cadmium (µg/L)	0.554	EPA:200.8	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Cadmium (µg/L)	0.826	EPA:200.8	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Calcium (mg/L)	16.1	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Calcium (mg/L)	24.2	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Calcium (mg/L)	51.7	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Calcium (mg/L)	13.2	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Chromium (µg/L)	19.9	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Chromium (µg/L)	42.5	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Cobalt (µg/L)	1.03	EPA:200.7	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Cobalt (µg/L)	13.4	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Cobalt (µg/L)	27.8	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Cobalt (µg/L)	1.04	EPA:200.7	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Copper (µg/L)	1.52	EPA:200.8	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Copper (µg/L)	18.2	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Copper (µg/L)	38.7	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Copper (µg/L)	2.21	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174183	09/03/2019	07/25/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174235	09/16/2019	08/09/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174183	09/03/2019	07/25/2019	UF	Gross alpha (pCi/L)	66.5	EPA:900	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174235	09/16/2019	08/09/2019	UF	Gross alpha (pCi/L)	164	EPA:900	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Hardness (mg/L)	46.7	SM:A2340B	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Hardness (mg/L)	40.3	SM:A2340B	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Iron (µg/L)	241	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Iron (µg/L)	24,000	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Iron (µg/L)	47,000	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Iron (µg/L)	468	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Lead (µg/L)	44.4	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Lead (µg/L)	86.9	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Magnesium (mg/L)	1.57	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Magnesium (mg/L)	8.19	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Magnesium (mg/L)	17.8	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Magnesium (mg/L)	1.81	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Manganese (µg/L)	93.6	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Manganese (µg/L)	852	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Manganese (µg/L)	1870	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Manganese (µg/L)	76.2	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Mercury (µg/L)	0.213	EPA:245.2	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Mercury (µg/L)	0.067	EPA:245.2	R	No
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Mercury (µg/L)	0.067	EPA:245.2	R	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Nickel (µg/L)	1.06	EPA:200.8	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Nickel (µg/L)	18.2	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Nickel (µg/L)	40.6	EPA:200.8	J+	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Nickel (µg/L)	1.36	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Potassium (mg/L)	4.23	EPA:200.7	J+	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Potassium (mg/L)	9.82	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Potassium (mg/L)	15.4	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Potassium (mg/L)	3.84	EPA:200.7	J+	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174183	09/03/2019	07/25/2019	UF	Radium-226 (pCi/L)	2.91	EPA:903.1	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174235	09/16/2019	08/09/2019	UF	Radium-226 (pCi/L)	2.76	EPA:903.1	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174183	09/03/2019	07/25/2019	UF	Radium-226 and Radium-228 (pCi/L)	4.83	Generic: radium by calculation	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174235	09/16/2019	08/09/2019	UF	Radium-226 and Radium-228 (pCi/L)	5.54	Generic: radium by calculation	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174183	09/03/2019	07/25/2019	UF	Radium-228 (pCi/L)	1.92	EPA:904	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174235	09/16/2019	08/09/2019	UF	Radium-228 (pCi/L)	2.78	EPA:904	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Selenium (µg/L)	2.32	EPA:200.8	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Selenium (µg/L)	6.08	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Silver (µg/L)	0.301	EPA:200.8	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Sodium (mg/L)	0.482	EPA:200.7	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Sodium (mg/L)	0.952	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Sodium (mg/L)	1.97	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Sodium (mg/L)	1.14	EPA:200.7	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Thallium (µg/L)	0.923	EPA:200.8	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Uranium (µg/L)	0.152	EPA:200.8	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Uranium (µg/L)	1.52	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Uranium (µg/L)	3.64	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Uranium (µg/L)	0.364	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Vanadium (µg/L)	3.58	EPA:200.7	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Vanadium (µg/L)	51.4	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Vanadium (µg/L)	92.7	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Vanadium (µg/L)	4.99	EPA:200.7	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174157	09/03/2019	07/25/2019	F	Zinc (µg/L)	13.7	EPA:200.7	J	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2788	WT_IPC-19-174934	09/03/2019	07/25/2019	UF	Zinc (µg/L)	372	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174954	09/16/2019	08/09/2019	UF	Zinc (µg/L)	591	EPA:200.8	NQ	Yes
D007	DP-SMA-3	SS181909	N3B-2019-2975	WT_IPC-19-174258	09/16/2019	08/09/2019	F	Zinc (µg/L)	18.2	EPA:200.7	J	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Aluminum (µg/L)	75,000	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Aluminum (µg/L)	498	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Antimony (µg/L)	581	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Antimony (µg/L)	529	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Arsenic (µg/L)	45.2	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Arsenic (µg/L)	10.2	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Barium (µg/L)	5650	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Barium (µg/L)	124	EPA:200.7	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Beryllium (µg/L)	25	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Boron (µg/L)	48.1	EPA:200.7	J	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Cadmium (µg/L)	25.3	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Calcium (mg/L)	176	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Calcium (mg/L)	35.5	EPA:200.7	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Chromium (µg/L)	75.9	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Cobalt (µg/L)	205	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Cobalt (µg/L)	8.07	EPA:200.7	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Copper (µg/L)	72.1	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Copper (µg/L)	3.65	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173365	09/03/2019	07/26/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173365	09/03/2019	07/26/2019	UF	Gross alpha (pCi/L)	2320	EPA:900	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Hardness (mg/L)	107	SM:A2340B	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Iron (µg/L)	127,000	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Iron (µg/L)	1940	EPA:200.7	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Lead (µg/L)	2550	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Lead (µg/L)	8.17	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Magnesium (mg/L)	27.7	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Magnesium (mg/L)	4.53	EPA:200.7	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Manganese (µg/L)	14,800	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Manganese (µg/L)	1740	EPA:200.7	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Mercury (µg/L)	0.302	EPA:245.2	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Nickel (µg/L)	119	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Nickel (µg/L)	7.03	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Potassium (mg/L)	33.2	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Potassium (mg/L)	7.51	EPA:200.7	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173365	09/03/2019	07/26/2019	UF	Radium-226 (pCi/L)	20.3	EPA:903.1	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173365	09/03/2019	07/26/2019	UF	Radium-226 and Radium-228 (pCi/L)	33.7	Generic: radium by calculation	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173365	09/03/2019	07/26/2019	UF	Radium-228 (pCi/L)	13.4	EPA:904	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Selenium (µg/L)	12.1	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Silver (µg/L)	0.666	EPA:200.8	J	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Sodium (mg/L)	3.24	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Sodium (mg/L)	1.61	EPA:200.7	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Thallium (µg/L)	1.27	EPA:200.8	J	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Uranium (µg/L)	11.6	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Uranium (µg/L)	2.06	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Vanadium (µg/L)	299	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Vanadium (µg/L)	4.84	EPA:200.7	J	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-174995	09/03/2019	07/26/2019	UF	Zinc (µg/L)	17,800	EPA:200.8	NQ	Yes
L013	LA-SMA-5.2	SS131046	N3B-2019-2837	WT_IPC-19-173397	09/03/2019	07/26/2019	F	Zinc (µg/L)	79.8	EPA:200.7	J+	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173383	09/16/2019	08/07/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173383	09/16/2019	08/07/2019	UF	Gross alpha (pCi/L)	325	EPA:900	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173383	09/16/2019	08/07/2019	UF	Radium-226 (pCi/L)	2.85	EPA:903.1	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173383	09/16/2019	08/07/2019	UF	Radium-226 and Radium-228 (pCi/L)	13	Generic: radium by calculation	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173383	09/16/2019	08/07/2019	UF	Radium-228 (pCi/L)	10.1	EPA:904	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Aluminum (µg/L)	330	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Aluminum (µg/L)	25,100	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Arsenic (µg/L)	2.08	EPA:200.8	J	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Arsenic (µg/L)	9.06	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Barium (µg/L)	65.5	EPA:200.7	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Barium (µg/L)	309	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Beryllium (µg/L)	5.3	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Boron (µg/L)	33.7	EPA:200.7	J	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Cadmium (µg/L)	1.01	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Calcium (mg/L)	29.2	EPA:200.7	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Calcium (mg/L)	41.6	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Chromium (µg/L)	12.3	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Cobalt (µg/L)	1.00	EPA:200.7	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Cobalt (µg/L)	7.03	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Copper (µg/L)	4.08	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Copper (µg/L)	26.8	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Hardness (mg/L)	87.7	SM:A2340B	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Iron (µg/L)	206	EPA:200.7	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Iron (µg/L)	13,800	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Lead (µg/L)	0.752	EPA:200.8	J	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Lead (µg/L)	93.5	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Magnesium (mg/L)	3.6	EPA:200.7	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Magnesium (mg/L)	8.59	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Manganese (µg/L)	15.4	EPA:200.7	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Manganese (µg/L)	1700	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Mercury (µg/L)	0.067	EPA:245.2	R	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Mercury (µg/L)	0.067	EPA:245.2	R	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Nickel (µg/L)	1.56	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Nickel (µg/L)	12.4	EPA:200.8	J+	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Potassium (mg/L)	19.6	EPA:200.7	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Potassium (mg/L)	25.1	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Selenium (µg/L)	9.03	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Silver (µg/L)	0.369	EPA:200.8	J	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Sodium (mg/L)	314	EPA:200.7	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Sodium (mg/L)	327	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Thallium (µg/L)	0.964	EPA:200.8	J	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Uranium (µg/L)	0.285	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Uranium (µg/L)	5.06	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Vanadium (µg/L)	1.00	EPA:200.7	U	No
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Vanadium (µg/L)	22.6	EPA:200.8	NQ	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-173415	09/16/2019	08/07/2019	F	Zinc (µg/L)	8.1	EPA:200.7	J	Yes
L017	LA-SMA-5.361	SS181050	N3B-2019-2975	WT_IPC-19-174996	09/16/2019	08/07/2019	UF	Zinc (µg/L)	203	EPA:200.8	J+	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Acenaphthene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Acenaphthylene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Aluminum (µg/L)	40,900	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Aluminum (µg/L)	902	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Anthracene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Antimony (µg/L)	2.35	EPA:200.8	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Arsenic (µg/L)	12.1	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Barium (µg/L)	535	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Barium (µg/L)	23.8	EPA:200.7	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Benzo(a)anthracene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Benzo(a)pyrene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Benzo(b)fluoranthene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Benzo(g,h,i)perylene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Benzo(k)fluoranthene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Beryllium (µg/L)	5.63	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Boron (µg/L)	27.1	EPA:200.7	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Cadmium (µg/L)	28.2	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Cadmium (µg/L)	0.41	EPA:200.8	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Calcium (mg/L)	24.4	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Calcium (mg/L)	7.34	EPA:200.7	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Chromium (µg/L)	33.2	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Chrysene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Cobalt (µg/L)	13.4	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Cobalt (µg/L)	1.36	EPA:200.7	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Copper (µg/L)	46.3	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Copper (µg/L)	3.53	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Dibenz(a,h)anthracene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Fluoranthene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Fluorene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Gross alpha (pCi/L)	857	EPA:900	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Hardness (mg/L)	23.2	SM:A2340B	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Hexachlorobenzene (µg/L)	0.012	SW-846:8081B	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Indeno(1,2,3-cd)pyrene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Iron (µg/L)	25,200	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Iron (µg/L)	457	EPA:200.7	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Lead (µg/L)	196	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Lead (µg/L)	1.31	EPA:200.8	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Magnesium (mg/L)	9.21	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Magnesium (mg/L)	1.18	EPA:200.7	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Manganese (µg/L)	1780	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Manganese (µg/L)	9.44	EPA:200.7	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Mercury (µg/L)	0.292	EPA:245.2	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Methylnaphthalene[1-] (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Methylnaphthalene[2-] (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Naphthalene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Nickel (µg/L)	22.5	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Nickel (µg/L)	1.19	EPA:200.8	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Pentachlorophenol (µg/L)	3.8	EPA:625	UJ	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Phenanthrene (µg/L)	0.0408	EPA:625.1	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Potassium (mg/L)	13.9	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Potassium (mg/L)	4.35	EPA:200.7	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Pyrene (µg/L)	0.0408	EPA:625.1	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Radium-226 (pCi/L)	7.16	EPA:903.1	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Radium-226 and Radium-228 (pCi/L)	20.9	Generic:radium by calculation	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173819	08/27/2019	07/26/2019	UF	Radium-228 (pCi/L)	13.7	EPA:904	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Selenium (µg/L)	5.66	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Silver (µg/L)	0.566	EPA:200.8	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Sodium (mg/L)	4.48	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Sodium (mg/L)	1.26	EPA:200.7	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Thallium (µg/L)	0.73	EPA:200.8	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Uranium (µg/L)	17.6	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Uranium (µg/L)	1.17	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Vanadium (µg/L)	42.6	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Vanadium (µg/L)	1.48	EPA:200.7	J	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-174997	08/27/2019	07/26/2019	UF	Zinc (µg/L)	273	EPA:200.8	NQ	Yes
L022	LA-SMA-6.3	SS028	N3B-2019-2711	WT_IPC-19-173823	08/27/2019	07/26/2019	F	Zinc (µg/L)	11.4	EPA:200.7	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Acenaphthene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Acenaphthylene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Aluminum (µg/L)	64,500	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Aluminum (µg/L)	301	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Anthracene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Antimony (µg/L)	1.78	EPA:200.8	J	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Arsenic (µg/L)	19.1	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Barium (µg/L)	1280	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Barium (µg/L)	13.8	EPA:200.7	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Benzo(a)anthracene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Benzo(a)pyrene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Benzo(b)fluoranthene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Benzo(g,h,i)perylene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Benzo(k)fluoranthene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Beryllium (µg/L)	14.2	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Boron (µg/L)	15.0	EPA:200.7	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Cadmium (µg/L)	5.76	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Calcium (mg/L)	56.4	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Calcium (mg/L)	2.96	EPA:200.7	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Chromium (µg/L)	37.3	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Chrysene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Cobalt (µg/L)	32.9	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Cobalt (µg/L)	1.51	EPA:200.7	J	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Copper (µg/L)	155	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Copper (µg/L)	2.65	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00192	SM:4500CN-I	J	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Dibenz(a,h)anthracene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Fluoranthene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Fluorene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Gross alpha (pCi/L)	217	EPA:900	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Hardness (mg/L)	9.65	SM:A2340B	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Hexachlorobenzene (µg/L)	0.0145	SW-846:8081B	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Indeno(1,2,3-cd)pyrene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Iron (µg/L)	41,600	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Iron (µg/L)	174	EPA:200.7	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Lead (µg/L)	405	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Lead (µg/L)	0.741	EPA:200.8	J	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Magnesium (mg/L)	14.5	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Magnesium (mg/L)	0.546	EPA:200.7	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Manganese (µg/L)	4430	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Manganese (µg/L)	70.1	EPA:200.7	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Mercury (µg/L)	0.618	EPA:245.2	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Methylnaphthalene[1-] (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Methylnaphthalene[2-] (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Naphthalene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Nickel (µg/L)	55.9	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Nickel (µg/L)	0.772	EPA:200.8	J	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Pentachlorophenol (µg/L)	6.42	EPA:625	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Phenanthrene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Potassium (mg/L)	17.7	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Potassium (mg/L)	2.99	EPA:200.7	J+	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Pyrene (µg/L)	0.0642	EPA:625.1	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Radium-226 (pCi/L)	0.953	EPA:903.1	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Radium-226 and Radium-228 (pCi/L)	3.47	Generic:adium by calculation	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Radium-228 (pCi/L)	2.51	EPA:904	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	RDX (µg/L)	1.42	SW-846:8330B	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Selenium (µg/L)	12.2	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Silver (µg/L)	2.5	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Sodium (mg/L)	4.84	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Sodium (mg/L)	0.278	EPA:200.7	J	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Thallium (µg/L)	1.18	EPA:200.8	J	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173844	08/27/2019	07/25/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.495	SW-846:8330B	U	No
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Uranium (µg/L)	38.1	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Uranium (µg/L)	0.338	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Vanadium (µg/L)	87.8	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Vanadium (µg/L)	2.29	EPA:200.7	J	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-175000	08/27/2019	07/25/2019	UF	Zinc (µg/L)	466	EPA:200.8	NQ	Yes
M016	M-SMA-12.5	SS2055	N3B-2019-2677	WT_IPC-19-173849	08/27/2019	07/25/2019	F	Zinc (µg/L)	6.85	EPA:200.7	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Acenaphthene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Acenaphthylene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Aluminum (µg/L)	849	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Aluminum (µg/L)	35,500	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Anthracene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Antimony (µg/L)	1.26	EPA:200.8	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Antimony (µg/L)	1.08	EPA:200.8	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Arsenic (µg/L)	11.2	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Barium (µg/L)	27.6	EPA:200.7	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Barium (µg/L)	573	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Benzo(a)anthracene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Benzo(a)pyrene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Benzo(b)fluoranthene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Benzo(g,h,i)perylene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Benzo(k)fluoranthene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Beryllium (µg/L)	4.94	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Boron (µg/L)	15.0	EPA:200.7	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Cadmium (µg/L)	2.26	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Calcium (mg/L)	3.94	EPA:200.7	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Calcium (mg/L)	17.5	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Chromium (µg/L)	20.4	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Chrysene (µg/L)	0.0625	EPA:625.1	U	N
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Cobalt (µg/L)	1.24	EPA:200.7	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Cobalt (µg/L)	12	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Copper (µg/L)	4.29	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Copper (µg/L)	101	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Dibenz(a,h)anthracene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Fluoranthene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Fluorene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Gross alpha (pCi/L)	338	EPA:900	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Hardness (mg/L)	13.7	SM:A2340B	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Hexachlorobenzene (µg/L)	0.00679	SW-846:8081B	UJ	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Indeno(1,2,3-cd)pyrene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Iron (µg/L)	562	EPA:200.7	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Iron (µg/L)	25,500	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Lead (µg/L)	1.73	EPA:200.8	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Lead (µg/L)	130	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Magnesium (mg/L)	0.945	EPA:200.7	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Magnesium (mg/L)	7.33	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Manganese (µg/L)	174	EPA:200.7	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Manganese (µg/L)	1520	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Mercury (µg/L)	0.19	EPA:245.2	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Methylnaphthalene[1-] (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Methylnaphthalene[2-] (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Naphthalene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Nickel (µg/L)	1.31	EPA:200.8	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Nickel (µg/L)	23.6	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Pentachlorophenol (µg/L)	6.25	EPA:625	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Phenanthrene (µg/L)	0.0625	EPA:625.1	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Potassium (mg/L)	5.08	EPA:200.7	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Potassium (mg/L)	12.6	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Pyrene (µg/L)	0.0625	EPA:625.1	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Radium-226 (pCi/L)	8.89	EPA:903.1	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Radium-226 and Radium-228 (pCi/L)	20.4	Generic:radium by calculation	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Radium-228 (pCi/L)	11.5	EPA:904	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	RDX (µg/L)	0.304	SW-846:8330B	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Selenium (µg/L)	7.07	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Sodium (mg/L)	0.405	EPA:200.7	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Sodium (mg/L)	2.02	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173846	09/03/2019	07/25/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.304	SW-846:8330B	U	No
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Uranium (µg/L)	1.81	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Uranium (µg/L)	50.9	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Vanadium (µg/L)	1.83	EPA:200.7	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Vanadium (µg/L)	41.4	EPA:200.8	NQ	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-173851	09/03/2019	07/25/2019	F	Zinc (µg/L)	8.85	EPA:200.7	J	Yes
M019	M-SMA-12.8	SS2024	N3B-2019-2746	WT_IPC-19-175002	09/03/2019	07/25/2019	UF	Zinc (µg/L)	172	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Aluminum (µg/L)	227	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Aluminum (µg/L)	8780	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Antimony (µg/L)	1.22	EPA:200.8	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Arsenic (µg/L)	3.92	EPA:200.8	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Barium (µg/L)	58.7	EPA:200.7	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Barium (µg/L)	343	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Beryllium (µg/L)	0.46	EPA:200.8	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Beryllium (µg/L)	5.93	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Boron (µg/L)	36.7	EPA:200.7	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Cadmium (µg/L)	2.1	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Calcium (mg/L)	10.4	EPA:200.7	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Calcium (mg/L)	22	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Chromium (µg/L)	3.11	EPA:200.8	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Cobalt (µg/L)	1.93	EPA:200.7	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Cobalt (µg/L)	6.22	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Copper (µg/L)	92.7	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Copper (µg/L)	433	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174184	08/05/2019	07/02/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174184	08/05/2019	07/02/2019	UF	Gross alpha (pCi/L)	70.5	EPA:900	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Hardness (mg/L)	36	SM:A2340B	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Iron (µg/L)	195	EPA:200.7	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Iron (µg/L)	5130	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Lead (µg/L)	1.01	EPA:200.8	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Lead (µg/L)	86.3	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Magnesium (mg/L)	2.42	EPA:200.7	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Magnesium (mg/L)	4.47	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Manganese (µg/L)	566	EPA:200.7	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Manganese (µg/L)	1670	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Mercury (µg/L)	0.133	EPA:245.2	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Nickel (µg/L)	4.05	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Nickel (µg/L)	17.2	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Potassium (mg/L)	20.2	EPA:200.7	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Potassium (mg/L)	24.9	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174184	08/05/2019	07/02/2019	UF	Radium-226 (pCi/L)	0.501	EPA:903.1	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174184	08/05/2019	07/02/2019	UF	Radium-226 and Radium-228 (pCi/L)	1.47	Generic:radium by calculation	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174184	08/05/2019	07/02/2019	UF	Radium-228 (pCi/L)	0.972	EPA:904	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Selenium (µg/L)	3.94	EPA:200.8	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Silver (µg/L)	0.344	EPA:200.8	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Sodium (mg/L)	0.36	EPA:200.7	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Sodium (mg/L)	1.74	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Uranium (µg/L)	0.445	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Uranium (µg/L)	1.71	EPA:200.8	NQ	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Vanadium (µg/L)	1.00	EPA:200.7	U	No
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Vanadium (µg/L)	12.8	EPA:200.8	J	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174161	08/05/2019	07/02/2019	F	Zinc (µg/L)	33.4	EPA:200.7	J+	Yes
J013	PJ-SMA-11	SS152341	N3B-2019-2379	WT_IPC-19-174937	08/05/2019	07/02/2019	UF	Zinc (µg/L)	252	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Aluminum (µg/L)	128	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Aluminum (µg/L)	20,000	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Antimony (µg/L)	1.99	EPA:200.8	J	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Antimony (µg/L)	3.65	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Arsenic (µg/L)	2.17	EPA:200.8	J	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Arsenic (µg/L)	12.5	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Barium (µg/L)	63.4	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Barium (µg/L)	655	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Beryllium (µg/L)	2.62	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Boron (µg/L)	37.9	EPA:200.7	J	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Cadmium (µg/L)	5.64	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Calcium (mg/L)	6.4	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Calcium (mg/L)	18.8	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Chromium (µg/L)	36.4	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Cobalt (µg/L)	1.83	EPA:200.7	J	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Cobalt (µg/L)	12	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Copper (µg/L)	14.8	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Copper (µg/L)	188	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00202	SM:4500CN-I	J	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Gross alpha (pCi/L)	667	EPA:900	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Hardness (mg/L)	24.8	SM:A2340B	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Iron (µg/L)	4460	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Iron (µg/L)	17,900	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Lead (µg/L)	0.54	EPA:200.8	J	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Lead (µg/L)	257	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Magnesium (mg/L)	2.13	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Magnesium (mg/L)	5.24	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Manganese (µg/L)	267	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Manganese (µg/L)	1800	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Mercury (µg/L)	9.28	EPA:245.2	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Nickel (µg/L)	1.66	EPA:200.8	J	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Nickel (µg/L)	20.2	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-1 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-10 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-103 (µg/L)	0.0012	EPA:1668C	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-104 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-105 (µg/L)	0.0165	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-106 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-107 (µg/L)	0.00293	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-108/PCB-124 (µg/L)	0.00266	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-11 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-110/PCB-115 (µg/L)	0.116	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-111 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-112 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-114 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-118 (µg/L)	0.052	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-12/PCB-13 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-120 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-121 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-122 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-123 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-126 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-127 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-128/PCB-166 (µg/L)	0.0306	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-129/PCB-138/ PCB-163 (µg/L)	0.381	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-130 (µg/L)	0.013	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-131 (µg/L)	0.00213	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-132 (µg/L)	0.0914	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-133 (µg/L)	0.00348	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-134 (µg/L)	0.01	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-135/PCB-151 (µg/L)	0.127	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-136 (µg/L)	0.0404	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-137 (µg/L)	0.0018	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-139/PCB-140 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-14 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-141 (µg/L)	0.0803	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-142 (µg/L)	0.0018	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-143 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-144 (µg/L)	0.0152	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-145 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-146 (µg/L)	0.0374	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-147/PCB-149 (µg/L)	0.289	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-148 (µg/L)	0.0012	EPA:1668C	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-15 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-150 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-152 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-153/PCB-168 (µg/L)	0.353	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-154 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-155 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-156/PCB-157 (µg/L)	0.0278	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-158 (µg/L)	0.0272	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-159 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-16 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-160 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-161 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-162 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-164 (µg/L)	0.0327	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-165 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-167 (µg/L)	0.0111	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-169 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-17 (µg/L)	0.0018	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-170 (µg/L)	0.133	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-171/PCB-173 (µg/L)	0.0369	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-172 (µg/L)	0.0216	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-174 (µg/L)	0.138	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-175 (µg/L)	0.00349	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-176 (µg/L)	0.0137	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-177 (µg/L)	0.0799	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-178 (µg/L)	0.0243	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-179 (µg/L)	0.0511	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-18/PCB-30 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-180/PCB-193 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-181 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-182 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-183/PCB-185 (µg/L)	0.079	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-184 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-186 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-187 (µg/L)	0.131	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-188 (µg/L)	0.0018	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-189 (µg/L)	0.00478	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-19 (µg/L)	0.0012	EPA:1668C	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-190 (µg/L)	0.0298	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-191 (µg/L)	0.00416	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-192 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-194 (µg/L)	0.0475	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-195 (µg/L)	0.0225	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-196 (µg/L)	0.0222	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-197/PCB-200 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-198/PCB-199 (µg/L)	0.0495	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-2 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-20/PCB-28 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-201 (µg/L)	0.00446	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-202 (µg/L)	0.00785	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-203 (µg/L)	0.0316	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-204 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-205 (µg/L)	0.00273	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-206 (µg/L)	0.00923	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-207 (µg/L)	0.00125	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-208 (µg/L)	0.00188	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-209 (µg/L)	0.00302	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-21/PCB-33 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-22 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-23 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-24 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-25 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-26/PCB-29 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-27 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-3 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-31 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-32 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-34 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-35 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-36 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-37 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-38 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-39 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-4 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-40/PCB-71 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-41 (µg/L)	0.0018	EPA:1668C	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-42 (µg/L)	0.0018	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-43 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-44/PCB-47 /PCB-65 (µg/L)	0.00361	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-45/PCB-51 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-46 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-48 (µg/L)	0.0018	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-49/PCB-69 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-5 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-50/PCB-53 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-52 (µg/L)	0.00819	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-54 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-55 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-56 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-57 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-58 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-59/PCB-62/ PCB-75 (µg/L)	0.00361	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-6 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-60 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-61/PCB-70/PCB-74/ PCB-76 (µg/L)	0.00481	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-63 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-64 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-66 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-67 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-68 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-7 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-72 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-73 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-77 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-78 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-79 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-8 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-80 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-81 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-82 (µg/L)	0.00534	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-83 (µg/L)	0.00468	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-84 (µg/L)	0.0111	EPA:1668C	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-85/PCB-116/ PCB-117 (µg/L)	0.0128	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-86/87/97/109/119/ 125 (µg/L)	0.0422	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-88/PCB-91 (µg/L)	0.00711	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-89 (µg/L)	0.0018	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-9 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-90/PCB-101/ PCB-113 (µg/L)	0.127	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-92 (µg/L)	0.0179	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-93/PCB-100 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-94 (µg/L)	0.0012	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-95 (µg/L)	0.0859	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-96 (µg/L)	0.0018	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-98/PCB-102 (µg/L)	0.0024	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	PCB-99 (µg/L)	0.0257	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Potassium (mg/L)	8.79	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Potassium (mg/L)	10.2	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Radium-226 (pCi/L)	1.87	EPA:903.1	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Radium-226 and Radium-228 (pCi/L)	5.29	Generic:radium by calculation	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Radium-228 (pCi/L)	3.43	EPA:904	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Selenium (µg/L)	3.24	EPA:200.8	J	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Silver (µg/L)	57.1	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Sodium (mg/L)	16.2	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Sodium (mg/L)	2.52	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total decaCB[d] (µg/L)	0.00302	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total diCB (µg/L)	0	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total heptaCB (µg/L)	0.751	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total hexaCB (µg/L)	1.57	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total monoCB (µg/L)	0	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total nonaCB (µg/L)	0.0124	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total octaCB (µg/L)	0.188	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total PCB (µg/L)	3.07	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total pentaCB (µg/L)	0.53	EPA:1668C	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total tetraCB (µg/L)	0.00819	EPA:1668C	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
P008	P-SMA-2.2	SS180807	N3B-2019-2750	WT_IPC-19-173671	09/03/2019	07/25/2019	UF	Total triCB (µg/L)	0	EPA:1668C	U	No
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Uranium (µg/L)	0.925	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Uranium (µg/L)	34.7	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Vanadium (µg/L)	9.53	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Vanadium (µg/L)	67.8	EPA:200.8	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-173690	09/03/2019	07/25/2019	F	Zinc (µg/L)	81.7	EPA:200.7	NQ	Yes
P008	P-SMA-2.2	SS180807	N3B-2019-2748	WT_IPC-19-175007	09/03/2019	07/25/2019	UF	Zinc (µg/L)	516	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Acenaphthene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Acenaphthene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Acenaphthylene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Acenaphthylene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Aluminum (µg/L)	132	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Aluminum (µg/L)	21,300	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Aluminum (µg/L)	1090	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Aluminum (µg/L)	55.6	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Anthracene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Anthracene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Antimony (µg/L)	5.73	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Antimony (µg/L)	6.11	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Antimony (µg/L)	2.52	EPA:200.8	J	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Antimony (µg/L)	2.81	EPA:200.8	J	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Arsenic (µg/L)	4.81	EPA:200.8	J	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Arsenic (µg/L)	2.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Barium (µg/L)	44.3	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Barium (µg/L)	512	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Barium (µg/L)	142	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Barium (µg/L)	15.2	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Benzo(a)anthracene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Benzo(a)anthracene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Benzo(a)pyrene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Benzo(a)pyrene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Benzo(b)fluoranthene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Benzo(b)fluoranthene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Benzo(g,h,i)perylene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Benzo(g,h,i)perylene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Benzo(k)fluoranthene (µg/L)	0.0462	EPA:625.1	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Benzo(k)fluoranthene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Beryllium (µg/L)	2.76	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Beryllium (µg/L)	0.424	EPA:200.8	J	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Boron (µg/L)	22.9	EPA:200.7	J	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Boron (µg/L)	15.0	EPA:200.7	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Cadmium (µg/L)	0.819	EPA:200.8	J	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Cadmium (µg/L)	0.300	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Calcium (mg/L)	3.65	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Calcium (mg/L)	11.6	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Calcium (mg/L)	4.8	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Calcium (mg/L)	1.64	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Chloronaphthalene[2-] (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Chromium (µg/L)	11.3	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Chromium (µg/L)	3.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Chrysene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Chrysene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Cobalt (µg/L)	1.9	EPA:200.7	J	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Cobalt (µg/L)	7.4	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Cobalt (µg/L)	1.49	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Cobalt (µg/L)	1.25	EPA:200.7	J	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Copper (µg/L)	5.15	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Copper (µg/L)	63.1	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Copper (µg/L)	18.1	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Copper (µg/L)	3.66	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Dibenz(a,h)anthracene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Dibenz(a,h)anthracene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Fluoranthene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Fluoranthene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Fluorene (µg/L)	0.0462	EPA:625.1	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Fluorene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Gross alpha (pCi/L)	137	EPA:900	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Gross alpha (pCi/L)	78.6	EPA:900	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Hardness (mg/L)	12.2	SM:A2340B	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Hardness (mg/L)	5.44	SM:A2340B	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Hexachlorobenzene (µg/L)	0.00818	SW-846:8081B	UJ	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Hexachlorobenzene (µg/L)	0.0136	SW-846:8081B	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Indeno(1,2,3-cd)pyrene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Indeno(1,2,3-cd)pyrene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Iron (µg/L)	174	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Iron (µg/L)	14,300	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Iron (µg/L)	526	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Iron (µg/L)	40.6	EPA:200.7	J	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Lead (µg/L)	44.1	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Lead (µg/L)	8.1	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Magnesium (mg/L)	0.744	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Magnesium (mg/L)	4.53	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Magnesium (mg/L)	0.724	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Magnesium (mg/L)	0.323	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Manganese (µg/L)	154	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Manganese (µg/L)	731	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Manganese (µg/L)	207	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Manganese (µg/L)	2.00	EPA:200.7	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Mercury (µg/L)	0.122	EPA:245.2	J	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Mercury (µg/L)	0.076	EPA:245.2	J	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Methylnaphthalene[1-] (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Methylnaphthalene[1-] (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Methylnaphthalene[2-] (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Methylnaphthalene[2-] (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Naphthalene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Naphthalene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Nickel (µg/L)	1.26	EPA:200.8	J	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Nickel (µg/L)	15.4	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Nickel (µg/L)	3.78	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Nickel (µg/L)	1.29	EPA:200.8	J	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Pentachlorophenol (µg/L)	4.62	EPA:625	UJ	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Pentachlorophenol (µg/L)	3.25	EPA:625	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Phenanthrene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Phenanthrene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Potassium (mg/L)	3.97	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Potassium (mg/L)	9.14	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Potassium (mg/L)	3.6	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Potassium (mg/L)	2.92	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Pyrene (µg/L)	0.0462	EPA:625.1	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Pyrene (µg/L)	0.0395	EPA:625.1	UJ	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Radium-226 (pCi/L)	0.859	EPA:903.1	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Radium-226 (pCi/L)	2.12	EPA:903.1	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Radium-226 and Radium-228 (pCi/L)	1.85	Generic:radium by calculation	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Radium-226 and Radium-228 (pCi/L)	3.21	Generic:radium by calculation	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Radium-228 (pCi/L)	0.989	EPA:904	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Radium-228 (pCi/L)	1.09	EPA:904	J-	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	RDX (µg/L)	0.290	SW-846:8330B	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	RDX (µg/L)	0.173	SW-846:8330B	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Selenium (µg/L)	2.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Selenium (µg/L)	2.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Silver (µg/L)	0.576	EPA:200.8	J	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Sodium (mg/L)	0.625	EPA:200.7	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Sodium (mg/L)	2.54	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Sodium (mg/L)	0.311	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Sodium (mg/L)	0.212	EPA:200.7	J	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174208	08/27/2019	07/25/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.290	SW-846:8330B	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174214	11/12/2019	10/04/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.173	SW-846:8330B	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Uranium (µg/L)	3.6	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Uranium (µg/L)	78.1	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Uranium (µg/L)	15	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Uranium (µg/L)	1.99	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Vanadium (µg/L)	1.27	EPA:200.7	J	Yes
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Vanadium (µg/L)	24.5	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Vanadium (µg/L)	3.30	EPA:200.8	U	No
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Vanadium (µg/L)	1.00	EPA:200.7	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174166	08/27/2019	07/25/2019	F	Zinc (µg/L)	12.7	EPA:200.7	U	No
I004	PT-SMA-2	SS2658	N3B-2019-2704	WT_IPC-19-174968	08/27/2019	07/25/2019	UF	Zinc (µg/L)	114	EPA:200.8	NQ	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174973	11/12/2019	10/04/2019	UF	Zinc (µg/L)	31.6	EPA:200.8	J+	Yes
I004	PT-SMA-2	SS2658	N3B-2020-91	WT_IPC-19-174267	11/12/2019	10/04/2019	F	Zinc (µg/L)	5.94	EPA:200.7	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Aluminum (µg/L)	1040	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Aluminum (µg/L)	39,500	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Arsenic (µg/L)	5.66	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Barium (µg/L)	21.1	EPA:200.7	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Barium (µg/L)	423	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Beryllium (µg/L)	2.91	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Boron (µg/L)	15.0	EPA:200.7	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Cadmium (µg/L)	0.319	EPA:200.8	J	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Calcium (mg/L)	2.34	EPA:200.7	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Calcium (mg/L)	11.3	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Chromium (µg/L)	25.4	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Cobalt (µg/L)	1.00	EPA:200.7	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Cobalt (µg/L)	14	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Copper (µg/L)	1.82	EPA:200.8	J	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Copper (µg/L)	24.5	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173580	09/16/2019	08/08/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173580	09/16/2019	08/08/2019	UF	Gross alpha (pCi/L)	74.7	EPA:900	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Hardness (mg/L)	8.69	SM:A2340B	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Iron (µg/L)	996	EPA:200.7	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Iron (µg/L)	26,500	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Lead (µg/L)	1.13	EPA:200.8	J	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Lead (µg/L)	60.2	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Magnesium (mg/L)	0.691	EPA:200.7	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Magnesium (mg/L)	9.37	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Manganese (µg/L)	23	EPA:200.7	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Manganese (µg/L)	966	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Mercury (µg/L)	0.067	EPA:245.2	R	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Mercury (µg/L)	0.067	EPA:245.2	R	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Nickel (µg/L)	1.05	EPA:200.8	J	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Nickel (µg/L)	24.6	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Potassium (mg/L)	2.5	EPA:200.7	J+	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Potassium (mg/L)	10.1	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173580	09/16/2019	08/08/2019	UF	Radium-226 (pCi/L)	1.86	EPA:903.1	J	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173580	09/16/2019	08/08/2019	UF	Radium-226 and Radium-228 (pCi/L)	3.76	Generic:radium by calculation	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173580	09/16/2019	08/08/2019	UF	Radium-228 (pCi/L)	1.9	EPA:904	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173580	09/16/2019	08/08/2019	UF	RDX (µg/L)	0.0851	SW-846:8330B	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Selenium (µg/L)	3.49	EPA:200.8	J	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Sodium (mg/L)	0.642	EPA:200.7	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Sodium (mg/L)	1.89	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173580	09/16/2019	08/08/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.0851	SW-846:8330B	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Uranium (µg/L)	0.117	EPA:200.8	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Uranium (µg/L)	1.55	EPA:200.8	J+	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Vanadium (µg/L)	3.35	EPA:200.7	J	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Vanadium (µg/L)	46.8	EPA:200.8	NQ	Yes
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-173595	09/16/2019	08/08/2019	F	Zinc (µg/L)	3.30	EPA:200.7	U	No
R006	R-SMA-2.5	SS082705	N3B-2019-2906	WT_IPC-19-175022	09/16/2019	08/08/2019	UF	Zinc (µg/L)	110	EPA:200.8	J+	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Acenaphthene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Acenaphthylene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Aluminum (µg/L)	34,600	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Aluminum (µg/L)	442	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Anthracene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Antimony (µg/L)	1.03	EPA:200.8	J	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Antimony (µg/L)	3.1	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Arsenic (µg/L)	6.67	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Barium (µg/L)	433	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Barium (µg/L)	24.8	EPA:200.7	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Benzo(a)anthracene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Benzo(a)pyrene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Benzo(b)fluoranthene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Benzo(g,h,i)perylene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Benzo(k)fluoranthene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Beryllium (µg/L)	4.41	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Boron (µg/L)	21.4	EPA:200.7	J	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Cadmium (µg/L)	0.717	EPA:200.8	J	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Calcium (mg/L)	13.9	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Calcium (mg/L)	4	EPA:200.7	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Chromium (µg/L)	19.2	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Chrysene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Cobalt (µg/L)	15.4	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Cobalt (µg/L)	1.00	EPA:200.7	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Copper (µg/L)	25.6	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Copper (µg/L)	1.84	EPA:200.8	J	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Dibenz(a,h)anthracene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Fluoranthene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Fluorene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Gross alpha (pCi/L)	347	EPA:900	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Hardness (mg/L)	14.2	SM:A2340B	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Hexachlorobenzene (µg/L)	0.555	SW-846:8081B	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Indeno(1,2,3-cd)pyrene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Iron (µg/L)	22,000	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Iron (µg/L)	243	EPA:200.7	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Lead (µg/L)	55.8	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Magnesium (mg/L)	8.03	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Magnesium (mg/L)	1.03	EPA:200.7	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Manganese (µg/L)	1230	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Manganese (µg/L)	62.2	EPA:200.7	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Mercury (µg/L)	0.067	EPA:245.2	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Methylnaphthalene[1-] (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Methylnaphthalene[2-] (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Naphthalene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Nickel (µg/L)	20.3	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Nickel (µg/L)	1.2	EPA:200.8	J	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-1 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-10 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-103 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-104 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-105 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-106 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-107 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-108/PCB-124 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-11 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-110/PCB-115 (µg/L)	0.000277	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-111 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-112 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-114 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-118 (µg/L)	0.000163	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-12/PCB-13 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-120 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-121 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-122 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-123 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-126 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-127 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-128/PCB-166 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-129/PCB-138/ PCB-163 (µg/L)	0.000379	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-130 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-131 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-132 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-133 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-134 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-135/PCB-151 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-136 (µg/L)	0.00011	EPA:1668C	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-137 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-139/PCB-140 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-14 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-141 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-142 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-143 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-144 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-145 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-146 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-147/PCB-149 (µg/L)	0.000255	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-148 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-15 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-150 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-152 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-153/PCB-168 (µg/L)	0.000282	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-154 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-155 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-156/PCB-157 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-158 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-159 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-16 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-160 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-161 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-162 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-164 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-165 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-167 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-169 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-17 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-170 (µg/L)	0.000149	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-171/PCB-173 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-172 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-174 (µg/L)	0.000164	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-175 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-176 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-177 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-178 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-179 (µg/L)	0.00011	EPA:1668C	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-18/PCB-30 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-180/PCB-193 (µg/L)	0.00036	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-181 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-182 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-183/PCB-185 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-184 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-186 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-187 (µg/L)	0.000228	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-188 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-189 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-19 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-190 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-191 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-192 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-194 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-195 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-196 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-197/PCB-200 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-198/PCB-199 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-2 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-20/PCB-28 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-201 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-202 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-203 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-204 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-205 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-206 (µg/L)	0.000121	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-207 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-208 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-209 (µg/L)	0.000168	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-21/PCB-33 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-22 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-23 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-24 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-25 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-26/PCB-29 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-27 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-3 (µg/L)	0.00011	EPA:1668C	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-31 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-32 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-34 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-35 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-36 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-37 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-38 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-39 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-4 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-40/PCB-71 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-41 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-42 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-43 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-44/PCB-47/ PCB-65 (µg/L)	0.000329	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-45/PCB-51 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-46 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-48 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-49/PCB-69 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-5 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-50/PCB-53 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-52 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-54 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-55 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-56 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-57 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-58 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-59/PCB-62/ PCB-75 (µg/L)	0.000329	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-6 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-60 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-61/PCB-70/PCB-74/ PCB-76 (µg/L)	0.000438	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-63 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-64 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-66 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-67 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-68 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-7 (µg/L)	0.00011	EPA:1668C	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-72 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-73 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-77 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-78 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-79 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-8 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-80 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-81 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-82 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-83 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-84 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-85/PCB-116/ PCB-117 (µg/L)	0.000329	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-86/87/97/109/119/ 125 (µg/L)	0.000658	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-88/PCB-91 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-89 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-9 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-90/PCB-101/ PCB-113 (µg/L)	0.000329	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-92 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-93/PCB-100 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-94 (µg/L)	0.00011	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-95 (µg/L)	0.00016	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-96 (µg/L)	0.000164	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-98/PCB-102 (µg/L)	0.000219	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	PCB-99 (µg/L)	0.000112	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Pentachlorophenol (µg/L)	3.23	EPA:625	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Phenanthrene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Potassium (mg/L)	15.9	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Potassium (mg/L)	7.79	EPA:200.7	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Pyrene (µg/L)	0.0323	EPA:625.1	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Radium-226 (pCi/L)	2.86	EPA:903.1	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Radium-226 and Radium-228 (pCi/L)	5.47	Generic:radium by calculation	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Radium-228 (pCi/L)	2.61	EPA:904	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	RDX (µg/L)	0.0898	SW-846:8330B	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Selenium (µg/L)	3.17	EPA:200.8	J	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Sodium (mg/L)	2.37	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Sodium (mg/L)	1.02	EPA:200.7	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total decaCB (µg/L)	0.000168	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total diCB (µg/L)	0	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total heptaCB (µg/L)	0.000901	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total hexaCB (µg/L)	0.000916	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total monoCB (µg/L)	0	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total nonaCB (µg/L)	0.000121	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total octaCB (µg/L)	0	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total PCB (µg/L)	0.00282	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total pentaCB (µg/L)	0.000713	EPA:1668C	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total tetraCB (µg/L)	0	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2739	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Total triCB (µg/L)	0	EPA:1668C	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173901	09/03/2019	07/26/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.0898	SW-846:8330B	U	No
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Uranium (µg/L)	4.67	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Uranium (µg/L)	0.155	EPA:200.8	J	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Vanadium (µg/L)	39.2	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Vanadium (µg/L)	2.28	EPA:200.7	J	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-175050	09/03/2019	07/26/2019	UF	Zinc (µg/L)	194	EPA:200.8	NQ	Yes
S014	S-SMA-5.2	SS101625	N3B-2019-2744	WT_IPC-19-173902	09/03/2019	07/26/2019	F	Zinc (µg/L)	7.54	EPA:200.7	J	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Aluminum (µg/L)	21,600	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Aluminum (µg/L)	160	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Arsenic (µg/L)	8.67	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Barium (µg/L)	628	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Barium (µg/L)	10.2	EPA:200.7	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Beryllium (µg/L)	10.3	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Boron (µg/L)	15.0	EPA:200.7	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Cadmium (µg/L)	2.44	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Calcium (mg/L)	31.3	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Calcium (mg/L)	3.24	EPA:200.7	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Chromium (µg/L)	8.67	EPA:200.8	J	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Cobalt (µg/L)	10.4	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Cobalt (µg/L)	1.00	EPA:200.7	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Copper (µg/L)	30.2	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Copper (µg/L)	1.47	EPA:200.8	J	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173393	09/03/2019	07/26/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173393	09/03/2019	07/26/2019	UF	Gross alpha (pCi/L)	369	EPA:900	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Hardness (mg/L)	10.5	SM:A2340B	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Iron (µg/L)	16,200	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Iron (µg/L)	107	EPA:200.7	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Lead (µg/L)	87.7	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Magnesium (mg/L)	5.19	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Magnesium (mg/L)	0.576	EPA:200.7	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Manganese (µg/L)	5820	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Manganese (µg/L)	92.6	EPA:200.7	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Mercury (µg/L)	0.266	EPA:245.2	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Nickel (µg/L)	15.5	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Nickel (µg/L)	0.600	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Potassium (mg/L)	8.68	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Potassium (mg/L)	1.93	EPA:200.7	J+	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173393	09/03/2019	07/26/2019	UF	Radium-226 (pCi/L)	2.67	EPA:903.1	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173393	09/03/2019	07/26/2019	UF	Radium-226 and Radium-228 (pCi/L)	5.12	Generic:radium by calculation	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173393	09/03/2019	07/26/2019	UF	Radium-228 (pCi/L)	2.45	EPA:904	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Selenium (µg/L)	8.79	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Silver (µg/L)	0.309	EPA:200.8	J	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Sodium (mg/L)	4.76	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Sodium (mg/L)	0.714	EPA:200.7	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Uranium (µg/L)	20	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Uranium (µg/L)	0.379	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Vanadium (µg/L)	21.8	EPA:200.8	NQ	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Vanadium (µg/L)	1.00	EPA:200.7	U	No
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-175060	09/03/2019	07/26/2019	UF	Zinc (µg/L)	209	EPA:200.8	NQ	Yes
T003	T-SMA-2.5	SS173720	N3B-2019-2788	WT_IPC-19-173425	09/03/2019	07/26/2019	F	Zinc (µg/L)	6.87	EPA:200.7	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Aluminum (µg/L)	161	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Aluminum (µg/L)	8050	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Arsenic (µg/L)	2.58	EPA:200.8	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Barium (µg/L)	10.9	EPA:200.7	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Barium (µg/L)	124	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Beryllium (µg/L)	0.86	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Boron (µg/L)	15.0	EPA:200.7	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Cadmium (µg/L)	0.505	EPA:200.8	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Calcium (mg/L)	2.49	EPA:200.7	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Calcium (mg/L)	6.03	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Chromium (µg/L)	4.23	EPA:200.8	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Cobalt (µg/L)	1.26	EPA:200.7	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Cobalt (µg/L)	2.45	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Copper (µg/L)	4.46	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Copper (µg/L)	37.3	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173558	08/27/2019	07/25/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00268	SM:4500CN-I	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173558	08/27/2019	07/25/2019	UF	Gross alpha (pCi/L)	42.5	EPA:900	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Hardness (mg/L)	9.05	SM:A2340B	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Iron (µg/L)	72	EPA:200.7	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Iron (µg/L)	5080	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Lead (µg/L)	27.1	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Magnesium (mg/L)	0.688	EPA:200.7	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Magnesium (mg/L)	2.17	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Manganese (µg/L)	90	EPA:200.7	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Manganese (µg/L)	454	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Mercury (µg/L)	0.067	EPA:245.2	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Nickel (µg/L)	0.6	EPA:200.8	J	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Nickel (µg/L)	5.25	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Potassium (mg/L)	2.93	EPA:200.7	J+	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Potassium (mg/L)	5.36	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173558	08/27/2019	07/25/2019	UF	Radium-226 (pCi/L)	1.21	EPA:903.1	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173558	08/27/2019	07/25/2019	UF	Radium-226 and Radium-228 (pCi/L)	1.95	Generic:radium by calculation	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173558	08/27/2019	07/25/2019	UF	Radium-228 (pCi/L)	0.743	EPA:904	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Selenium (µg/L)	2.00	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Sodium (mg/L)	0.953	EPA:200.7	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Sodium (mg/L)	1.76	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Uranium (µg/L)	0.918	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Uranium (µg/L)	10.7	EPA:200.8	NQ	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Vanadium (µg/L)	1.00	EPA:200.7	U	No
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Vanadium (µg/L)	9.09	EPA:200.8	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-173561	08/27/2019	07/25/2019	F	Zinc (µg/L)	11.5	EPA:200.7	J	Yes
T010	T-SMA-7.1	SS173724	N3B-2019-2677	WT_IPC-19-175062	08/27/2019	07/25/2019	UF	Zinc (µg/L)	66.6	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Aluminum (µg/L)	374	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Aluminum (µg/L)	3870	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Antimony (µg/L)	1.92	EPA:200.8	J	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Arsenic (µg/L)	2.00	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Barium (µg/L)	7.4	EPA:200.7	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Barium (µg/L)	76.5	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Beryllium (µg/L)	0.319	EPA:200.8	J	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Boron (µg/L)	15.0	EPA:200.7	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Cadmium (µg/L)	0.319	EPA:200.8	J	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Calcium (mg/L)	2.33	EPA:200.7	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Calcium (mg/L)	3.55	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Chromium (µg/L)	3.00	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Cobalt (µg/L)	1.00	EPA:200.7	U	No

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Cobalt (µg/L)	2.02	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Copper (µg/L)	3.58	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Copper (µg/L)	4.65	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173591	08/12/2019	07/07/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.00167	SM:4500CN-I	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173591	08/12/2019	07/07/2019	UF	Gross alpha (pCi/L)	60.5	EPA:900	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Hardness (mg/L)	7.83	SM:A2340B	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Iron (µg/L)	247	EPA:200.7	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Iron (µg/L)	2010	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Lead (µg/L)	10.6	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Magnesium (mg/L)	0.49	EPA:200.7	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Magnesium (mg/L)	0.862	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Manganese (µg/L)	22.8	EPA:200.7	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Manganese (µg/L)	335	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Mercury (µg/L)	0.081	EPA:245.2	J	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Nickel (µg/L)	0.755	EPA:200.8	J	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Nickel (µg/L)	2.45	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Potassium (mg/L)	2.43	EPA:200.7	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Potassium (mg/L)	3.26	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173591	08/12/2019	07/07/2019	UF	Radium-226 (pCi/L)	1.31	EPA:903.1	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173591	08/12/2019	07/07/2019	UF	Radium-226 and Radium-228 (pCi/L)	1.91	Generic:radium by calculation	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173591	08/12/2019	07/07/2019	UF	Radium-228 (pCi/L)	0.603	EPA:904	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173591	08/12/2019	07/07/2019	UF	RDX (µg/L)	0.267	SW-846:8330B	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Selenium (µg/L)	2.00	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Sodium (mg/L)	0.775	EPA:200.7	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Sodium (mg/L)	0.717	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173591	08/12/2019	07/07/2019	UF	Trinitrotoluene[2,4,6-] (µg/L)	0.267	SW-846:8330B	U	No
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Uranium (µg/L)	0.131	EPA:200.8	J	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Uranium (µg/L)	0.801	EPA:200.8	NQ	Yes
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Vanadium (µg/L)	1.00	EPA:200.7	U	No
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Vanadium (µg/L)	6.19	EPA:200.8	J	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
W007	W-SMA-6	SS173944	N3B-2019-2460	WT_IPC-19-173606	08/12/2019	07/07/2019	F	Zinc (µg/L)	8.6	EPA:200.7	J	Yes
W007	W-SMA-6	SS173944	N3B-2020-53	WT_IPC-19-175063	11/12/2019	10/04/2019	UF	Zinc (µg/L)	17.5	EPA:200.8	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Aluminum (µg/L)	137	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Aluminum (µg/L)	1980	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Antimony (µg/L)	1.00	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Antimony (µg/L)	1.00	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Arsenic (µg/L)	2.00	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Arsenic (µg/L)	2.00	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Barium (µg/L)	8.1	EPA:200.7	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Barium (µg/L)	70.1	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Beryllium (µg/L)	0.200	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Beryllium (µg/L)	0.747	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Boron (µg/L)	22.7	EPA:200.7	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Cadmium (µg/L)	0.300	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Cadmium (µg/L)	0.717	EPA:200.8	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Calcium (mg/L)	2.57	EPA:200.7	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Calcium (mg/L)	6.04	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Chromium (µg/L)	3.00	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Chromium (µg/L)	3.00	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Cobalt (µg/L)	1.00	EPA:200.7	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Cobalt (µg/L)	1.19	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Copper (µg/L)	2.17	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Copper (µg/L)	7.26	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173392	08/19/2019	07/15/2019	UF	Cyanide, weak acid dissociable (mg/L)	0.002	SM:4500CN-I	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173392	08/19/2019	07/15/2019	UF	Gross alpha (pCi/L)	15.1	EPA:900	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Hardness (mg/L)	8.78	SM:A2340B	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Iron (µg/L)	87.5	EPA:200.7	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Iron (µg/L)	1250	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Lead (µg/L)	0.500	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Lead (µg/L)	12.6	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Magnesium (mg/L)	0.576	EPA:200.7	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Magnesium (mg/L)	1.11	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Manganese (µg/L)	41.5	EPA:200.7	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Manganese (µg/L)	336	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Mercury (µg/L)	0.067	EPA:245.2	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Mercury (µg/L)	0.067	EPA:245.2	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Nickel (µg/L)	0.926	EPA:200.8	J	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Nickel (µg/L)	1.92	EPA:200.8	J	Yes

Table B-4 (continued)

Permitted Feature	SMA	Station Number	COC[a] Number	Field Sample ID	Validated Date	Sample Date	Field Preparation	Parameter (Unit)	Result	Lab Method	Validation Qualifier	Detected
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Potassium (mg/L)	2.31	EPA:200.7	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Potassium (mg/L)	3	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173392	08/19/2019	07/15/2019	UF	Radium-226 (pCi/L)	0.525	EPA:903.1	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173392	08/19/2019	07/15/2019	UF	Radium-226 and Radium-228 (pCi/L)	1.1	Generic:radium by calculation	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173392	08/19/2019	07/15/2019	UF	Radium-228 (pCi/L)	0.57	EPA:904	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Selenium (µg/L)	2.00	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Selenium (µg/L)	2.00	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Silver (µg/L)	0.300	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Silver (µg/L)	0.300	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Sodium (mg/L)	0.778	EPA:200.7	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Sodium (mg/L)	1.05	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Thallium (µg/L)	0.600	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Thallium (µg/L)	0.600	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Uranium (µg/L)	0.214	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Uranium (µg/L)	1.1	EPA:200.8	NQ	Yes
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Vanadium (µg/L)	1.00	EPA:200.7	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Vanadium (µg/L)	3.30	EPA:200.8	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-173424	08/19/2019	07/15/2019	F	Zinc (µg/L)	9.2	EPA:200.7	U	No
W009	W-SMA-7.8	SS103931	N3B-2019-2574	WT_IPC-19-175055	08/19/2019	07/15/2019	UF	Zinc (µg/L)	29.4	EPA:200.8	NQ	Yes

[a] COC = Chain of custody.

[b] F = Filtered.

[c] UF = Unfiltered.

[d] CB = Chlorinated biphenyl.

Appendix C

Compliance Status Reports

To/MS: Memo to File
From/MS: **Bruce Robinson**
Phone/Fax: (505) 309-1361
Symbol: N3B-SWP-20-001
Date: FEB 20 2020

memorandum

Surface Water Program

CERTIFICATION SIGNATURE OF INDIVIDUAL PERMIT COMPLIANCE STATUS REPORTS for January 1, 2019, to December 31, 2019, 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 compliance status reports for the reporting period from January 1, 2019, to December 31, 2019, for the following 250 site monitoring areas (SMAs):

SMA	Permitted Feature	SMA	Permitted Feature
2M-SMA-1	E001	ACID-SMA-1.05	P001
2M-SMA-1.42	E002	ACID-SMA-2	P002
2M-SMA-1.43	E003	ACID-SMA-2.01	P002A
2M-SMA-1.44	E004	ACID-SMA-2.1	P003
2M-SMA-1.45	E005	A-SMA-1.1	A001
2M-SMA-1.5	E006	A-SMA-2	A002
2M-SMA-1.65	E007	A-SMA-2.5	A003
2M-SMA-1.67	E008	A-SMA-2.7	A004
2M-SMA-1.7	E009	A-SMA-2.8	A005
2M-SMA-1.8	E010	A-SMA-3	A006
2M-SMA-1.9	E011	A-SMA-3.5	A007
2M-SMA-2	E012	A-SMA-4	A008
2M-SMA-2.2	E013	A-SMA-6	A009
2M-SMA-2.5	E015	B-SMA-0.5	B001
2M-SMA-3	E014	B-SMA-1	B002
3M-SMA-0.2	H001	CDB-SMA-0.15	C001
3M-SMA-0.4	H002	CDB-SMA-0.25	C002
3M-SMA-0.5	H003	CDB-SMA-0.55	C003

SMA	Permitted Feature	SMA	Permitted Feature
3M-SMA-0.6	H004	CDB-SMA-1	C004
3M-SMA-2.6	H005	CDB-SMA-1.15	C005
3M-SMA-4	H006	CDB-SMA-1.35	C006
CDB-SMA-1.54	C007	LA-SMA-0.85	L001
CDB-SMA-1.55	C008	LA-SMA-0.9	L002
CDB-SMA-1.65	C009	LA-SMA-1	L003
CDB-SMA-4	C010	LA-SMA-1.1	L004
CDV-SMA-1.2	V001	LA-SMA-1.25	L005
CDV-SMA-1.3	V002	LA-SMA-10.11	L030
CDV-SMA-1.4	V003	LA-SMA-10.12	L030A
CDV-SMA-1.45	V004	LA-SMA-2.1	L006
CDV-SMA-1.7	V005	LA-SMA-2.3	L007
CDV-SMA-2	V006	LA-SMA-3.1	L008
CDV-SMA-2.3	V007	LA-SMA-3.9	L009
CDV-SMA-2.41	V008	LA-SMA-4.1	L010
CDV-SMA-2.42	V008A	LA-SMA-4.2	L011
CDV-SMA-2.5	V009	LA-SMA-5.01	L012
CDV-SMA-2.51	V009A	LA-SMA-5.02	L012A
CDV-SMA-3	V010	LA-SMA-5.2	L013
CDV-SMA-4	V011	LA-SMA-5.31	L015
CDV-SMA-6.01	V012	LA-SMA-5.33	L016
CDV-SMA-6.02	V012A	LA-SMA-5.35	L014
CDV-SMA-7	V013	LA-SMA-5.361	L017
CDV-SMA-8	V014	LA-SMA-5.362	L017A
CDV-SMA-8.5	V015	LA-SMA-5.51	L018
CDV-SMA-9.05	V016	LA-SMA-5.52	L018A
CHQ-SMA-0.5	Q001	LA-SMA-5.53	L018B
CHQ-SMA-1.01	Q002	LA-SMA-5.54	L018C
CHQ-SMA-1.02	Q002A	LA-SMA-5.91	L019
CHQ-SMA-1.03	Q002B	LA-SMA-5.92	L019A
CHQ-SMA-2	Q003	LA-SMA-6.25	L020
CHQ-SMA-3.05	Q004	LA-SMA-6.27	L021
CHQ-SMA-4	Q005	LA-SMA-6.3	L022
CHQ-SMA-4.1	Q006	LA-SMA-6.31	L022A
CHQ-SMA-4.5	Q007	LA-SMA-6.32	L023
CHQ-SMA-5.05	Q008	LA-SMA-6.34	L024
CHQ-SMA-6	Q009	LA-SMA-6.36	L025
CHQ-SMA-7.1	Q010	LA-SMA-6.38	L026
DP-SMA-0.3	D001	LA-SMA-6.395	L027
DP-SMA-0.4	D002	LA-SMA-6.5	L028

SMA	Permitted Feature	SMA	Permitted Feature
DP-SMA-0.6	D003	LA-SMA-9	L029
DP-SMA-1	D004	M-SMA-1	M001
DP-SMA-2	D005	M-SMA-1.2	M002
DP-SMA-2.35	D006	M-SMA-1.21	M002A
DP-SMA-3	D007	M-SMA-1.22	M002B
DP-SMA-4	D008	M-SMA-10	M012
F-SMA-2	F001	M-SMA-10.01	M012A
M-SMA-10.3	M013	PJ-SMA-9	J010
M-SMA-11.1	M014	Pratt-SMA-1.05	T001
M-SMA-12	M015	P-SMA-0.3	P004
M-SMA-12.5	M016	P-SMA-1	P005
M-SMA-12.6	M017	P-SMA-2	P006
M-SMA-12.7	M018	P-SMA-2.15	P007
M-SMA-12.8	M019	P-SMA-2.2	P008
M-SMA-12.9	M020	P-SMA-3.05	P009
M-SMA-12.92	M021	PT-SMA-0.5	I001
M-SMA-13	M022	PT-SMA-1	I002
M-SMA-3	M003	PT-SMA-1.7	I003
M-SMA-3.1	M004	PT-SMA-2	I004
M-SMA-3.5	M005	PT-SMA-2.01	I004A
M-SMA-4	M006	PT-SMA-3	I005
M-SMA-5	M007	PT-SMA-4.2	I007
M-SMA-6	M008	R-SMA-0.5	R001
M-SMA-7	M009	R-SMA-1	R002
M-SMA-7.9	M010	R-SMA-1.95	R003
M-SMA-9.1	M011	R-SMA-2.05	R004
PJ-SMA-1.05	J001	R-SMA-2.3	R005
PJ-SMA-10	J012	R-SMA-2.5	R006
PJ-SMA-11	J013	S-SMA-0.25	S001
PJ-SMA-11.1	J014	S-SMA-1.1	S002
PJ-SMA-13	J015	S-SMA-2	S003
PJ-SMA-13.7	J016	S-SMA-2.01	S003A
PJ-SMA-14	J017	S-SMA-2.8	S004
PJ-SMA-14.2	J018	S-SMA-3.51	S005
PJ-SMA-14.3	J019	S-SMA-3.52	S005A
PJ-SMA-14.4	J020	S-SMA-3.53	S005B
PJ-SMA-14.6	J021	S-SMA-3.6	S006
PJ-SMA-14.8	J022	S-SMA-3.7	S007
PJ-SMA-16	J023	S-SMA-3.71	S008
PJ-SMA-17	J024	S-SMA-3.72	S009

SMA	Permitted Feature	SMA	Permitted Feature
PJ-SMA-18	J026	S-SMA-3.95	S010
PJ-SMA-19	J025	S-SMA-4.1	S011
PJ-SMA-2	J002	S-SMA-4.5	S012
PJ-SMA-20	J027	S-SMA-5	S013
PJ-SMA-3.05	J003	S-SMA-5.2	S014
PJ-SMA-4.05	J004	S-SMA-5.5	S015
PJ-SMA-5	J005	S-SMA-6	S016
PJ-SMA-5.1	J006	STRM-SMA-1.05	J028
PJ-SMA-6	J007	STRM-SMA-1.5	J029
PJ-SMA-7	J008	STRM-SMA-4.2	J030
PJ-SMA-8	J009	STRM-SMA-5.05	J031
T-SMA-1	T002	W-SMA-2.05	W003
T-SMA-2.5	T003	W-SMA-3.5	W004
T-SMA-2.85	T004	W-SMA-4.1	W005
T-SMA-3	T005	W-SMA-5	W006
T-SMA-4	T006	W-SMA-6	W007
T-SMA-5	T007	W-SMA-7	W008
T-SMA-6.8	T008	W-SMA-7.8	W009
T-SMA-7	T009	W-SMA-7.9	W010
T-SMA-7.1	T010	W-SMA-8	W011
W-SMA-1	W001	W-SMA-8.7	W012
W-SMA-1.5	W002	W-SMA-8.71	W012A
W-SMA-10	W018	W-SMA-9.05	W013
W-SMA-11.7	W019	W-SMA-9.5	W014
W-SMA-12.05	W020	W-SMA-9.7	W015
W-SMA-14.1	W021	W-SMA-9.8	W016
W-SMA-15.1	W022	W-SMA-9.9	W017

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: Bruce Robinson

Z#: 092781

Delegated Official Signature: _____

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E001	Site Monitoring Area No. 2M-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00102040026 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	E00103010014 : Earthen Berm	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00103110035 : Eco-Block	CA	--	6/17/2019
--	--	--	--	--	E00103120034 : Rock Berm	CA	--	11/4/2015
--	--	--	--	--	E00104060010 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	E00104060011 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	E00104060033 : Rip Rap	CA	--	11/4/2015
--	--	--	--	--	E00105020013 : Sediment Basin	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010007 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	E00106010008 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	E00106010009 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	E00106010017 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010018 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010019 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010020 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010021 : Rock Check Dam	CA	8/19/2012	7/20/2012

Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E001	Site Monitoring Area No. 2M-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00106010022 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010023 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010024 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010025 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010028 : Rock Check Dam	CA	--	6/19/2015
--	--	--	--	--	E00106010029 : Rock Check Dam	CA	--	6/19/2015
--	--	--	--	--	E00106020031 : Log Check Dam	CA	--	11/18/2015
--	--	--	--	--	E00106020032 : Log Check Dam	CA	--	11/18/2015
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E002	Site Monitoring Area No. 2M-SMA-1.42	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00202040015 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	E00203010011 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	E00203010012 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	E00203010014 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	E00203120003 : Rock Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	E00206010006 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	E00206010007 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	E00206010008 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 02/26/2016.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E003	Site Monitoring Area No. 2M-SMA-1.43	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00302040005 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	E00306010003 : Rock Check Dam	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E004	Site Monitoring Area No. 2M-SMA-1.44	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00402040008 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	E00403010006 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	E00403010011 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	E00403010015 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	E00403060019 : Straw Wattle	CA	--	8/7/2015
--	--	--	--	--	E00403060020 : Straw Wattle	CA	--	8/7/2015
--	--	--	--	--	E00403060021 : Straw Wattle	CA	--	8/7/2015
--	--	--	--	--	E00403060022 : Straw Wattle	CA	--	8/7/2015
--	--	--	--	--	E00403060023 : Straw Wattle	CA	--	8/7/2015
--	--	--	--	--	E00403060024 : Straw Wattle	CA	--	8/7/2015
--	--	--	--	--	E00403060027 : Straw Wattle	CA	--	10/30/2015
--	--	--	--	--	E00403140016 : Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	E00404060012 : Rip Rap	CA	10/4/2015	9/4/2015
--	--	--	--	--	E00406010009 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	E00406010010 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	E00406010013 : Rock Check Dam	CA	10/4/2015	9/4/2015

Comments: The sampler was activated for corrective action monitoring on 05/14/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E004	Site Monitoring Area No. 2M-SMA-1.44	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00406010014 : Rock Check Dam	CA	10/4/2015	9/4/2015
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Comments: The sampler was activated for corrective action monitoring on 05/14/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E005	Site Monitoring Area No. 2M-SMA-1.45	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00502040018 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	E00503010014 : Earthen Berm	CA	--	10/31/2011
--	--	--	--	--	E00503010015 : Earthen Berm	CA	--	10/31/2011
--	--	--	--	--	E00503010016 : Earthen Berm	CA	9/20/2012	8/21/2012
--	--	--	--	--	E00503010017 : Earthen Berm	CA	9/20/2012	8/21/2012
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 09/08/2015 with certification of completion of corrective action under E.2(a).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E006	Site Monitoring Area No. 2M-SMA-1.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00602040005 : Established Vegetation	BCM	--	4/23/2013
--	--	--	--	--	E00603060006 : Straw Wattle	BCM	--	11/5/2014
--	--	--	--	--	E00604040002 : Culvert	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 05/14/2019. The sampler attempted but was unable to collect on 07/07/2019. The sampler was reset for monitoring on 07/09/2019 (inoperable 2 d). The sampler attempted but was unable to collect on 07/13/2019. The sampler was reset for monitoring on 07/15/2019 (inoperable 2 d). The sampler was shut down for the winter on 12/03/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E007	Site Monitoring Area No. 2M-SMA-1.65	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00702040011 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	E00703010010 : Earthen Berm	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00706010006 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00706010007 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00706010008 : Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00706010009 : Rock Check Dam	CA	8/19/2012	7/20/2012
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Comments: The sampler was activated for corrective action monitoring on 04/22/2019. The sampler was found to be tipped over on 07/08/2019. The sampler was last known to be operable at the prior inspection on 06/19/2019 (inoperable up to 19 d). The sampler was shut down for the winter on 11/19/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E008	Site Monitoring Area No. 2M-SMA-1.67	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00802040016 : Established Vegetation	BCM	--	4/23/2013
--	--	--	--	--	E00803010014 : Earthen Berm	BCM	--	10/31/2011
--	--	--	--	--	E00803010015 : Earthen Berm	BCM	--	10/31/2011
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Comments: The sampler was activated for baseline monitoring on 05/15/2019. The sampler was shut down for the winter on 11/15/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E009	Site Monitoring Area No. 2M-SMA-1.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E00902040009 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	E00903010008 : Earthen Berm	CA	8/26/2012	7/27/2012
--	--	--	--	--	E00903120005 : Rock Berm	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E010	Site Monitoring Area No. 2M-SMA-1.8	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E01002040010 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	E01003040003 : Asphalt Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	E01003100012 : Gravel Bags	CA	--	8/23/2016
--	--	--	--	--	E01006010004 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	E01006010005 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	E01006010006 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	E01006010007 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E011	Site Monitoring Area No. 2M-SMA-1.9	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E01103090001 : Curbing	CA	4/29/2011	12/13/2010
--	--	--	--	--	E01103100003 : Gravel Bags	CA	4/29/2011	12/13/2010
--	--	--	--	--	E01103100006 : Gravel Bags	CA	--	8/9/2018
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E012	Site Monitoring Area No. 2M-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E01202040015 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	E01203090006 : Curbing	CA	4/29/2011	12/13/2010
--	--	--	--	--	E01205020014 : Sediment Basin	CA	6/1/2013	5/2/2013
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E013	Site Monitoring Area No. 2M-SMA-2.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E01303090002 : Curbing	CA	12/1/2010	11/1/2010
--	--	--	--	--	E01304020003 : Concrete/Asphalt Channel/Swale	CA	12/1/2010	11/1/2010
--	--	--	--	--	E01306010004 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	E01306010005 : Rock Check Dam	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. 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.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E015	Site Monitoring Area No. 2M-SMA-2.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E01502040006 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	E01503010004 : Earthen Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E01503010005 : Earthen Berm	BCM	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 10/19/2012.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: E014	Site Monitoring Area No. 2M-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	E01402040013 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	E01403010028 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01403010029 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01403060030 : Straw Wattle	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01403140022 : Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01403140023 : Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01403140024 : Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01403140031 : Coir Log	CA	--	9/9/2015
--	--	--	--	--	E01403140032 : Coir Log	CA	--	6/24/2017
--	--	--	--	--	E01403140033 : Coir Log	CA	--	6/24/2017
--	--	--	--	--	E01406010025 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01406010026 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01406010027 : Rock Check Dam	CA	10/4/2015	9/4/2015
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Comments: The sampler was activated for corrective action monitoring on 05/07/2019. The sampler was shut down for the winter on 11/19/2019. Corrective action was completed at Sites 07-001(a), 07-001(b), and 07-001(d) on 11/27/2019 with certification of completion of corrective action under E.2(a).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: H001	Site Monitoring Area No. 3M-SMA-0.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	H00102040006 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	H00103010005 : Earthen Berm	CA	--	9/15/2011
--	--	--	--	--	H00106010002 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	H00106010007 : Rock Check Dam	CA	--	12/4/2015
--	--	--	--	--	H00106010008 : Rock Check Dam	CA	--	12/4/2015
--	--	--	--	--	H00106010009 : Rock Check Dam	CA	--	12/4/2015
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed on 07/15/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: H002	Site Monitoring Area No. 3M-SMA-0.4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	H00202040005 : Established Vegetation	CA	--	5/13/2013
--	--	--	--	--	H00203010003 : Earthen Berm	CA	4/29/2011	12/22/2010
--	--	--	--	--	H00203010004 : Earthen Berm	CA	--	9/15/2011
--	--	--	--	--	H00203100014 : Gravel Bags	CA	--	3/30/2016
--	--	--	--	--	H00203120008 : Rock Berm	CA	--	10/6/2014
--	--	--	--	--	H00203120009 : Rock Berm	CA	--	10/6/2014
--	--	--	--	--	H00203120010 : Rock Berm	CA	--	10/6/2014
--	--	--	--	--	H00203120011 : Rock Berm	CA	--	10/6/2014
--	--	--	--	--	H00203120015 : Rock Berm	CA	--	3/30/2016
--	--	--	--	--	H00203120016 : Rock Berm	CA	--	3/30/2016
--	--	--	--	--	H00203140017 : Coir Log	CA	--	9/19/2018
--	--	--	--	--	H00205020007 : Sediment Basin	CA	--	10/6/2014
--	--	--	--	--	H00208020006 : Rock Cap	CA	--	11/19/2013
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: H003	Site Monitoring Area No. 3M-SMA-0.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	H00302040017 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	H00303010030 : Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00304060001 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	H00304060004 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	H00304060018 : Rip Rap	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00306010002 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	H00306010005 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	H00306010006 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	H00306010012 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	H00306010016 : Rock Check Dam	CA	4/29/2011	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

Comments: The sampler was activated for corrective action monitoring on 05/07/2019 at Site 15-006(c). The sampler was shut down for the winter on 11/07/2019. Corrective action was completed at Site 15-009(c) on 12/23/2019 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: H003	Site Monitoring Area No. 3M-SMA-0.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	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
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Comments: The sampler was activated for corrective action monitoring on 05/07/2019 at Site 15-006(c). The sampler was shut down for the winter on 11/07/2019. Corrective action was completed at Site 15-009(c) on 12/23/2019 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: H004	Site Monitoring Area No. 3M-SMA-0.6	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	H00402040029 : Established Vegetation	BCM	--	5/8/2013
--	--	--	--	--	H00403010030 : Earthen Berm	BCM	--	10/25/2017
--	--	--	--	--	H00403060006 : Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060008 : Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060011 : Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060012 : Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060015 : Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060017 : Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060019 : Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060022 : Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060027 : Straw Wattle	BCM	4/29/2011	12/22/2010
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Comments: The sampler was activated for baseline monitoring on 05/07/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: H005	Site Monitoring Area No. 3M-SMA-2.6	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	H00502040007 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	H00503120005 : Rock Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	H00504040003 : Culvert	BCM	4/29/2011	3/29/2011
--	--	--	--	--	H00506010006 : Rock Check Dam	BCM	4/29/2011	3/29/2011
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: H006	Site Monitoring Area No. 3M-SMA-4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	H00602040010 : Established Vegetation	CA	--	5/2/2013
--	--	--	--	--	H00604020009 : Concrete/Asphalt Channel/Swale	CA	4/29/2011	12/13/2010
--	--	--	--	--	H00604060005 : Rip Rap	CA	4/29/2011	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 : Gabions	CA	4/29/2011	12/13/2010
--	--	--	--	--	H00607010012 : Gabion	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00607010014 : Gabion	CA	11/27/2015	10/28/2015
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 01/12/2018. Alternative compliance was requested at all associated site(s) on 04/22/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A001	Site Monitoring Area No. A-SMA-1.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00102040006 : Established Vegetation	CA	--	5/13/2013
--	--	--	--	--	A00103010005 : Earthen Berm	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed on 08/10/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A002	Site Monitoring Area No. A-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	348	ug/L	D MQL	A00202040017 : Established Vegetation	CA	--	5/13/2013
Aluminum, F	N	111	ug/L	D MQL	A00203010041 : Earthen Berm	CA	9/9/2015	8/10/2015
Antimony, F	N	< 1	ug/L	ND	A00203010042 : Earthen Berm	CA	9/9/2015	8/10/2015
Antimony, F	N	< 1	ug/L	ND	A00203010043 : Earthen Berm	CA	9/9/2015	8/10/2015
Arsenic, F	N	2.68	ug/L	D MQL	A00203020051 : Base Course Berm	CA	9/9/2015	8/10/2015
Arsenic, F	N	< 2	ug/L	ND MQL	A00203150047 : Redi-Rock Berm	CA	9/9/2015	8/10/2015
Boron, F	N	16.9	ug/L	D	A00204040046 : Culvert	CA	9/9/2015	8/10/2015
Boron, F	N	16.4	ug/L	D	A00204040049 : Culvert	CA	9/9/2015	8/10/2015
Cadmium, F	N	< 0.3	ug/L	ND	A00204050053 : Water Bar	CA	9/9/2015	8/10/2015
Cadmium, F	N	< 0.3	ug/L	ND	A00204060004 : Rip Rap	CA	4/29/2011	1/12/2011
Chromium, F	N	< 3	ug/L	ND	A00204080045 : TRM-Lined Swale	CA	9/9/2015	8/10/2015
Chromium, F	N	< 3	ug/L	ND	A00204080048 : TRM-Lined Swale	CA	9/9/2015	8/10/2015
Cobalt, F	N	< 1	ug/L	ND	A00204080052 : TRM-Lined Swale	CA	9/9/2015	8/10/2015
Cobalt, F	N	1.14	ug/L	D	A00205020050 : Sediment Basin	CA	9/9/2015	8/10/2015
Copper, F	Y	18.1	ug/L	MTAL	--	--	--	--
Copper, F	Y	29.6	ug/L	MTAL	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 05/01/2019. A corrective action monitoring sample was collected on 7/25/2019. The sampler was reactivated for corrective action monitoring on 08/08/2019 (inoperable 14 d). The sampler was turned off after a second corrective action monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A002	Site Monitoring Area No. A-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	67.6	pCi/L	ATAL	--	--	--	--
Gross alpha, UF	Y	596	pCi/L	ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	0.251	ug/L	D MQL	--	--	--	--
Mercury, UF	N	0.765	ug/L	D MQL	--	--	--	--
Nickel, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Nickel, F	N	0.98	ug/L	D MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	2.47	pCi/L	D No MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	2.93	pCi/L	D No MQL	--	--	--	--
RDX, UF	N	0.239	ug/L	D No MQL	--	--	--	--
RDX, UF	N	< 0.0858	ug/L	ND No MQL	--	--	--	--
Selenium, UF	N	3.05	ug/L	D	--	--	--	--
Selenium, UF	N	2.83	ug/L	D	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 05/01/2019. A corrective action monitoring sample was collected on 7/25/2019. The sampler was reactivated for corrective action monitoring on 08/08/2019 (inoperable 14 d). The sampler was turned off after a second corrective action monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A002	Site Monitoring Area No. A-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	0.552	ug/L	D No MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	< 0.0858	ug/L	ND No MQL	--	--	--	--
Vadium, F	N	1.86	ug/L	D	--	--	--	--
Vadium, F	N	3.4	ug/L	D	--	--	--	--
Zinc, F	N	19.2	ug/L	D	--	--	--	--
Zinc, F	N	< 10.7	ug/L	ND	--	--	--	--
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Comments: The sampler was activated for corrective action monitoring on 05/01/2019. A corrective action monitoring sample was collected on 7/25/2019. The sampler was reactivated for corrective action monitoring on 08/08/2019 (inoperable 14 d). The sampler was turned off after a second corrective action monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A003	Site Monitoring Area No. A-SMA-2.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00302040007 : Established Vegetation	BCM	--	5/13/2013
--	--	--	--	--	A00303010003 : Earthen Berm	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00303010010 : Earthen Berm	BCM	--	5/17/2017
--	--	--	--	--	A00303060008 : Straw Wattle	BCM	--	7/19/2013
--	--	--	--	--	A00303060009 : Straw Wattle	BCM	--	7/19/2013
--	--	--	--	--	A00304060014 : Rip Rap	BCM	--	5/17/2017
--	--	--	--	--	A00304080015 : TRM-Lined Swale	BCM	--	5/17/2017
--	--	--	--	--	A00307010012 : Gabion	BCM	--	5/17/2017
--	--	--	--	--	A00307010013 : Gabion	BCM	--	5/17/2017
--	--	--	--	--	A00307020011 : Gabion Blanket	BCM	--	5/17/2017
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Comments: The sampler was activated for baseline monitoring on 05/01/2019. The sampler was shut down for the winter on 11/08/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A004	Site Monitoring Area No. A-SMA-2.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00402040017 : Established Vegetation	CA	--	5/13/2013
--	--	--	--	--	A00403010013 : Earthen Berm	CA	9/22/2012	8/23/2012
--	--	--	--	--	A00403010014 : Earthen Berm	CA	9/22/2012	8/23/2012
--	--	--	--	--	A00403010015 : Earthen Berm	CA	9/22/2012	8/23/2012
--	--	--	--	--	A00403010016 : Earthen Berm	CA	9/22/2012	8/23/2012
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Comments: The sampler was activated for corrective action monitoring on 05/01/2019. The sampler was shut down for the winter on 11/08/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A005	Site Monitoring Area No. A-SMA-2.8	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00501010004 : Seed and Wood Mulch	BCM	--	5/22/2012
--	--	--	--	--	A00503010002 : Earthen Berm	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00508020005 : Rock Cap	BCM	--	10/14/2014
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Comments: The sampler was activated for baseline monitoring on 05/01/2019. The sampler was shut down for the winter on 11/08/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A006	Site Monitoring Area No. A-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00602040018 : Established Vegetation	CA	--	5/13/2013
--	--	--	--	--	A00603020023 : Base Course Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00603120017 : Rock Berm	CA	--	5/23/2012
--	--	--	--	--	A00603140037 : Coir Log	CA	--	8/29/2018
--	--	--	--	--	A00603150027 : Redi-Rock Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00603150035 : Redi-Rock Berm	CA	--	5/30/2017
--	--	--	--	--	A00604010022 : Earthen Channel/Swale	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00604030025 : Rock Channel/Swale	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00604060024 : Rip Rap	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00606010010 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	A00606010011 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	A00606010019 : Rock Check Dam	CA	--	11/26/2013
--	--	--	--	--	A00606010031 : Rock Check Dam	CA	--	5/30/2017
--	--	--	--	--	A00606010032 : Rock Check Dam	CA	--	5/30/2017
--	--	--	--	--	A00606010033 : Rock Check Dam	CA	--	5/30/2017
--	--	--	--	--	A00606010034 : Rock Check Dam	CA	--	5/30/2017

Comments: The sampler was activated for corrective action monitoring on 05/03/2019. The sampler was shut down for the winter on 11/08/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A006	Site Monitoring Area No. A-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00608020029 : Rock Cap	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00608020030 : Rock Cap	CA	--	8/9/2016
--	--	--	--	--	A00608020036 : Rock Cap	CA	--	5/30/2017
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Comments: The sampler was activated for corrective action monitoring on 05/03/2019. The sampler was shut down for the winter on 11/08/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A007	Site Monitoring Area No. A-SMA-3.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00702040003 : Established Vegetation	BCM	--	5/13/2013
--	--	--	--	--	A00703060005 : Straw Wattle	BCM	--	7/12/2017
--	--	--	--	--	A00703060006 : Straw Wattle	BCM	--	6/24/2018
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 09/06/2013.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A008	Site Monitoring Area No. A-SMA-4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00802040010 : Established Vegetation	CA	--	5/6/2013
--	--	--	--	--	A00803010007 : Earthen Berm	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00803010009 : Earthen Berm	CA	--	5/20/2011
--	--	--	--	--	A00806010003 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00806010004 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed on 07/23/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A009	Site Monitoring Area No. A-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00902040023 : Established Vegetation	CA	--	5/6/2013
--	--	--	--	--	A00903010021 : Earthen Berm	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00904020007 : Concrete/Asphalt Channel/Swale	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00904060005 : Rip Rap	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010008 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010009 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010010 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010011 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010012 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010013 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010014 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010015 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010016 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010017 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010018 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	A00906010019 : Rock Check Dam	CA	4/29/2011	1/12/2011

Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: A009	Site Monitoring Area No. A-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	A00906010020 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P001	Site Monitoring Area No. ACID-SMA-1.05	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00103010005 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00103090003 : Curbing	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00104040004 : Culvert	BCM	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 11/01/2011.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P002	Site Monitoring Area No. ACID-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00202040018 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	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	--	7/26/2017
--	--	--	--	--	P00206020020 : Log Check Dam	CA	--	10/26/2016
--	--	--	--	--	P00206020021 : Log Check Dam	CA	--	10/26/2016
--	--	--	--	--	P00206020022 : Log Check Dam	CA	--	10/26/2016
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 01/12/2018. Corrective action was completed at Sites 45-001, 45-002, and 45-004 on 03/07/2013 with certification of completion of corrective action under E.2(d). Alternative compliance was requested at all associated Site(s) on 04/22/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P002A	Site Monitoring Area No. ACID-SMA-2.01	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P002A02040007 : Established Vegetation	BCM	--	5/8/2013
--	--	--	--	--	P002A03010004 : Earthen Berm	BCM	4/29/2011	12/6/2010
--	--	--	--	--	P002A03140010 : Coir Log	BCM	--	8/2/2017
--	--	--	--	--	P002A04060002 : Rip Rap	BCM	4/29/2011	12/6/2010
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Comments: The sampler was activated for baseline monitoring on 05/02/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P003	Site Monitoring Area No. ACID-SMA-2.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00302030012 : Permanent Vegetation Vegetative Buffer Strip	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00302040019 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	P00303010009 : Earthen Berm	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00304060011 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	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	--	7/26/2017
--	--	--	--	--	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
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 01/12/2018. Alternative compliance was requested at all associated site(s) on 04/22/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: B001	Site Monitoring Area No. B-SMA-0.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	B00101060027 : Erosion Control Blanket	CA	--	8/9/2018
--	--	--	--	--	B00102040012 : Established Vegetation	CA	--	5/14/2013
--	--	--	--	--	B00103010006 : Earthen Berm	CA	4/29/2011	12/8/2010
--	--	--	--	--	B00103010007 : Earthen Berm	CA	4/29/2011	12/8/2010
--	--	--	--	--	B00103140016 : Coir Log	CA	--	10/3/2016
--	--	--	--	--	B00103140017 : Coir Log	CA	--	10/3/2016
--	--	--	--	--	B00103140018 : Coir Log	CA	--	10/3/2016
--	--	--	--	--	B00103140019 : Coir Log	CA	--	10/3/2016
--	--	--	--	--	B00103140020 : Coir Log	CA	--	10/3/2016
--	--	--	--	--	B00103140024 : Coir Log	CA	--	10/3/2016
--	--	--	--	--	B00103140025 : Coir Log	CA	--	10/3/2016
--	--	--	--	--	B00104010005 : Earthen Channel/Swale	CA	4/29/2011	12/8/2010
--	--	--	--	--	B00104010026 : Earthen Channel/Swale	CA	--	10/3/2016
--	--	--	--	--	B00104040003 : Culvert	CA	4/29/2011	12/8/2010
--	--	--	--	--	B00104050015 : Water Bar	CA	--	10/3/2016
--	--	--	--	--	B00104060009 : Rip Rap	CA	--	8/27/2012

Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 03/23/2017 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: B001	Site Monitoring Area No. B-SMA-0.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	B00106010008 : Rock Check Dam	CA	4/29/2011	12/8/2010
--	--	--	--	--	B00106010021 : Rock Check Dam	CA	--	10/3/2016
--	--	--	--	--	B00106020022 : Log Check Dam	CA	--	10/3/2016
--	--	--	--	--	B00106020023 : Log Check Dam	CA	--	10/3/2016
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 03/23/2017 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: B002	Site Monitoring Area No. B-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	B00202040008 : Established Vegetation	CA	--	5/6/2013
--	--	--	--	--	B00203140009 : Coir Log	CA	--	10/28/2019
--	--	--	--	--	B00203140010 : Coir Log	CA	--	10/28/2019
--	--	--	--	--	B00206010003 : Rock Check Dam	CA	4/29/2011	12/6/2010
--	--	--	--	--	B00206010004 : Rock Check Dam	CA	4/29/2011	12/6/2010
--	--	--	--	--	B00206010005 : Rock Check Dam	CA	4/29/2011	12/6/2010
--	--	--	--	--	B00206010006 : Rock Check Dam	CA	4/29/2011	12/6/2010
--	--	--	--	--	B00206010007 : Rock Check Dam	CA	4/29/2011	12/6/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 11/22/2013 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C001	Site Monitoring Area No. CDB-SMA-0.15	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00102040015 : Established Vegetation	CA	--	5/2/2013
--	--	--	--	--	C00103010013 : Earthen Berm	CA	--	8/15/2011
--	--	--	--	--	C00103060020 : Straw Wattle	CA	--	11/4/2014
--	--	--	--	--	C00103060021 : Straw Wattle	CA	--	11/4/2014
--	--	--	--	--	C00103120009 : Rock Berm	CA	12/1/2010	11/1/2010
--	--	--	--	--	C00106030003 : Juniper Bales	CA	12/1/2010	11/1/2010
--	--	--	--	--	C00106030005 : Juniper Bales	CA	12/1/2010	11/1/2010
--	--	--	--	--	C00106030006 : Juniper Bales	CA	12/1/2010	11/1/2010
--	--	--	--	--	C00106030007 : Juniper Bales	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 02/26/2016.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C002	Site Monitoring Area No. CDB-SMA-0.25	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00202040019 : Established Vegetation	CA	--	5/2/2013
--	--	--	--	--	C00203010013 : Earthen Berm	CA	12/1/2010	11/1/2010
--	--	--	--	--	C00203010017 : Earthen Berm	CA	8/19/2012	7/20/2012
--	--	--	--	--	C00203010018 : Earthen Berm	CA	8/19/2012	7/20/2012
--	--	--	--	--	C00204060009 : Rip Rap	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C003	Site Monitoring Area No. CDB-SMA-0.55	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00302040021 : Established Vegetation	CA	--	5/2/2013
--	--	--	--	--	C00303010011 : Earthen Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	C00306010006 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	C00306010013 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	C00306010015 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	C00306010016 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	C00306010017 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	C00306010018 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	C00306010019 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	C00306010020 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C004	Site Monitoring Area No. CDB-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00402040015 : Established Vegetation	CA	--	5/2/2013
--	--	--	--	--	C00403010016 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	C00403010017 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	C00404060006 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	C00404060008 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	C00404060009 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	C00406010004 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	C00406010010 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	C00406010011 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	C00406010012 : Rock Check Dam	CA	4/29/2011	12/22/2010
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Comments: The sampler was activated for corrective action monitoring on 05/08/2019. The sampler was shut down for the winter on 11/14/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C005	Site Monitoring Area No. CDB-SMA-1.15	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00502040011 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	C00503010012 : Earthen Berm	BCM	--	12/4/2017
--	--	--	--	--	C00504060007 : Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00504060008 : Rip Rap	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 05/06/2019. The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C006	Site Monitoring Area No. CDB-SMA-1.35	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00602040010 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	C00603010006 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00604060009 : Rip Rap	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 05/06/2019. The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C007	Site Monitoring Area No. CDB-SMA-1.54	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00702040020 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	C00703010007 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00703010008 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00703010009 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00703010019 : Earthen Berm	BCM	--	4/13/2011
--	--	--	--	--	C00703140025 : Coir Log	BCM	--	10/15/2015
--	--	--	--	--	C00703140026 : Coir Log	BCM	--	8/22/2019
--	--	--	--	--	C00704050021 : Water Bar	BCM	--	10/15/2015
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Comments: The sampler was activated for baseline monitoring on 05/06/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C008	Site Monitoring Area No. CDB-SMA-1.55	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00802040012 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	C00803010010 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00803120009 : Rock Berm	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 05/06/2019. The sampler was shut down for the winter on 11/14/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C009	Site Monitoring Area No. CDB-SMA-1.65	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C00903010004 : Earthen Berm	BCM	--	8/15/2011
--	--	--	--	--	C00904060001 : Rip Rap	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 05/06/2019. The sampler was shut down for the winter on 11/14/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: C010	Site Monitoring Area No. CDB-SMA-4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	C01002040012 : Established Vegetation	CA	--	5/16/2013
--	--	--	--	--	C01004020005 : Concrete/Asphalt Channel/Swale	CA	4/29/2011	11/16/2010
--	--	--	--	--	C01004060007 : Rip Rap	CA	4/29/2011	11/16/2010
--	--	--	--	--	C01005010004 : Sediment Trap	CA	4/29/2011	11/16/2010
--	--	--	--	--	C01006010006 : Rock Check Dam	CA	4/29/2011	11/16/2010
--	--	--	--	--	C01006010008 : Rock Check Dam	CA	4/29/2011	11/16/2010
--	--	--	--	--	C01006010009 : Rock Check Dam	CA	4/29/2011	11/16/2010
--	--	--	--	--	C01006010010 : Rock Check Dam	CA	4/29/2011	11/16/2010
--	--	--	--	--	C01006010011 : Rock Check Dam	CA	4/29/2011	11/16/2010
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Comments: The sampler was activated on 05/06/2019 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 the winter on 11/14/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V001	Site Monitoring Area No. CDV-SMA-1.2	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00102040012 : Established Vegetation	BCM	--	5/3/2013
--	--	--	--	--	V00103020008 : Base Course Berm	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00104060001 : Rip Rap	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00106010007 : Rock Check Dam	BCM	4/29/2011	12/15/2010
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 09/14/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V002	Site Monitoring Area No. CDV-SMA-1.3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00202040003 : Established Vegetation	CA	--	5/3/2013
--	--	--	--	--	V00203020002 : Base Course Berm	CA	4/29/2011	12/15/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 09/26/2016 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V003	Site Monitoring Area No. CDV-SMA-1.4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00302040069 : Established Vegetation	CA	--	8/27/2013
--	--	--	--	--	V00303010066 : Earthen Berm	CA	--	9/6/2012
--	--	--	--	--	V00303010070 : Earthen Berm	CA	6/11/2014	5/12/2014
--	--	--	--	--	V00303010071 : Earthen Berm	CA	6/11/2014	5/12/2014
--	--	--	--	--	V00303010072 : Earthen Berm	CA	6/11/2014	5/12/2014
--	--	--	--	--	V00303020017 : Base Course Berm	CA	4/29/2011	12/15/2010
--	--	--	--	--	V00303120087 : Rock Berm	CA	--	11/20/2015
--	--	--	--	--	V00305020068 : Sediment Basin	CA	--	9/6/2012
--	--	--	--	--	V00305020073 : Sediment Basin	CA	6/11/2014	5/12/2014
--	--	--	--	--	V00305020074 : Sediment Basin	CA	6/11/2014	5/12/2014
--	--	--	--	--	V00305020075 : Sediment Basin	CA	6/11/2014	5/12/2014
--	--	--	--	--	V00305020076 : Sediment Basin	CA	6/11/2014	5/12/2014
--	--	--	--	--	V00306010012 : Rock Check Dam	CA	4/29/2011	12/15/2010
--	--	--	--	--	V00306010039 : Rock Check Dam	CA	--	8/11/2011
--	--	--	--	--	V00306010040 : Rock Check Dam	CA	--	8/11/2011
--	--	--	--	--	V00306010043 : Rock Check Dam	CA	--	8/29/2011

Comments: The sampler was activated for corrective action monitoring on 04/24/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V003	Site Monitoring Area No. CDV-SMA-1.4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00306010057 : Rock Check Dam	CA	--	8/29/2011
--	--	--	--	--	V00306010058 : Rock Check Dam	CA	--	9/6/2012
--	--	--	--	--	V00306010059 : Rock Check Dam	CA	--	9/6/2012
--	--	--	--	--	V00306010060 : Rock Check Dam	CA	--	9/6/2012
--	--	--	--	--	V00306010061 : Rock Check Dam	CA	--	9/6/2012
--	--	--	--	--	V00306010062 : Rock Check Dam	CA	--	9/6/2012
--	--	--	--	--	V00306010063 : Rock Check Dam	CA	--	9/6/2012
--	--	--	--	--	V00306010064 : Rock Check Dam	CA	--	9/6/2012
--	--	--	--	--	V00306010065 : Rock Check Dam	CA	--	9/6/2012
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Comments: The sampler was activated for corrective action monitoring on 04/24/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V004	Site Monitoring Area No. CDV-SMA-1.45	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00402040005 : Established Vegetation	CA	--	5/3/2013
--	--	--	--	--	V00403010004 : Earthen Berm	CA	8/17/2012	7/18/2012
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Comments: The sampler was activated for corrective action monitoring on 04/24/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V005	Site Monitoring Area No. CDV-SMA-1.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00501060035 : Erosion Control Blanket	CA	--	7/7/2016
--	--	--	--	--	V00502040016 : Established Vegetation	CA	--	5/16/2013
--	--	--	--	--	V00503010027 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00503010028 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00503020034 : Base Course Berm	CA	--	7/7/2016
--	--	--	--	--	V00503060025 : Straw Wattle	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00503060032 : Straw Wattle	CA	--	9/14/2015
--	--	--	--	--	V00504010018 : Earthen Channel/Swale	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00504040017 : Culvert	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00504040036 : Culvert	CA	--	7/7/2016
--	--	--	--	--	V00504060015 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	V00504060026 : Rip Rap	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00504060039 : Rip Rap	CA	--	7/7/2016
--	--	--	--	--	V00504080033 : TRM-Lined Swale	CA	--	7/7/2016
--	--	--	--	--	V00506010006 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	V00506010008 : Rock Check Dam	CA	4/29/2011	12/22/2010

Comments: The sampler was activated for corrective action monitoring on 05/21/2019. The sampler was found inoperable due to insufficient battery voltage on 07/10/2019. The sampler was last known to be operable at the prior inspection on 06/20/2019 (inoperable up to 20 d). The sampler was found inoperable due to insufficient battery voltage on 10/08/2019. The sampler was last known to be operable at the prior inspection on 09/25/2019 (inoperable up to 13 d). the sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V005	Site Monitoring Area No. CDV-SMA-1.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00506010009 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	V00506010010 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	V00506010013 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	V00506010014 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	V00506010019 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00506010020 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00506010022 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00506010029 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00506010030 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00506010031 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00506020023 : Log Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00506040038 : Energy Dissipater	CA	--	7/7/2016
--	--	--	--	--	V00507010037 : Gabion	CA	--	7/7/2016
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Comments: The sampler was activated for corrective action monitoring on 05/21/2019. The sampler was found inoperable due to insufficient battery voltage on 07/10/2019. The sampler was last known to be operable at the prior inspection on 06/20/2019 (inoperable up to 20 d). The sampler was found inoperable due to insufficient battery voltage on 10/08/2019. The sampler was last known to be operable at the prior inspection on 09/25/2019 (inoperable up to 13 d). the sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V006	Site Monitoring Area No. CDV-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00602040013 : Established Vegetation	CA	--	5/16/2013
--	--	--	--	--	V00603010006 : Earthen Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	V00603010007 : Earthen Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	V00603010008 : Earthen Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	V00603010009 : Earthen Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	V00603010010 : Earthen Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	V00604060003 : Rip Rap	CA	4/29/2011	4/26/2011
--	--	--	--	--	V00606010002 : Rock Check Dam	CA	4/29/2011	4/26/2011
--	--	--	--	--	V00608020012 : Rock Cap	CA	4/29/2011	4/26/2011
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V007	Site Monitoring Area No. CDV-SMA-2.3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00702040021 : Established Vegetation	CA	--	5/3/2013
--	--	--	--	--	V00703010027 : Earthen Berm	CA	--	10/24/2014
--	--	--	--	--	V00703060028 : Straw Wattle	CA	--	10/24/2014
--	--	--	--	--	V00703060030 : Straw Wattle	CA	--	8/11/2015
--	--	--	--	--	V00703060031 : Straw Wattle	CA	--	7/27/2015
--	--	--	--	--	V00703120026 : Rock Berm	CA	--	10/24/2014
--	--	--	--	--	V00706010019 : Rock Check Dam	CA	--	10/14/2011
--	--	--	--	--	V00706010020 : Rock Check Dam	CA	--	10/14/2011
--	--	--	--	--	V00706010024 : Rock Check Dam	CA	--	6/25/2014
--	--	--	--	--	V00706010025 : Rock Check Dam	CA	--	6/25/2014
--	--	--	--	--	V00707010002 : Gabions	CA	4/29/2011	12/15/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 02/26/2016.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V008	Site Monitoring Area No. CDV-SMA-2.41	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00802040015 : Established Vegetation	CA	--	5/3/2013
--	--	--	--	--	V00803010013 : Earthen Berm	CA	7/27/2014	6/27/2014
--	--	--	--	--	V00804010014 : Earthen Channel/Swale	CA	7/27/2014	6/27/2014
--	--	--	--	--	V00804040011 : Culvert	CA	4/29/2011	12/15/2010
--	--	--	--	--	V00804060010 : Rip Rap	CA	4/29/2011	12/15/2010
--	--	--	--	--	V00806010012 : Rock Check Dam	CA	7/27/2014	6/27/2014
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Comments: The sampler was activated for corrective action monitoring on 05/13/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V008A	Site Monitoring Area No. CDV-SMA-2.42	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V008A01030022 : Hydromulch	CA	10/28/2015	9/28/2015
--	--	--	--	--	V008A02040020 : Established Vegetation	CA	--	5/3/2013
--	--	--	--	--	V008A03010021 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	V008A03010024 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	V008A04040023 : Culvert	CA	10/28/2015	9/28/2015
--	--	--	--	--	V008A04050025 : Water Bar	CA	--	8/28/2015
--	--	--	--	--	V008A04060002 : Rip Rap	CA	4/29/2011	12/15/2010
--	--	--	--	--	V008A04060005 : Rip Rap	CA	4/29/2011	12/15/2010
--	--	--	--	--	V008A04060018 : Rip Rap	CA	--	10/14/2011
--	--	--	--	--	V008A04060019 : Rip Rap	CA	--	10/14/2011
--	--	--	--	--	V008A06010004 : Rock Check Dam	CA	4/29/2011	12/15/2010
--	--	--	--	--	V008A06010017 : Rock Check Dam	CA	--	9/12/2011
--	--	--	--	--	V008A07010003 : Gabions	CA	4/29/2011	12/15/2010
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Comments: No confirmation monitoring was conducted in 2019. Construction of enhanced controls initiated in 2018 continued in 2019 and will be completed in 2020.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V009	Site Monitoring Area No. CDV-SMA-2.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00902040036 : Established Vegetation	BCM	--	5/3/2013
--	--	--	--	--	V00903010011 : Earthen Berm	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00903010043 : Earthen Berm	BCM	--	10/9/2014
--	--	--	--	--	V00903120034 : Rock Berm	BCM	--	11/18/2013
--	--	--	--	--	V00903120035 : Rock Berm	BCM	--	11/18/2013
--	--	--	--	--	V00903120038 : Rock Berm	BCM	--	10/9/2014
--	--	--	--	--	V00903120039 : Rock Berm	BCM	--	10/9/2014
--	--	--	--	--	V00903120040 : Rock Berm	BCM	--	10/9/2014
--	--	--	--	--	V00903120041 : Rock Berm	BCM	--	10/9/2014
--	--	--	--	--	V00903120042 : Rock Berm	BCM	--	10/21/2014
--	--	--	--	--	V00904060005 : Rip Rap	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00904060006 : Rip Rap	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00904060007 : Rip Rap	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00904060009 : Rip Rap	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00906010029 : Rock Check Dam	BCM	--	9/19/2011
--	--	--	--	--	V00906010030 : Rock Check Dam	BCM	--	9/19/2011

Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 08/29/2013.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V009	Site Monitoring Area No. CDV-SMA-2.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V00906010031 : Rock Check Dam	BCM	--	9/19/2011
--	--	--	--	--	V00906010044 : Rock Check Dam	BCM	--	10/9/2014
--	--	--	--	--	V00906010045 : Rock Check Dam	BCM	--	10/9/2014
--	--	--	--	--	V00906010046 : Rock Check Dam	BCM	--	10/9/2014
--	--	--	--	--	V00906010047 : Rock Check Dam	BCM	--	10/9/2014
--	--	--	--	--	V00906010048 : Rock Check Dam	BCM	--	10/9/2014
--	--	--	--	--	V00906010049 : Rock Check Dam	BCM	--	10/21/2014
--	--	--	--	--	V00906010050 : Rock Check Dam	BCM	--	10/21/2014
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 08/29/2013.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V009A	Site Monitoring Area No. CDV-SMA-2.51	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V009A02040029 : Established Vegetation	CA	--	5/3/2013
--	--	--	--	--	V009A03020005 : Base Course Berm	CA	4/29/2011	12/15/2010
--	--	--	--	--	V009A03020012 : Base Course Berm	CA	4/29/2011	12/15/2010
--	--	--	--	--	V009A03060032 : Straw Wattle	CA	--	4/10/2019
--	--	--	--	--	V009A03060033 : Straw Wattle	CA	--	4/10/2019
--	--	--	--	--	V009A06010003 : Rock Check Dam	CA	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010004 : Rock Check Dam	CA	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010006 : Rock Check Dam	CA	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010013 : Rock Check Dam	CA	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010014 : Rock Check Dam	CA	4/29/2011	12/15/2010
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--	--	--	--	--	V009A06010016 : Rock Check Dam	CA	4/29/2011	12/15/2010
--	--	--	--	--	V009A06030017 : Juniper Bales	CA	4/29/2011	12/15/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V010	Site Monitoring Area No. CDV-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V01002040013 : Established Vegetation	CA	--	4/29/2013
--	--	--	--	--	V01003010010 : Earthen Berm	CA	8/17/2012	7/18/2012
--	--	--	--	--	V01003010011 : Earthen Berm	CA	8/17/2012	7/18/2012
--	--	--	--	--	V01003120005 : Rock Berm	CA	4/29/2011	1/12/2011
--	--	--	--	--	V01003120009 : Rock Berm	CA	4/29/2011	1/12/2011
--	--	--	--	--	V01006010004 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: The sampler was activated for corrective action monitoring on 05/09/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V011	Site Monitoring Area No. CDV-SMA-4	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V01102040010 : Established Vegetation	BCM	--	10/27/2015
--	--	--	--	--	V01103010008 : Earthen Berm	BCM	--	8/27/2013
--	--	--	--	--	V01104060007 : Rip Rap	BCM	--	8/27/2013
--	--	--	--	--	V01104060011 : Rip Rap	BCM	--	11/14/2015
--	--	--	--	--	V01106010009 : Rock Check Dam	BCM	--	8/27/2013
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Comments: The sampler was activated for baseline monitoring on 05/09/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V012	Site Monitoring Area No. CDV-SMA-6.01	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V01202040013 : Established Vegetation	CA	--	4/29/2013
--	--	--	--	--	V01203010016 : Earthen Berm	CA	--	9/9/2013
--	--	--	--	--	V01203010017 : Earthen Berm	CA	11/14/2015	10/15/2015
--	--	--	--	--	V01203010018 : Earthen Berm	CA	11/14/2015	10/15/2015
--	--	--	--	--	V01203020003 : Base Course Berm	CA	4/29/2011	1/12/2011
--	--	--	--	--	V01206010022 : Rock Check Dam	CA	--	11/2/2015
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Comments: The sampler was activated for corrective action monitoring on 05/09/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V012A	Site Monitoring Area No. CDV-SMA-6.02	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V012A01010005 : Seed and Wood Mulch	CA	8/17/2012	7/18/2012
--	--	--	--	--	V012A03010004 : Earthen Berm	CA	8/17/2012	7/18/2012
--	--	--	--	--	V012A03010006 : Earthen Berm	CA	8/17/2012	7/18/2012
--	--	--	--	--	V012A03060008 : Straw Wattle	CA	--	11/2/2015
--	--	--	--	--	V012A03140009 : Coir Log	CA	--	11/2/2015
--	--	--	--	--	V012A03140010 : Coir Log	CA	--	7/25/2017
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Comments: The sampler was activated for corrective action monitoring on 05/09/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V013	Site Monitoring Area No. CDV-SMA-7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V01302040008 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	V01303010006 : Earthen Berm	CA	4/29/2011	12/15/2010
--	--	--	--	--	V01303010007 : Earthen Berm	CA	4/29/2011	12/15/2010
--	--	--	--	--	V01303140010 : Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	V01303140011 : Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	V01303140013 : Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	V01303140020 : Coir Log	CA	--	6/29/2017
--	--	--	--	--	V01303140021 : Coir Log	CA	--	9/18/2018
--	--	--	--	--	V01304010015 : Earthen Channel/Swale	CA	10/4/2015	9/4/2015
--	--	--	--	--	V01304040009 : Culvert	CA	--	9/24/2014
--	--	--	--	--	V01306010014 : Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	V01306010016 : Rock Check Dam	CA	--	10/13/2015
--	--	--	--	--	V01306010017 : Rock Check Dam	CA	--	10/13/2015
--	--	--	--	--	V01306010018 : Rock Check Dam	CA	--	10/13/2015
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 08/10/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V014	Site Monitoring Area No. CDV-SMA-8	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V01402040009 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	V01403010008 : Earthen Berm	CA	--	11/14/2011
--	--	--	--	--	V01403010012 : Earthen Berm	CA	--	12/17/2013
--	--	--	--	--	V01406010003 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	V01406010010 : Rock Check Dam	CA	--	12/17/2013
--	--	--	--	--	V01406010011 : Rock Check Dam	CA	--	12/17/2013
--	--	--	--	--	V01406010013 : Rock Check Dam	CA	--	9/3/2014
--	--	--	--	--	V01406010014 : Rock Check Dam	CA	--	9/3/2014
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V015	Site Monitoring Area No. CDV-SMA-8.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V01502040006 : Established Vegetation	BCM	--	4/3/2013
--	--	--	--	--	V01503010005 : Earthen Berm	BCM	4/29/2011	12/15/2010
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Comments: The sampler was activated for baseline monitoring on 05/14/2019. The sampler was found to be tipped over on 06/13/2019. The sampler was last known to be operable at the prior inspection on 05/14/2019 (inoperable up to 30 d). The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: V016	Site Monitoring Area No. CDV-SMA-9.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	V01602040005 : Established Vegetation	CA	--	4/3/2013
--	--	--	--	--	V01603010002 : Earthen Berm	CA	4/29/2011	12/22/2010
--	--	--	--	--	V01603010003 : Earthen Berm	CA	4/29/2011	12/22/2010
--	--	--	--	--	V01603010004 : Earthen Berm	CA	4/29/2011	12/22/2010
--	--	--	--	--	V01603140006 : Coir Log	CA	--	8/5/2015
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed on 08/10/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q001	Site Monitoring Area No. CHQ-SMA-0.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00102040008 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	Q00103010010 : Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	Q00103010011 : Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	Q00103140009 : Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	Q00104050006 : Water Bar	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00104050007 : Water Bar	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00106010003 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00106010004 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00106010005 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: The sampler was activated for corrective action monitoring on 05/02/2019. The sampler was shut down for the winter on 10/30/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q002	Site Monitoring Area No. CHQ-SMA-1.01	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00202040008 : Established Vegetation	BCM	--	5/6/2013
--	--	--	--	--	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	--	5/21/2019
--	--	--	--	--	Q00203060016 : Straw Wattle	BCM	--	5/21/2019
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Comments: The sampler was activated for baseline monitoring on 05/02/2019. The sampler was shut down for the winter on 10/29/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q002A	Site Monitoring Area No. CHQ-SMA-1.02	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q002A03010010 : Earthen Berm	CA	11/22/2012	10/23/2012
--	--	--	--	--	Q002A03010011 : Earthen Berm	CA	11/22/2012	10/23/2012
--	--	--	--	--	Q002A03010012 : Earthen Berm	CA	11/22/2012	10/23/2012
--	--	--	--	--	Q002A03010013 : Earthen Berm	CA	11/22/2012	10/23/2012
--	--	--	--	--	Q002A03150014 : Redi-Rock Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	Q002A06010002 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002A06010003 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002A06010007 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002A06010009 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002A08030004 : Concrete/Asphalt Cap	CA	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 08/10/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q002B	Site Monitoring Area No. CHQ-SMA-1.03	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q002B02040012 : Established Vegetation	CA	--	5/6/2013
--	--	--	--	--	Q002B03150013 : Redi-Rock Berm	CA	6/12/2014	5/13/2014
--	--	--	--	--	Q002B04060006 : Rip Rap	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002B04060007 : Rip Rap	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002B04060010 : Rip Rap	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002B06010004 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002B06010008 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002B06010011 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q002B08030003 : Concrete/Asphalt Cap	CA	4/29/2011	1/12/2011
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Comments: The sampler was activated for corrective action monitoring on 05/02/2019. The sampler was shut down for the winter on 10/29/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q003	Site Monitoring Area No. CHQ-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00302040023 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	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	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00303140031 : Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	Q00303140032 : Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	Q00303140033 : Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	Q00303140034 : Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	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

Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 08/15/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q003	Site Monitoring Area No. CHQ-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	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
--	--	--	--	--	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	--	10/8/2015
--	--	--	--	--	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
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 08/15/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q004	Site Monitoring Area No. CHQ-SMA-3.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00402040009 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	Q00403010015 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00403060002 : Straw Wattle	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00403120014 : Rock Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00403140010 : Coir Log	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00403140011 : Coir Log	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00403140012 : Coir Log	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00403140013 : Coir Log	CA	9/9/2015	8/10/2015
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Comments: The sampler was activated for corrective action monitoring on 05/02/2019. The sampler was shut down for the winter on 10/29/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q005	Site Monitoring Area No. CHQ-SMA-4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00502040019 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	Q00503010020 : Earthen Berm	CA	--	11/13/2013
--	--	--	--	--	Q00503060006 : Straw Wattle	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00503140021 : Coir Log	CA	--	11/25/2015
--	--	--	--	--	Q00503140022 : Coir Log	CA	--	11/25/2015
--	--	--	--	--	Q00506010003 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00506010004 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00506010005 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed on 08/14/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q006	Site Monitoring Area No. CHQ-SMA-4.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00602040008 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	Q00603060009 : Straw Wattle	CA	--	10/20/2014
--	--	--	--	--	Q00603060010 : Straw Wattle	CA	--	10/20/2014
--	--	--	--	--	Q00606010002 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00606010003 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q007	Site Monitoring Area No. CHQ-SMA-4.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00702040010 : Established Vegetation	CA	--	5/6/2013
--	--	--	--	--	Q00703010009 : Earthen Berm	CA	--	7/18/2011
--	--	--	--	--	Q00703060022 : Straw Wattle	CA	--	5/21/2019
--	--	--	--	--	Q00703140018 : Coir Log	CA	--	9/25/2014
--	--	--	--	--	Q00703140020 : Coir Log	CA	--	8/30/2018
--	--	--	--	--	Q00703140021 : Coir Log	CA	--	8/30/2018
--	--	--	--	--	Q00706010002 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00706010003 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q008	Site Monitoring Area No. CHQ-SMA-5.05	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00802040008 : Established Vegetation	BCM	--	5/9/2013
--	--	--	--	--	Q00803020006 : Base Course Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	Q00804060002 : Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	Q00804060005 : Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	Q00804060007 : Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	Q00806010003 : Rock Check Dam	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 05/03/2019. The sampler was shut down for the winter on 10/29/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q009	Site Monitoring Area No. CHQ-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00902040036 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	Q00903010017 : Earthen Berm	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00903010041 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00903060035 : Straw Wattle	CA	--	10/1/2012
--	--	--	--	--	Q00903060040 : Straw Wattle	CA	--	10/20/2014
--	--	--	--	--	Q00903120030 : Rock Berm	CA	--	10/17/2011
--	--	--	--	--	Q00903120031 : Rock Berm	CA	--	10/17/2011
--	--	--	--	--	Q00903120032 : Rock Berm	CA	--	10/17/2011
--	--	--	--	--	Q00903150043 : Redi-Rock Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00906010001 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010007 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010008 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010011 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010018 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010021 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010022 : Rock Check Dam	CA	4/29/2011	1/12/2011

Comments: The sampler was activated for corrective action monitoring on 05/03/2019. The sampler was shut down for the winter on 10/29/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q009	Site Monitoring Area No. CHQ-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q00906010023 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010024 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010025 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010026 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010027 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010037 : Rock Check Dam	CA	--	5/8/2014
--	--	--	--	--	Q00906010038 : Rock Check Dam	CA	--	5/8/2014
--	--	--	--	--	Q00906010039 : Rock Check Dam	CA	--	5/8/2014
--	--	--	--	--	Q00906010042 : Rock Check Dam	CA	9/9/2015	8/10/2015
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Comments: The sampler was activated for corrective action monitoring on 05/03/2019. The sampler was shut down for the winter on 10/29/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: Q010	Site Monitoring Area No. CHQ-SMA-7.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	Q01002040012 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	Q01003010010 : Earthen Berm	CA	--	7/18/2011
--	--	--	--	--	Q01003010011 : Earthen Berm	CA	--	7/18/2011
--	--	--	--	--	Q01006010003 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed on 08/14/2018. An analysis of alternatives to complete corrective action is being prepared.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D001	Site Monitoring Area No. DP-SMA-0.3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	D00102040025 : Established Vegetation	CA	--	4/17/2013
--	--	--	--	--	D00104010026 : Earthen Channel/Swale	CA	--	7/21/2017
--	--	--	--	--	D00106010018 : Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00106010019 : Rock Check Dam	CA	8/7/2013	7/8/2013
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 03/06/2017 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D002	Site Monitoring Area No. DP-SMA-0.4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	D00202040009 : Established Vegetation	CA	--	4/17/2013
--	--	--	--	--	D00203060010 : Straw Wattle	CA	--	8/5/2015
--	--	--	--	--	D00203060012 : Straw Wattle	CA	--	5/30/2019
--	--	--	--	--	D00204040003 : Culvert	CA	4/29/2011	12/7/2010
--	--	--	--	--	D00204060006 : Rip Rap	CA	4/29/2011	12/7/2010
--	--	--	--	--	D00204060011 : Rip Rap	CA	--	5/30/2019
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D003	Site Monitoring Area No. DP-SMA-0.6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	126	ug/L	D MQL	D00302040015 : Established Vegetation	--	--	4/17/2013
Antimony, F	N	1.57	ug/L	D	D00303010013 : Earthen Berm	--	4/29/2011	3/29/2011
Arsenic, F	N	< 2	ug/L	ND MQL	D00303010014 : Earthen Berm	--	4/29/2011	3/29/2011
Arsenic, F	N	< 2	ug/L	ND MQL	D00303020011 : Base Course Berm	--	4/29/2011	3/29/2011
Boron, F	N	18.5	ug/L	D	D00304010004 : Earthen Channel/Swale	--	4/29/2011	3/29/2011
Cadmium, F	N	< 0.3	ug/L	ND	D00305020010 : Sediment Basin	--	4/29/2011	3/29/2011
Chromium, F	N	< 3	ug/L	ND	D00308020012 : Rock Cap	--	4/29/2011	3/29/2011
Cobalt, F	N	1.3	ug/L	D	--	--	--	--
Copper, F	N	2.14	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	199	pCi/L	ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	0.092	ug/L	D MQL	--	--	--	--
Nickel, F	N	1.24	ug/L	D MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	5.24	pCi/L	D No MQL	--	--	--	--
Selenium, UF	N	4.71	ug/L	D	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 05/15/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/26/2019. Corrective action was completed at Site 15-009(c) on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D003	Site Monitoring Area No. DP-SMA-0.6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	4.62	ug/L	D	--	--	--	--
Zinc, F	N	9.52	ug/L	D	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 05/15/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/26/2019. Corrective action was completed at Site 15-009(c) on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D004	Site Monitoring Area No. DP-SMA-1	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	D00402040015 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	D00403010002 : Earthen Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00403010011 : Earthen Berm	BCM	--	5/18/2011
--	--	--	--	--	D00403010017 : Earthen Berm	BCM	--	2/8/2017
--	--	--	--	--	D00403020014 : Base Course Berm	BCM	--	8/4/2011
--	--	--	--	--	D00403120009 : Rock Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00403120012 : Rock Berm	BCM	--	5/18/2011
--	--	--	--	--	D00404060016 : Rip Rap	BCM	--	5/1/2014
--	--	--	--	--	D00406030006 : Juniper Bales	BCM	4/29/2011	12/7/2010
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Comments: The sampler was activated for baseline monitoring on 05/08/2019. The sampler attempted but was unable to collect a sample on 08/12/2019. The sampler was reset on 08/14/2019 (inoperable 2 d). The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D005	Site Monitoring Area No. DP-SMA-2	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	D00502040012 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	D00503010011 : Earthen Berm	BCM	--	5/18/2011
--	--	--	--	--	D00503020003 : Base Course Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	D00506030007 : Juniper Bales	BCM	12/1/2010	11/1/2010
--	--	--	--	--	D00506030009 : Juniper Bales	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 05/08/2019. The actuator was disturbed and triggered on 06/16/2019. The sampler was reset for monitoring on 07/02/2019 (inoperable 16 d). The actuator was found disturbed on 07/31/2019. The sampler was last known to be operable at the prior inspection on 07/02/2019 (inoperable up to 29 d). The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D006	Site Monitoring Area No. DP-SMA-2.35	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	D00602040007 : Established Vegetation	CA	--	4/17/2013
--	--	--	--	--	D00603020002 : Base Course Berm	CA	4/29/2011	12/7/2010
--	--	--	--	--	D00604060004 : Rip Rap	CA	4/29/2011	12/7/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D007	Site Monitoring Area No. DP-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	382	ug/L	D MQL	D00702040023 : Established Vegetation	CA	--	4/17/2013
Aluminum, F	N	471	ug/L	D MQL	D00703010016 : Earthen Berm	CA	9/29/2012	8/30/2012
Antimony, F	N	< 1	ug/L	ND	D00703010017 : Earthen Berm	CA	9/29/2012	8/30/2012
Antimony, F	N	< 1	ug/L	ND	D00703010018 : Earthen Berm	CA	9/29/2012	8/30/2012
Arsenic, F	N	< 2	ug/L	ND MQL	D00703010019 : Earthen Berm	CA	9/29/2012	8/30/2012
Arsenic, F	N	< 2	ug/L	ND MQL	D00703010020 : Earthen Berm	CA	9/29/2012	8/30/2012
Boron, F	N	15.6	ug/L	D	D00703010021 : Earthen Berm	CA	9/29/2012	8/30/2012
Boron, F	N	18.1	ug/L	D	D00703010022 : Earthen Berm	CA	9/29/2012	8/30/2012
Cadmium, F	N	< 0.3	ug/L	ND	D00703120015 : Rock Berm	CA	4/29/2011	1/12/2011
Cadmium, F	N	< 0.3	ug/L	ND	D00706010008 : Rock Check Dam	CA	4/29/2011	1/12/2011
Chromium, F	N	< 3	ug/L	ND	D00706010009 : Rock Check Dam	CA	4/29/2011	1/12/2011
Chromium, F	N	< 3	ug/L	ND	D00706010010 : Rock Check Dam	CA	4/29/2011	1/12/2011
Cobalt, F	N	1.04	ug/L	D	D00706010011 : Rock Check Dam	CA	4/29/2011	1/12/2011
Cobalt, F	N	1.03	ug/L	D	D00706010012 : Rock Check Dam	CA	4/29/2011	1/12/2011
Copper, F	N	2.21	ug/L	D	--	--	--	--
Copper, F	N	1.52	ug/L	D	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 05/15/2019. The sampler was turned off after a corrective action monitoring sample was collected on 07/25/2019. The sampler was reactivated for corrective action monitoring on 08/09/2019 (inoperable 15 d). The sampler was turned off after a second corrective action monitoring sample was collected on 08/09/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
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NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D007	Site Monitoring Area No. DP-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	164	pCi/L	ATAL	--	--	--	--
Gross alpha, UF	Y	66.5	pCi/L	ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	< 0.067	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	0.213	ug/L	D MQL	--	--	--	--
Nickel, F	N	< 1.36	ug/L	ND MQL	--	--	--	--
Nickel, F	N	1.06	ug/L	D MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	5.54	pCi/L	D No MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	4.83	pCi/L	D No MQL	--	--	--	--
Selenium, UF	Y	6.08	ug/L	ATAL	--	--	--	--
Selenium, UF	N	2.32	ug/L	D	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 05/15/2019. The sampler was turned off after a corrective action monitoring sample was collected on 07/25/2019. The sampler was reactivated for corrective action monitoring on 08/09/2019 (inoperable 15 d). The sampler was turned off after a second corrective action monitoring sample was collected on 08/09/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D007	Site Monitoring Area No. DP-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	4.99	ug/L	D	--	--	--	--
Vadium, F	N	3.58	ug/L	D	--	--	--	--
Zinc, F	N	18.2	ug/L	D	--	--	--	--
Zinc, F	N	13.7	ug/L	D	--	--	--	--
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Comments: The sampler was activated for corrective action monitoring on 05/15/2019. The sampler was turned off after a corrective action monitoring sample was collected on 07/25/2019. The sampler was reactivated for corrective action monitoring on 08/09/2019 (inoperable 15 d). The sampler was turned off after a second corrective action monitoring sample was collected on 08/09/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: D008	Site Monitoring Area No. DP-SMA-4	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	D00802040009 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	D00803010007 : Earthen Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00804050014 : Water Bar	BCM	--	11/4/2019
--	--	--	--	--	D00804060013 : Rip Rap	BCM	--	11/4/2019
--	--	--	--	--	D00806010008 : Rock Check Dam	BCM	--	9/13/2011
--	--	--	--	--	D00808020012 : Rock Cap	BCM	--	8/1/2016
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Comments: The sampler was activated for baseline monitoring on 05/15/2019. The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: F001	Site Monitoring Area No. F-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	F00102040018 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	F00103010017 : Earthen Berm	CA	--	9/18/2012
--	--	--	--	--	F00103010024 : Earthen Berm	CA	--	8/21/2015
--	--	--	--	--	F00103010025 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010026 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010027 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010028 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010029 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010030 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010031 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010035 : Earthen Berm	CA	--	8/21/2015
--	--	--	--	--	F00103010036 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010037 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010039 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010040 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010041 : Earthen Berm	CA	10/28/2015	9/28/2015

Comments: The sampler was activated for corrective action monitoring on 04/25/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
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NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: F001	Site Monitoring Area No. F-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	F00103010042 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010043 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103010044 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103120021 : Rock Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103120023 : Rock Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103140048 : Coir Log	CA	--	10/12/2018
--	--	--	--	--	F00103140051 : Coir Log	CA	--	10/12/2018
--	--	--	--	--	F00104010001 : Earthen Channel/Swale	CA	4/29/2011	12/22/2010
--	--	--	--	--	F00104010038 : Earthen Channel/Swale	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00104050033 : Water Bar	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00104060034 : Rip Rap	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00104060049 : Rip Rap	CA	--	10/12/2018
--	--	--	--	--	F00104060050 : Rip Rap	CA	--	10/12/2018
--	--	--	--	--	F00105060022 : Infiltration Basin	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00106010045 : Rock Check Dam	CA	--	10/12/2018
--	--	--	--	--	F00106010046 : Rock Check Dam	CA	--	10/12/2018

Comments: The sampler was activated for corrective action monitoring on 04/25/2019. The sampler was shut down for the winter on 11/07/2019.

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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

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: F001	Site Monitoring Area No. F-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	F00106010047 : Rock Check Dam	CA	--	10/12/2018
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Comments: The sampler was activated for corrective action monitoring on 04/25/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
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NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L001	Site Monitoring Area No. LA-SMA-0.85	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00102040009 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	L00103010008 : Earthen Berm	CA	11/22/2012	10/23/2012
--	--	--	--	--	L00103090006 : Curbing	CA	12/1/2010	11/1/2010
--	--	--	--	--	L00106010010 : Rock Check Dam	CA	--	10/23/2015
--	--	--	--	--	L00107010004 : Gabions	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
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NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L002	Site Monitoring Area No. LA-SMA-0.9	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00202040020 : Established Vegetation	BCM	--	5/16/2013
--	--	--	--	--	L00203010023 : Earthen Berm	BCM	--	6/4/2014
--	--	--	--	--	L00203010024 : Earthen Berm	BCM	--	6/4/2014
--	--	--	--	--	L00203010027 : Earthen Berm	BCM	--	10/23/2014
--	--	--	--	--	L00203090002 : Curbing	BCM	4/29/2011	12/9/2010
--	--	--	--	--	L00203090003 : Curbing	BCM	4/29/2011	12/9/2010
--	--	--	--	--	L00204040004 : Culvert	BCM	4/29/2011	12/9/2010
--	--	--	--	--	L00204040026 : Culvert	BCM	--	10/23/2014
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
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NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L003	Site Monitoring Area No. LA-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00302040025 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	L00303010019 : Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	L00303100015 : Gravel Bags	CA	--	5/15/2012
--	--	--	--	--	L00303120018 : Rock Berm	CA	--	8/2/2012
--	--	--	--	--	L00303120027 : Rock Berm	CA	--	6/30/2015
--	--	--	--	--	L00304020005 : Concrete/Asphalt Channel/Swale	CA	4/29/2011	12/9/2010
--	--	--	--	--	L00304030020 : Rock Channel/Swale	CA	12/27/2012	11/27/2012
--	--	--	--	--	L00304040004 : Culvert	CA	4/29/2011	12/9/2010
--	--	--	--	--	L00304040021 : Culvert	CA	12/27/2012	11/27/2012
--	--	--	--	--	L00304060022 : Rip Rap	CA	12/27/2012	11/27/2012
--	--	--	--	--	L00304060023 : Rip Rap	CA	--	10/31/2012
--	--	--	--	--	L00304060024 : Rip Rap	CA	--	10/31/2012
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Comments: No confirmation monitoring was conducted in 2019. 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.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L004	Site Monitoring Area No. LA-SMA-1.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00402040007 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	L00404060003 : Rip Rap	CA	4/29/2011	12/8/2010
--	--	--	--	--	L00404060005 : Rip Rap	CA	--	9/29/2011
--	--	--	--	--	L00406010004 : Rock Check Dam	CA	4/29/2011	12/8/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L005	Site Monitoring Area No. LA-SMA-1.25	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00502040008 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	L00503010007 : Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	L00503020001 : Base Course Berm	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L030	Site Monitoring Area No. LA-SMA-10.11	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L03004060003 : Rip Rap	BCM	4/29/2011	12/8/2010
--	--	--	--	--	L03004060009 : Rip Rap	BCM	4/29/2011	12/8/2010
--	--	--	--	--	L03006010001 : Rock Check Dam	BCM	4/29/2011	12/8/2010
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Comments: The sampler was activated for baseline monitoring on 05/01/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L030A	Site Monitoring Area No. LA-SMA-10.12	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L030A02040032 : Established Vegetation	CA	--	4/26/2013
--	--	--	--	--	L030A03010025 : Earthen Berm	CA	--	8/15/2011
--	--	--	--	--	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	--	8/16/2016
--	--	--	--	--	L030A03060035 : Straw Wattle	CA	--	8/16/2016
--	--	--	--	--	L030A03060036 : Straw Wattle	CA	--	8/16/2016
--	--	--	--	--	L030A03120005 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120006 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120009 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120012 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120015 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120016 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120017 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120019 : Rock Berm	CA	4/29/2011	4/26/2011

Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 03/04/2016 with certification of completion of corrective action under E.2(a).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L030A	Site Monitoring Area No. LA-SMA-10.12	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L030A03120020 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120021 : Rock Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120030 : Rock Berm	CA	12/30/2012	11/30/2012
--	--	--	--	--	L030A04060007 : Rip Rap	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010001 : Rock Check Dam	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010002 : Rock Check Dam	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010003 : Rock Check Dam	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010008 : Rock Check Dam	CA	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010011 : Rock Check Dam	CA	4/29/2011	4/26/2011
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 03/04/2016 with certification of completion of corrective action under E.2(a).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L006	Site Monitoring Area No. LA-SMA-2.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00601060009 : Erosion Control Blanket	CA	--	6/5/2012
--	--	--	--	--	L00601060015 : Erosion Control Blanket	CA	10/25/2014	9/25/2014
--	--	--	--	--	L00602030017 : Permanent Vegetation Vegetative Buffer Strip	CA	10/25/2014	9/25/2014
--	--	--	--	--	L00602040011 : Established Vegetation	CA	--	5/13/2013
--	--	--	--	--	L00603080002 : Retaining Wall	CA	4/29/2011	4/26/2011
--	--	--	--	--	L00603140014 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	L00604010010 : Earthen Channel/Swale	CA	--	10/19/2012
--	--	--	--	--	L00604040018 : Culvert	CA	--	9/15/2016
--	--	--	--	--	L00604060006 : Rip Rap	CA	4/29/2011	4/26/2011
--	--	--	--	--	L00605020016 : Sediment Basin	CA	10/25/2014	9/25/2014
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Comments: The sampler was activated for corrective action monitoring on 04/30/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L007	Site Monitoring Area No. LA-SMA-2.3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00702040006 : Established Vegetation	CA	--	5/13/2013
--	--	--	--	--	L00703060010 : Straw Wattle	CA	--	9/21/2018
--	--	--	--	--	L00703080002 : Retaining Wall	CA	4/29/2011	12/8/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L008	Site Monitoring Area No. LA-SMA-3.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00802040007 : Established Vegetation	CA	--	5/14/2013
--	--	--	--	--	L00803140010 : Coir Log	CA	--	12/18/2019
--	--	--	--	--	L00804040004 : Culvert	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed on 10/24/2018. Alternative compliance was requested at all associated site(s) on 04/22/2019. Corrective action was completed at Site 01-001(e) on 12/23/2019 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L009	Site Monitoring Area No. LA-SMA-3.9	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L00901060007 : Erosion Control Blanket	BCM	--	9/7/2016
--	--	--	--	--	L00902040005 : Established Vegetation	BCM	--	5/14/2013
--	--	--	--	--	L00904040002 : Culvert	BCM	4/29/2011	12/8/2010
--	--	--	--	--	L00906020008 : Log Check Dam	BCM	--	9/7/2016
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Comments: The sampler was activated for baseline monitoring on 05/02/2019. The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L010	Site Monitoring Area No. LA-SMA-4.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L01001060011 : Erosion Control Blanket	CA	--	9/7/2016
--	--	--	--	--	L01002040010 : Established Vegetation	CA	--	4/2/2013
--	--	--	--	--	L01003060012 : Straw Wattle	CA	--	9/7/2016
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L011	Site Monitoring Area No. LA-SMA-4.2	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L01102040008 : Established Vegetation	BCM	--	4/2/2013
--	--	--	--	--	L01103140016 : Coir Log	BCM	--	9/18/2019
--	--	--	--	--	L01103140017 : Coir Log	BCM	--	9/18/2019
--	--	--	--	--	L01106010002 : Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L01106010005 : Rock Check Dam	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 05/02/2019. The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L012	Site Monitoring Area No. LA-SMA-5.01	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L01201060029 : Erosion Control Blanket	BCM	--	6/19/2018
--	--	--	--	--	L01202040012 : Established Vegetation	BCM	--	4/2/2013
--	--	--	--	--	L01203010004 : Earthen Berm	BCM	4/29/2011	12/8/2010
--	--	--	--	--	L01203010007 : Earthen Berm	BCM	4/29/2011	12/8/2010
--	--	--	--	--	L01203060024 : Straw Wattle	BCM	--	11/23/2015
--	--	--	--	--	L01203100023 : Gravel Bags	BCM	--	8/4/2015
--	--	--	--	--	L01203120010 : Rock Berm	BCM	4/29/2011	12/16/2010
--	--	--	--	--	L01203140030 : Coir Log	BCM	--	10/1/2018
--	--	--	--	--	L01204050008 : Water Bar	BCM	4/29/2011	12/16/2010
--	--	--	--	--	L01204060006 : Rip Rap	BCM	4/29/2011	12/8/2010
--	--	--	--	--	L01204060028 : Rip Rap	BCM	--	6/19/2018
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Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler attempted but was unable to collect a sample on 08/07/2019 and was reset on 08/14/2019 (inoperable 7 d). The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L012A	Site Monitoring Area No. LA-SMA-5.02	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L012A02040012 : Established Vegetation	CA	--	4/2/2013
--	--	--	--	--	L012A03090022 : Curbing	CA	--	11/3/2014
--	--	--	--	--	L012A03140029 : Coir Log	CA	--	9/18/2019
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L013	Site Monitoring Area No. LA-SMA-5.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	498	ug/L	D MQL	L01302040005 : Established Vegetation	CA	--	5/16/2013
Antimony, F	N	529	ug/L	D	L01306020007 : Log Check Dam	CA	--	5/29/2013
Arsenic, F	Y	10.2	ug/L	ATAL	--	--	--	--
Boron, F	N	48.1	ug/L	D	--	--	--	--
Cadmium, F	N	< 0.3	ug/L	ND	--	--	--	--
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	8.07	ug/L	D	--	--	--	--
Copper, F	N	3.65	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	2320	pCi/L	ATAL	--	--	--	--
Lead, F	N	8.17	ug/L	D MQL	--	--	--	--
Mercury, UF	N	0.302	ug/L	D MQL	--	--	--	--
Nickel, F	N	7.03	ug/L	D MQL	--	--	--	--
Radium-226 and Radium-228, UF	Y	33.7	pCi/L	ATAL	--	--	--	--
Selenium, UF	Y	12.1	ug/L	ATAL	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/26/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L013	Site Monitoring Area No. LA-SMA-5.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	4.84	ug/L	D	--	--	--	--
Zinc, F	Y	79.8	ug/L	MTAL	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/26/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L015	Site Monitoring Area No. LA-SMA-5.31	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L01501010015 : Seed and Wood Mulch	CA	--	5/16/2013
--	--	--	--	--	L01503010012 : Earthen Berm	CA	--	11/27/2012
--	--	--	--	--	L01503120011 : Rock Berm	CA	8/26/2012	7/27/2012
--	--	--	--	--	L01504060013 : Rip Rap	CA	--	11/27/2012
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Comments: The sampler was activated for corrective action monitoring on 04/30/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L016	Site Monitoring Area No. LA-SMA-5.33	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L01602040014 : Established Vegetation	CA	--	5/14/2013
--	--	--	--	--	L01603010009 : Earthen Berm	CA	8/29/2012	7/30/2012
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 03/07/2013 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L014	Site Monitoring Area No. LA-SMA-5.35	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	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
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L017	Site Monitoring Area No. LA-SMA-5.361	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	330	ug/L	D MQL	L01702040010 : Established Vegetation	CA	--	4/17/2013
Antimony, F	N	< 1	ug/L	ND	L01703020012 : Base Course Berm	CA	--	6/10/2015
Arsenic, F	N	2.08	ug/L	D MQL	L01706010009 : Rock Check Dam	CA	--	7/12/2011
Boron, F	N	33.7	ug/L	D	L01708020013 : Rock Cap	CA	--	6/10/2015
Cadmium, F	N	< 0.3	ug/L	ND	--	--	--	--
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	< 1	ug/L	ND	--	--	--	--
Copper, F	N	4.08	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	325	pCi/L	ATAL	--	--	--	--
Lead, F	N	0.752	ug/L	D MQL	--	--	--	--
Mercury, UF	N	< 0.067	ug/L	ND MQL	--	--	--	--
Nickel, F	N	< 1.56	ug/L	ND MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	13	pCi/L	D No MQL	--	--	--	--
Selenium, UF	Y	9.03	ug/L	ATAL	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was turned off after a baseline monitoring sample was collected on 08/07/2019. Corrective action was completed at site 32-002(b1) on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L017	Site Monitoring Area No. LA-SMA-5.361	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	< 1	ug/L	ND	--	--	--	--
Zinc, F	N	8.1	ug/L	D	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was turned off after a baseline monitoring sample was collected on 08/07/2019. Corrective action was completed at site 32-002(b1) on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L017A	Site Monitoring Area No. LA-SMA-5.362	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L017A02040010 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L017A03020012 : Base Course Berm	BCM	--	6/10/2015
--	--	--	--	--	L017A03100014 : Gravel Bags	BCM	--	11/29/2018
--	--	--	--	--	L017A06010006 : Rock Check Dam	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L017A08020013 : Rock Cap	BCM	--	6/10/2015
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Comments: The sampler was activated for baseline monitoring on 05/16/2019. The sampler was shut down for the winter on 11/14/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L018	Site Monitoring Area No. LA-SMA-5.51	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L01802040009 : Established Vegetation	CA	--	4/11/2013
--	--	--	--	--	L01803010010 : Earthen Berm	CA	7/27/2014	6/27/2014
--	--	--	--	--	L01803010011 : Earthen Berm	CA	7/27/2014	6/27/2014
--	--	--	--	--	L01803010012 : Earthen Berm	CA	7/27/2014	6/27/2014
--	--	--	--	--	L01807010003 : Gabions	CA	4/29/2011	3/29/2011
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Comments: The sampler was activated for corrective action monitoring on 04/23/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L018A	Site Monitoring Area No. LA-SMA-5.52	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L018A01060021 : Erosion Control Blanket	CA	11/27/2015	10/28/2015
--	--	--	--	--	L018A02040007 : Established Vegetation	CA	--	4/11/2013
--	--	--	--	--	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	--	8/22/2014
--	--	--	--	--	L018A06010010 : Rock Check Dam	CA	11/27/2015	10/28/2015
--	--	--	--	--	L018A06010020 : Rock Check Dam	CA	11/27/2015	10/28/2015
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Comments: The sampler was activated for corrective action monitoring on 04/23/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L018B	Site Monitoring Area No. LA-SMA-5.53	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L018B02040007 : Established Vegetation	BCM	--	4/11/2013
--	--	--	--	--	L018B03010002 : Earthen Berm	BCM	4/29/2011	3/29/2011
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler attempted but was unable to collect a sample on 07/03/2019. The sampler was reset on 07/18/2019 (inoperable 15 d). The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L018C	Site Monitoring Area No. LA-SMA-5.54	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L018C02040033 : Established Vegetation	CA	--	11/9/2015
--	--	--	--	--	L018C03010002 : Earthen Berm	CA	4/29/2011	3/29/2011
--	--	--	--	--	L018C03010014 : Earthen Berm	CA	10/25/2014	9/25/2014
--	--	--	--	--	L018C03010015 : Earthen Berm	CA	10/25/2014	9/25/2014
--	--	--	--	--	L018C03120024 : Rock Berm	CA	--	9/11/2014
--	--	--	--	--	L018C03140020 : Coir Log	CA	--	8/7/2014
--	--	--	--	--	L018C03140021 : Coir Log	CA	--	8/7/2014
--	--	--	--	--	L018C03140022 : Coir Log	CA	--	8/7/2014
--	--	--	--	--	L018C03140026 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	L018C03140029 : Coir Log	CA	--	9/17/2014
--	--	--	--	--	L018C03140030 : Coir Log	CA	--	9/17/2014
--	--	--	--	--	L018C03140034 : Coir Log	CA	--	11/28/2018
--	--	--	--	--	L018C03140035 : Coir Log	CA	--	8/26/2019
--	--	--	--	--	L018C04030013 : Rock Channel/Swale	CA	10/25/2014	9/25/2014
--	--	--	--	--	L018C04080016 : TRM-Lined Swale	CA	--	8/22/2014
--	--	--	--	--	L018C06010017 : Rock Check Dam	CA	--	9/10/2014

Comments: The sampler was activated for corrective action monitoring on 04/29/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L018C	Site Monitoring Area No. LA-SMA-5.54	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L018C06010018 : Rock Check Dam	CA	--	9/10/2014
--	--	--	--	--	L018C06010019 : Rock Check Dam	CA	--	9/10/2014
--	--	--	--	--	L018C06010023 : Rock Check Dam	CA	--	9/10/2014
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Comments: The sampler was activated for corrective action monitoring on 04/29/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L019	Site Monitoring Area No. LA-SMA-5.91	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L01902040010 : Established Vegetation	CA	--	5/14/2013
--	--	--	--	--	L01905020015 : Sediment Basin	CA	8/7/2013	7/8/2013
--	--	--	--	--	L01906020013 : Log Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	L01906020014 : Log Check Dam	CA	8/7/2013	7/8/2013
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Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L019A	Site Monitoring Area No. LA-SMA-5.92	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L019A02040007 : Established Vegetation	CA	--	5/14/2013
--	--	--	--	--	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	--	9/22/2016
--	--	--	--	--	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	CA	12/1/2010	11/1/2010
--	--	--	--	--	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	--	1/29/2014

Comments: The sampler was activated for corrective action monitoring on 05/14/2019. The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L019A	Site Monitoring Area No. LA-SMA-5.92	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L019A06020010 : Log Check Dam	CA	--	1/29/2014
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Comments: The sampler was activated for corrective action monitoring on 05/14/2019. The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L020	Site Monitoring Area No. LA-SMA-6.25	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02002040007 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L02003040002 : Asphalt Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L02003140015 : Coir Log	BCM	--	8/29/2019
--	--	--	--	--	L02006010013 : Rock Check Dam	BCM	--	8/12/2014
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Comments: The sampler was activated for baseline monitoring on 04/25/2019. The sampler attempted but was unable to collect on 07/26/2019. The sampler was reset for monitoring on 08/01/2019 (inoperable 6 d). The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L021	Site Monitoring Area No. LA-SMA-6.27	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02102040011 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L02103040001 : Asphalt Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L02103060021 : Straw Wattle	BCM	--	9/18/2019
--	--	--	--	--	L02103060022 : Straw Wattle	BCM	--	9/18/2019
--	--	--	--	--	L02106010015 : Rock Check Dam	BCM	--	1/30/2014
--	--	--	--	--	L02106010016 : Rock Check Dam	BCM	--	1/30/2014
--	--	--	--	--	L02106010017 : Rock Check Dam	BCM	--	1/30/2014
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Comments: The sampler was activated for baseline monitoring on 04/25/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L022	Site Monitoring Area No. LA-SMA-6.3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	Y	902	ug/L	MTAL	L02202040009 : Established Vegetation	CA	--	4/17/2013
Antimony, F	N	< 1	ug/L	ND	L02203040005 : Asphalt Berm	CA	4/29/2011	12/7/2010
Arsenic, F	N	< 2	ug/L	ND MQL	L02206010001 : Rock Check Dam	CA	4/29/2011	12/7/2010
Benzo(a)pyrene, UF	N	< 0.0408	ug/L	ND	L02206010010 : Rock Check Dam	CA	--	8/12/2014
Boron, F	N	27.1	ug/L	D	--	--	--	--
Cadmium, F	N	0.41	ug/L	D	--	--	--	--
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	1.36	ug/L	D	--	--	--	--
Copper, F	N	3.53	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	857	pCi/L	ATAL	--	--	--	--
Hexachlorobenzene, UF	N	< 0.012	ug/L	ND ATAL	--	--	--	--
Lead, F	N	1.31	ug/L	D MQL	--	--	--	--
Mercury, UF	N	0.292	ug/L	D MQL	--	--	--	--
Nickel, F	N	1.19	ug/L	D MQL	--	--	--	--
Pentachlorophenol, UF	N	< 4.08	ug/L	ND	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/25/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/26/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L022	Site Monitoring Area No. LA-SMA-6.3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Pentachlorophenol, UF	N	< 3.8	ug/L	ND	--	--	--	--
Radium-226 and Radium-228, UF	N	20.9	pCi/L	D No MQL	--	--	--	--
Selenium, UF	Y	5.66	ug/L	ATAL	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	1.48	ug/L	D	--	--	--	--
Zinc, F	N	< 11.4	ug/L	ND	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/25/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/26/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L022A	Site Monitoring Area No. LA-SMA-6.31	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L022A02040008 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L022A03040002 : Asphalt Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L022A06010005 : Rock Check Dam	BCM	4/29/2011	12/7/2010
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Comments: The sampler was activated for baseline monitoring on 04/25/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L023	Site Monitoring Area No. LA-SMA-6.32	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02302040006 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L02303040002 : Asphalt Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02303060005 : Straw Wattle	BCM	--	6/4/2012
--	--	--	--	--	L02303060007 : Straw Wattle	BCM	--	6/4/2019
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Comments: The sampler was activated for baseline monitoring on 05/16/2019. The sampler was shut down for the winter on 11/12/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L024	Site Monitoring Area No. LA-SMA-6.34	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02402040006 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L02403040003 : Asphalt Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02406010005 : Rock Check Dam	BCM	4/29/2011	12/7/2010
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L025	Site Monitoring Area No. LA-SMA-6.36	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02502040010 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L02503010008 : Earthen Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02503010009 : Earthen Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02504050012 : Water Bar	BCM	--	11/27/2019
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L026	Site Monitoring Area No. LA-SMA-6.38	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02602040011 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L02603060013 : Straw Wattle	BCM	--	9/18/2019
--	--	--	--	--	L02604060006 : Rip Rap	BCM	4/29/2011	12/7/2010
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler attempted but was unable to collect a sample on 07/03/2019. The sampler was reset on 07/18/2019 (inoperable 15 d). The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L027	Site Monitoring Area No. LA-SMA-6.395	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02702040008 : Established Vegetation	CA	--	4/17/2013
--	--	--	--	--	L02703010004 : Earthen Berm	CA	4/29/2011	12/7/2010
--	--	--	--	--	L02703010005 : Earthen Berm	CA	4/29/2011	12/7/2010
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Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L028	Site Monitoring Area No. LA-SMA-6.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02802040008 : Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L02803010004 : Earthen Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02803010006 : Earthen Berm	BCM	4/29/2011	12/16/2010
--	--	--	--	--	L02806010002 : Rock Check Dam	BCM	4/29/2011	12/7/2010
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: L029	Site Monitoring Area No. LA-SMA-9	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	L02902040015 : Established Vegetation	CA	--	5/14/2013
--	--	--	--	--	L02903010014 : Earthen Berm	CA	4/29/2011	3/29/2011
--	--	--	--	--	L02903020019 : Base Course Berm	CA	--	10/30/2015
--	--	--	--	--	L02903020021 : Base Course Berm	CA	--	10/30/2015
--	--	--	--	--	L02903120018 : Rock Berm	CA	--	10/30/2015
--	--	--	--	--	L02904050009 : Water Bar	CA	4/29/2011	3/29/2011
--	--	--	--	--	L02904050010 : Water Bar	CA	4/29/2011	3/29/2011
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M001	Site Monitoring Area No. M-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00102040009 : Established Vegetation	CA	--	4/4/2013
--	--	--	--	--	M00107010001 : Gabions	CA	12/1/2010	11/1/2010
--	--	--	--	--	M00107010006 : Gabions	CA	12/1/2010	11/1/2010
--	--	--	--	--	M00107010008 : Gabions	CA	12/27/2012	11/27/2012
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M002	Site Monitoring Area No. M-SMA-1.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00202040009 : Established Vegetation	CA	--	4/4/2013
--	--	--	--	--	M00203060012 : Straw Wattle	CA	--	9/18/2014
--	--	--	--	--	M00203140011 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	M00204060008 : Rip Rap	CA	4/29/2011	12/13/2010
--	--	--	--	--	M00205020010 : Sediment Basin	CA	10/25/2014	9/25/2014
--	--	--	--	--	M00206010003 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	M00206010004 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 01/16/2018. Alternative compliance was requested at all associated site(s) on 04/22/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M002A	Site Monitoring Area No. M-SMA-1.21	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M002A02040007 : Established Vegetation	CA	--	4/4/2013
--	--	--	--	--	M002A03010006 : Earthen Berm	CA	--	8/5/2011
--	--	--	--	--	M002A03020002 : Base Course Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	M002A03120005 : Rock Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	M002A04060003 : Rip Rap	CA	4/29/2011	12/13/2010
--	--	--	--	--	M002A06010004 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M002B	Site Monitoring Area No. M-SMA-1.22	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M002B02040014 : Established Vegetation	CA	--	4/4/2013
--	--	--	--	--	M002B03010010 : Earthen Berm	CA	6/1/2013	5/2/2013
--	--	--	--	--	M002B03010011 : Earthen Berm	CA	6/1/2013	5/2/2013
--	--	--	--	--	M002B03010012 : Earthen Berm	CA	6/1/2013	5/2/2013
--	--	--	--	--	M002B04050002 : Water Bar	CA	4/29/2011	1/12/2011
--	--	--	--	--	M002B05030013 : Sand Filter	CA	6/1/2013	5/2/2013
--	--	--	--	--	M002B06010008 : Rock Check Dam	CA	4/29/2011	1/12/2011
--	--	--	--	--	M002B06010009 : Rock Check Dam	CA	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M012	Site Monitoring Area No. M-SMA-10	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M01202040012 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	M01204060004 : Rip Rap	CA	4/29/2011	12/13/2010
--	--	--	--	--	M01204060007 : Rip Rap	CA	4/29/2011	12/13/2010
--	--	--	--	--	M01206010001 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	M01206010005 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	M01206010006 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	M01206010009 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	M01206010010 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/29/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M012A	Site Monitoring Area No. M-SMA-10.01	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M012A02040008 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	M012A03010006 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	M012A03010007 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	M012A06010003 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M013	Site Monitoring Area No. M-SMA-10.3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M01302040014 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	M01303010012 : Earthen Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	M01303100013 : Gravel Bags	CA	4/29/2011	4/26/2011
--	--	--	--	--	M01306010017 : Rock Check Dam	CA	--	8/25/2014
--	--	--	--	--	M01306010018 : Rock Check Dam	CA	--	8/25/2014
--	--	--	--	--	M01306010020 : Rock Check Dam	CA	--	8/21/2019
--	--	--	--	--	M01306010021 : Rock Check Dam	CA	--	8/21/2019
--	--	--	--	--	M01308020019 : Rock Cap	CA	--	7/12/2017
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2013 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M014	Site Monitoring Area No. M-SMA-11.1	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M01402040008 : Established Vegetation	BCM	--	4/30/2013
--	--	--	--	--	M01403090005 : Curbing	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01403100010 : Gravel Bags	BCM	--	10/20/2015
--	--	--	--	--	M01404060001 : Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01406020006 : Log Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for baseline monitoring on 05/17/2019. The sampler was shut down for the winter on 11/01/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M015	Site Monitoring Area No. M-SMA-12	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M01502040008 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	M01503090010 : Curbing	CA	--	12/4/2017
--	--	--	--	--	M01506020001 : Log Check Dam	CA	4/29/2011	3/29/2011
--	--	--	--	--	M01506020006 : Log Check Dam	CA	4/29/2011	3/29/2011
--	--	--	--	--	M01506020007 : Log Check Dam	CA	4/29/2011	3/29/2011
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M016	Site Monitoring Area No. M-SMA-12.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	301	ug/L	D MQL	M01601010011 : Seed and Wood Mulch	CA	--	6/15/2011
Antimony, F	N	< 1	ug/L	ND	M01602040012 : Established Vegetation	CA	--	5/1/2013
Arsenic, F	N	< 2	ug/L	ND MQL	M01603010009 : Earthen Berm	CA	--	6/15/2011
Benzo(a)pyrene, UF	N	< 0.0642	ug/L	ND	M01603010010 : Earthen Berm	CA	--	6/15/2011
Boron, F	N	< 15	ug/L	ND	M01603100013 : Gravel Bags	CA	--	8/28/2017
Cadmium, F	N	< 0.3	ug/L	ND	--	--	--	--
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	1.51	ug/L	D	--	--	--	--
Copper, F	N	2.65	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	1.92	ug/L	D	--	--	--	--
Gross alpha, UF	Y	217	pCi/L	ATAL	--	--	--	--
Hexachlorobenzene, UF	N	< 0.0145	ug/L	ND ATAL	--	--	--	--
Lead, F	N	0.741	ug/L	D MQL	--	--	--	--
Mercury, UF	N	0.618	ug/L	D MQL	--	--	--	--
Nickel, F	N	0.772	ug/L	D MQL	--	--	--	--
Pentachlorophenol, UF	N	< 6.42	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/25/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M016	Site Monitoring Area No. M-SMA-12.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Radium-226 and Radium-228, UF	N	3.47	pCi/L	D No MQL	--	--	--	--
RDX, UF	N	< 1.42	ug/L	ND No MQL	--	--	--	--
Selenium, UF	Y	12.2	ug/L	ATAL	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	< 0.495	ug/L	ND No MQL	--	--	--	--
Vadium, F	N	2.29	ug/L	D	--	--	--	--
Zinc, F	N	6.85	ug/L	D	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/25/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M017	Site Monitoring Area No. M-SMA-12.6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M01701010013 : Seed and Wood Mulch	CA	--	8/15/2012
--	--	--	--	--	M01702040014 : Established Vegetation	CA	--	5/1/2013
--	--	--	--	--	M01703010010 : Earthen Berm	CA	--	6/15/2011
--	--	--	--	--	M01703020005 : Base Course Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	M01703020006 : Base Course Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	M01703020007 : Base Course Berm	CA	4/29/2011	4/26/2011
--	--	--	--	--	M01703060016 : Straw Wattle	CA	--	--
--	--	--	--	--	M01706010008 : Rock Check Dam	CA	4/29/2011	4/26/2011
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 05/16/2019 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M018	Site Monitoring Area No. M-SMA-12.7	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M01802040012 : Established Vegetation	BCM	--	5/1/2013
--	--	--	--	--	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	--	7/14/2015
--	--	--	--	--	M01806020009 : Log Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M019	Site Monitoring Area No. M-SMA-12.8	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	Y	849	ug/L	MTAL	M01902040010 : Established Vegetation	CA	--	5/1/2013
Antimony, F	N	1.26	ug/L	D	M01903060009 : Straw Wattle	CA	--	8/13/2012
Arsenic, F	N	< 2	ug/L	ND MQL	M01903120012 : Rock Berm	CA	--	12/20/2016
Benzo(a)pyrene, UF	N	< 0.0625	ug/L	ND	M01903140013 : Coir Log	CA	--	9/25/2019
Boron, F	N	< 15	ug/L	ND	M01903160011 : Wood Chip Wattle	CA	--	7/14/2015
Cadmium, F	N	< 0.3	ug/L	ND	--	--	--	--
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	1.24	ug/L	D	--	--	--	--
Copper, F	N	4.29	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	338	pCi/L	ATAL	--	--	--	--
Hexachlorobenzene, UF	N	< 0.00679	ug/L	ND ATAL	--	--	--	--
Lead, F	N	1.73	ug/L	D MQL	--	--	--	--
Mercury, UF	N	0.19	ug/L	D MQL	--	--	--	--
Nickel, F	N	1.31	ug/L	D MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/25/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

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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

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M019	Site Monitoring Area No. M-SMA-12.8	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Pentachlorophenol, UF	N	< 6.25	ug/L	ND MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	20.4	pCi/L	D No MQL	--	--	--	--
RDX, UF	N	< 0.304	ug/L	ND No MQL	--	--	--	--
Selenium, UF	Y	7.07	ug/L	ATAL	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	< 0.304	ug/L	ND No MQL	--	--	--	--
Vadium, F	N	1.83	ug/L	D	--	--	--	--
Zinc, F	N	8.85	ug/L	D	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/25/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M020	Site Monitoring Area No. M-SMA-12.9	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M02002040012 : Established Vegetation	CA	--	5/1/2013
--	--	--	--	--	M02003010008 : Earthen Berm	CA	--	7/29/2011
--	--	--	--	--	M02003120019 : Rock Berm	CA	--	4/22/2016
--	--	--	--	--	M02003140022 : Coir Log	CA	--	11/2/2017
--	--	--	--	--	M02003160014 : Wood Chip Wattle	CA	--	7/14/2015
--	--	--	--	--	M02006020013 : Log Check Dam	CA	--	5/1/2013
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M021	Site Monitoring Area No. M-SMA-12.92	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M02102040005 : Established Vegetation	BCM	--	5/1/2013
--	--	--	--	--	M02104060006 : Rip Rap	BCM	--	1/9/2017
--	--	--	--	--	M02105010001 : Sediment Trap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M02105010003 : Sediment Trap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M02105010004 : Sediment Trap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M02107010007 : Gabion	BCM	--	1/9/2017
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M022	Site Monitoring Area No. M-SMA-13	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M02202040014 : Established Vegetation	BCM	--	5/1/2013
--	--	--	--	--	M02203010013 : Earthen Berm	BCM	--	7/28/2011
--	--	--	--	--	M02206010008 : Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M02206010009 : Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M02206010010 : Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M02206010011 : Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M02206020001 : Log Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M02206020003 : Log Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M02206020015 : Log Check Dam	BCM	--	8/28/2017
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 10/21/2013.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M003	Site Monitoring Area No. M-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00304050005 : Water Bar	CA	4/29/2011	4/26/2011
--	--	--	--	--	M00304060001 : Rip Rap	CA	4/29/2011	4/26/2011
--	--	--	--	--	M00304060008 : Rip Rap	CA	4/29/2011	4/26/2011
--	--	--	--	--	M00304060014 : Rip Rap	CA	--	11/4/2014
--	--	--	--	--	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
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Comments: The sampler was activated for corrective action monitoring on 05/13/2019 at Site 48-005. The sampler was shut down for the winter on 11/07/2019. Alternative compliance was requested on 05/06/2015 at Site(s) 48-001 and 48-007(c).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M004	Site Monitoring Area No. M-SMA-3.1	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00402040007 : Established Vegetation	BCM	--	4/29/2013
--	--	--	--	--	M00403040006 : Asphalt Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M00403100008 : Gravel Bags	BCM	--	7/5/2017
--	--	--	--	--	M00404060005 : Rip Rap	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for baseline monitoring on 05/13/2019. The sampler was shut down for the winter on 11/14/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M005	Site Monitoring Area No. M-SMA-3.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00502040018 : Established Vegetation	BCM	--	4/29/2013
--	--	--	--	--	M00503010015 : Earthen Berm	BCM	4/29/2011	--
--	--	--	--	--	M00503010016 : Earthen Berm	BCM	4/29/2011	--
--	--	--	--	--	M00503120009 : Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00503120010 : Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00503120013 : Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00503120014 : Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00504060011 : Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00504060012 : Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00504060017 : Rip Rap	BCM	4/29/2011	--
--	--	--	--	--	M00504060019 : Rip Rap	BCM	--	10/30/2014
--	--	--	--	--	M00506010004 : Rock Check Dam	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00506010005 : Rock Check Dam	BCM	4/29/2011	4/26/2011
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Comments: The sampler was activated for baseline monitoring on 05/13/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M006	Site Monitoring Area No. M-SMA-4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00602040014 : Established Vegetation	CA	--	4/29/2013
--	--	--	--	--	M00603120015 : Rock Berm	CA	--	11/4/2014
--	--	--	--	--	M00604060002 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	M00604060012 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	M00606010005 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	M00606010013 : Rock Check Dam	CA	--	11/3/2011
--	--	--	--	--	M00606010016 : Rock Check Dam	CA	--	11/4/2014
--	--	--	--	--	M00606010017 : Rock Check Dam	CA	--	11/4/2014
--	--	--	--	--	M00606010018 : Rock Check Dam	CA	--	11/4/2014
--	--	--	--	--	M00607010006 : Gabions	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. 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.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M007	Site Monitoring Area No. M-SMA-5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00702040016 : Established Vegetation	BCM	--	5/15/2013
--	--	--	--	--	M00703060015 : Straw Wattle	BCM	4/29/2011	4/28/2011
--	--	--	--	--	M00704020012 : Concrete/Asphalt Channel/Swale	BCM	4/29/2011	4/28/2011
--	--	--	--	--	M00704060001 : Rip Rap	BCM	4/29/2011	4/28/2011
--	--	--	--	--	M00704060008 : Rip Rap	BCM	4/29/2011	4/28/2011
--	--	--	--	--	M00706010002 : Rock Check Dam	BCM	4/29/2011	4/28/2011
--	--	--	--	--	M00706010007 : Rock Check Dam	BCM	4/29/2011	4/28/2011
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Comments: The sampler was activated for baseline monitoring on 05/10/2019. The sampler was shut down for the winter on 10/30/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M008	Site Monitoring Area No. M-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00802040024 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	M00803010033 : Earthen Berm	CA	--	8/28/2014
--	--	--	--	--	M00803060034 : Straw Wattle	CA	--	8/19/2015
--	--	--	--	--	M00803060035 : Straw Wattle	CA	--	8/19/2015
--	--	--	--	--	M00803060036 : Straw Wattle	CA	--	8/19/2015
--	--	--	--	--	M00803120031 : Rock Berm	CA	--	8/28/2014
--	--	--	--	--	M00804050048 : Water Bar	CA	--	8/18/2015
--	--	--	--	--	M00804060001 : Rip Rap	CA	4/29/2011	12/13/2010
--	--	--	--	--	M00804060014 : Rip Rap	CA	4/29/2011	12/13/2010
--	--	--	--	--	M00804060025 : Rip Rap	CA	--	4/30/2013
--	--	--	--	--	M00805020016 : Sediment Basin	CA	4/29/2011	12/13/2010
--	--	--	--	--	M00806010007 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	M00806010017 : Rock Check Dam	CA	--	4/11/2011
--	--	--	--	--	M00806010020 : Rock Check Dam	CA	--	4/11/2011
--	--	--	--	--	M00806010027 : Rock Check Dam	CA	--	12/17/2013
--	--	--	--	--	M00806010028 : Rock Check Dam	CA	--	12/17/2013

Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M008	Site Monitoring Area No. M-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00806010032 : Rock Check Dam	CA	--	8/28/2014
--	--	--	--	--	M00806010042 : Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00806010044 : Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00807020013 : Gabion Blanket	CA	4/29/2011	12/13/2010
--	--	--	--	--	M00808030002 : Concrete/Asphalt Cap	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M009	Site Monitoring Area No. M-SMA-7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M00902040009 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	M00903140012 : Coir Log	CA	--	7/25/2017
--	--	--	--	--	M00906010003 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M010	Site Monitoring Area No. M-SMA-7.9	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M01002040013 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	M01003010004 : Earthen Berm	CA	4/29/2011	12/3/2010
--	--	--	--	--	M01003010010 : Earthen Berm	CA	4/29/2011	12/3/2010
--	--	--	--	--	M01003010011 : Earthen Berm	CA	4/29/2011	12/3/2010
--	--	--	--	--	M01003010012 : Earthen Berm	CA	--	5/6/2011
--	--	--	--	--	M01003060014 : Straw Wattle	CA	--	8/22/2014
--	--	--	--	--	M01003060015 : Straw Wattle	CA	--	8/22/2014
--	--	--	--	--	M01003120005 : Rock Berm	CA	4/29/2011	12/3/2010
--	--	--	--	--	M01003120006 : Rock Berm	CA	4/29/2011	12/3/2010
--	--	--	--	--	M01003120016 : Rock Berm	CA	--	8/22/2014
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 04/21/2014.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: M011	Site Monitoring Area No. M-SMA-9.1	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	M01101020001 : Seed and Gravel Mulch	BCM	4/29/2011	1/12/2011
--	--	--	--	--	M01102040007 : Established Vegetation	BCM	--	4/30/2013
--	--	--	--	--	M01103120008 : Rock Berm	BCM	--	10/13/2015
--	--	--	--	--	M01106010005 : Rock Check Dam	BCM	4/29/2011	1/12/2011
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Comments: The sampler was activated for baseline monitoring on 05/17/2019. The sampler attempted but was unable to collect on 07/02/2019. The sampler was reset for monitoring on 07/03/2019 (inoperable 1 d). The sampler attempted but was unable to collect on 08/09/02019. The sampler was reset for monitoring on 08/16/2019 (inoperable 7 d). The sampler was shut down for the winter on 11/01/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P004	Site Monitoring Area No. P-SMA-0.3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00402040008 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	P00403010019 : Earthen Berm	CA	--	11/3/2015
--	--	--	--	--	P00403010020 : Earthen Berm	CA	--	11/3/2015
--	--	--	--	--	P00403140009 : Coir Log	CA	--	5/8/2014
--	--	--	--	--	P00403140023 : Coir Log	CA	--	8/9/2018
--	--	--	--	--	P00404050017 : Water Bar	CA	--	11/3/2015
--	--	--	--	--	P00404060022 : Rip Rap	CA	--	11/3/2015
--	--	--	--	--	P00406010012 : Rock Check Dam	CA	--	5/8/2014
--	--	--	--	--	P00406010013 : Rock Check Dam	CA	--	5/8/2014
--	--	--	--	--	P00406010014 : Rock Check Dam	CA	--	5/8/2014
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 09/16/2013 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P005	Site Monitoring Area No. P-SMA-1	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00501010053 : Seed and Wood Mulch	BCM	--	6/17/2016
--	--	--	--	--	P00502040040 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	P00503010050 : Earthen Berm	BCM	--	6/17/2016
--	--	--	--	--	P00503080003 : Retaining Wall	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00503080058 : Retaining Wall	BCM	--	3/23/2017
--	--	--	--	--	P00503080059 : Retaining Wall	BCM	--	3/23/2017
--	--	--	--	--	P00503090066 : Curbing	BCM	--	3/23/2017
--	--	--	--	--	P00504030057 : Rock Channel/Swale	BCM	--	3/23/2017
--	--	--	--	--	P00504030065 : Rock Channel/Swale	BCM	--	3/23/2017
--	--	--	--	--	P00504060046 : Rip Rap	BCM	--	4/17/2015
--	--	--	--	--	P00504060052 : Rip Rap	BCM	--	6/17/2016
--	--	--	--	--	P00504080051 : TRM-Lined Swale	BCM	--	6/17/2016
--	--	--	--	--	P00506010060 : Rock Check Dam	BCM	--	3/23/2017
--	--	--	--	--	P00506010061 : Rock Check Dam	BCM	--	3/23/2017
--	--	--	--	--	P00506010062 : Rock Check Dam	BCM	--	3/23/2017
--	--	--	--	--	P00506010063 : Rock Check Dam	BCM	--	3/23/2017

Comments: The sampler was activated for baseline monitoring on 04/22/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P005	Site Monitoring Area No. P-SMA-1	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00508010064 : Earth Cap	BCM	--	3/23/2017
--	--	--	--	--	P00508030067 : Concrete/Asphalt Cap	BCM	--	3/23/2017
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Comments: The sampler was activated for baseline monitoring on 04/22/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P006	Site Monitoring Area No. P-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00602040011 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	P00603020009 : Base Course Berm	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00603020010 : Base Course Berm	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00603100014 : Gravel Bags	CA	--	9/24/2018
--	--	--	--	--	P00603100015 : Gravel Bags	CA	--	7/25/2018
--	--	--	--	--	P00603120008 : Rock Berm	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00604010001 : Earthen Channel/Swale	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00604020006 : Concrete/Asphalt Channel/Swale	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00604060002 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00604060003 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	P00606010016 : Rock Check Dam	CA	--	9/17/2019
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 04/16/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P007	Site Monitoring Area No. P-SMA-2.15	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00702040007 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	P00704060003 : Rip Rap	BCM	4/29/2011	12/6/2010
--	--	--	--	--	P00704060006 : Rip Rap	BCM	4/29/2011	12/6/2010
--	--	--	--	--	P00706010004 : Rock Check Dam	BCM	4/29/2011	12/6/2010
--	--	--	--	--	P00706010005 : Rock Check Dam	BCM	4/29/2011	12/6/2010
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Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P008	Site Monitoring Area No. P-SMA-2.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	128	ug/L	D MQL	P00802040025 : Established Vegetation	CA	--	5/7/2013
Antimony, F	N	1.99	ug/L	D	P00803010027 : Earthen Berm	CA	--	5/2/2014
Arsenic, F	N	2.17	ug/L	D MQL	P00803010028 : Earthen Berm	CA	--	5/2/2014
Boron, F	N	37.9	ug/L	D	P00803010029 : Earthen Berm	CA	--	5/2/2014
Cadmium, F	N	< 0.3	ug/L	ND	P00803010030 : Earthen Berm	CA	--	5/2/2014
Chromium, F	N	< 3	ug/L	ND	P00803020012 : Base Course Berm	CA	4/29/2011	4/28/2011
Cobalt, F	N	1.83	ug/L	D	P00804020005 : Concrete/Asphalt Channel/Swale	CA	4/29/2011	4/28/2011
Copper, F	Y	14.8	ug/L	MTAL	P00804060001 : Rip Rap	CA	4/29/2011	4/28/2011
Cyanide, weak acid dissociable, UF	N	2.02	ug/L	D	P00804080017 : TRM-Lined Swale	CA	4/29/2011	4/28/2011
Gross alpha, UF	Y	667	pCi/L	ATAL	P00806010019 : Rock Check Dam	CA	4/29/2011	4/28/2011
Lead, F	N	0.54	ug/L	D MQL	P00806010020 : Rock Check Dam	CA	4/29/2011	4/28/2011
Mercury, UF	Y	9.28	ug/L	ATAL MTAL	P00806010021 : Rock Check Dam	CA	4/29/2011	4/28/2011
Nickel, F	N	1.66	ug/L	D MQL	P00806010022 : Rock Check Dam	CA	4/29/2011	4/28/2011
Radium-226 and Radium-228, UF	N	5.29	pCi/L	D No MQL	--	--	--	--
Selenium, UF	N	3.24	ug/L	D	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 05/07/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/25/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P008	Site Monitoring Area No. P-SMA-2.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Total PCB, UF	Y	3.07	ug/L	ATAL	--	--	--	--
Vadium, F	N	9.53	ug/L	D	--	--	--	--
Zinc, F	Y	81.7	ug/L	MTAL	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 05/07/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/25/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: P009	Site Monitoring Area No. P-SMA-3.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	P00902040012 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	P00903010008 : Earthen Berm	CA	4/29/2011	12/6/2010
--	--	--	--	--	P00903010009 : Earthen Berm	CA	4/29/2011	12/6/2010
--	--	--	--	--	P00903010010 : Earthen Berm	CA	--	5/18/2011
--	--	--	--	--	P00903010013 : Earthen Berm	CA	--	9/27/2016
--	--	--	--	--	P00903010015 : Earthen Berm	CA	--	9/27/2016
--	--	--	--	--	P00903140014 : Coir Log	CA	--	9/27/2016
--	--	--	--	--	P00904050005 : Water Bar	CA	4/29/2011	12/6/2010
--	--	--	--	--	P00904050006 : Water Bar	CA	4/29/2011	12/6/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 04/16/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J001	Site Monitoring Area No. PJ-SMA-1.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00102040019 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	J00103010018 : Earthen Berm	CA	--	8/27/2012
--	--	--	--	--	J00103010020 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	J00103010021 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	J00103010022 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	J00104050008 : Water Bar	CA	12/1/2010	11/1/2010
--	--	--	--	--	J00104050012 : Water Bar	CA	--	4/4/2011
--	--	--	--	--	J00104050013 : Water Bar	CA	--	4/4/2011
--	--	--	--	--	J00104050014 : Water Bar	CA	--	4/4/2011
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Comments: The sampler was activated for corrective action monitoring on 04/26/2019. The sampler was shut down for the winter on 11/15/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J012	Site Monitoring Area No. PJ-SMA-10	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J01203040032 : Asphalt Berm	CA	--	10/8/2018
--	--	--	--	--	J01204030030 : Rock Channel/Swale	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01205020033 : Sediment Basin	CA	--	10/8/2018
--	--	--	--	--	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 04/22/2019. The sampler attempted but was unable to collect on 10/04/2019. The sampler was reset for continued monitoring on 10/10/2019 (inoperable 6 d). The sampler was shut down for the winter on 11/19/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J013	Site Monitoring Area No. PJ-SMA-11	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	227	ug/L	D MQL	J01301010020 : Seed and Wood Mulch	CA	--	8/13/2013
Antimony, F	N	< 1	ug/L	ND	J01301010028 : Seed and Wood Mulch	CA	--	3/4/2015
Arsenic, F	N	< 2	ug/L	ND MQL	J01302040018 : Established Vegetation	CA	--	5/7/2013
Boron, F	N	36.7	ug/L	D	J01303010024 : Earthen Berm	CA	9/9/2015	8/10/2015
Cadmium, F	N	< 0.3	ug/L	ND	J01303010025 : Earthen Berm	CA	9/9/2015	8/10/2015
Chromium, F	N	< 3	ug/L	ND	J01303010026 : Earthen Berm	CA	9/9/2015	8/10/2015
Cobalt, F	N	1.93	ug/L	D	J01303010027 : Earthen Berm	CA	9/9/2015	8/10/2015
Copper, F	Y	92.7	ug/L	MTAL	J01303140029 : Coir Log	CA	--	12/2/2015
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	70.5	pCi/L	ATAL	--	--	--	--
Lead, F	N	1.01	ug/L	D MQL	--	--	--	--
Mercury, UF	N	0.133	ug/L	D MQL	--	--	--	--
Nickel, F	N	4.05	ug/L	D MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	1.47	pCi/L	D No MQL	--	--	--	--
Selenium, UF	N	3.94	ug/L	D	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 04/22/2019. The sampler was turned off after a second corrective action monitoring sample was collected on 07/02/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J013	Site Monitoring Area No. PJ-SMA-11	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	< 1	ug/L	ND	--	--	--	--
Zinc, F	N	33.4	ug/L	D	--	--	--	--
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Comments: The sampler was activated for corrective action monitoring on 04/22/2019. The sampler was turned off after a second corrective action monitoring sample was collected on 07/02/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J014	Site Monitoring Area No. PJ-SMA-11.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J01401010025 : Seed and Wood Mulch	CA	--	3/4/2015
--	--	--	--	--	J01402040015 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	J01403010020 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J01403010021 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J01403010022 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J01403010023 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J01403060027 : Straw Wattle	CA	--	8/24/2016
--	--	--	--	--	J01406010007 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	J01406010008 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	J01406010009 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: The sampler was activated for corrective action monitoring on 04/22/2019. The sampler was shut down for the winter on 11/19/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J015	Site Monitoring Area No. PJ-SMA-13	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J01502040005 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	J01503010003 : Earthen Berm	BCM	4/29/2011	3/29/2011
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was shut down for the winter on 11/20/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J016	Site Monitoring Area No. PJ-SMA-13.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J01602040011 : Established Vegetation	CA	--	5/2/2013
--	--	--	--	--	J01605020008 : Sediment Basin	CA	8/7/2013	7/8/2013
--	--	--	--	--	J01605020009 : Sediment Basin	CA	8/7/2013	7/8/2013
--	--	--	--	--	J01606010007 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	J01607010002 : Gabions	CA	4/29/2011	12/13/2010
--	--	--	--	--	J01608030010 : Concrete/Asphalt Cap	CA	8/7/2013	7/8/2013
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Comments: The sampler was activated for corrective action monitoring on 04/30/2019. The sampler was found inoperable due to insufficient battery voltage on 08/20/2019. The sampler was last known to be operable at the prior inspection on 07/26/2019 (inoperable up to 24 d). The sampler was found inoperable due to insufficient battery voltage on 09/16/2019. The sampler was last known to be operable at the prior inspection on 08/20/2019 (inoperable up to 27 d). The sampler was found inoperable due to insufficient battery voltage on 10/08/2019. The sampler was last known to be operable at the prior inspection on 09/16/2019 (inoperable up to 22 d). The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J017	Site Monitoring Area No. PJ-SMA-14	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J01701010004 : Seed and Wood Mulch	BCM	4/29/2011	3/29/2011
--	--	--	--	--	J01703010005 : Earthen Berm	BCM	--	11/21/2011
--	--	--	--	--	J01703010006 : Earthen Berm	BCM	--	11/21/2011
--	--	--	--	--	J01703020002 : Base Course Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	J01703020003 : Base Course Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	J01708010001 : Earth Cap	BCM	4/29/2011	3/29/2011
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Comments: The sampler was activated for baseline monitoring on 05/06/2019. The sampler was shut down for the winter on 11/14/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J018	Site Monitoring Area No. PJ-SMA-14.2	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J01802040005 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	J01803060006 : Straw Wattle	BCM	--	7/16/2013
--	--	--	--	--	J01803120004 : Rock Berm	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J019	Site Monitoring Area No. PJ-SMA-14.3	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J01902040003 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	J01903060006 : Straw Wattle	BCM	--	8/26/2016
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J020	Site Monitoring Area No. PJ-SMA-14.4	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02002040010 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	J02003010013 : Earthen Berm	BCM	--	1/4/2018
--	--	--	--	--	J02003140012 : Coir Log	BCM	--	9/5/2017
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J021	Site Monitoring Area No. PJ-SMA-14.6	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02102040008 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	J02103010005 : Earthen Berm	BCM	--	11/16/2011
--	--	--	--	--	J02104060007 : Rip Rap	BCM	--	9/11/2012
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Comments: The sampler was activated for baseline monitoring on 04/30/2019. The sampler was shut down for the winter on 11/13/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J022	Site Monitoring Area No. PJ-SMA-14.8	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02202040007 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	J02203060008 : Straw Wattle	BCM	--	11/6/2013
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 05/01/2012.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J023	Site Monitoring Area No. PJ-SMA-16	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02302040004 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	J02303060003 : Straw Wattle	BCM	--	10/3/2012
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 09/11/2013.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J024	Site Monitoring Area No. PJ-SMA-17	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02402040008 : Established Vegetation	CA	--	5/16/2013
--	--	--	--	--	J02404060006 : Rip Rap	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02404060007 : Rip Rap	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02405010005 : Sediment Trap	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02406010004 : Rock Check Dam	CA	12/1/2010	11/16/2010
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Comments: No confirmation monitoring was conducted in 2019. 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.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J026	Site Monitoring Area No. PJ-SMA-18	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02602040010 : Established Vegetation	CA	--	5/16/2013
--	--	--	--	--	J02604010009 : Earthen Channel/Swale	CA	--	9/27/2011
--	--	--	--	--	J02604010011 : Earthen Channel/Swale	CA	--	11/6/2014
--	--	--	--	--	J02604060007 : Rip Rap	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02604060012 : Rip Rap	CA	--	11/6/2014
--	--	--	--	--	J02605010005 : Sediment Trap	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02606010004 : Rock Check Dam	CA	12/1/2010	11/16/2010
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Comments: No confirmation monitoring was conducted in 2019. 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.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J025	Site Monitoring Area No. PJ-SMA-19	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02502040011 : Established Vegetation	CA	--	5/16/2013
--	--	--	--	--	J02504020004 : Concrete/Asphalt Channel/Swale	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02504020006 : Concrete/Asphalt Channel/Swale	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02504060010 : Rip Rap	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02505020002 : Sediment Basin	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02506010005 : Rock Check Dam	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02506010008 : Rock Check Dam	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02506010009 : Rock Check Dam	CA	12/1/2010	11/16/2010
--	--	--	--	--	J02507010001 : Gabions	CA	12/1/2010	11/16/2010
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Comments: The sampler was activated for CACOMP no exoposure on 05/06/2019. The sampler collected insufficient sample volume on 07/25/2019. The sampler was reset for monitoring on 07/29/2019 (inoperable up to 4 d). The sampler was shut down for the winter on 11/14/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J002	Site Monitoring Area No. PJ-SMA-2	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00202040022 : Established Vegetation	BCM	--	5/8/2013
--	--	--	--	--	J00203010006 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00203010007 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00203010008 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00203010009 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00203010015 : Earthen Berm	BCM	--	8/1/2012
--	--	--	--	--	J00204050026 : Water Bar	BCM	--	10/6/2015
--	--	--	--	--	J00206010014 : Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	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	--	7/14/2015
--	--	--	--	--	J00206010025 : Rock Check Dam	BCM	--	7/14/2015
--	--	--	--	--	J00206010027 : Rock Check Dam	BCM	--	10/6/2015
--	--	--	--	--	J00206010028 : Rock Check Dam	BCM	--	10/6/2015
--	--	--	--	--	J00208030029 : Concrete/Asphalt Cap	BCM	--	10/6/2015

Comments: The sampler was activated for baseline monitoring on 05/14/2019. The sampler was shut down for the winter on 11/15/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J027	Site Monitoring Area No. PJ-SMA-20	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02702040007 : Established Vegetation	CA	--	5/16/2013
--	--	--	--	--	J02703090001 : Curbing	CA	4/29/2011	11/16/2010
--	--	--	--	--	J02704060006 : Rip Rap	CA	4/29/2011	11/16/2010
--	--	--	--	--	J02708030005 : Concrete/Asphalt Cap	CA	4/29/2011	11/16/2010
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Comments: No confirmation monitoring was conducted in 2019. 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.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J003	Site Monitoring Area No. PJ-SMA-3.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00302040012 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	J00303010010 : Earthen Berm	CA	8/17/2012	7/18/2012
--	--	--	--	--	J00303010011 : Earthen Berm	CA	8/17/2012	7/18/2012
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Comments: The sampler was activated for corrective action monitoring on 05/14/2019. The sampler attempted but was unable to collect on 07/07/2019. The sampler was reset for continued monitoring on 07/09/2019 (inoperable 2 d). The sampler was shut down for the winter on 11/15/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J004	Site Monitoring Area No. PJ-SMA-4.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00402040008 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	J00403010007 : Earthen Berm	CA	--	10/31/2011
--	--	--	--	--	J00406010006 : Rock Check Dam	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J005	Site Monitoring Area No. PJ-SMA-5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00502040015 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	J00503010025 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00503030019 : Log Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00503120026 : Rock Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00503120027 : Rock Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00503120028 : Rock Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00504010003 : Earthen Channel/Swale	CA	12/1/2010	11/1/2010
--	--	--	--	--	J00504010032 : Earthen Channel/Swale	CA	--	8/24/2018
--	--	--	--	--	J00504040016 : Culvert	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00504060017 : Rip Rap	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00504060020 : Rip Rap	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00506010018 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00506010021 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00506010022 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00506010023 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	J00506010024 : Rock Check Dam	CA	9/9/2015	8/10/2015

Comments: The sampler was activated for corrective action monitoring on 04/26/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J005	Site Monitoring Area No. PJ-SMA-5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00506030004 : Juniper Bales	CA	12/1/2010	11/1/2010
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Comments: The sampler was activated for corrective action monitoring on 04/26/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J006	Site Monitoring Area No. PJ-SMA-5.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00602040010 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	J00603010009 : Earthen Berm	CA	8/17/2012	7/18/2012
--	--	--	--	--	J00603010011 : Earthen Berm	CA	--	11/5/2013
--	--	--	--	--	J00604010004 : Earthen Channel/Swale	CA	4/29/2011	12/22/2010
--	--	--	--	--	J00606010007 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	J00608030012 : Concrete/Asphalt Cap	CA	--	11/5/2013
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Comments: The sampler was activated for corrective action monitoring on 04/26/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J007	Site Monitoring Area No. PJ-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00702040018 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	J00703010009 : Earthen Berm	CA	--	10/31/2011
--	--	--	--	--	J00703010010 : Earthen Berm	CA	--	10/31/2011
--	--	--	--	--	J00703010011 : Earthen Berm	CA	--	10/31/2011
--	--	--	--	--	J00703120012 : Rock Berm	CA	--	11/2/2011
--	--	--	--	--	J00706010002 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	J00706010004 : Rock Check Dam	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J008	Site Monitoring Area No. PJ-SMA-7	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00802040006 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	J00803010004 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00804010002 : Earthen Channel/Swale	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00804040003 : Culvert	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 04/22/2019. The sampler was shut down for the winter on 11/19/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J009	Site Monitoring Area No. PJ-SMA-8	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J00902040010 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	J00903010006 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00903010009 : Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00904020005 : Concrete/Asphalt Channel/Swale	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00906010002 : Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00906010004 : Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00906010011 : Rock Check Dam	BCM	--	11/7/2013
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Comments: The sampler was activated for baseline monitoring on 04/22/2019. The sampler was shut down for the winter on 11/19/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J010	Site Monitoring Area No. PJ-SMA-9	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J01002040010 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	J01003010016 : Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01003010017 : Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01003010018 : Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01003010019 : Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01003140021 : Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01006010008 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	J01006010009 : Rock Check Dam	CA	12/1/2010	11/1/2010
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Comments: The sampler was activated for corrective action monitoring on 04/22/2019. The sampler attempted but was unable to collect on 08/27/2019. The sampler was reset for monitoring on 08/29/2019 (inoperable 2 d). The sampler attempted but was unable to collect on 09/01/2019. The sampler was reset for monitoring on 09/06/2019 (inoperable 5 d). The sampler was shut down for the winter on 11/19/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T001	Site Monitoring Area No. Pratt-SMA-1.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	T00102040020 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	T00103010022 : Earthen Berm	CA	6/12/2014	5/13/2014
--	--	--	--	--	T00103010023 : Earthen Berm	CA	6/12/2014	5/13/2014
--	--	--	--	--	T00103020013 : Base Course Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00103020014 : Base Course Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00103020015 : Base Course Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00103020016 : Base Course Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00103020024 : Base Course Berm	CA	6/12/2014	5/13/2014
--	--	--	--	--	T00103120008 : Rock Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00108020005 : Rock Cap	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I001	Site Monitoring Area No. PT-SMA-0.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	I00102040009 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	I00103010007 : Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	I00103010008 : Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	I00103060011 : Straw Wattle	CA	--	11/20/2013
--	--	--	--	--	I00103060013 : Straw Wattle	CA	--	8/19/2016
--	--	--	--	--	I00104030012 : Rock Channel/Swale	CA	--	3/27/2014
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Comments: The sampler was activated for corrective action monitoring on 05/07/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I002	Site Monitoring Area No. PT-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	I00201010022 : Seed and Wood Mulch	CA	4/29/2011	3/29/2011
--	--	--	--	--	I00202040034 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	I00203010018 : Earthen Berm	CA	4/29/2011	3/29/2011
--	--	--	--	--	I00203010019 : Earthen Berm	CA	4/29/2011	3/29/2011
--	--	--	--	--	I00203010020 : Earthen Berm	CA	4/29/2011	3/29/2011
--	--	--	--	--	I00203010021 : Earthen Berm	CA	4/29/2011	3/29/2011
--	--	--	--	--	I00203010023 : Earthen Berm	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00203010024 : Earthen Berm	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00203010025 : Earthen Berm	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00203010026 : Earthen Berm	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00203010027 : Earthen Berm	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00203010028 : Earthen Berm	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00203010029 : Earthen Berm	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00203010030 : Earthen Berm	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00203010039 : Earthen Berm	CA	11/14/2015	10/15/2015
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 09/26/2017. Alternative compliance was requested at all associated site(s) on 04/22/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I002	Site Monitoring Area No. PT-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	I00203060036 : Straw Wattle	CA	--	8/3/2015
--	--	--	--	--	I00203060037 : Straw Wattle	CA	--	8/3/2015
--	--	--	--	--	I00203120012 : Rock Berm	CA	4/29/2011	3/29/2011
--	--	--	--	--	I00203120013 : Rock Berm	CA	4/29/2011	3/29/2011
--	--	--	--	--	I00203120038 : Rock Berm	CA	11/14/2015	10/15/2015
--	--	--	--	--	I00203140040 : Coir Log	CA	11/14/2015	10/15/2015
--	--	--	--	--	I00203140041 : Coir Log	CA	11/14/2015	10/15/2015
--	--	--	--	--	I00206010031 : Rock Check Dam	CA	9/2/2012	8/3/2012
--	--	--	--	--	I00206010032 : Rock Check Dam	CA	9/2/2012	8/3/2012
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Comments: No confirmation monitoring was conducted in 2019. Corrective action monitoring was completed on 09/26/2017. Alternative compliance was requested at all associated site(s) on 04/22/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I003	Site Monitoring Area No. PT-SMA-1.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	I00302040017 : Established Vegetation	CA	--	4/3/2013
--	--	--	--	--	I00303010018 : Earthen Berm	CA	7/27/2014	6/27/2014
--	--	--	--	--	I00305040019 : Gravel Infiltration Strip	CA	7/27/2014	6/27/2014
--	--	--	--	--	I00306010020 : Rock Check Dam	CA	7/27/2014	6/27/2014
--	--	--	--	--	I00306010021 : Rock Check Dam	CA	7/27/2014	6/27/2014
--	--	--	--	--	I00306010022 : Rock Check Dam	CA	7/27/2014	6/27/2014
--	--	--	--	--	I00306010023 : Rock Check Dam	CA	7/27/2014	6/27/2014
--	--	--	--	--	I00306010024 : Rock Check Dam	CA	7/27/2014	6/27/2014
--	--	--	--	--	I00306010025 : Rock Check Dam	CA	7/27/2014	6/27/2014
--	--	--	--	--	I00306010026 : Rock Check Dam	CA	--	8/11/2014
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Comments: The sampler was activated for corrective action monitoring on 05/07/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I004	Site Monitoring Area No. PT-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	132	ug/L	D MQL	I00402040011 : Established Vegetation	CA	--	5/8/2013
Aluminum, F	N	55.6	ug/L	D MQL	I00403010021 : Earthen Berm	CA	10/28/2015	9/28/2015
Antimony, F	N	2.81	ug/L	D	I00403010022 : Earthen Berm	CA	10/28/2015	9/28/2015
Antimony, F	N	5.73	ug/L	D	I00403010024 : Earthen Berm	CA	10/28/2015	9/28/2015
Arsenic, F	N	< 2	ug/L	ND MQL	I00403060012 : Straw Wattle	CA	10/28/2015	9/28/2015
Arsenic, F	N	< 2	ug/L	ND MQL	I00403060013 : Straw Wattle	CA	10/28/2015	9/28/2015
Benzo(a)pyrene, UF	N	< 0.0395	ug/L	ND	I00403120010 : Rock Berm	CA	4/29/2011	3/29/2011
Benzo(a)pyrene, UF	N	< 0.0462	ug/L	ND	I00403120023 : Rock Berm	CA	10/28/2015	9/28/2015
Boron, F	N	22.9	ug/L	D	I00404060020 : Rip Rap	CA	10/28/2015	9/28/2015
Boron, F	N	< 15	ug/L	ND	I00406010014 : Rock Check Dam	CA	10/28/2015	9/28/2015
Cadmium, F	N	< 0.3	ug/L	ND	I00406010015 : Rock Check Dam	CA	10/28/2015	9/28/2015
Cadmium, F	N	< 0.3	ug/L	ND	I00406010016 : Rock Check Dam	CA	10/28/2015	9/28/2015
Chromium, F	N	< 3	ug/L	ND	I00406010017 : Rock Check Dam	CA	10/28/2015	9/28/2015
Chromium, F	N	< 3	ug/L	ND	I00406010018 : Rock Check Dam	CA	10/28/2015	9/28/2015
Cobalt, F	N	1.25	ug/L	D	I00406010019 : Rock Check Dam	CA	10/28/2015	9/28/2015
Cobalt, F	N	1.9	ug/L	D	I00406010025 : Rock Check Dam	CA	10/28/2015	9/28/2015

Comments: The sampler was activated for corrective action monitoring on 05/07/2019. A corrective action monitoring sample was collected on 07/25/2019. The sampler was reactivated for corrective action monitoring on 08/09/2019 (inoperable 15 d). The sampler was turned off after a second corrective action monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I004	Site Monitoring Area No. PT-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Copper, F	N	3.66	ug/L	D	--	--	--	--
Copper, F	Y	5.15	ug/L	MTAL	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	78.6	pCi/L	ATAL	--	--	--	--
Gross alpha, UF	Y	137	pCi/L	ATAL	--	--	--	--
Hexachlorobenzene, UF	N	< 0.0136	ug/L	ND ATAL	--	--	--	--
Hexachlorobenzene, UF	N	< 0.00818	ug/L	ND ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	0.076	ug/L	D MQL	--	--	--	--
Mercury, UF	N	0.122	ug/L	D MQL	--	--	--	--
Nickel, F	N	1.29	ug/L	D MQL	--	--	--	--
Nickel, F	N	1.26	ug/L	D MQL	--	--	--	--
Pentachlorophenol, UF	N	< 3.25	ug/L	ND	--	--	--	--
Pentachlorophenol, UF	N	< 4.62	ug/L	ND	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 05/07/2019. A corrective action monitoring sample was collected on 07/25/2019. The sampler was reactivated for corrective action monitoring on 08/09/2019 (inoperable 15 d). The sampler was turned off after a second corrective action monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I004	Site Monitoring Area No. PT-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Radium-226 and Radium-228, UF	N	3.21	pCi/L	D No MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	1.85	pCi/L	D No MQL	--	--	--	--
RDX, UF	N	< 0.173	ug/L	ND No MQL	--	--	--	--
RDX, UF	N	< 0.29	ug/L	ND No MQL	--	--	--	--
Selenium, UF	N	< 2	ug/L	ND	--	--	--	--
Selenium, UF	N	< 2	ug/L	ND	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	< 0.173	ug/L	ND No MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	< 0.29	ug/L	ND No MQL	--	--	--	--
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Comments: The sampler was activated for corrective action monitoring on 05/07/2019. A corrective action monitoring sample was collected on 07/25/2019. The sampler was reactivated for corrective action monitoring on 08/09/2019 (inoperable 15 d). The sampler was turned off after a second corrective action monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND ATAL-Not detected, reporting level is greater than or equal to the MQL. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
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NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I004A	Site Monitoring Area No. PT-SMA-2.01	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	I004A02040005 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	I004A03010004 : Earthen Berm	CA	9/2/2012	8/3/2012
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Comments: The sampler was activated for corrective action monitoring on 05/07/2019. The sampler was shut down for the winter on 11/07/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I005	Site Monitoring Area No. PT-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	I00502040009 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	I00503010030 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00503140039 : Coir Log	CA	--	9/4/2015
--	--	--	--	--	I00504040005 : Culvert	CA	12/1/2010	11/1/2010
--	--	--	--	--	I00504040044 : Culvert	CA	--	7/10/2019
--	--	--	--	--	I00504060038 : Rip Rap	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00504060042 : Rip Rap	CA	--	7/10/2019
--	--	--	--	--	I00505020037 : Sediment Basin	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00505020041 : Sediment Basin	CA	--	7/10/2019
--	--	--	--	--	I00506010031 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00506010032 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00506010033 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00506010034 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00506010035 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00506010036 : Rock Check Dam	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00506010040 : Rock Check Dam	CA	--	7/10/2019

Comments: The sampler was activated for corrective action monitoring on 05/15/2019. The sampler was shut down for the winter on 11/07/2019.

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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

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I007	Site Monitoring Area No. PT-SMA-4.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	I00701010037 : Seed and Wood Mulch	CA	--	9/23/2016
--	--	--	--	--	I00701010053 : Seed and Wood Mulch	CA	--	9/23/2016
--	--	--	--	--	I00701010054 : Seed and Wood Mulch	CA	--	9/23/2016
--	--	--	--	--	I00701010058 : Seed and Wood Mulch	CA	--	9/23/2016
--	--	--	--	--	I00701020038 : Seed and Gravel Mulch	CA	--	9/23/2016
--	--	--	--	--	I00702040008 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	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	--	9/23/2016
--	--	--	--	--	I00703010044 : Earthen Berm	CA	--	9/23/2016

Comments: The sampler was activated for corrective action monitoring on 04/25/2019. The sampler was shut down for the winter on 11/21/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I007	Site Monitoring Area No. PT-SMA-4.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	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	CA	12/1/2010	11/1/2010
--	--	--	--	--	I00704050023 : Water Bar	CA	11/27/2015	10/28/2015
--	--	--	--	--	I00704060034 : Rip Rap	CA	11/27/2015	10/28/2015
--	--	--	--	--	I00704060036 : Rip Rap	CA	--	9/23/2016
--	--	--	--	--	I00704060040 : Rip Rap	CA	--	9/23/2016
--	--	--	--	--	I00704060041 : Rip Rap	CA	--	9/23/2016
--	--	--	--	--	I00704060043 : Rip Rap	CA	--	9/23/2016
--	--	--	--	--	I00704060045 : Rip Rap	CA	--	9/23/2016
--	--	--	--	--	I00704060046 : Rip Rap	CA	--	9/23/2016
--	--	--	--	--	I00704060048 : Rip Rap	CA	--	9/23/2016

Comments: The sampler was activated for corrective action monitoring on 04/25/2019. The sampler was shut down for the winter on 11/21/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: I007	Site Monitoring Area No. PT-SMA-4.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	I00704060055 : Rip Rap	CA	--	9/23/2016
--	--	--	--	--	I00704060057 : Rip Rap	CA	--	9/23/2016
--	--	--	--	--	I00704080049 : TRM-Lined Swale	CA	--	9/23/2016
--	--	--	--	--	I00704080050 : TRM-Lined Swale	CA	--	9/23/2016
--	--	--	--	--	I00704080051 : TRM-Lined Swale	CA	--	9/23/2016
--	--	--	--	--	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	--	9/23/2016
--	--	--	--	--	I00706010042 : Rock Check Dam	CA	--	9/23/2016
--	--	--	--	--	I00706010047 : Rock Check Dam	CA	--	9/23/2016
--	--	--	--	--	I00707010052 : Gabion	CA	--	9/23/2016

Comments: The sampler was activated for corrective action monitoring on 04/25/2019. The sampler was shut down for the winter on 11/21/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: R001	Site Monitoring Area No. R-SMA-0.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	R00102040025 : Established Vegetation	CA	--	5/6/2013
--	--	--	--	--	R00103030006 : Log Berm	CA	4/29/2011	12/6/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: R002	Site Monitoring Area No. R-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	R00202040008 : Established Vegetation	CA	--	5/6/2013
--	--	--	--	--	R00204060006 : Rip Rap	CA	4/29/2011	4/26/2011
--	--	--	--	--	R00204060007 : Rip Rap	CA	4/29/2011	4/26/2011
--	--	--	--	--	R00204060009 : Rip Rap	CA	--	10/30/2014
--	--	--	--	--	R00204060010 : Rip Rap	CA	--	10/30/2014
--	--	--	--	--	R00204060013 : Rip Rap	CA	--	5/3/2016
--	--	--	--	--	R00204060014 : Rip Rap	CA	--	5/3/2016
--	--	--	--	--	R00204060016 : Rip Rap	CA	--	5/3/2016
--	--	--	--	--	R00204060018 : Rip Rap	CA	--	5/3/2016
--	--	--	--	--	R00204080012 : TRM-Lined Swale	CA	--	5/3/2016
--	--	--	--	--	R00206010005 : Rock Check Dam	CA	4/29/2011	4/26/2011
--	--	--	--	--	R00206010015 : Rock Check Dam	CA	--	5/3/2016
--	--	--	--	--	R00206010017 : Rock Check Dam	CA	--	5/3/2016
--	--	--	--	--	R00207010002 : Gabions	CA	4/29/2011	4/26/2011
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 03/06/2017 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: R003	Site Monitoring Area No. R-SMA-1.95	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	R00302040008 : Established Vegetation	CA	--	5/6/2013
--	--	--	--	--	R00303010021 : Earthen Berm	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303060005 : Straw Wattle	CA	4/29/2011	12/6/2010
--	--	--	--	--	R00303060024 : Straw Wattle	CA	--	9/30/2019
--	--	--	--	--	R00303140009 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140010 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140011 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140012 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140013 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140014 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140015 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140016 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140017 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140018 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140019 : Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303140020 : Coir Log	CA	10/25/2014	9/25/2014

Comments: The sampler was activated for corrective action monitoring on 05/16/2019. The sampler was shut down for the winter on 11/20/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: R003	Site Monitoring Area No. R-SMA-1.95	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	R00304010003 : Earthen Channel/Swale	CA	4/29/2011	12/6/2010
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Comments: The sampler was activated for corrective action monitoring on 05/16/2019. The sampler was shut down for the winter on 11/20/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: R004	Site Monitoring Area No. R-SMA-2.05	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	R00402040005 : Established Vegetation	BCM	--	5/6/2013
--	--	--	--	--	R00406030002 : Juniper Bales	BCM	12/1/2010	11/1/2010
--	--	--	--	--	R00406030003 : Juniper Bales	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler attempted but was unable to collect a sample on 09/01/2019 and was reset on 09/04/2019 (inoperable 3 d). The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: R005	Site Monitoring Area No. R-SMA-2.3	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	R00502040004 : Established Vegetation	BCM	--	5/6/2013
--	--	--	--	--	R00506010008 : Rock Check Dam	BCM	--	9/3/2019
--	--	--	--	--	R00506010009 : Rock Check Dam	BCM	--	9/3/2019
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 07/23/2013.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: R006	Site Monitoring Area No. R-SMA-2.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	Y	1040	ug/L	MTAL	R00602040007 : Established Vegetation	CA	--	5/6/2013
Antimony, F	N	< 1	ug/L	ND	R00604060004 : Rip Rap	CA	4/29/2011	12/6/2010
Arsenic, F	N	< 2	ug/L	ND MQL	R00606010003 : Rock Check Dam	CA	4/29/2011	12/6/2010
Boron, F	N	< 15	ug/L	ND	R00606010005 : Rock Check Dam	CA	4/29/2011	12/6/2010
Cadmium, F	N	< 0.3	ug/L	ND	R00606010006 : Rock Check Dam	CA	4/29/2011	12/6/2010
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	< 1	ug/L	ND	--	--	--	--
Copper, F	N	1.82	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	74.7	pCi/L	ATAL	--	--	--	--
Lead, F	N	1.13	ug/L	D MQL	--	--	--	--
Mercury, UF	N	< 0.067	ug/L	ND MQL	--	--	--	--
Nickel, F	N	1.05	ug/L	D MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	3.76	pCi/L	D No MQL	--	--	--	--
RDX, UF	N	< 0.0851	ug/L	ND No MQL	--	--	--	--
Selenium, UF	N	3.49	ug/L	D	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler was turned off after a baseline monitoring sample was collected on 08/18/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: R006	Site Monitoring Area No. R-SMA-2.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	< 0.0851	ug/L	ND No MQL	--	--	--	--
Vadium, F	N	3.35	ug/L	D	--	--	--	--
Zinc, F	N	< 3.3	ug/L	ND	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler was turned off after a baseline monitoring sample was collected on 08/18/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S001	Site Monitoring Area No. S-SMA-0.25	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00102040011 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	S00103090017 : Curbing	CA	--	10/20/2015
--	--	--	--	--	S00103100020 : Gravel Bags	CA	--	4/9/2019
--	--	--	--	--	S00103100021 : Gravel Bags	CA	--	4/9/2019
--	--	--	--	--	S00104030014 : Rock Channel/Swale	CA	7/27/2014	6/27/2014
--	--	--	--	--	S00104060007 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00105010013 : Sediment Trap	CA	7/27/2014	6/27/2014
--	--	--	--	--	S00105050012 : Bioretention Basin	CA	7/27/2014	6/27/2014
--	--	--	--	--	S00107010008 : Gabions	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00107020003 : Gabion Blanket	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. 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.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S002	Site Monitoring Area No. S-SMA-1.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	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 : Gabions	CA	4/29/2011	4/28/2011
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Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S003	Site Monitoring Area No. S-SMA-2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00301010015 : Seed and Wood Mulch	CA	8/7/2013	7/8/2013
--	--	--	--	--	S00302040022 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	S00303140026 : Coir Log	CA	--	9/18/2014
--	--	--	--	--	S00304040024 : Culvert	CA	--	9/18/2014
--	--	--	--	--	S00304060005 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00304060009 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00304060011 : Rip Rap	CA	--	5/29/2012
--	--	--	--	--	S00304060012 : Rip Rap	CA	8/7/2013	7/8/2013
--	--	--	--	--	S00304060021 : Rip Rap	CA	8/7/2013	7/8/2013
--	--	--	--	--	S00304060025 : Rip Rap	CA	--	9/18/2014
--	--	--	--	--	S00304080023 : TRM-Lined Swale	CA	--	9/18/2014
--	--	--	--	--	S00305040014 : Gravel Infiltration Strip	CA	8/7/2013	7/8/2013
--	--	--	--	--	S00306010018 : Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	S00306010019 : Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	S00306010020 : Rock Check Dam	CA	8/7/2013	7/8/2013
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Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S003A	Site Monitoring Area No. S-SMA-2.01	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S003A01010018 : Seed and Wood Mulch	CA	--	9/28/2016
--	--	--	--	--	S003A01010021 : Seed and Wood Mulch	CA	--	9/28/2016
--	--	--	--	--	S003A02040009 : Established Vegetation	CA	--	4/26/2013
--	--	--	--	--	S003A03010017 : Earthen Berm	CA	--	9/28/2016
--	--	--	--	--	S003A03010020 : Earthen Berm	CA	--	9/28/2016
--	--	--	--	--	S003A03140022 : Coir Log	CA	--	10/24/2017
--	--	--	--	--	S003A03140023 : Coir Log	CA	--	10/24/2017
--	--	--	--	--	S003A04040013 : Culvert	CA	--	9/28/2016
--	--	--	--	--	S003A04040015 : Culvert	CA	--	9/28/2016
--	--	--	--	--	S003A04060003 : Rip Rap	CA	4/29/2011	12/9/2010
--	--	--	--	--	S003A04060010 : Rip Rap	CA	--	9/28/2016
--	--	--	--	--	S003A04060016 : Rip Rap	CA	--	9/28/2016
--	--	--	--	--	S003A05020011 : Sediment Basin	CA	--	9/28/2016
--	--	--	--	--	S003A05020012 : Sediment Basin	CA	--	9/28/2016
--	--	--	--	--	S003A05020014 : Sediment Basin	CA	--	9/28/2016
--	--	--	--	--	S003A05060019 : Infiltration Basin	CA	--	9/28/2016

Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S004	Site Monitoring Area No. S-SMA-2.8	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00402040008 : Established Vegetation	BCM	--	4/26/2013
--	--	--	--	--	S00403010005 : Earthen Berm	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00403020004 : Base Course Berm	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00403020010 : Base Course Berm	BCM	--	6/1/2017
--	--	--	--	--	S00403060011 : Straw Wattle	BCM	--	10/22/2019
--	--	--	--	--	S00408040007 : Metal Cap	BCM	--	12/12/2012
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S005	Site Monitoring Area No. S-SMA-3.51	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00501010018 : Seed and Wood Mulch	BCM	--	5/23/2017
--	--	--	--	--	S00502040013 : Established Vegetation	BCM	--	4/26/2013
--	--	--	--	--	S00503010016 : Earthen Berm	BCM	--	5/23/2017
--	--	--	--	--	S00503010017 : Earthen Berm	BCM	--	5/23/2017
--	--	--	--	--	S00503120019 : Rock Berm	BCM	--	9/20/2017
--	--	--	--	--	S00504040020 : Culvert	BCM	--	9/20/2017
--	--	--	--	--	S00506010007 : Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00506010009 : Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00506010010 : Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00506010012 : Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00506010015 : Rock Check Dam	BCM	--	11/5/2014
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S005A	Site Monitoring Area No. S-SMA-3.52	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S005A02040005 : Established Vegetation	BCM	--	4/26/2013
--	--	--	--	--	S005A03010009 : Earthen Berm	BCM	--	6/1/2017
--	--	--	--	--	S005A04080010 : TRM-Lined Swale	BCM	--	6/1/2017
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Comments: The sampler was activated for baseline monitoring on 04/29/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S005B	Site Monitoring Area No. S-SMA-3.53	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S005B02040009 : Established Vegetation	CA	--	4/26/2013
--	--	--	--	--	S005B03120005 : Rock Berm	CA	4/29/2011	12/9/2010
--	--	--	--	--	S005B04040007 : Culvert	CA	6/1/2013	5/2/2013
--	--	--	--	--	S005B04060006 : Rip Rap	CA	6/1/2013	5/2/2013
--	--	--	--	--	S005B06010003 : Rock Check Dam	CA	4/29/2011	12/9/2010
--	--	--	--	--	S005B06010004 : Rock Check Dam	CA	4/29/2011	12/9/2010
--	--	--	--	--	S005B08030008 : Concrete/Asphalt Cap	CA	6/1/2013	5/2/2013
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Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S006	Site Monitoring Area No. S-SMA-3.6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00602040021 : Established Vegetation	CA	--	4/26/2013
--	--	--	--	--	S00603010019 : Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	S00603010020 : Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	S00603060041 : Straw Wattle	CA	--	10/3/2016
--	--	--	--	--	S00603100030 : Gravel Bags	CA	--	9/24/2013
--	--	--	--	--	S00603110034 : Eco-Block	CA	--	10/3/2016
--	--	--	--	--	S00603140044 : Coir Log	CA	--	11/28/2018
--	--	--	--	--	S00603140045 : Coir Log	CA	--	8/19/2019
--	--	--	--	--	S00604040035 : Culvert	CA	--	10/3/2016
--	--	--	--	--	S00604040036 : Culvert	CA	--	10/3/2016
--	--	--	--	--	S00604040043 : Culvert	CA	--	8/30/2017
--	--	--	--	--	S00604060010 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00604060011 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00604060028 : Rip Rap	CA	--	4/26/2013
--	--	--	--	--	S00604060029 : Rip Rap	CA	--	4/26/2013
--	--	--	--	--	S00604060037 : Rip Rap	CA	--	10/3/2016

Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S006	Site Monitoring Area No. S-SMA-3.6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00604060038 : Rip Rap	CA	--	10/3/2016
--	--	--	--	--	S00606010001 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00606010012 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00606010013 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00606010016 : Rock Check Dam	CA	12/27/2012	11/27/2012
--	--	--	--	--	S00606010017 : Rock Check Dam	CA	12/27/2012	11/27/2012
--	--	--	--	--	S00606010018 : Rock Check Dam	CA	12/27/2012	11/27/2012
--	--	--	--	--	S00606010031 : Rock Check Dam	CA	--	11/5/2014
--	--	--	--	--	S00606010032 : Rock Check Dam	CA	--	11/5/2014
--	--	--	--	--	S00606010033 : Rock Check Dam	CA	--	11/5/2014
--	--	--	--	--	S00607010007 : Gabions	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00607010008 : Gabions	CA	12/1/2010	11/1/2010
--	--	--	--	--	S00607010026 : Gabions	CA	--	4/26/2013
--	--	--	--	--	S00607020024 : Gabion Blanket	CA	--	4/26/2013
--	--	--	--	--	S00607020025 : Gabion Blanket	CA	--	4/26/2013
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Comments: No confirmation monitoring was conducted in 2019. 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).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S007	Site Monitoring Area No. S-SMA-3.7	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00702040006 : Established Vegetation	BCM	--	4/26/2013
--	--	--	--	--	S00703120004 : Rock Berm	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00703120005 : Rock Berm	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00704030003 : Rock Channel/Swale	BCM	4/29/2011	12/9/2010
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Comments: The sampler was activated for baseline monitoring on 05/01/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S008	Site Monitoring Area No. S-SMA-3.71	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00802040015 : Established Vegetation	BCM	--	4/26/2013
--	--	--	--	--	S00803010013 : Earthen Berm	BCM	--	7/22/2011
--	--	--	--	--	S00803010014 : Earthen Berm	BCM	--	7/22/2011
--	--	--	--	--	S00804020002 : Concrete/Asphalt Channel/Swale	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00806010008 : Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00806010009 : Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00806010010 : Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00806010011 : Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S00807010001 : Gabions	BCM	4/29/2011	12/9/2010
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Comments: The sampler was activated for baseline monitoring on 05/01/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S009	Site Monitoring Area No. S-SMA-3.72	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S00902040011 : Established Vegetation	CA	--	4/26/2013
--	--	--	--	--	S00903010009 : Earthen Berm	CA	--	7/28/2011
--	--	--	--	--	S00903010010 : Earthen Berm	CA	--	7/28/2011
--	--	--	--	--	S00903120003 : Rock Berm	CA	4/29/2011	12/9/2010
--	--	--	--	--	S00906010005 : Rock Check Dam	CA	4/29/2011	12/9/2010
--	--	--	--	--	S00906010006 : Rock Check Dam	CA	4/29/2011	12/9/2010
--	--	--	--	--	S00906010007 : Rock Check Dam	CA	4/29/2011	12/9/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/29/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S010	Site Monitoring Area No. S-SMA-3.95	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S01002040007 : Established Vegetation	CA	--	5/2/2013
--	--	--	--	--	S01003060006 : Straw Wattle	CA	--	10/24/2012
--	--	--	--	--	S01004010009 : Earthen Channel/Swale	CA	--	11/7/2014
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S011	Site Monitoring Area No. S-SMA-4.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S01101010007 : Seed and Wood Mulch	CA	10/25/2012	9/25/2012
--	--	--	--	--	S01103060012 : Straw Wattle	CA	--	2/19/2014
--	--	--	--	--	S01103060013 : Straw Wattle	CA	--	2/18/2014
--	--	--	--	--	S01103090005 : Curbing	CA	10/25/2012	9/25/2012
--	--	--	--	--	S01103120008 : Rock Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	S01104020006 : Concrete/Asphalt Channel/Swale	CA	10/25/2012	9/25/2012
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 08/21/2013 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S012	Site Monitoring Area No. S-SMA-4.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S01202040007 : Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	S01203010005 : Earthen Berm	BCM	4/29/2011	4/26/2011
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Comments: The sampler was activated for baseline monitoring on 05/07/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S013	Site Monitoring Area No. S-SMA-5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S01302040011 : Established Vegetation	BCM	--	10/22/2014
--	--	--	--	--	S01303030009 : Log Berm	BCM	--	3/14/2014
--	--	--	--	--	S01303060010 : Straw Wattle	BCM	--	10/18/2017
--	--	--	--	--	S01304060003 : Rip Rap	BCM	4/29/2011	4/26/2011
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Comments: The sampler was activated for baseline monitoring on 05/07/2019. The sampler was shut down for the winter on 11/06/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S014	Site Monitoring Area No. S-SMA-5.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	442	ug/L	D MQL	S01402040016 : Established Vegetation	CA	--	5/2/2013
Antimony, F	N	3.1	ug/L	D	S01403120017 : Rock Berm	CA	--	11/7/2014
Arsenic, F	N	< 2	ug/L	ND MQL	S01404060011 : Rip Rap	CA	4/29/2011	12/9/2010
Benzo(a)pyrene, UF	N	< 0.0323	ug/L	ND	S01406010006 : Rock Check Dam	CA	4/29/2011	12/9/2010
Boron, F	N	21.4	ug/L	D	S01406010008 : Rock Check Dam	CA	4/29/2011	12/9/2010
Cadmium, F	N	< 0.3	ug/L	ND	S01406010009 : Rock Check Dam	CA	4/29/2011	12/9/2010
Chromium, F	N	< 3	ug/L	ND	S01406010010 : Rock Check Dam	CA	4/29/2011	12/9/2010
Cobalt, F	N	< 1	ug/L	ND	S01406010018 : Rock Check Dam	CA	--	11/7/2014
Copper, F	N	1.84	ug/L	D	S01406010019 : Rock Check Dam	CA	--	11/7/2014
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	347	pCi/L	ATAL	--	--	--	--
Hexachlorobenzene, UF	Y	0.555	ug/L	ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	< 0.067	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	< 0.067	ug/L	ND MQL	--	--	--	--
Nickel, F	N	1.2	ug/L	D MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler was turned off after a baseline monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S014	Site Monitoring Area No. S-SMA-5.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Pentachlorophenol, UF	N	< 3.23	ug/L	ND	--	--	--	--
Radium-226 and Radium-228, UF	N	5.47	pCi/L	D No MQL	--	--	--	--
RDX, UF	N	< 0.0898	ug/L	ND No MQL	--	--	--	--
Selenium, UF	N	3.17	ug/L	D	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Total PCB, UF	Y	0.00282	ug/L	ATAL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	< 0.0898	ug/L	ND No MQL	--	--	--	--
Vadium, F	N	2.28	ug/L	D	--	--	--	--
Zinc, F	N	7.54	ug/L	D	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler was turned off after a baseline monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S015	Site Monitoring Area No. S-SMA-5.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S01502040005 : Established Vegetation	CA	--	5/2/2013
--	--	--	--	--	S01503010004 : Earthen Berm	CA	4/29/2011	4/26/2011
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: S016	Site Monitoring Area No. S-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	S01602040012 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	S01603010006 : Earthen Berm	CA	4/29/2011	4/28/2011
--	--	--	--	--	S01604060014 : Rip Rap	CA	--	11/29/2014
--	--	--	--	--	S01606010013 : Rock Check Dam	CA	--	11/29/2014
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Comments: No confirmation monitoring was conducted in 2019. Construction of enhanced controls initiated in 2018 continued in 2019 and will be completed in 2020.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J028	Site Monitoring Area No. STRM-SMA-1.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02802040009 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	J02804060006 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	J02806010004 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	J02806010005 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	J02806010007 : Rock Check Dam	CA	--	7/25/2012
--	--	--	--	--	J02808030008 : Concrete/Asphalt Cap	CA	6/1/2013	5/2/2013
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J029	Site Monitoring Area No. STRM-SMA-1.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J02902040018 : Established Vegetation	CA	--	5/8/2013
--	--	--	--	--	J02903010009 : Earthen Berm	CA	--	8/31/2011
--	--	--	--	--	J02903010011 : Earthen Berm	CA	--	8/31/2011
--	--	--	--	--	J02903010013 : Earthen Berm	CA	8/7/2013	7/8/2013
--	--	--	--	--	J02903010014 : Earthen Berm	CA	8/7/2013	7/8/2013
--	--	--	--	--	J02903120015 : Rock Berm	CA	8/7/2013	7/8/2013
--	--	--	--	--	J02904010019 : Earthen Channel/Swale	CA	10/4/2015	9/4/2015
--	--	--	--	--	J02904060016 : Rip Rap	CA	8/7/2013	7/8/2013
--	--	--	--	--	J02904060020 : Rip Rap	CA	10/4/2015	9/4/2015
--	--	--	--	--	J02908030017 : Concrete/Asphalt Cap	CA	8/7/2013	7/8/2013
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Comments: The sampler was activated for corrective action monitoring on 05/17/2019. The sampler was shut down for the winter on 11/15/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J030	Site Monitoring Area No. STRM-SMA-4.2	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J03002040006 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	J03003010004 : Earthen Berm	CA	9/16/2012	8/17/2012
--	--	--	--	--	J03004010002 : Earthen Channel/Swale	CA	12/1/2010	11/1/2010
--	--	--	--	--	J03005070007 : Plunge Pool	CA	--	--
--	--	--	--	--	J03005070008 : Plunge Pool	CA	--	--
--	--	--	--	--	J03005070009 : Plunge Pool	CA	--	--
--	--	--	--	--	J03006010010 : Rock Check Dam	CA	--	--
--	--	--	--	--	J03006010011 : Rock Check Dam	CA	--	--
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Comments: No confirmation monitoring was conducted in 2019. Construction of enhanced controls initiated in 2018, was completed in 2019, and will be certified to the EPA in 2020.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: J031	Site Monitoring Area No. STRM-SMA-5.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	J03102040013 : Established Vegetation	CA	--	4/23/2013
--	--	--	--	--	J03103010009 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	J03103010012 : Earthen Berm	CA	--	7/27/2012
--	--	--	--	--	J03103010014 : Earthen Berm	CA	--	10/24/2017
--	--	--	--	--	J03103020004 : Base Course Berm	CA	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 02/26/2016.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T002	Site Monitoring Area No. T-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	T00203010013 : Earthen Berm	CA	6/11/2014	5/12/2014
--	--	--	--	--	T00203010014 : Earthen Berm	CA	6/11/2014	5/12/2014
--	--	--	--	--	T00203010015 : Earthen Berm	CA	6/11/2014	5/12/2014
--	--	--	--	--	T00203060020 : Straw Wattle	CA	--	11/17/2014
--	--	--	--	--	T00204020016 : Concrete/Asphalt Channel/Swale	CA	6/11/2014	5/12/2014
--	--	--	--	--	T00204040017 : Culvert	CA	6/11/2014	5/12/2014
--	--	--	--	--	T00204040018 : Culvert	CA	6/11/2014	5/12/2014
--	--	--	--	--	T00206010024 : Rock Check Dam	CA	--	11/17/2014
--	--	--	--	--	T00206010025 : Rock Check Dam	CA	--	11/17/2014
--	--	--	--	--	T00206010026 : Rock Check Dam	CA	--	11/17/2014
--	--	--	--	--	T00206010027 : Rock Check Dam	CA	--	11/17/2014
--	--	--	--	--	T00208010001 : Earth Cap	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00208010019 : Earth Cap	CA	6/11/2014	5/12/2014
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Comments: The sampler was activated on 04/29/2019 to collect the sample required under E.1(b) following certification of completion for corrective action under E.2(c) for Site 50-009. The sampler collected insufficient volume on 07/02/2019. The sampler was reset for continued monitoring on 07/03/2019 (inoperable 1 d). The sampler was shut down for the winter on 10/29/2019. A Certificate of Completion under NMED's Consent Order was recommended in December of 2015 for Site 50-009 and a request for force majeure extension of the deadline to complete corrective action was requested on 09/23/2013 under E.4(c).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T003	Site Monitoring Area No. T-SMA-2.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	160	ug/L	D MQL	T00304010002 : Earthen Channel/Swale	CA	4/29/2011	12/13/2010
Antimony, F	N	< 1	ug/L	ND	T00306010003 : Rock Check Dam	CA	4/29/2011	12/13/2010
Arsenic, F	N	< 2	ug/L	ND MQL	T00306010004 : Rock Check Dam	CA	4/29/2011	12/13/2010
Boron, F	N	< 15	ug/L	ND	T00306010005 : Rock Check Dam	CA	4/29/2011	12/13/2010
Cadmium, F	N	< 0.3	ug/L	ND	T00308020001 : Rock Cap	CA	4/29/2011	12/13/2010
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	< 1	ug/L	ND	--	--	--	--
Copper, F	N	1.47	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	369	pCi/L	ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	0.266	ug/L	D MQL	--	--	--	--
Nickel, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	5.12	pCi/L	D No MQL	--	--	--	--
Selenium, UF	Y	8.79	ug/L	ATAL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 05/13/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/26/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T003	Site Monitoring Area No. T-SMA-2.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	< 1	ug/L	ND	--	--	--	--
Zinc, F	N	6.87	ug/L	D	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 05/13/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/26/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T004	Site Monitoring Area No. T-SMA-2.85	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	T00402040007 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	T00403090004 : Curbing	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00406010005 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00406010006 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00406010008 : Rock Check Dam	CA	--	10/27/2014
--	--	--	--	--	T00406010009 : Rock Check Dam	CA	--	10/27/2014
--	--	--	--	--	T00406010010 : Rock Check Dam	CA	--	10/27/2014
--	--	--	--	--	T00406010011 : Rock Check Dam	CA	--	10/27/2014
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T005	Site Monitoring Area No. T-SMA-3	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	T00502040012 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	T00504060001 : Rip Rap	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00506020010 : Log Check Dam	CA	--	5/23/2012
--	--	--	--	--	T00506020011 : Log Check Dam	CA	--	8/30/2012
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T006	Site Monitoring Area No. T-SMA-4	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	T00602040011 : Established Vegetation	CA	--	4/30/2013
--	--	--	--	--	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	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00606010008 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T007	Site Monitoring Area No. T-SMA-5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	T00702040012 : Established Vegetation	BCM	--	4/30/2013
--	--	--	--	--	T00703010008 : Earthen Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00704060016 : Rip Rap	BCM	--	12/18/2019
--	--	--	--	--	T00705020015 : Sediment Basin	BCM	--	9/20/2016
--	--	--	--	--	T00706010002 : Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00706010004 : Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00706010009 : Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00706010011 : Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00706010014 : Rock Check Dam	BCM	--	10/30/2014
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Comments: The sampler was activated for baseline monitoring on 05/13/2019. The sampler was shut down for the winter on 10/30/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T008	Site Monitoring Area No. T-SMA-6.8	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	T00802040008 : Established Vegetation	CA	--	7/7/2015
--	--	--	--	--	T00803100003 : Gravel Bags	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00803140009 : Coir Log	CA	--	7/26/2017
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T009	Site Monitoring Area No. T-SMA-7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	T00902040011 : Established Vegetation	CA	--	5/1/2013
--	--	--	--	--	T00903010009 : Earthen Berm	CA	--	6/15/2011
--	--	--	--	--	T00903020008 : Base Course Berm	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00906010002 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00906010003 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00906010006 : Rock Check Dam	CA	4/29/2011	12/13/2010
--	--	--	--	--	T00906010007 : Rock Check Dam	CA	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T010	Site Monitoring Area No. T-SMA-7.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	161	ug/L	D MQL	T01002040009 : Established Vegetation	CA	--	5/1/2013
Antimony, F	N	< 1	ug/L	ND	T01003010007 : Earthen Berm	CA	--	6/15/2011
Arsenic, F	N	< 2	ug/L	ND MQL	T01003010008 : Earthen Berm	CA	--	6/15/2011
Boron, F	N	< 15	ug/L	ND	T01003020005 : Base Course Berm	CA	4/29/2011	12/13/2010
Cadmium, F	N	< 0.3	ug/L	ND	T01006020006 : Log Check Dam	CA	4/29/2011	12/13/2010
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	1.26	ug/L	D	--	--	--	--
Copper, F	Y	4.46	ug/L	MTAL	--	--	--	--
Cyanide, weak acid dissociable, UF	N	2.68	ug/L	D	--	--	--	--
Gross alpha, UF	Y	42.5	pCi/L	ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	< 0.067	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	< 0.067	ug/L	ND MQL	--	--	--	--
Nickel, F	N	0.6	ug/L	D MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	1.95	pCi/L	D No MQL	--	--	--	--
Selenium, UF	N	< 2	ug/L	ND	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 05/10/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/25/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: T010	Site Monitoring Area No. T-SMA-7.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	< 1	ug/L	ND	--	--	--	--
Zinc, F	N	11.5	ug/L	D	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 05/10/2019. The sampler was turned off after a baseline monitoring sample was collected on 07/25/2019. Corrective action was completed on 12/23/2019 with certification of completion of corrective action under E.2(d). ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. MTAL-Detected result is greater than the MTAL ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W001	Site Monitoring Area No. W-SMA-1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00102040019 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W00103010014 : Earthen Berm	CA	6/1/2013	5/2/2013
--	--	--	--	--	W00103010015 : Earthen Berm	CA	6/1/2013	5/2/2013
--	--	--	--	--	W00104060011 : Rip Rap	CA	12/1/2010	11/1/2010
--	--	--	--	--	W00104060017 : Rip Rap	CA	6/1/2013	5/2/2013
--	--	--	--	--	W00105030016 : Sand Filter	CA	6/1/2013	5/2/2013
--	--	--	--	--	W00106010008 : Rock Check Dam	CA	12/1/2010	11/1/2010
--	--	--	--	--	W00106010012 : Rock Check Dam	CA	6/1/2013	5/2/2013
--	--	--	--	--	W00106010013 : Rock Check Dam	CA	6/1/2013	5/2/2013
--	--	--	--	--	W00108020018 : Rock Cap	CA	6/1/2013	5/2/2013
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Comments: No confirmation monitoring was conducted in 2019. 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.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W002	Site Monitoring Area No. W-SMA-1.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00202040017 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W00203010015 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W00203010020 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	W00203160022 : Wood Chip Wattle	CA	--	5/11/2016
--	--	--	--	--	W00204060007 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00204070002 : Vegetated Swale	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00204070003 : Vegetated Swale	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00205020013 : Sediment Basin	CA	10/25/2012	9/25/2012
--	--	--	--	--	W00205020021 : Sediment Basin	CA	10/4/2015	9/4/2015
--	--	--	--	--	W00206010008 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00206010009 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00206010010 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00206010016 : Rock Check Dam	CA	10/25/2012	9/25/2012
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Comments: The sampler was activated for corrective action monitoring on 04/26/2019. The sampler was shut down for the winter on 11/15/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W018	Site Monitoring Area No. W-SMA-10	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01802040025 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W01803010022 : Earthen Berm	CA	9/22/2012	8/23/2012
--	--	--	--	--	W01803010023 : Earthen Berm	CA	9/22/2012	8/23/2012
--	--	--	--	--	W01803010024 : Earthen Berm	CA	9/22/2012	8/23/2012
--	--	--	--	--	W01803040010 : Asphalt Berm	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01803040016 : Asphalt Berm	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01803060028 : Straw Wattle	CA	--	8/19/2015
--	--	--	--	--	W01803060032 : Straw Wattle	CA	--	9/11/2018
--	--	--	--	--	W01803090002 : Curbing	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01803100026 : Gravel Bags	CA	--	8/19/2015
--	--	--	--	--	W01803100027 : Gravel Bags	CA	--	8/19/2015
--	--	--	--	--	W01803140031 : Coir Log	CA	--	7/18/2017
--	--	--	--	--	W01804060004 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01804060013 : Rip Rap	CA	4/29/2011	12/22/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 02/26/2016.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W019	Site Monitoring Area No. W-SMA-11.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01902040052 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	W01903010040 : Earthen Berm	CA	--	9/22/2011
--	--	--	--	--	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
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Comments: The sampler was activated for corrective action monitoring on 05/06/2019. The sampler was shut down for the winter on 11/18/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W020	Site Monitoring Area No. W-SMA-12.05	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W02002040018 : Established Vegetation	BCM	--	5/9/2013
--	--	--	--	--	W02003010015 : Earthen Berm	BCM	--	9/22/2011
--	--	--	--	--	W02003010016 : Earthen Berm	BCM	--	9/22/2011
--	--	--	--	--	W02003010017 : Earthen Berm	BCM	--	9/22/2011
--	--	--	--	--	W02004060002 : Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W02006010001 : Rock Check Dam	BCM	4/29/2011	12/22/2010
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Comments: The sampler was activated for baseline monitoring on 05/06/2019. The sampler was shut down for the winter on 11/18/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W021	Site Monitoring Area No. W-SMA-14.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W02102040021 : Established Vegetation	CA	--	4/3/2013
--	--	--	--	--	W02103010016 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W02103010017 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W02103010018 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W02103010019 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W02103010020 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W02104060014 : Rip Rap	CA	4/29/2011	3/29/2011
--	--	--	--	--	W02106010008 : Rock Check Dam	CA	4/29/2011	3/29/2011
--	--	--	--	--	W02106010009 : Rock Check Dam	CA	4/29/2011	3/29/2011
--	--	--	--	--	W02106010011 : Rock Check Dam	CA	4/29/2011	3/29/2011
--	--	--	--	--	W02106010012 : Rock Check Dam	CA	4/29/2011	3/29/2011
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W022	Site Monitoring Area No. W-SMA-15.1	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W02202040006 : Established Vegetation	CA	--	5/9/2013
--	--	--	--	--	W02203010004 : Earthen Berm	CA	11/22/2012	10/23/2012
--	--	--	--	--	W02203010005 : Earthen Berm	CA	11/22/2012	10/23/2012
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Comments: The sampler was activated for corrective action monitoring on 05/06/2019. The sampler was shut down for the winter on 11/18/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W003	Site Monitoring Area No. W-SMA-2.05	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00302040010 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W00303010007 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W00303010008 : Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W00306010009 : Rock Check Dam	CA	10/25/2012	9/25/2012
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Comments: The sampler was activated for corrective action monitoring on 04/24/2019. The sampler was shut down for the winter on 10/30/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W004	Site Monitoring Area No. W-SMA-3.5	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00402040008 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	W00403060009 : Straw Wattle	BCM	--	10/15/2014
--	--	--	--	--	W00403060013 : Straw Wattle	BCM	--	7/6/2016
--	--	--	--	--	W00403060014 : Straw Wattle	BCM	--	9/26/2016
--	--	--	--	--	W00403060015 : Straw Wattle	BCM	--	9/11/2018
--	--	--	--	--	W00404060003 : Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00406010007 : Rock Check Dam	BCM	4/29/2011	12/22/2010
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Comments: The sampler was activated for baseline monitoring on 04/23/2019. The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W005	Site Monitoring Area No. W-SMA-4.1	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00502040006 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	W00503060008 : Straw Wattle	BCM	--	11/23/2015
--	--	--	--	--	W00503060009 : Straw Wattle	BCM	--	7/6/2016
--	--	--	--	--	W00503140010 : Coir Log	BCM	--	4/21/2017
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Comments: The sampler was activated for baseline monitoring on 05/14/2019. The sampler was found to be inoperable due to equipment failure on 07/09/2019. The sampler was last known to be operable at the prior inspection on 06/28/2019 (inoperable up to 11 d). The sampler was found to be tipped over on 09/30/2019. The sampler was last known to be operable at the prior inspection on 09/04/2019 (inoperable up to 26 d). The sampler was shut down for the winter on 11/05/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W006	Site Monitoring Area No. W-SMA-5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00602040029 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W00604040011 : Culvert	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00604050033 : Water Bar	CA	--	10/23/2014
--	--	--	--	--	W00604060006 : Rip Rap	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00606010003 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00606010012 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00606010013 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00606010014 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00606010015 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00606010017 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00606010021 : Rock Check Dam	CA	--	9/6/2011
--	--	--	--	--	W00606010022 : Rock Check Dam	CA	--	6/6/2012
--	--	--	--	--	W00606010023 : Rock Check Dam	CA	--	6/6/2012
--	--	--	--	--	W00606010024 : Rock Check Dam	CA	--	6/6/2012
--	--	--	--	--	W00606010028 : Rock Check Dam	CA	--	8/1/2012
--	--	--	--	--	W00606010031 : Rock Check Dam	CA	--	10/23/2014

Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W006	Site Monitoring Area No. W-SMA-5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00606010032 : Rock Check Dam	CA	--	10/23/2014
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W007	Site Monitoring Area No. W-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	374	ug/L	D MQL	W00701010007 : Seed and Wood Mulch	CA	--	7/22/2013
Antimony, F	N	< 1	ug/L	ND	W00702040004 : Established Vegetation	CA	--	7/22/2013
Arsenic, F	N	< 2	ug/L	ND MQL	W00703060005 : Straw Wattle	CA	--	7/22/2013
Boron, F	N	< 15	ug/L	ND	W00703060006 : Straw Wattle	CA	--	7/22/2013
Cadmium, F	N	< 0.3	ug/L	ND	--	--	--	--
Chromium, F	N	< 3	ug/L	ND	--	--	--	--
Cobalt, F	N	< 1	ug/L	ND	--	--	--	--
Copper, F	N	3.58	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Cyanide, weak acid dissociable, UF	N	< 1.67	ug/L	ND	--	--	--	--
Gross alpha, UF	Y	60.5	pCi/L	ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	0.081	ug/L	D MQL	--	--	--	--
Nickel, F	N	0.755	ug/L	D MQL	--	--	--	--
Radium-226 and Radium-228, UF	N	1.91	pCi/L	D No MQL	--	--	--	--
RDX, UF	N	< 0.267	ug/L	ND No MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/24/2019. A baseline monitoring sample was collected on 07/07/2019. The sampler was reactivated for baseline monitoring on 08/29/2019 (inoperable 53 d). The sampler was turned off after an additional baseline monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W007	Site Monitoring Area No. W-SMA-6	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Selenium, UF	N	< 2	ug/L	ND	--	--	--	--
Selenium, UF	N	< 2	ug/L	ND	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	< 0.267	ug/L	ND No MQL	--	--	--	--
Vadium, F	N	< 1	ug/L	ND	--	--	--	--
Zinc, F	N	8.6	ug/L	D	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/24/2019. A baseline monitoring sample was collected on 07/07/2019. The sampler was reactivated for baseline monitoring on 08/29/2019 (inoperable 53 d). The sampler was turned off after an additional baseline monitoring sample was collected on 10/04/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND No MQL-Not detected, no TAL exceedance, no MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W008	Site Monitoring Area No. W-SMA-7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00801030048 : Hydromulch	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00802040014 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W00803010049 : Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803060010 : Straw Wattle	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00803060017 : Straw Wattle	CA	--	7/22/2013
--	--	--	--	--	W00803060024 : Straw Wattle	CA	--	10/15/2014
--	--	--	--	--	W00803060025 : Straw Wattle	CA	--	10/15/2014
--	--	--	--	--	W00803060052 : Straw Wattle	CA	--	4/10/2019
--	--	--	--	--	W00803060053 : Straw Wattle	CA	--	4/10/2019
--	--	--	--	--	W00803140035 : Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140036 : Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140041 : Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140042 : Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140043 : Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140044 : Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140045 : Coir Log	CA	10/28/2015	9/28/2015

Comments: The sampler was activated for corrective action monitoring on 04/24/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W008	Site Monitoring Area No. W-SMA-7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00803140046 : Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140047 : Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140050 : Coir Log	CA	--	9/12/2018
--	--	--	--	--	W00803140051 : Coir Log	CA	--	9/12/2018
--	--	--	--	--	W00806010001 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00806010003 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00806010004 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W00806010015 : Rock Check Dam	CA	--	7/22/2013
--	--	--	--	--	W00806010016 : Rock Check Dam	CA	--	7/22/2013
--	--	--	--	--	W00806010026 : Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010027 : Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010028 : Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010029 : Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010030 : Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010031 : Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010032 : Rock Check Dam	CA	10/28/2015	9/28/2015

Comments: The sampler was activated for corrective action monitoring on 04/24/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W008	Site Monitoring Area No. W-SMA-7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W00806010033 : Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010034 : Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00808040023 : Metal Cap	CA	--	7/22/2013
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Comments: The sampler was activated for corrective action monitoring on 04/24/2019. The sampler was shut down for the winter on 11/04/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W009	Site Monitoring Area No. W-SMA-7.8	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Aluminum, F	N	137	ug/L	D MQL	W00902040009 : Established Vegetation	BCM	--	5/7/2013
Antimony, F	N	< 1	ug/L	ND	W00903010004 : Earthen Berm	BCM	4/29/2011	12/22/2010
Arsenic, F	N	< 2	ug/L	ND MQL	W00903100010 : Gravel Bags	BCM	--	4/21/2017
Arsenic, F	N	< 2	ug/L	ND MQL	W00906010001 : Rock Check Dam	BCM	4/29/2011	12/22/2010
Boron, F	N	22.7	ug/L	D	W00906010005 : Rock Check Dam	BCM	4/29/2011	12/22/2010
Cadmium, F	N	< 0.3	ug/L	ND	W00906010006 : Rock Check Dam	BCM	4/29/2011	12/22/2010
Chromium, F	N	< 3	ug/L	ND	W00906010007 : Rock Check Dam	BCM	4/29/2011	12/22/2010
Cobalt, F	N	< 1	ug/L	ND	--	--	--	--
Copper, F	N	2.17	ug/L	D	--	--	--	--
Cyanide, weak acid dissociable, UF	N	2	ug/L	D	--	--	--	--
Gross alpha, UF	N	15.1	pCi/L	ATAL	--	--	--	--
Lead, F	N	< 0.5	ug/L	ND MQL	--	--	--	--
Mercury, UF	N	< 0.067	ug/L	ND MQL	--	--	--	--
Nickel, F	N	0.926	ug/L	D MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler was shut down for the winter on 10/30/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

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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

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W009	Site Monitoring Area No. W-SMA-7.8	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
Radium-226 and Radium-228, UF	N	1.1	pCi/L	D No MQL	--	--	--	--
Selenium, UF	N	< 2	ug/L	ND	--	--	--	--
Selenium, UF	N	< 2	ug/L	ND	--	--	--	--
Silver, F	N	< 0.3	ug/L	ND	--	--	--	--
Thallium, F	N	< 0.6	ug/L	ND MQL	--	--	--	--
Vadium, F	N	< 1	ug/L	ND	--	--	--	--
Zinc, F	N	< 9.2	ug/L	ND	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler was shut down for the winter on 10/30/2019. ATAL-Detected result is greater than the ATAL D MQL-Detected, no TAL exceedance, reporting level is greater than the MQL. D No MQL-Detected, no TAL exceedance, no MQL. D-Detected, no TAL exceedance. ND MQL-Not detected, no TAL exceedance, reporting level is greater than or equal to the MQL. ND-Not detected, reporting level is less than the MQL.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W010	Site Monitoring Area No. W-SMA-7.9	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01002040004 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	W01006010003 : Rock Check Dam	BCM	4/29/2011	12/22/2010
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Comments: The sampler was activated for baseline monitoring on 04/24/2019. The sampler attempted but was unable to collect a sample on 07/27/2019. The sampler was reset on 08/21/2019 (inoperable 25 d). The sampler was shut down for the winter on 10/30/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W011	Site Monitoring Area No. W-SMA-8	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01102040009 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W01103010012 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	W01103010013 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	W01103010014 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	W01103010015 : Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	W01103040010 : Asphalt Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	W01106010006 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01106010011 : Rock Check Dam	CA	--	12/22/2014
--	--	--	--	--	W01106010016 : Rock Check Dam	CA	9/9/2015	8/10/2015
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Comments: The sampler was activated for corrective action monitoring on 04/24/2019. The sampler was shut down for the winter on 10/30/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W012	Site Monitoring Area No. W-SMA-8.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01202040011 : Established Vegetation	CA	--	5/3/2013
--	--	--	--	--	W01203060010 : Straw Wattle	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01206010006 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01206010007 : Rock Check Dam	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01206010008 : Rock Check Dam	CA	4/29/2011	12/22/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W012A	Site Monitoring Area No. W-SMA-8.71	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W012A02040006 : Established Vegetation	CA	--	5/3/2013
--	--	--	--	--	W012A03010005 : Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	W012A03010007 : Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	W012A03060008 : Straw Wattle	CA	--	8/17/2015
--	--	--	--	--	W012A03060009 : Straw Wattle	CA	--	8/17/2015
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Comments: The sampler was activated for corrective action monitoring on 05/13/2019. The sampler was shut down for the winter on 11/18/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W013	Site Monitoring Area No. W-SMA-9.05	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01302040013 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	W01303010010 : Earthen Berm	BCM	--	11/14/2011
--	--	--	--	--	W01303010011 : Earthen Berm	BCM	--	11/14/2011
--	--	--	--	--	W01304010004 : Earthen Channel/Swale	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01306010001 : Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01306010012 : Rock Check Dam	BCM	--	11/14/2011
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Comments: No confirmation monitoring was conducted in 2019. Baseline monitoring was completed with receipt of all results less than target action levels on 10/21/2013.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W014	Site Monitoring Area No. W-SMA-9.5	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01402040008 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W01403010006 : Earthen Berm	CA	--	11/14/2011
--	--	--	--	--	W01403010007 : Earthen Berm	CA	--	11/14/2011
--	--	--	--	--	W01403060002 : Straw Wattle	CA	12/1/2010	11/1/2010
--	--	--	--	--	W01403060009 : Straw Wattle	CA	--	7/13/2016
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Comments: No confirmation monitoring was conducted in 2019. Construction of enhanced controls initiated in 2018 continued in 2019 and will be completed in 2020.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W015	Site Monitoring Area No. W-SMA-9.7	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

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

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01502040008 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W01503060018 : Straw Wattle	CA	--	8/18/2015
--	--	--	--	--	W01503060019 : Straw Wattle	CA	--	8/18/2015
--	--	--	--	--	W01503100017 : Gravel Bags	CA	--	10/28/2014
--	--	--	--	--	W01503140020 : Coir Log	CA	--	7/13/2017
--	--	--	--	--	W01506030004 : Juniper Bales	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01506030005 : Juniper Bales	CA	4/29/2011	12/22/2010
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Comments: No confirmation monitoring was conducted in 2019. Alternative compliance was requested at all associated site(s) on 05/06/2015.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W016	Site Monitoring Area No. W-SMA-9.8	Permit Phase: Baseline Control Measures ☒ Corrective Action ☐

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01602040012 : Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	W01603020007 : Base Course Berm	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01603060010 : Straw Wattle	BCM	4/29/2011	12/22/2010
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Comments: The sampler was activated for baseline monitoring on 05/17/2019. The sampler was found to be tipped over on 06/11/2019. The sampler was last known to be operable at the prior inspection on 05/17/2019 (inoperable up to 25 d). The sampler was found to be tipped over on 07/09/2019. The sampler was last known to be operable at the prior inspection on 06/11/2019 (inoperable up to 28 d). The sampler was shut down for the winter on 11/18/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2019 - December 31, 2019	NPDES Permit No.: NM0030759
Permitted Feature No.: W017	Site Monitoring Area No. W-SMA-9.9	Permit Phase: Baseline Control Measures ☐ Corrective Action ☒

Monitoring Required? ☒ Measurable Discharge? ☐ Sample(s) Collected? ☐

Monitoring Requirement	Parameter(s) > Target Action Level				Control Measure(s)		Completion Date	
	(Yes/ No)	Quality or Concentration	Units	Result Description	Type	Permit Phase	Required	Actual
--	--	--	--	--	W01702040022 : Established Vegetation	CA	--	5/7/2013
--	--	--	--	--	W01703010017 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	W01703010018 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	W01703010019 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	W01703010020 : Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	W01703090001 : Curbing	CA	4/29/2011	12/22/2010
--	--	--	--	--	W01703110023 : Eco-Block	CA	--	4/17/2019
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Comments: The sampler was activated for corrective action monitoring on 05/17/2019. The sampler was found to be tipped over on 06/11/2019. The sampler was last known to be operable at the prior inspection on 05/17/2019 (inoperable up to 25 d). The sampler was shut down for the winter on 11/18/2019.

Bruce A. Robinson, Program Director	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.	See Signature on file pg. C-1 to C-5	2/10/2020
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

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
07/25/2019	08/17/2019	N3B-2019-2750	P-SMA-2.2	WT_IPC-19-173671
07/26/2019	08/28/2019	N3B-2019-2739	S-SMA-5.2	WT_IPC-19-173901

Blank Population Summary

Date Range	Associated Chains of Custody
August 1–August 31, 2018	N3B-2019-2750, N3B-2019-2739

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-19 to 31-AUG-19

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	0.955	0.287	1.53	
3-Chlorobiphenyl (2)	pg/L	0.958	0.255	1.47	
4-Chlorobiphenyl (3)	pg/L	1.09	0.292	1.68	
2,2'-Dichlorobiphenyl (4)	pg/L	5.58	1.73	9.05	
2,3-Dichlorobiphenyl (5)	pg/L	4.61	4.71	14	
2,3'-Dichlorobiphenyl (6)	pg/L	3.68	3.55	10.8	
2,4-Dichlorobiphenyl (7)	pg/L	3.71	3.52	10.7	
2,4'-Dichlorobiphenyl (8)	pg/L	3.27	3.05	9.36	
2,5-Dichlorobiphenyl (9)	pg/L	4.38	4.35	13.1	
2,6-Dichlorobiphenyl (10)	pg/L	3.67	1.36	6.4	
3,3'-Dichlorobiphenyl (11)	pg/L	5.84	6.25	18.3	
3,4-Dichlorobiphenyl (12)	pg/L	4.16	4.1	12.4	
3,5-Dichlorobiphenyl (14)	pg/L	3.92	3.85	11.6	
4,4'-Dichlorobiphenyl (15)	pg/L	5.49	5.46	16.4	
2,2',3-Trichlorobiphenyl (16)	pg/L	2.01	0.637	3.29	
2,2',4-Trichlorobiphenyl (17)	pg/L	2.1	0.592	3.28	
2,2',5-Trichlorobiphenyl (18)	pg/L	1.74	0.497	2.73	
2,2',6-Trichlorobiphenyl (19)	pg/L	2.17	0.627	3.42	
2,3,3'-Trichlorobiphenyl (20)	pg/L	1.52	0.438	2.39	
2,3,4-Trichlorobiphenyl (21)	pg/L	1.47	0.406	2.29	
2,3,4'-Trichlorobiphenyl (22)	pg/L	1.44	0.408	2.26	
2,3,5-Trichlorobiphenyl (23)	pg/L	1.41	0.401	2.22	
2,3,6-Trichlorobiphenyl (24)	pg/L	1.54	0.396	2.33	
2,3',4-Trichlorobiphenyl (25)	pg/L	1.33	0.387	2.11	
2,3',5-Trichlorobiphenyl (26)	pg/L	1.5	0.431	2.37	
2,3',6-Trichlorobiphenyl (27)	pg/L	1.58	0.461	2.51	
2,4',5-Trichlorobiphenyl (31)	pg/L	1.48	0.413	2.31	
2,4',6-Trichlorobiphenyl (32)	pg/L	1.38	0.389	2.16	
2',3,5-Trichlorobiphenyl (34)	pg/L	1.65	0.501	2.65	
3,3',4-Trichlorobiphenyl (35)	pg/L	1.44	0.228	1.89	
3,3',5-Trichlorobiphenyl (36)	pg/L	1.28	0.212	1.7	
3,4,4'-Trichlorobiphenyl (37)	pg/L	1.95	0.437	2.82	
3,4,5-Trichlorobiphenyl (38)	pg/L	1.33	0.229	1.79	
3,4',5-Trichlorobiphenyl (39)	pg/L	1.22	0.217	1.65	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	1.65	0.659	2.97	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	2.59	1.15	4.89	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	1.88	0.772	3.42	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	2.1	0.877	3.85	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	1.77	0.714	3.2	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	1.45	0.452	2.36	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	1.45	0.431	2.32	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	1.82	0.728	3.27	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	1.69	0.684	3.06	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	1.35	0.412	2.18	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	2	0.821	3.64	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	0.952	0.328	1.61	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-19 to 31-AUG-19

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	1.28	0.236	1.76	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	1.45	0.28	2.01	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	1.38	0.265	1.91	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	1.36	0.249	1.86	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	1.44	0.575	2.59	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	1.35	0.251	1.85	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	1.36	0.256	1.87	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	1.32	0.238	1.8	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	1.42	0.568	2.56	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	1.4	0.242	1.89	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	1.17	0.239	1.65	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	1.2	0.224	1.65	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	1.32	0.248	1.82	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	1.42	0.56	2.54	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	1.92	0.404	2.73	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	1.45	0.277	2	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	1.26	0.251	1.76	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	1.22	0.226	1.68	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	1.71	0.343	2.4	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	1.85	0.292	2.43	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	2.05	0.283	2.62	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	1.8	0.308	2.41	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	1.43	0.238	1.9	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	1.48	0.247	1.98	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	1.71	0.301	2.31	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	1.81	0.31	2.43	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	1.48	0.259	2	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	1.74	0.289	2.31	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	1.68	0.27	2.22	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.7	0.297	2.29	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	1.68	0.302	2.28	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.719	0.0947	0.908	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	1.72	0.334	2.39	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	1.53	0.217	1.96	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	1.59	0.283	2.16	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	0.753	0.115	0.983	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	1.46	0.276	2.01	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	1.15	0.189	1.53	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	1.09	0.194	1.48	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.27	0.293	1.86	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	1.32	0.236	1.79	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	1.24	0.192	1.62	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	1.2	0.287	1.77	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	1.42	0.251	1.92	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	1.36	0.23	1.82	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	1.24	0.206	1.65	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-19 to 31-AUG-19

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	1.25	0.224	1.7	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	1.29	0.224	1.74	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	1.34	0.232	1.8	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	1.83	0.413	2.65	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.2	0.225	1.65	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	1.36	0.259	1.88	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	1.53	0.298	2.13	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	1.78	0.341	2.46	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	1.87	0.316	2.5	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	1.64	0.284	2.21	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	1.63	0.28	2.19	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	2.15	0.429	3	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	1.01	0.144	1.3	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	0.736	0.102	0.94	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	1.63	0.334	2.29	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	1.48	0.256	1.99	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	1.48	0.273	2.02	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	1.72	0.305	2.33	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	1.54	0.258	2.06	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	0.97	0.148	1.27	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	0.725	0.0965	0.918	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	1.41	0.257	1.92	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	1.53	0.272	2.08	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	0.954	0.123	1.2	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	0.69	0.0992	0.888	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	0.725	0.102	0.93	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	1.25	0.23	1.71	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	0.825	0.119	1.06	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	0.718	0.114	0.947	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	1.37	0.361	2.09	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	1.07	0.202	1.48	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	1.01	0.253	1.52	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	1.24	0.235	1.71	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	1.19	0.215	1.62	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	0.918	0.242	1.4	
2,3,3',4',5',6-Hexachlorobiphenyl (164)	pg/L	1.13	0.21	1.55	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	1.27	0.223	1.71	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	1.04	0.279	1.6	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	1.3	0.371	2.04	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	1.37	0.271	1.91	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	1.3	0.242	1.79	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	1.34	0.261	1.86	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	1.18	0.215	1.61	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	0.965	0.242	1.45	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	0.738	0.174	1.09	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	1.29	0.238	1.77	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-19 to 31-AUG-19

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	1.01	0.249	1.5	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	0.725	0.166	1.06	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	1.09	0.219	1.53	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	1.21	0.236	1.68	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	0.922	0.235	1.39	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	1.18	0.231	1.64	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	0.678	0.157	0.992	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	0.724	0.173	1.07	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	0.877	0.218	1.31	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	0.762	0.173	1.11	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	1.07	0.269	1.61	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	1.06	0.208	1.47	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	0.994	0.2	1.39	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	1.04	0.202	1.44	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	0.969	0.216	1.4	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	1.06	0.212	1.48	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	1.17	0.367	1.9	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	0.835	0.262	1.36	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	1.21	0.361	1.94	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	0.848	0.262	1.37	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	0.966	0.322	1.61	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	1.05	0.321	1.69	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	0.862	0.272	1.41	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	0.859	0.219	1.3	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	1.52	0.321	2.17	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	1.05	0.181	1.41	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	1.1	0.187	1.48	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	1.04	0.374	1.79	

** = PQL adjusted to the MBCV.*