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Subject: NPDES Permit No. NM0030759 – Storm Water Individual Permit Annual Report Reporting Period: January 1–December 31, 2015

Dear Ms. Johnsey and Mr. Spencer:

Enclosed please find one hard copy with electronic files of the 2015 Storm Water Individual Permit Annual Report. The report is being submitted in accordance with the requirements of the National Pollutant Discharge Elimination System Permit No. NM0030759 (the Permit) for Los Alamos National Laboratory, issued to Los Alamos National Security, LLC, and the U.S. Department of Energy (the Permittees), effective November 1, 2010.

The 2015 Annual Report presents activities and milestones accomplished by the Permittees from January 1 to December 31, 2015. The Annual Report addresses the requirements in Section H.2 of the Permit, including the following:

- Storm Water Individual Permit Compliance Status Reports (IP-CSRs) prepared for the 250 site monitoring areas using the form provided in Appendix D of the Permit. Each IP-CSR has been signed, certified, and dated in accordance with Part III.D.11 of the Permit.
- Summary of Site-specific compliance status
- Monitoring results available during the reporting period
- Identification of pollutants of concern that exceed applicable target action levels
- Description of control measures installed
- Description of corrective actions required per Part I.E to be taken or having been taken, including completion date or targeted completion date and progress update
- Highlights of any change of compliance status
- Lists of requests for the U.S. Environmental Protection Agency's approval, including requests for change of monitoring location or Site deletion and any requests to place Site(s) into Section E.3, Alternative Compliance, of the Permit
- Summary of inspections performed

The 2015 Annual Report can be accessed at the following website: http:www.lanl.gov/community-environment/environmental-stewardship/protection/compliance/individual-permit-stormwater/index.php.

If you have any questions, please contact Steve Veenis at (505) 667-0013 (veenis@lanl.gov) or David Rhodes at (505) 665-5325 (david.rhodes@em.doe.gov).

Sincerely,

John P. McCann, Acting Division Leader
Environmental Protection & Compliance Division
Los Alamos National Laboratory

Sincerely,

David S. Rhodes, Supervisor
Environmental Management
Los Alamos Field Office

JM/DR/BR/SV:sm

Enclosure: One hard copy with electronic files – Storm Water Individual Permit Annual Report Reporting Period: January 1–December 31, 2015 (EP2016-0009)

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Los Alamos
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LA-UR-16-21002
March 2016
EP2016-0009

Storm Water Individual Permit Annual Report

Reporting Period: January 1–December 31, 2015

NPDES Permit No. NM0030759

Prepared by the Associate Directorate for Environmental Management

Cover photo: Individual Permit storm water retention control at CHQ-SMA-6.0 following revegetation

Los Alamos National Laboratory, operated by Los Alamos National Security, LLC, for the U.S. Department of Energy (DOE) under Contract No. DE-AC52-06NA253 and under DOE Office of Environmental Management Contract No. DE-EM0003528, 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

LOS ALAMOS NATIONAL LABORATORY
NPDES Permit No. NM0030759

ANNUAL REPORT
REPORTING PERIOD: January 1, 2015–December 31, 2015

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 manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

02/22/2016

Bruce Robinson, Program Director
Environmental Remediation Program
Associate Directorate for Environmental Management
Los Alamos National Security, LLC

Date

CERTIFICATION

LOS ALAMOS NATIONAL LABORATORY
NPDES Permit No. NM0030759

ANNUAL REPORT
REPORTING PERIOD: January 1, 2015–December 31, 2015

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 manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

2-25-2016

David S. Rhodes
Supervisory Federal Project Director
Environmental Management
Los Alamos Field Office

Date

EXECUTIVE SUMMARY

Los Alamos National Security, LLC, 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, 2015. Highlights of work performed during the 2015 annual reporting period include the following.

Baseline activities:

- A total of 167 “additional” control measures installed at 59 site monitoring areas (SMAs)
- Seventeen controls installed to replace existing baseline control measures at eleven SMAs
- Baseline confirmation monitoring samples collected at six SMAs, initiating corrective action

Corrective action activities:

- A total of 303 enhanced control measures installed and implemented at 35 SMAs
- Corrective action enhanced control confirmation monitoring samples collected at six SMAs
- Corrective action initiated based on target action level (TAL) exceedances at five SMAs
- Enhanced control monitoring initiated at 37 SMAs
- Completion of corrective action at five SMA/Site combinations with certification of no exposure
- Completion of corrective action at one SMA/Site combination with certification of all results less than TAL
- Completion of corrective action at 26 SMA/Site combinations with certification of completion of corrective action

Alternative compliance activities:

- Alternative compliance requested at 71 SMA/Site combinations

Inspection activities:

- A total of 1446 Permit-required inspections
- A total of 1363 sampling equipment inspections

Compliance activities:

- Website updated and public notified
- Two public meetings held
- 2015 Update to the Site Discharge Pollution Prevention Plan, Revision 1
- Permit renewal supplemental information submitted

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Attachment 2 Supporting Documentation for Permitted Sites with Certificates of Completion under the New Mexico Environment Department Compliance Order on Consent

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) and managed by Los Alamos National Security, LLC (LANS), collectively, the Permittees. The Laboratory, located in Los Alamos County in northern New Mexico, covers approximately 39 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 National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (hereafter, the Individual Permit, IP, or 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 nonnumeric 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 nonnumeric technology-based effluent limits, as necessary, to minimize pollutants in their 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. 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 March 2005 Compliance Order on Consent (the Consent Order). The Consent Order fulfills the corrective action requirements in §3004(u) and §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. 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 "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 the Consent Order began before the effective date of the Individual Permit and continues 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. Subsequently, minor adjustments to the SMA sampling points have been made, primarily following installation of storm water control measures, 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, 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.

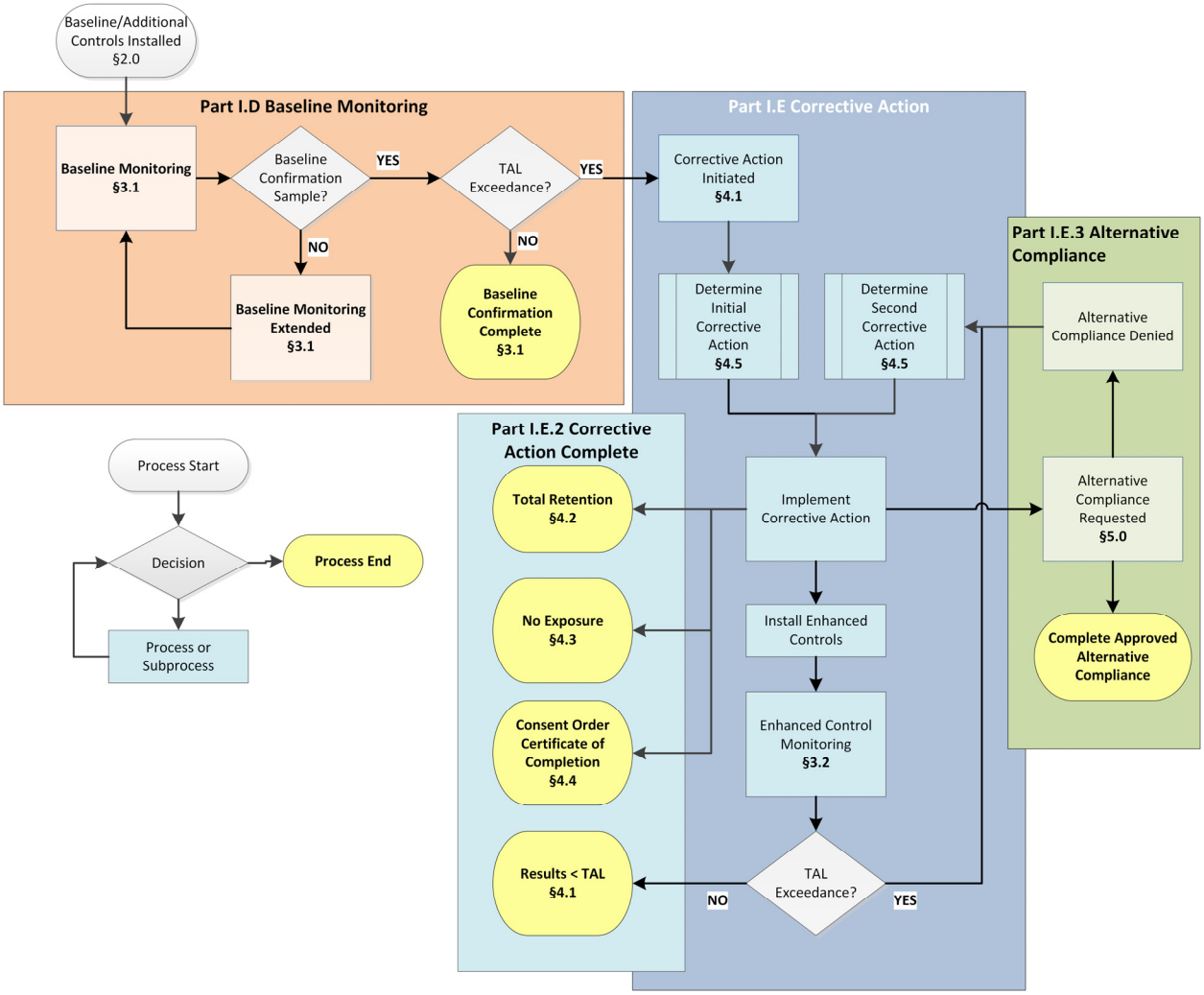


Figure 1-1 Permit compliance roadmap

This annual status report was prepared to meet the requirements of Part I.H.2(a) through (k) 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. Six administrative changes since the initiation of the Permit have split one Site, 32-002(b), within LA-SMA-5.361 into two Sites, 32-002(b1) and 32-002(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, and Site 16-029(e) was identified as existing within W-SMA-7. These administrative changes are reflected in the Renewal

Application for NPDES Permit Number NM0030759 (LANL 2014, 254864) and the Supplemental Information for Permit Renewal Application letter (LANL 2015, 600289). The renewal application and supplemental information did not include another Site update: Site 09-005(g) has been identified as existing within in PJ-SMA-4.05. 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 Table 8-3 in Section 8), which list and summarize the SMA and Site relationships. These administrative Site changes are described more fully in Section 9 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 a list of control measures. Appendix D 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 Laboratory has continued to install additional controls. All 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 a detailed list of all BCMs installed and operating on December 31, 2015, at each SMA. In addition to BCMs, the Appendix C list includes additional controls and enhanced controls that have been installed. Each control is assigned one or more of the following functionalities: erosion control (EC), sediment control (SC), run-on control (RON), and runoff control (ROFF), identified in Appendix C. 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

The Laboratory continued a field effort during 2015 to supplement certified BMPs with additional control measures at some SMAs. These additional control measures consisted of berms, caps, channel/swales, check dams, gabions, sediment traps and basins, and seed and mulch. Additional control measures are installed to improve existing SMA controls and in response to changing SMA conditions. These additional controls are not certified as enhanced controls because they are installed at SMAs in the baseline monitoring Permit phase (e.g., no TAL has been exceeded) or the controls installed do not meet criteria for certification under Part I.E.2 of the Permit. The installation of additional controls does not affect the compliance status of the Site or monitoring status at the SMA.

Table 2-1 summarizes the 167 additional controls installed at 59 SMAs, the 17 controls installed to replace retired controls at 11 SMAs, and the 2 controls installed to replace enhanced controls at 2 SMAs during 2015.

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 (2) separate "measurable storm events" occurring at least fifteen (15) days apart. 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. Minimum and suggested sample volumes required to perform each specific analysis are presented in Table 3-1. Snowmelt samples cannot be used for purposes of confirmation monitoring. Grab samples must be collected within the first thirty (30) minutes of, but no later than one (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 d 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), and
- 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).

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

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 for polychlorinated biphenyl (PCB) compounds, high explosives, or other organic compounds is also required at some SMAs based on initial evaluations of storm water data and preliminary information on potential pollutant sources at the Sites within the subwatershed.

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 gross-alpha activity reported represents the largest possible value for adjusted gross-alpha activity and is therefore a conservative estimate of adjusted gross alpha.

The State of New Mexico Standards for Interstate and Intrastate Surface Water (New Mexico Administrative Code [NMAC] 20.6.4, effective August 2013) 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 by-product material as defined by the Atomic Energy Act of 1954 (NMAC 20.6.4.7.B).

The gross-alpha activity reported represents the largest possible value for adjusted gross-alpha activity and is the value used to determine the need for corrective action when the TAL of 15 pCi/L in a confirmation monitoring sample is exceeded. The Permittees plan to initiate discussions with EPA in 2016

regarding challenges to performing the gross-alpha adjustment as part of the gross-alpha discussions initiated during the IP renewal process.

Part III.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 Method 1668 Revision A as specified by the Permit. High explosives are analyzed with guidance provided by SW-846 Method 8330A for analysis of nitroaromatics and nitramines 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.

As noted in Appendix B, storm water monitoring under the IP is conducted using automated sampling techniques at remote and unstaffed locations, resulting in specific challenges in meeting the sample filtration and preservation time requirements of 40 CFR Part 136. Specifically, requirements for sample cooling, chemical preservation, and filtration within 15 min of sample collection are difficult to meet since most of the 250 IP SMA sampling locations are unstaffed, remotely located (i.e., not located at a presently operating facility), and not easily accessible. The Permittees have made significant process improvements in reducing the time from sample collection to sample retrieval; for example, samplers are associated with individual rain gages, which allows field crews to prioritize sample collection following site-specific rainfall events. Sampler inspections and BMP inspections are conducted by different crews to further reduce collection times. The Permittees are currently investing in remote telemetry units for automated samplers that will notify sample collection crews when a sample has been collected. The Permittees are investigating the logistics of chemical preservation and filtration in the field. Although none of these process improvements may allow the Permittees to meet the precise requirements of 40 CFR Part 136, significant effort is being made to comply with 40 CFR 136 while still using automated sampling techniques. The Permittees plan to initiate discussions with EPA in 2016 regarding challenges to performing the 40 CFR 136 filtration and preservation at remote unstaffed SMA sampling locations as follow-up to the 2014 Compliance Evaluation Inspection (CEI) (NMED 2014, 601205).

Pollutants of concern monitored during corrective action monitoring can be reduced if previous confirmation monitoring results are below applicable TALs. A minimum of two confirmation samples with results below TALs must be collected and analyzed before a particular pollutant of concern at an SMA can be removed from monitoring requirements, except as provided in Part.I.E.5(d) and (e) of the Permit:

- Storm water discharge monitoring results based on validated analytical data showing pollutant concentrations above applicable TALs at any Site indicate corrective action is required as provided in Part I.E of the Permit.
- As provided in 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.

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.

Samplers were activated at 170 SMAs beginning in March 2015. During 2015, samplers were activated

- at 95 SMAs in the baseline confirmation monitoring permit phase,
- at 34 SMAs in the enhanced control confirmation monitoring phase at the beginning of the year,
- at 37 SMAs where enhanced control confirmation monitoring was initiated during the year, and
- at 4 SMAs where monitoring was required per Part I.E.1(b) after certification of no exposure.

Table 3-2 provides a summary of confirmation monitoring occurring at SMAs in the baseline and corrective action Permit phases.

3.1 Baseline Confirmation Monitoring

As of January 1, 2015, baseline confirmation monitoring was continuing at 95 SMAs (Table 3-2). During 2015 baseline confirmation monitoring, samples were collected from measurable storm events at six SMAs as shown in Table 3-3. Table 3-2 counts these six records using the MEx (baseline monitoring extended) label. As of December 31, 2015, baseline confirmation monitoring was continuing at 89 SMAs (Table 3-2).

The initial monitoring requirements and frequency of sampling for each pollutant of concern following installation and implementation of BCMs vary on a site-by-site basis, as specified in Part I.D.1 of the Permit.

- If no confirmation sample could be collected by October 31, 2011, or by April 30, 2012, from a measurable storm event, Part I.E.5(e) of the Permit requires that confirmation sampling shall continue until at least one sample is collected.

Baseline confirmation monitoring samples collected during 2015 are summarized in Table 3-3, which presents the analytical suites and pertinent information for the storm event that resulted in an actual discharge from each Site as required by Part I.D.3 of the Permit. The meteorological data are taken from the rain gage assigned to each SMA, as discussed in Section 6.1, Post-Storm Inspections, of this annual report.

To date, a TAL exceedance was not detected during baseline confirmation monitoring 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. (These SMAs and their associated Sites are listed in Section 8, Table 8-3, with compliance status equal to BCComp.) No further confirmation sampling is required at these SMAs, except as directed by Part I.E.5(c) of the Permit.

Baseline confirmation monitoring samples were collected at CDV-SMA-1.2 on September 12, 2013, and at 2M-SMA-1.67 on September 15, 2011. All results from storm water collected at each SMA were below TALs; however, high-explosives (HE) analyses were conducted after the 7-d holding time specified in 40 CFR 136. To obtain a sample and re-analyze for high explosives, baseline confirmation monitoring has continued at 2M-SMA-1.67 since 2012 without collection of a second confirmation monitoring sample. A second confirmation monitoring sample was collected at CDV-SMA-1.2 on August 2, 2015. All results were again below TAL, and quality requirements specified by 40 CFR 136 were met. Under current Permit conditions, baseline monitoring will continue at 2M-SMA-1.67 during 2016 to collect a confirmation monitoring sample with quality indicators sufficient to confirm the presence or absence of HE compounds.

The baseline samples collected at PJ-SMA-14.3 on July 20, 2015, and submitted for analysis, did not meet the criteria for confirmation monitoring, as summarized below and in Table 3-4. A visual inspection was conducted following the receipt of analytical results exceeding TALs. The visual inspection concluded that the samples collected did not receive discharge from the Site; instead, flood water from Pajarito Canyon was collected. The sampler is located at the outfall of an inactive septic tank, overflow line, drain field, and outfall. The drainline outfall daylighted approximately 15 ft from the Pajarito canyon stream channel and within the 100-yr Pajarito Canyon floodplain. The SMA is well vegetated, and there was no visual evidence of run-on to the Site from the former building and parking areas to the north of the Site. Pajarito Canyon bank-overflow deposits of sand and gravel were evident near the sampler intake. There was evidence of flood debris on the sampler and battery box. Additionally, the time of sampling was consistent with stream flooding and not Site discharge because sampling occurred 2 h following maximum storm intensity and was consistent with the timing of discharge measurements. Because the samples collected did not meet criteria for confirmation monitoring, the samples collected could not be used to assess the effectiveness of the implemented control measures.

3.2 Enhanced Control Confirmation Monitoring

As of January 1, 2015, enhanced control confirmation monitoring was continuing at 34 SMAs as summarized in Table 3-2. During 2015, enhanced control monitoring was initiated at 37 SMAs (as listed in Table 8-3). In 2015, the requirement to collect a minimum of two confirmation monitoring samples was fulfilled at two SMAs, 2M-SMA-1.45 and LA-SMA-10.12, ending enhanced control monitoring. Table 3-2 counts these two records using the CAM (corrective action monitoring) label. Enhanced control monitoring was completed at T-SMA-4, Pratt-SMA-1.05, M-SMA-10.01 on October 30, 2015, with certification of completion of corrective action issued at all associated Sites. Table 3-2 counts these three records using the CACompD [corrective action complete per Part I.E.2(d)] label. Enhanced control monitoring ended at T-SMA-1 in 2015 based on the 2013 force majeure request (LANL 2013, 250038). As of December 31, 2015, enhanced control confirmation monitoring is continuing at 66 SMAs (Table 3-2). Confirmation monitoring samples collected during 2015 after the certification of enhanced controls are presented in Table 3-5, which summarizes the analytical suites and pertinent information for the storm event that resulted in an actual discharge from the Sites, as required by Part I Section D.3 of the Permit. The meteorological data are collected from the rain gage assigned to each SMA, as discussed in Section 6.1, Post-Storm Inspections, of this annual report.

3.3 Confirmation Monitoring Analytical Data

The 2015 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 on the CSRs in Appendix D.

Part I.H.2(d) of the Permit requires that the annual report identify the pollutants that exceed applicable MTALs or ATALs. In 2015

- TAL exceedances occurred at 9 SMAs
- MTAL exceedances include aluminum and copper
- ATAL exceedances include gross alpha 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 3-6 summarizes the applicable maximum TAL (MTAL) and average TAL (ATAL) exceedances for the confirmation monitoring samples collected in 2015. The confirmation monitoring results from the confirmation monitoring sample are compared with the larger of the applicable MTAL and maximum quantitation limit (MQL) and the larger of the applicable ATAL and

MQL. If TALs are exceeded, 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 6.1 Post Storm Inspections).

All analytical results for the Individual Permit storm water monitoring samples are available electronically from the Intellus NM database, available at http://intellusnm.com/. All Individual Permit data from Intellus can be retrieved using the Primary Filter where "Location Group" is equal to "Individual Permit," providing access to data that is within the date range of November 1, 2010, to present, and where "Parameter Groups" include GEN_CHEM for cyanide (weak acid dissociable), METALS for total and dissolved metals, PCB_CONG for total PCBs, PEST for pesticides, RAD for radioactivity, SVOC for semivolatile organic compounds, DIOX/FUR for dioxins, and HEXP for high explosives.

4.0 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) TALs met 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 a New Mexico Environment Department− (NMED-) issued certificate of completion under the Consent Order.

Part I.E.4 of the Permit categorizes the Sites into "High Priority Sites" (HPS) and "Moderate Priority Sites" (MPS) 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 one (1) year following receipt of results from the first successful confirmation sampling event. The deadlines to complete corrective action for High Priority Sites are presented in Table 4-1.
- Permittees are required to certify completion of corrective action at Moderate Priority Sites within five (5) years of the effective date of the Permit (October 31, 2015).

Corrective action has been completed through the following three methods: (1) confirmation monitoring results below TALs following installation of enhanced control measures, (2) certification of no exposure, and (3) certificates of completion under NMED's Consent Order.

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 request, and (3) submittal of an alternative compliance request. Finally, corrective action measures may need to be reinitiated where evidence of contaminated runoff is identified where monitoring has ceased.

4.1 Enhanced Control Measures

Part I.E.2(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 (2) confirmation monitoring samples (one [1] confirmation sample shall be collected during each of at least two [2] separate measurable storm events occurring at least fifteen [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. Table 4-2 summarizes the 303 enhanced controls installed at 35 SMAs in 2015. The certification of enhanced controls signifies a compliance status change and monitoring status change at the SMA from corrective action planning to corrective action monitoring.

As of this date, sampling results were below the TAL at two SMAs, allowing for completion of corrective action under Part I.E.2(a) of the Permit: 2M-SMA-1.45, associated with Site 06-006, and LA-SMA-10.12, associated with Site 53-008, as listed in Table 4-3. Certification of completion of corrective action is pending at Site 53-008 and will be certified in 2016.

4.2 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. No requests to approve corrective action complete via total retention were submitted to EPA in 2015. There are no Sites where corrective action has been completed under Part I.E.2(b) of the Permit.

4.3 No Exposure

Part I.E.2(c) of the Permit specifies that completion of corrective action may be accomplished through the installation of control measures to totally eliminate exposure of pollutants to storm water at a Site. Once the control measures have been certified and submitted to EPA, no further confirmation sampling is required, unless required by Part I.E.5(c) of the Permit.

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

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. On October 14, 2015, analytical results for Site 54-018 at PJ-SMA-17 (LANL 2014, 260189) were made available on the public website and notification was made via email. This record is counted in Table 3-2 using the CA NoExp – Inv Comp (corrective action no exposure – investigation complete) label. No other no exposure samples of this type were collected in 2015.

On September 29, 2015, corrective action was completed with a certification of no exposure issued at five SMA/Site combinations: LA-SMA-1 Site 00-017, W-SMA-1 Site 16-017(j)-99, 2M-SMA-2.2 Site 03-003(k), M-SMA-4 Site 48-005, and S-SMA-0.25 Site 03-013(a). All Sites associated with SMA 2M-SMA-2.2 are certified complete with a certification of no exposure. This record is counted in Table 3-2 using the CA NoExp – Inv Init (corrective action no exposure – investigation initiated) label. As of December 31, 2015, corrective action is complete at 16 SMA/Site combinations with certification of control measures to totally eliminate exposure of pollutants, as listed in Table 4-4. Corrective action was completed at SMAs through certification of control measures to totally eliminate exposure of pollutants to storm water under Part I.E.2(c) of the Permit. Monitoring to collect a sample per Part I.E.1(b) has been completed at 2 SMAs and is ongoing at 14 SMAs, as shown in Table 4-4.

4.4 Certificate of Completion under NMED's Consent Order

Part I.E.2(d) of the Permit specifies a fourth option for completing corrective action 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 completion of corrective action has been certified and submitted to EPA, no further confirmation sampling is required, except as specified by Parts I.E.5(c) and I.2(b) of the Permit.

Part I.H.2(h) of the Permit requires that the annual report identify Sites that meet "corrective action complete without controls / corrective action complete with controls" under RCRA or that have been issued a certificate of completion under the NMED Consent Order.

As of January 1, 2015, 76 SMA/Site combinations had been issued certificates of completion under the Consent Order. The Sites that have received certificates of completion are listed in Table 4-5 and are included in Attachment 2. At 50 Sites, corrective action is complete under Part I.E.2(d) of the Permit. These Sites are listed in Table 4-5 with the compliance status category of CACompD (listed in the Stage column in the table). A total of 26 Sites with certificates of completion under the Consent Order remain in baseline monitoring and are therefore not eligible for completion of corrective action at this time. These Sites are listed in Table 4-5 with the phase of Baseline (listed in the Stage column in the table).

4.5 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 thirty (30) days of becoming aware of the situation. As of December 31, 2015, these conditions have not been identified at any Site where monitoring has ceased.

4.6 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. On September 10, 2015, the Permittees requested an extension based on force majeure at Site 03-052(f) within S-SMA-0.25 (LANL 2015, 600910) and on October 30, 2015, the Permittees requested an extension based on force majeure at 18 Sites within 10 SMAs, consisting of 19 SMA/Site combinations (LANL 2015, 600979). The Permittees have submitted requests for Certificates of Completion under the Consent Order for these Sites, for which a response from NMED is still pending. 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." A cumulative listing of Sites and their associated SMAs with extension requests is provided in Table 4-6.

5.0 ALTERNATIVE COMPLIANCE

At Sites where the Permittees have installed control measures to minimize pollutants in storm water discharges from Sites but 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. Accordingly, on May 6, 2015, a request for alternative compliance was made for 19 SMA/Site combinations where TALs for gross-alpha radioactivity were exceeded (LANL 2015, 600419)(LANL 2015, 600419). Also on May 6, 2015, a request for alternative compliance was made for 52 SMA/Site combinations where TALs were exceeded from nonpoint sources (LANL 2015, 600418). A cumulative listing of Sites and their associated SMAs with outstanding requests for alternative compliance is provided in Table 4-7. Responses from EPA are pending.

6.0 SUMMARY OF INSPECTIONS

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

This section summarizes activities undertaken by the Permittees during the 2015 annual reporting period to meet the requirements for five types of inspections specified in Part I of the Permit.

Post-Storm Inspection—Part I.G.2: Inspections of control measures at any Site affected by a "storm rain event" are reported in Section 6.1 of this report.

Annual Erosion Evaluation Inspection—Part I.G.1: Annual Site-specific inspections for changes of conditions affecting erosion or after notice of a significant event that could impact the control measures are reported in Section 6.2 of this report.

Significant Event Inspection—Part I.G.1: Site-specific inspections after notice of a significant event that could impact the control measures are reported in Section 6.3 of this report.

Visual Inspection for TAL Exceedances—Part I.E.1: Visual inspections for all Sites at SMAs where TAL exceedances are observed are reported in Section 6.4 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 6.5 of this report.

Sampler Inspections—Part I.D.3: Inspections of sampling equipment performed to collect water and to maintain samplers in operating condition are reported in Section 6.6 of this report.

6.1 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 d from the first event, a single inspection following these storms is sufficient for compliance, provided the inspection occurs no more than 15 d 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 6-1 lists the rain gages in use for the 2015 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.

Table 6-2 lists the SMAs where post-storm inspections, triggered by storm rain events that met or exceeded the 30-min 0.25-in. threshold, were conducted in 2015. In 2015, 1043 individual post-storm inspections were conducted at SMAs in response to storm rain events. Eight post-storm inspections were conducted on day 16 from after the June 7 storm rain event, and one post-storm inspection occurred on day 16 after the July 20 storm rain event. Administrative errors led to conducting these post-storm inspections 16 d following the sampling event, missing the 15-d Permit condition by 1 d. The inspections occurring on day 16 were not associated with confirmation monitoring samples (see Section 9.0 for additional information.) All other post-storm inspections were conducted within 15 d from the storm rain event.

During the monsoon season (from July to September), several storm rain events occurred within 15 d from the first event. As allowed by the Permit, a single inspection following these storms was conducted no more than 15 d from the date of the first storm. Table 6-2 indicates where a single inspection was conducted following two or more closely spaced storm rain events.

6.2 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 6-3 summarizes each of the 2015 annual erosion evaluation inspections at the 250 SMAs and all their associated Sites. Annual inspections were started in late October and continued through early December.

6.3 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. No significant events occurred in 2015.

6.4 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 6-4 summarizes the visual inspections for TAL exceedances conducted at 10 SMAs during 2015. The sample collected at PJ-SMA-14.3 on July 20, 2015, did not meet requirements for confirmation monitoring as described in Section 3.1. An additional visual inspection performed by field crews at PJ-SMA-14.3 is not included in the number for IP compliance evaluation, because the samples collected did not meet criteria for confirmation monitoring.

6.5 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. The Permittees shall conduct Site inspections once a week 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 6-5 presents the 143 remediation construction activity inspections conducted at 34 SMAs in 2015.

6.6 Sampler 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-volt 35-amp-hour 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.

Sampling equipment was activated beginning March 18, 2015, for continued confirmation monitoring and during the year to initiate confirmation monitoring after enhanced control certification. 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 began in December 2015. 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. Table 3-1 and Appendix B provide information on maximum holding times, allowed bottle types, and required preservation.

In 2015, sampling equipment was inspected on 1363 different occasions. Samplers were capable of collecting measurable discharges during 1333 inspections. In the aggregate, the sampling equipment was capable of collecting measurable discharge during 97.8% of inspections. On 30 occasions samplers were inspected and found not to be ready to collect samples. When this occurred, the days of inoperability were deduced from available information. The estimate of the loss of sampler-days of operability was made from the previous inspection if other information was not available. In 2015, 581 total days of inoperability were calculated based on this methodology. This is an increase of 91 d of inoperability compared with 2014, a reduction in 75 d of inoperability compared with 2013, and a reduction in 648 days of inoperability compared with 2012. Additionally, the sampler at PJ-SMA-14.3 was not activated for continued confirmation monitoring following the determination made on September 30, 2015, that a non-confirmation monitoring sample had been collected on July 20, 2015. The increase of sampler-days inoperability between 2014 and 2015 can be attributed to finding the sampler tipped over at inspection. Inoperability of this type is attributed primarily to wind and wildlife such as elk, deer or bear that are prevalent on the Pajarito Plateau. This category of inoperability increased 176 days, when comparing the two years. To reduce sampler inoperability of this type, the Permittees are evaluating methods of "staking down" ISCO samplers and protecting sampler intakes for 2016.

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 6-6 describes four sampler inspections when the sample collected did not meet the requirements for confirmation monitoring given in Part 1.D.3 of the Permit. The sampling equipment was operable but incapable of collecting storm water, resulting in the loss of 48 sampler-days of operability for the three SMAs combined. During the time when samplers were inoperable, no sampler-days with precipitation events exceeding 0.25 in. in 24 h occurred.
- Table 6-7 describes one sampler inspection conducted when the battery voltage was not sufficient to operate the sampling equipment, resulting in the loss of as many as 36 sampler-days of operability. During the time when the sampler was inoperable, four sampler-days with precipitation events exceeding 0.25 in. in 24 h occurred.

- Table 6-8 describes 14 sampler inspections conducted when the sampling equipment malfunctioned and required repairs, resulting in the loss of as many as 403 sampler-days of operability for the 13 SMAs combined. During the time when samplers were inoperable, 35 sampler-days with precipitation events exceeding 0.25 in. in 24 h occurred.
- Table 6-9 describes 15 sampler inspections at 9 SMAs when the sampling equipment was inoperable after it was triggered, resulting in the loss of as many as 94 sampler-days of operability for the 9 SMAs combined. During the time when samplers were inoperable, 14 sampler-days with precipitation events exceeding 0.25 in. in 24 h 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 h. Table 6-10 presents the total rainfall intensity and total daily precipitation at each active rain gage during 2015 on every day when precipitation exceeded 0.1 in. during 24 h at any rain gage.

In 2016 the Permittees will be piloting the use of radio telemetry equipment, to be installed at selected ISCO samplers, to communicate the state of operability of each sampler. Radio telemetry will identify sample collection events to support retrieval of samples meeting 40 CFR 136−required holding times.

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. When confirmation monitoring is required, samplers must be kept in a state of operability to prevent the loss of measurable discharge. Table 6-11 shows the number of rain events at each SMA exceeding total rain fall of 0.25 in. during 24 h. The table also counts the number of these precipitation events requiring discharge monitoring, along with the active/inactive status of the samplers, and the number of these precipitation events not requiring discharge monitoring. The table shows the breakdown of the 2756 sampler-days of precipitation events at each SMA exceeding total rain fall of 0.25 in. during 24 h where monitoring was required and samplers were operable. Table 6-11 also shows the breakdown of the 53 sampler-days of precipitation events at each SMA exceeding total rain fall of 0.25 in. during 24 h where monitoring was required and samplers were inoperable. During 2015, 1.9% of samplers were inoperable during precipitation events of 0.25 in. during 24 h. Figure 6-1 presents the same information as Table 6-11, showing precipitation events exceeding 0.25 in. during 24 h and the status of sampler operability and monitoring during each precipitation event.

During 2015, 10-W solar panels were installed on each ISCO sampler to maintain full battery charge. As a direct result of this process improvement, sampler downtime was decreased from 74 d at two SMAs in 2014 (LANL 2015, 600241) to 36 d at one SMA in 2015 (Table 6-7).

Decreasing the duration of time between the occurrence of a problem affecting sampler operability and the discovery of the problem is a potential area for sampling process improvement. Of the 30 events affecting sampler operability in 2015, in more than 15 cases, more than 10 d elapsed between the potential occurrence of the problem and its discovery and correction. In 2016 the Permittees will be piloting the use of radio telemetry equipment to be installed at selected ISCO samplers to communicate the state of operability of each sampler. In addition to decreasing the time to discover sampler problems, radio telemetry would also identify sample collection events and identify the beginning of sampler inoperability.

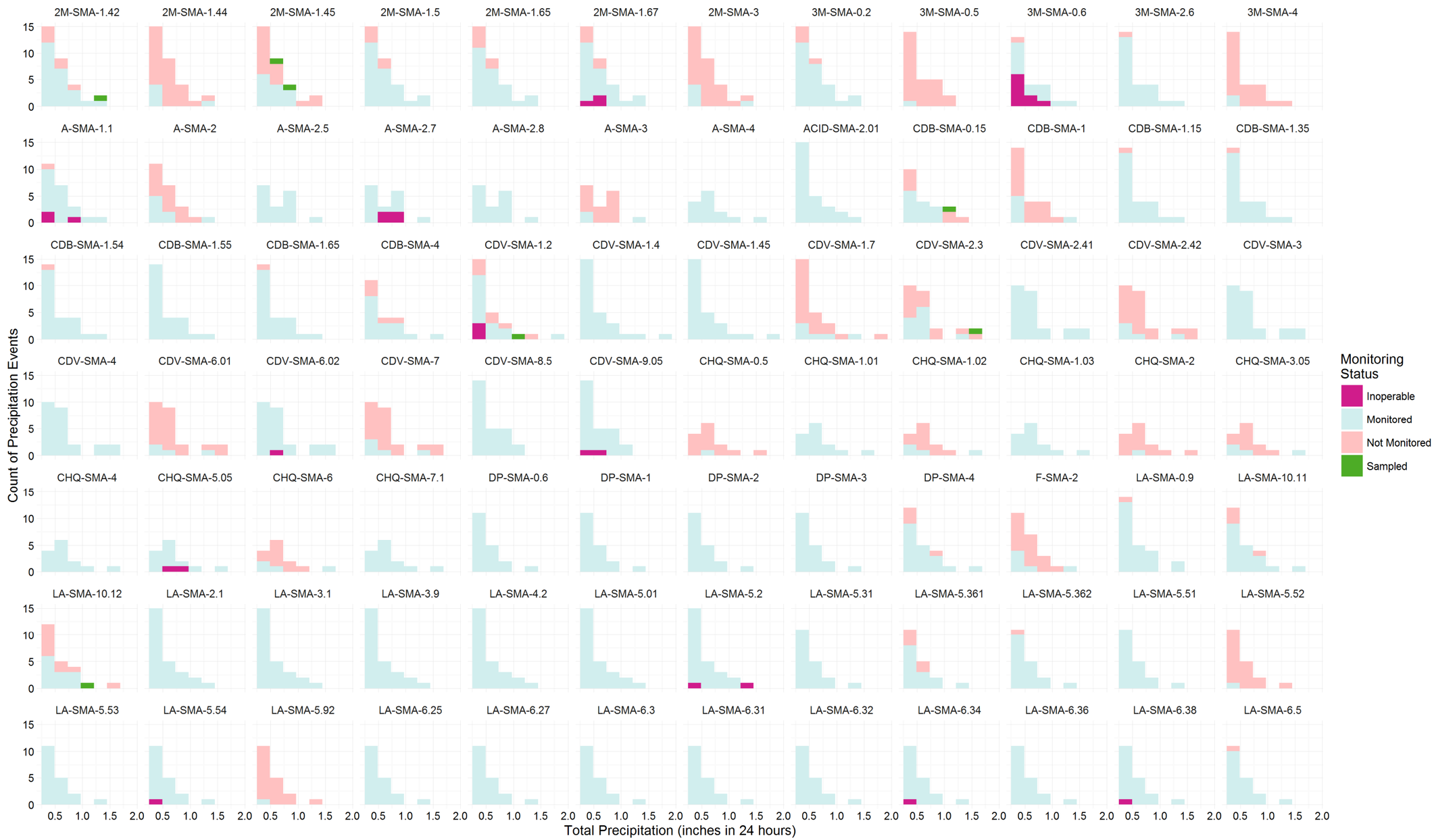


Figure 6-1 Histograms of 24-h precipitation showing monitoring status at SMAs

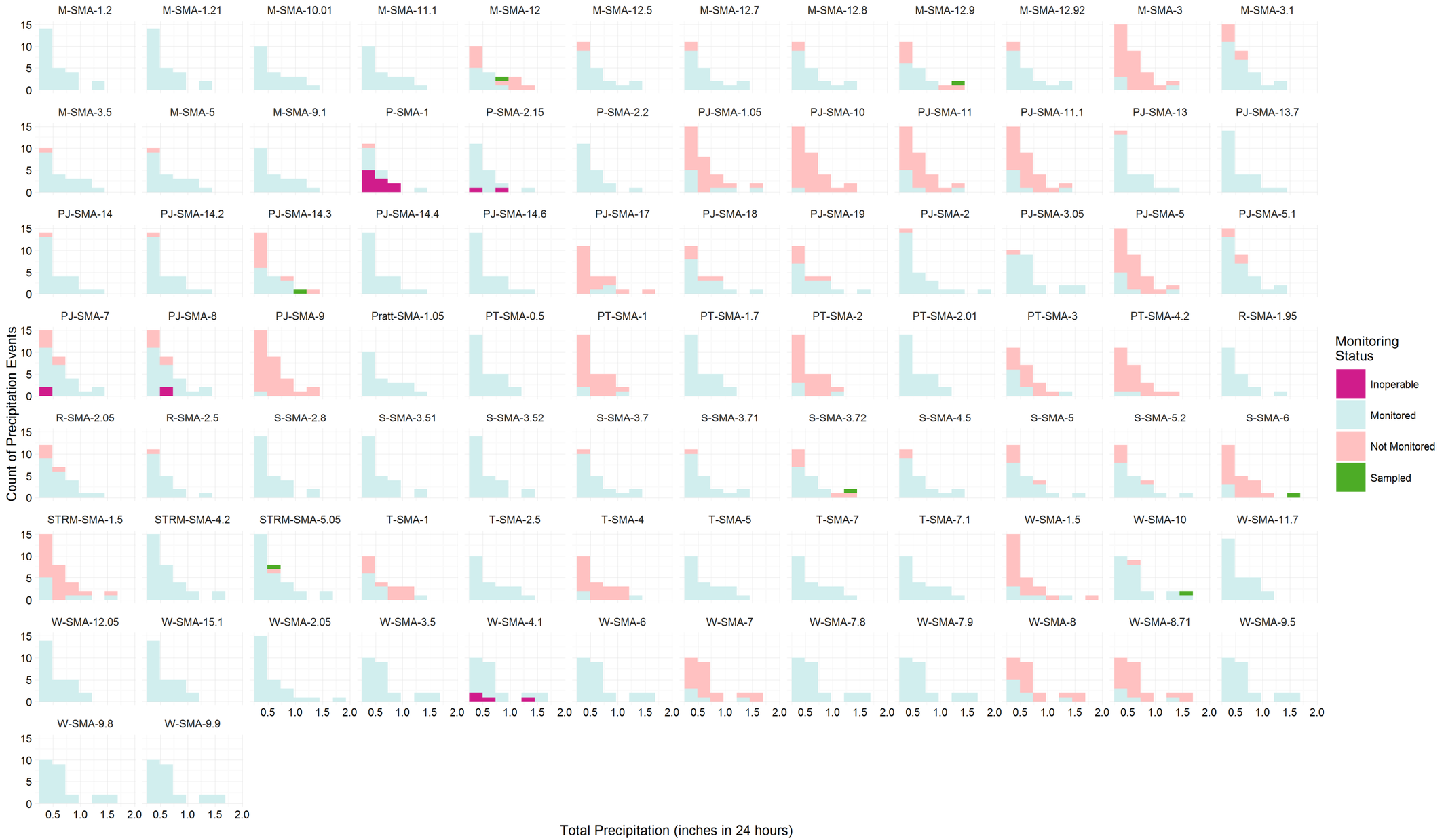


Figure 6-1 (continued) Histograms of 24-h precipitation showing monitoring status at SMAs

7.0 SUMMARY OF SDPPP CHANGES

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 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.

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 2015 annual update to the SDPPP, Revision 1, will be published by May 1, 2016. The following sections summarize the changes to the SDPPP associated with the requirements in Part I.F.3 of the Permit.

An EPA administrative order and the subsequent Permittee response are described in Section 8.6, Compliance Audit, of this report. The Permittees are addressing four EPA Administrative Order (AO) findings are addressed by making changes to the SDPPP as detailed below.

- The specific action taken in response to AO Finding 12 is to provide Table 7-1, Minor Sampler Location Adjustments, in this IP annual report and in the 2015 update to the SDPPP, Revision 1.
- The specific action taken in response to AO Finding 13 is to show any changes to the Site Description sections from the previous SDPPP in redline in the 2015 update to the SDPPP, Revision 1, Attachment 1.
- The specific action taken in response to AO Finding 14 is to continue to identify pollutants of concern in Appendix E of the SDPPP Overview as first reported in the 2014 update to the SDPPP, Revision 1.
- The specific action taken in response to AO Finding 15 is to continue to review and update the SDPPP annually as construction activities are undertaken. No ongoing construction or additional controls are being planned associated with corrective action confirmation samples; therefore, there are no necessary additions to the SDPPP to comply with this AO comment for the 2015 update to the SDPPP, Revision 1.

7.1 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. While no construction activities at LANL are known to have affected site discharges during 2015, the following non-Site releases of water impacted the following IP SMAs/Sites:

- S-SMA-0.25 / 03-013(a): A steam condensate leak at TA-3-38 became reportable on December 2, 2015. Approximately 3500 gal. of steam condensate discharged within S-SMA-0.25 near its western boundary. However, existing IP control measures prevented the discharge from reaching the SMA sampling point. No visual evidence of erosion occurred.
- CDB-SMA-4 / 54-018: Potable water was released at TA-54 Area G on October 5, 2015. Approximately 13,500 gal. of potable water was discharged from a water-line break at TA-54 Area G but did not flow to the CDB-SMA-4 sampling location. The discharged water followed an access road to the east and entered a south-draining watercourse. The flow was stopped before reaching another watercourse as it passed through the series of rock check dams. Repairs to controls were completed the week of November 9, 2015.
- LA-SMA-0.85 / 03-055(c): A discharge from the fire-suppression system at TA-3-38 occurred when a truck struck the overhead fire-suppression line on July 7, 2015. The release resulted in a discharge of 400 gal. of potable water and 75 gal. of FireFighter GL48. The released material entered a storm drain but did not appear to reach the watercourse and did not reach the SMA sampling point. No erosion was observed.
- 2M-SMA-2.2 / 03-003(k): Potable water discharged near Site 03-003(k) from a ruptured water line on March 19, 2015. Approximately 384,284 gal. of potable water was discharged. The release resulted in erosion at the corner of Building 03-2006. Water flowed past the SMA sampling point, the sampler was not active so a sample was not collected, and the SMA control measures were not damaged. The water reached Twomile canyon.
- 2M-SMA-2.2 / 03-003(k): Potable water discharged near Site 03-003(k) from a 16-in. water line on January 21, 2015. Approximately 1.036 M gal. of potable water was discharged. Water flowed past the SMA sampling point, the sampler was not active so a sample was not collected, and the SMA control measures were not damaged. The water reached Twomile canyon.

7.2 Findings of Deficiency

The Permit specifies that findings of deficiencies in control measures will be summarized in the annual report. Findings of deficiency in control measures are identified during inspections or are based on analytical monitoring results. In 2015 no deficiencies were found based on analytical monitoring results. Deficiencies in controls were identified during Permit-required inspections conducted following TAL exceedances, following storm rain events with intensity of 0.25 in. or more within 30 min, and during annual erosion reevaluation inspections. These Permit-required inspections identified the need for maintenance of existing controls or the need for additional controls on 162 different occasions. Further, on 43 occasions, field team leads or other individuals identified deficiencies in controls while performing oversight activities not directly required by the Permit. All deficiencies were corrected as soon as

practicable through control maintenance and repair conducted in 2015, with the exception of two deficiencies scheduled for completion in 2016:

- On August 25, 2015, the field team lead recommended that granular fill (e.g., pea gravel, base course) be added to all areas of Class A rock (e.g., spillways, berms, and culvert outlet protection) at F-SMA-2. Backup controls are in place. This maintenance was initially delayed at the request of the facility owner to prevent interference with ongoing operations. Onset of winter conditions continued the delay. Maintenance was completed February 12, 2016.
- On October 29, 2015, the inspector performing the annual erosion evaluation inspection recommended repairing damage to a channel with asphalt or other approved material, adding Class A rock to extend riprap areas, and applying seed and mulch over areas disturbed by repair and rock addition at LA-SMA-1. Backup controls are in place. Onset of winter conditions delayed maintenance. Maintenance is expected to be completed during spring 2016.

Details of the type and timeliness of maintenance completed during 2015 at each SMA are contained in the SDPPP.

7.3 Change of Monitoring Requirements or Compliance Status

As discussed in Section 8 of this report, Sites were categorized into eleven compliance status categories in 2015 consisting of two compliance status categories in the baseline Permit phase and nine in the corrective action permit phase. A change in the compliance status of a Site reflects movement between these compliance status categories. Section 8 of this report summarizes the compliance status of Sites and SMAs as of December 31, 2015; the Site compliance status will be included in the 2015 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.

7.4 SMA Location Change

Minor sampler relocations were made at 13 SMAs during 2015 as allowed by Part I.D.2 of the Permit. The samplers relocated in 2015 are listed in Table 7-1. The 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.

7.5 SDPPP Changes

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 2014 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 7-2 summarizes the types of changes made to each of the five volumes of the SDPPP from January 1 to December 31, 2015. These changes are tracked alongside the current version of the SDPPP and will be incorporated into the 2015 update to the SDPPP, Revision 1, to be issued by May 1, 2016.

8.0 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 three (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 five (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 Section E.3, Alternative Compliance, or Additional Sampling Requirements in Part I.E of the Permit.

Table 8-1 summarizes the significant milestones for compliance phases identified under the Individual Permit.

The Permit defines two major Permit phases: (1) baseline and (2) corrective action. SMAs and their associated Permit-defined Sites enter and leave these two Permit phases as a unit.

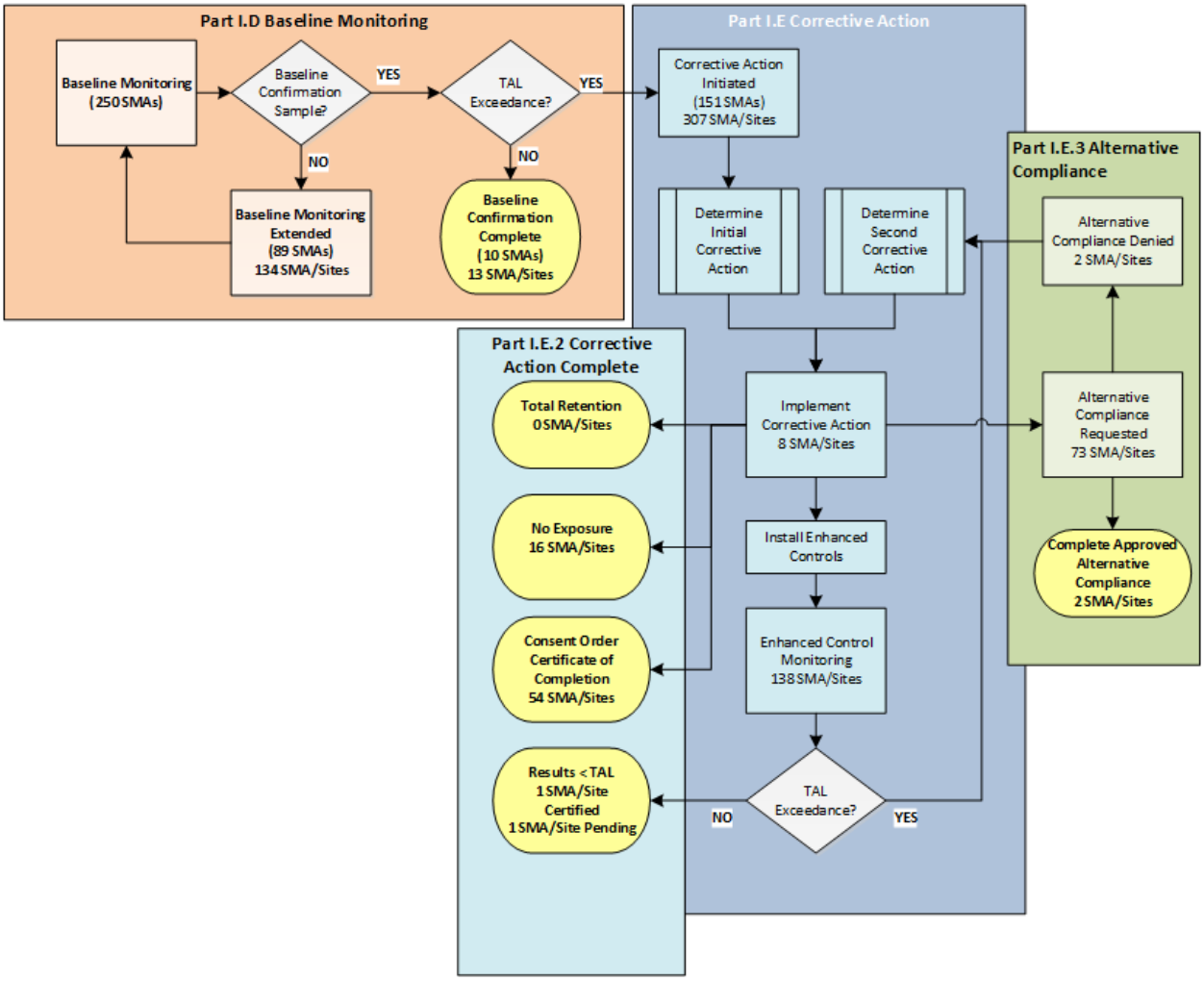
As of December 31, 2015, 99 SMAs were in the baseline Permit phase. In the baseline Permit phase, two compliance status categories exist: (1) baseline monitoring extended (MEx) and (2) baseline confirmation complete (BCComp), as described in Table 8-2.

The corrective action Permit phase is initiated, and baseline Permit phase ends, with the exceedance of a TAL in baseline confirmation monitoring conducted at a SMA. This Permit phase is denoted as CAI (corrective action is initiated after a TAL exceedance is observed during baseline monitoring) in the Stage Initiating Corrective Action column in Table 8-3. As of December 31, 2015, 9 compliance status categories can be used to describe the state of corrective action at 151 SMAs in the corrective action Permit phase, as presented in Table 8-2.

Because of the complexity of the Permit, where one Site may be contained within multiple SMAs, multiple compliance statuses may exist for one Site. Compliance status is reported by the unique Permit-defined SMA to Site relationship, referred to as the SMA/Site combination. Table 8-2 associates the baseline and corrective action Permit phase to each compliance status category. The table also provides counts of 472 unique compliance statuses active on December 31, 2015, for the 454 unique SMA/Site combinations.

8.1 Compliance Status Changes

The Permit compliance status for the 2015 annual reporting period is summarized in Table 8-2 and is shown in Figure 8-1. Table 8-3 shows the SMA/Site combination compliance status for the 454 SMA/Site combinations.



Notes: Counts of the SMAs are shown in parentheses. Counts of the compliance status categories are shown as SMA/Site combinations without parentheses.

Figure 8-1 Permit compliance status as of December 31, 2015

8.1.1 Baseline Monitoring Extended

As of December 31, 2015, 99 SMAs remain in the baseline Permit phase. These 134 SMA/Site combinations remained in extended baseline monitoring. The 134 corresponding records are coded with the compliance status MEx in Table 8-3.

- Samples from 2M-SMA-1.67 collected in 2011 indicated no TAL exceedances, but the sample collected for HE analysis was extracted beyond the 40 CFR 136−required 7-days from sample collection and, therefore, did not meet minimally acceptable quality criteria. Consequently, the results were not accepted for confirmation monitoring. Baseline monitoring continued in 2012, 2013, 2014, and 2015 and will continue at this SMA until confirmation monitoring for high explosives can be conducted.
- Samples from CDV-SMA-1.2 collected on September 13, 2013, indicated no TAL exceedances, but the sample collected for semivolatile analysis was extracted beyond the 40 CFR 136−required 7-days from sample collection and, therefore, did not meet minimally acceptable quality criteria. Consequently, the results were not accepted for confirmation monitoring. Because of an administrative error, baseline confirmation monitoring was not attempted in 2014. A baseline confirmation monitoring sample was collected and analyzed in 2015. No TAL exceedances were observed, and quality criteria were acceptable for confirmation monitoring. Baseline monitoring is complete at CDV-SMA-1.2.

8.1.2 Baseline Confirmation Complete

Analytical results for the confirmation monitoring sample collected at CDV-SMA-1.2 on August 2, 2015, were all less than TALs. As of December 31, 2015, baseline confirmation is complete at 13 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. No further sampling is required for the Sites within the applicable SMAs for the remaining period of the Permit. These 13 SMA/Site combinations are coded with the compliance status BCComp in Table 8-3.

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 Section E.4 below shall be extended for a one- (1-) yr period following the first successful confirmation sampling event.

8.1.3 Corrective Action Initiated

Corrective action is initiated as a result of a TAL exceedance during baseline confirmation monitoring. As of December 31, 2015, corrective action had been initiated at 307 SMA/Site combinations. These 307 records are coded with CAI in the Stage Initiating Corrective Action column in Table 8-3.

8.1.4 Description of Corrective Actions Planned

As of December 31, 2015, corrective action is being planned following receipt of analytical results exceeding a TAL at seventeen SMA/Site combinations. At eight SMA/Site combinations, corrective action has been initiated with the receipt of an analytical result greater than TAL at two samples collected at least 15 d apart, and the Permittees are in the planning phase to determine the appropriate corrective

action. At nine other SMA/Site combinations, the first of two corrective action monitoring samples has been collected. Corrective action monitoring is continuing in order to collect a second confirmation monitoring sample, but results received from the first sample are greater than at least one TAL. Each of the 17 corresponding records are coded with the compliance status S6B in Table 8-3. The planned corrective action for each of the SMA/Site combinations is to request alternative compliance as listed in Table 8-4.

8.1.5 Enhanced Control Monitoring

Enhanced controls at 138 SMA/Site combinations have been effective in preventing additional TAL exceedances. Enhanced control monitoring will continue at these SMAs until a minimum of two confirmation monitoring samples have been collected. In Table 8-3, the 138 corresponding records are coded with the compliance status CAM or CAM2, and in the Completion of Enhanced Control Monitoring column, they are designated as In Process.

8.1.6 Corrective Action Complete

As of December 31, 2015, corrective action was completed at 71 SMA/Site combinations and completion was pending at one SMA/Site combination.

- One SMA/Site combination, 2M-SMA-1.45/06-006, is coded with the compliance status CACompA, in Table 8-3, indicating corrective action is complete with all analytical results below TALs.
- One SMA/Site combination, LA-SMA-10.12/53-008, is coded with the compliance status CACompA and the corrective action certification Pending in Table 8-3, indicating certification of corrective action with all analytical results below TALs is pending.
- Sixteen of these records are coded with the compliance status CACompC in Table 8-3, indicating corrective action is complete with a certification of no exposure.
- Fifty-four of these records are coded with the compliance status CACompD in Table 8-3, indicating corrective action is complete with a certificate of completion under NMED's Consent Order. The date corrective action was certified as complete is provided in the Completion of Corrective Action column.

8.1.7 Alternative Compliance Requested

When the Permittees are unable to certify completion of corrective action under Part I.E.2(a) though (d) of the Permit, individually or collectively, Part I.E.3 allows them to file a written request for alternative compliance with the EPA at least 6 mo before the applicable deadlines to complete corrective action. The 72 SMA/Site combinations where alternative compliance has been requested are coded with the compliance status AltCompR in Table 8-3. A 73rd SMA/Site combination, PJ-SMA-4.05 / 09-005(g), is included in the table although not currently permitted, as discussed in Section 9.0.

- On April 21, 2014, the Permittees submitted a request for alternative compliance (LANL 2014, 255539) for Site 50-006(d) monitored at M-SMA-7.9 (LANL 2014, 255538). A response to written public comments on the alternative compliance request was completed on November 25, 2014 (LANL 2014, 600041). Based on public comments, the Permittees requested that EPA delay its response to the alternative compliance request for M-SMA-7.9 until the Permittees can deploy, collect, and analyze paired run-on/runoff storm water samples for Site 50-006(d). Once a minimum of two sets of run-on/runoff paired storm water samples is collected and analyzed, the

Permittees will prepare and submit an addendum to the M-SMA-7.9 alternative compliance request to EPA. The Permittees are currently evaluating the storm water data pairs collected for M-SMA-7.9 to determine if two complete sets of paired samples were collected.

- On May 6, 2015, the Permittees submitted a request for alternative compliance (LANL 2015, 600417) for 52 SMA/Site combinations exceeding TALs from nonpoint sources (LANL 2015, 600418) and for 19 SMA/Site combinations exceeding TALs for gross-alpha radioactivity (LANL 2015, 600419). No public comments were received. A response from EPA has not been received.

Table 8-3 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 requests to remove these Sites from the Permit have been submitted. No approvals of alternative compliance were received in 2015.

8.1.8 Force Majeure Extension Requested

The Permittees have requested the 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), the 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." On or before October 31, 2015, the Permittees must certify completion of corrective action under Part I.E.2 of the Individual Permit for Sites for which storm water samples have exceeded TALs. As of December 31, 2015, extensions to deadlines for force majeure conditions have been requested at 26 SMA/Site combinations, and requests are active at the 25 SMA Site combinations coded with the compliance status FMCOC in Table 8-3.

- A request for extension based on force majeure was submitted on September 23, 2013, for five Sites in Upper Sandia Canyon (LANL 2013, 250039) and Site 50-006(a) in T-SMA-1 in Upper Mortandad Canyon (LANL 2013, 250038).
- A request for extension based on force majeure was submitted for 19 SMA/Site combinations on October 30, 2015 (LANL 2015, 600979). This request incorporated requests to extend the deadlines for certificates of completion at 18 Sites in 10 SMAs specified in the 2005 Compliance Order on Consent; a response from NMED is still pending.
- A request for extension based on force majeure was requested at Site 03-0052(f) within S-SMA-0.25 on September 10, 2015, (LANL 2015, 600910). On August 27, 2013, the Permittees submitted to NMED the Supplemental Investigation Report for Upper Sandia Canyon Aggregate Area (LANL 2013, 249068) and recommended Site 030-52(f) for corrective action complete status. NMED issued a notice of disapproval with comments on April 14, 2015. NMED's comments will not affect the original conclusions and recommendations for Site 03-052(f). However, the Permittees cannot certify completion of corrective action under the Individual Permit until a certificate of completion has been received from NMED. The certificate of completion request for Site 03-052(f) has been delayed pending NMED's approval of the supplemental investigation report.

8.1.9 Site Deletion Requested

A request to delete six Sites within six SMAs from the Individual Permit pursuant to Part 1.I.2 as a minor permit modification was made on October 14, 2015 (LANL 2015, 600952). On May 19, 2015, and May 28, 2015, personnel from LANS/DOE and NMED met to discuss deletion of 27 Sites from the

Individual Permit. Consensus was reached that deletion of six Sites from the Individual Permit was appropriate. Upon approval of the request, Sites 00-011(c), C-00-020, 16-030(c), 35-016(m), C-46-001, and 35-004(h) will no longer be regulated under the Individual Permit.

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 Individual Permit covers only storm water discharges from RCRA corrective action units (i.e., SWMUs and AOCs). The four Sites are hazardous waste management units that are subject to RCRA closure requirements. 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.

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.

8.2 24-h and 30-d Analytical Reporting

Part II.B of the Permit requires that exceedances of MTALs for any applicable pollutants be reported to EPA Region 6 and NMED─Storm Water Quality Bureau (NMED-SWQB) within 24 h from the time the Permittees become aware of the exceedance. In 2015, EPA Region 6 and the NMED-SWQB were notified of each MTAL exceedance listed in Table 3-6.

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 d of receipt of results.

- The first sampling results from samples collected at 2M-SMA-1.42, LA-SMA-10.12, STRM-SMA-5.05, and W-SMA-10 were submitted to EPA on October 16, 2015 (LANL 2015, 600956).
- The first sampling results from samples collected at 2M-SMA-1.45 were submitted to EPA on October 14, 2015 (LANL 2015, 600950).
- The first sampling results from samples collected at S-SMA-6 were submitted to EPA on December 17, 2015 (LANL 2015, 601056).

8.3 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 http://www.lanl.gov/community-environment/environmental-stewardship/protection/compliance/individual-permit-stormwater/index.php. Alternatively, the individual web pages can be accessed from the Laboratory's public home page by searching on the term "Individual Permit."

In 2015, the following documents were added to the Individual Permit web page on the Laboratory's public website.

- Five 2014 updates to the Revision 1 volumes of the SDPPP are available from the Site Discharge Pollution Prevention Plan (SDPPP) drop-down list.
- Current maps for each SMA showing information, including surface hydrological features, locations of Sites, sampler control measures, and roads and structures, are available from the Site Monitoring Area Maps drop-down list.
- Previous years' annual reports, compliance status reports, performance and sediment monitoring reports, and TAL exceedance reports are available from the Reports drop-down list.
- Certificates of completion of enhanced and baseline controls installed for the Individual Permit are available from the Construction Certifications drop-down list.
- Documents certifying completion of corrective action are available from the Corrective Action drop-down list.
- Documents related to requests for alternative compliance are available from the Alternative Compliance drop-down list.
- Reports related to the Individual Permit providing force majeure requests and notifications, general interest, and background information are provided from the Miscellaneous EPA Submittals and Public Meeting drop-down lists.
- Documents supporting the Individual Permit storm water permit renewal application are available from the Renewal Application drop-down list.

8.4 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 from each Individual Permit web page.

8.5 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 2015 a public meeting was held on April 28. The agenda for this meeting is available at the Individual Permit Public Meetings page. A second meeting was held on December 9. The requirements of Part I.I.7(c) to publish public notice and send an email notification to members of the registered public were not met. Additional information of the non-compliance are provided in Section 9.0.

8.6 Compliance Audit

On behalf of the EPA, NMED conducted an NPDES CEI from August 25 to 28, 2014, and on September 12, 2014. Findings from the inspection were published November 24, 2014 (NMED 2014, 601205). LANS responded to the 2014 NMED CEI indicating that the unique and complex nature of the Permit led to differences of interpretation that resulted in the findings (LANL 2015, 601206). Subsequently, on June 9, 2015, EPA issued an AO to the Permittees for violations of the Clean Water Act (EPA 2015, 600508).The Permittees provided a response to the AO on July 22, 2015 (LANL 2015, 600576). No further action regarding the AO has been taken by EPA. Permittees will continue their

commitment to work closely with EPA and NMED on execution of Permit requirements, while keeping the public involved in all aspects of the program.

8.7 Permit Renewal Application

On March 27, 2014, the Permittees submitted a renewal application for the NPDES Individual Permit. Three categories of changes are proposed in the draft Permit: (1) substantive changes to reflect substantial new information from investigations and analysis conducted under the Consent Order and Individual Permit storm water collection; (2) organizational changes to clarify, improve, and facilitate understanding of requirements of the Individual Permit; and (3) nonsubstantive changes and correction of minor typographical errors. Supplemental information for the Permit renewal application was submitted on February 10, 2015 (LANL 2015, 600289).

The EPA submitted the draft permit for public comment on March 17, 2015. The modified permit has been administratively continued to authorize discharges of storm water runoff from SWMUs and AOCs on LANL property. The EPA hosted a public meeting on May 6, 2015, in Los Alamos to discuss the status of the renewal application request. LANS provided comments on the draft permit on June 25, 2015 (LANL 2015, 600827). NMED submitted the State Certification of the Individual Permit (NM0030759) on July 21, 2015 (NMED 2015, 601209). LANS provided a Response to the State Certification of the Individual Permit to EPA and NMED on October 15, 2015 (LANL 2015, 601055).

9.0 IDENTIFICATION OF NON-COMPLIANCE

A non-compliance is identified as a required inspection or activity that was not performed or was not performed within Permit-defined time frames.

The facility's PPT is required by the Permit, Part I.G.2, to inspect control measures and storm water management devices within 15 calendar days at any Site affected by a storm rain event with intensity greater than or equal to 0.25 in. within 30 min. In 2015, nine post-storm inspections of control measures and storm water management devices were conducted on the 16th day, outside the required 15 d of the triggering storm rain event (inspections were conducted on day 16 in all nine instances). Following these deviating events, the Permittees instituted a business practice change to add a buffer day by making the inspection target date for completion 14 d from the rain date instead of 15 d.

The Permittees are required under Part I.I.7(c) to publish public notice and send an email notification to members of the public registered to receive notices of public meetings. The required notifications were not submitted for the public meeting held on December 9, 2015. However, communication with regulators and local activist community was made by telephone and direct emails. The attendance during this public meeting was the largest of any of the prior nine biannual meetings. The Permittees have clarified PPT roles and responsibilities such that required notifications for future meetings will meet the written requirements of Part I.I.7(c). The PPT roles and responsibilities are outlined in Table 2 and Section 2.0 of the SDPPP Overview (LANL 2015, 600388).

The Permittees are required under Part I.E.2(c) to provide sampling results within 30 d of receipt of analytical results from the first measurable storm event after certification of installation of enhanced control measures. Two letters certifying analytical results at four SMAs following the first measurable storm event after certification of enhanced controls were submitted more than 30 d after receipt of analytical results. To address this issue, the Permittees have instituted an electronic notification system

for the parties responsible for letter preparation, notifying them when analytical results require submission within 30 d of receipt.

- Analytical results collected at 2M-SMA-1.42 on July 20 from the first sample after installation of enhanced controls were received on August 25. The October 16 submittal (LANL 2015, 600956) was beyond the required 30 d from receipt of analytical data.
- Analytical results collected at LA-SMA-10.12 on July 20 from the second sample after installation of enhanced controls were received on August 25. The October 16 submittal (LANL 2015, 600956) was not required for this second sample collected after installation of enhanced controls.
- Analytical results collected at STRM-SMA-5.05 on August 2 from the first sample after installation of enhanced controls were received on September 8. The October 16 submittal (LANL 2015, 600956) was beyond the required 30 d from receipt of analytical data.
- Analytical results collected at W-SMA-10 on August 1 from the first sample after installation of enhanced controls were received on September 8. The October 16 submittal (LANL 2015, 600956) was beyond the required 30 d from receipt of analytical data.
- Analytical results collected at 2M-SMA-1.45 on July 7 from the first sample after installation of enhanced controls were received on August 11. The October 14 submittal (LANL 2015, 600950) was beyond the required 30 d from receipt of analytical data.

10.0 REQUESTS FOR EPA APPROVAL

Two requests for alternative compliance were made to EPA as described in Section 8.1.7. Three requests for Site deletion were made to EPA as described in Section 8.1.9. Two requests for force majeure extension were made to EPA as described in Section 8.1.8.

Part I.H.2(j) of the Permit provide 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 identified six administrative errors within the SMAs and Sites in the Permit. Notification of these errors is made here and in the annual SDPPP updates. Tables 1-2 and 2-3 of the 2015 SDPPP annual update have been modified to reflect these corrections, including the following:

- 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 x 4-ft-long x 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 which

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 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.

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Table 1-1
Individual Permit Annual Report Requirements

Part I Requirement		Annual Report Section
Part	**Description**	
H.2 (a)	For each SMA (or Site), a summary of the Site-specific compliance status during the reporting period.	8.1, Compliance Status Changes Table 8-3, Site-Specific Compliance Status
H.2 (b)	Listing of SMA and associated Outfall and Site(s) numbers/identification.	1.0, Introduction Table 1-2, Permitted Features, SMAs, and Sites
H.2 (c)	Monitoring results available during the reporting period.	3.3, Confirmation Monitoring Analytical Results Appendix B, Analytical Monitoring Results
H.2 (d)	Identification of pollutants which exceed applicable MTAL or ATAL.	3.3, Confirmation Monitoring Analytical Results Table 3-6, Summary of Confirmatory 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, Control Measures
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.	4.0, Corrective Actions Activities Table 8-3, Site-Specific Compliance Status Table 8-4, Summary of Site Corrective Actions Planned
H.2 (g)	Identification of Sites that meet No Exposure status.	4.3, No Exposure Table 4-4, Cumulative List of Individual Permit Sites Certified Corrective Action Complete with 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.	4.4, Certificate of Completion under NMED’s Consent Order
H.2 (i)	Highlights of any change of compliance status from the annual report.	8.1, 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
H.2 (k)	Summary of inspections performed in accordance with Individual Permit Section G.1 and 2 above, as well as for any visual inspections performed under Section E.1.	6.0, Summary of Inspections Table 6-2, Summary of Post-Storm Inspections Table 6-3, Summary of Annual Erosion Evaluation Inspections Table 6-4, Summary of Visual Inspections for TAL Exceedances Table 6-5, Summary of Remediation Construction Activity Inspections
E.5 (c)	Summary of any actions taken under paragraph E.5(c) of the Permit.	7.0, Summary of SDPPP Changes

Table 1-1 (continued)

Part I Requirement		Annual Report Section
Part	**Description**	
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.	7.0, Summary of SDPPP Changes
F.3(a)	A summary of 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;	7.1, Activities Impacting Discharge
F.3(b)	A summary of findings of deficiencies in control measures during inspection or based on analytical monitoring results;	7.2, Findings of Deficiency
F.3(c)	A summary of change(s) of monitoring requirement or compliance status;	7.3, Change of Monitoring Requirements or Compliance Status
F.3(d)	A summary of change(s) of SMA location; and	7.4, SMA Location Change
F.3(e)	A summary of changes from the last year's SDPPP.	7.5, SDPPP Changes
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 non-compliance with permit conditions.	9.0, Identification of Non-Compliance
Not specified	The report will include discussion of sampler inoperability and results of process improvements affecting sampler operability during the year.	6.6, Sampler Inspections
Not specified	The report will include explanations of every compliance status change made in 2015.	8.1, Compliance Status Changes Table 8-2, Summary of Individual Permit Compliance Status Table 8-3, 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.	6.6, Sampler Inspections Figure 6-1, Histograms of 24-hr precipitation showing monitoring status at SMAs Table 6-11, Stormwater Monitoring and Sampler Operability Status during Precipitation Events Exceeding 0.25 in. in 24 h

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.	7.4, SMA Location Change Table 7-1, Minor Sampler Location Adjustments

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
		RG-NCOM	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)
		RG038	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)
		RG055.5	P002	ACID-SMA-2	01-002(b)-00
					45-001
					45-002
					45-004
		RG055.5	P002A	ACID-SMA-2.01	00-030(f)
		RG055.5	P003	ACID-SMA-2.1	01-002(b)-00
		RG-TA-53	P004	P-SMA-0.3	00-018(b)
		RG038	P005	P-SMA-1	73-001(a)
					73-004(d)
		RG038	P006	P-SMA-2	73-002
					73-006
		RG038	P007	P-SMA-2.15	31-001
		RG038	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)
		RG121.9	L002	LA-SMA-0.9	00-017
					C-00-044
		RG121.9	L003	LA-SMA-1	C-00-044
					00-017
		RG121.9	L004	LA-SMA-1.1	43-001(b2)
		RG121.9	L005	LA-SMA-1.25	C-43-001

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Los Alamos/Pueblo	Los Alamos Canyon	RG055.5	L006	LA-SMA-2.1	01-001(f)
		RG055.5	L007	LA-SMA-2.3	01-001(b)
		RG055.5	L008	LA-SMA-3.1	01-001(e)
					01-003(a)
		RG055.5	L009	LA-SMA-3.9	01-001(g)
					01-006(a)
		RG055.5	L010	LA-SMA-4.1	01-003(b)
					01-006(b)
		RG055.5	L011	LA-SMA-4.2	01-001(c)
					01-006(c)
					01-006(d)
		RG055.5	L012	LA-SMA-5.01	01-001(d)
					01-006(h)
		RG055.5	L012A	LA-SMA-5.02	01-003(e)
		RG055.5	L013	LA-SMA-5.2	01-003(d)
		RG038	L015	LA-SMA-5.31	C-41-004
		RG038	L016	LA-SMA-5.33	41-002(c)
		RG055.5	L014	LA-SMA-5.35	32-004
		RG038	L017	LA-SMA-5.361	32-002(b1)
					32-002(b2)
		RG038	L017A	LA-SMA-5.362	32-003
		RG038	L018	LA-SMA-5.51	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)
		RG038	L018A	LA-SMA-5.52	02-003(b)
					02-007
					02-008(c)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Los Alamos/Pueblo	Los Alamos Canyon	RG038	L018B	LA-SMA-5.53	02-009(a)
		RG038	L018C	LA-SMA-5.54	02-009(c)
		RG038	L019	LA-SMA-5.91	21-009
					21-021
					21-023(c)
					21-027(d)
		RG038	L019A	LA-SMA-5.92	21-013(b)
					21-013(g)
					21-018(a)
					21-021
		RG038	L020	LA-SMA-6.25	21-021
					21-024(d)
					21-027(c)
		RG038	L021	LA-SMA-6.27	21-021
					21-027(c)
		RG038	L022	LA-SMA-6.3	21-006(b)
		RG038	L022A	LA-SMA-6.31	21-027(a)
		RG038	L023	LA-SMA-6.32	21-021
		RG038	L024	LA-SMA-6.34	21-021
					21-022(h)
		RG038	L025	LA-SMA-6.36	21-021
					21-024(a)
		RG038	L026	LA-SMA-6.38	21-021
					21-024(c)
		RG038	L027	LA-SMA-6.395	21-021
					21-024(j)
		RG038	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
		RG-TA-53	L030	LA-SMA-10.11	53-002(a)
		RG-TA-53	L030A	LA-SMA-10.12	53-008
	DP Canyon	RG038	D001	DP-SMA-0.3	21-029
		RG038	D002	DP-SMA-0.4	21-021
		RG038	D003	DP-SMA-0.6	21-021
					21-024(l)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Los Alamos/Pueblo	DP Canyon	RG038	D004	DP-SMA-1	21-011(k)
					21-021
		RG038	D005	DP-SMA-2	21-021
					21-024(h)
		RG038	D006	DP-SMA-2.35	21-021
					21-024(n)
		RG038	D007	DP-SMA-3	21-013(c)
					21-021
		RG-TA-53	D008	DP-SMA-4	21-021
Sandia	Sandia Canyon	RG121.9	S001	S-SMA-0.25	03-013(a)
					03-052(f)
		RG121.9	S002	S-SMA-1.1	03-029
		RG121.9	S003	S-SMA-2	03-012(b)
					03-045(b)
					03-045(c)
					03-056(c)
		RG121.9	S003A	S-SMA-2.01	03-052(b)
		RG121.9	S004	S-SMA-2.8	03-014(c2)
		RG121.9	S005	S-SMA-3.51	03-009(i)
		RG121.9	S005A	S-SMA-3.52	03-021
		RG121.9	S005B	S-SMA-3.53	03-014(b2)
		RG121.9	S006	S-SMA-3.6	60-007(b)
		RG203	S007	S-SMA-3.7	53-012(e)
		RG203	S008	S-SMA-3.71	53-001(a)
		RG203	S009	S-SMA-3.72	53-001(b)
		RG203	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)
		RG-TA-53	S014	S-SMA-5.2	20-003(c)
		RG-TA-53	S015	S-SMA-5.5	20-005
		RG-TA-53	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)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Mortandad	Cañada del Buey	RG245.5	C003	CDB-SMA-0.55	46-004(g)
					46-004(m)
					46-004(s)
					46-006(f)
		RG245.5	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
		RG245.5	C005	CDB-SMA-1.15	46-004(b)
					46-004(y)
					46-004(z)
					46-006(d)
		RG245.5	C006	CDB-SMA-1.35	46-004(a2)
					46-004(u)
					46-004(v)
					46-004(x)
					46-006(d)
					46-008(f)
		RG245.5	C007	CDB-SMA-1.54	46-004(h)
					46-004(q)
					46-006(d)
		RG245.5	C008	CDB-SMA-1.55	46-003(e)
		RG245.5	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)
		RG121.9	M002	M-SMA-1.2	03-049(a)
		RG121.9	M002A	M-SMA-1.21	03-049(e)
		RG121.9	M002B	M-SMA-1.22	03-045(h)
		RG-TA-06	M003	M-SMA-3	48-001
					48-005
					48-007(c)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Mortandad	Mortandad Canyon	RG-TA-06	M004	M-SMA-3.1	48-001
					48-007(b)
		RG200.5	M005	M-SMA-3.5	48-001
					48-003
		RG200.5	M006	M-SMA-4	48-001
					48-005
					48-007(a)
					48-007(d)
					48-010
		RG200.5	M007	M-SMA-5	42-001(a)
					42-001(b)
					42-001(c)
					42-002(a)
					42-002(b)
		RG200.5	M008	M-SMA-6	35-016(h)
		RG200.5	M009	M-SMA-7	35-016(g)
		RG200.5	M010	M-SMA-7.9	50-006(d)
		RG200.5	M011	M-SMA-9.1	35-016(f)
		RG200.5	M012	M-SMA-10	35-008
					35-014(e)
		RG200.5	M012A	M-SMA-10.01	35-016(e)
		RG200.5	M013	M-SMA-10.3	35-014(e2)
					35-016(i)
		RG200.5	M014	M-SMA-11.1	35-016(o)
		RG200.5	M015	M-SMA-12	35-016(p)
		RG203	M016	M-SMA-12.5	05-005(b)
					05-006(c)
		RG203	M017	M-SMA-12.6	05-004
		RG203	M018	M-SMA-12.7	05-002
					05-005(a)
					05-006(b)
					05-006(e)
		RG203	M019	M-SMA-12.8	05-001(a)
					05-002
		RG203	M020	M-SMA-12.9	05-001(b)
					05-002
		RG203	M021	M-SMA-12.92	00-001
		RG203	M022	M-SMA-13	05-001(c)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Mortandad	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)
		RG200.5	T002	T-SMA-1	50-006(a)
					50-009
		RG200.5	T003	T-SMA-2.5	35-014(g3)
		RG200.5	T004	T-SMA-2.85	35-014(g)
					35-016(n)
		RG200.5	T005	T-SMA-3	35-016(b)
		RG200.5	T006	T-SMA-4	35-004(a)
					35-009(a)
					35-016(c)
					35-016(d)
		RG200.5	T007	T-SMA-5	35-004(a)
					35-009(a)
					35-016(a)
					35-016(q)
		RG200.5	T008	T-SMA-6.8	35-010(e)
		RG200.5	T009	T-SMA-7	04-003(b)
		RG200.5	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)
		RG-TA-06	E003	2M-SMA-1.43	22-014(a)
					22-015(a)
		RG-TA-06	E004	2M-SMA-1.44	06-001(b)
		RG-TA-06	E005	2M-SMA-1.45	06-006
		RG-TA-06	E006	2M-SMA-1.5	22-014(b)
		RG-TA-06	E007	2M-SMA-1.65	40-005
		RG-TA-06	E008	2M-SMA-1.67	06-003(h)
		RG-TA-06	E009	2M-SMA-1.7	03-055(a)
		RG-TA-06	E010	2M-SMA-1.8	03-001(k)
		RG121.9	E011	2M-SMA-1.9	03-003(a)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Pajarito	Twomile Canyon	RG121.9	E012	2M-SMA-2	03-050(d)
					03-054(b)
		RG121.9	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)
		RG-TA-06	E015	2M-SMA-2.5	40-001(c)
	Threemile Canyon	RG-TA-06	H001	3M-SMA-0.2	15-010(b)
		RG262.4	H002	3M-SMA-0.4	15-006(b)
		RG262.4	H003	3M-SMA-0.5	15-006(c)
					15-009(c)
		RG245.5	H004	3M-SMA-0.6	15-008(b)
		RG245.5	H005	3M-SMA-2.6	36-008
					C-36-003
		RG245.5	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)
		RG257	J004	PJ-SMA-4.05	09-004(g)
					09-005(g)
		RG-TA-06	J005	PJ-SMA-5	22-015(c)
		RG-TA-06	J006	PJ-SMA-5.1	22-010(b)
					22-016
		RG-TA-06	J007	PJ-SMA-6	40-010
		RG-TA-06	J008	PJ-SMA-7	40-006(c)
		RG-TA-06	J009	PJ-SMA-8	40-006(b)
		RG-TA-06	J010	PJ-SMA-9	40-009
		RG-TA-06	J012	PJ-SMA-10	40-006(a)
		RG-TA-06	J013	PJ-SMA-11	40-003(a)
		RG-TA-06	J014	PJ-SMA-11.1	40-003(b)
		RG245.5	J015	PJ-SMA-13	18-002(a)
		RG245.5	J016	PJ-SMA-13.7	18-010(b)
		RG245.5	J017	PJ-SMA-14	54-004
		RG245.5	J018	PJ-SMA-14.2	18-012(b)
		RG245.5	J019	PJ-SMA-14.3	18-003(e)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Pajarito	Pajarito Canyon	RG245.5	J020	PJ-SMA-14.4	18-010(d)
		RG245.5	J021	PJ-SMA-14.6	18-010(e)
		RG245.5	J022	PJ-SMA-14.8	18-012(a)
		RG-TA-54	J023	PJ-SMA-16	27-002
		RG-TA-54	J024	PJ-SMA-17	54-018
		RG-TA-54	J026	PJ-SMA-18	54-014(d)
					54-017
		RG-TA-54	J025	PJ-SMA-19	54-013(b)
					54-017
					54-020
		RG-TA-54	J027	PJ-SMA-20	54-017
		RG240	J028	STRM-SMA-1.05	08-009(f)
		RG240	J029	STRM-SMA-1.5	08-009(d)
		RG240	J030	STRM-SMA-4.2	09-008(b)
		RG240	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)
		RG253	V002	CDV-SMA-1.3	16-017(a)-99
					16-026(m)
		RG253	V003	CDV-SMA-1.4	16-020
					16-026(l)
					16-028(c)
					16-030(c)
		RG253	V004	CDV-SMA-1.45	16-026(i)
		RG253	V005	CDV-SMA-1.7	16-019
		RG257	V006	CDV-SMA-2	16-021(c)
		RG257	V007	CDV-SMA-2.3	13-001
					13-002
					16-003(n)
					16-003(o)
					16-029(h)
					16-031(h)
		RG257	V008	CDV-SMA-2.41	16-018
		RG257	V008A	CDV-SMA-2.42	16-010(b)
		RG257	V009	CDV-SMA-2.5	16-010(c)
					16-010(d)
					16-028(a)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Water/ Cañon de Valle	Cañon de Valle	RG257	V009A	CDV-SMA-2.51	16-010(i)
		RG257	V010	CDV-SMA-3	14-009
		RG257	V011	CDV-SMA-4	14-010
		RG257	V012	CDV-SMA-6.01	14-001(g)
					14-006
		RG257	V012A	CDV-SMA-6.02	14-002(c)
					14-002(d)
					14-002(e)
		RG257	V013	CDV-SMA-7	15-008(d)
		RG262.4	V014	CDV-SMA-8	15-011(c)
		RG262.4	V015	CDV-SMA-8.5	15-014(a)
		RG262.4	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
		RG262.4	I002	PT-SMA-1	15-004(f)
					15-008(a)
		RG262.4	I003	PT-SMA-1.7	15-006(a)
		RG262.4	I004	PT-SMA-2	15-008(f)
					36-003(b)
					36-004(e)
		RG262.4	I004A	PT-SMA-2.01	C-36-001
					C-36-006(e)
		RG267.4	I005	PT-SMA-3	36-004(a)
					36-006
		RG267.4	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)
		RG253	W002	W-SMA-1.5	16-026(b2)
					16-028(d)
		RG253	W003	W-SMA-2.05	16-028(e)
		RG257	W004	W-SMA-3.5	16-026(y)
		RG257	W005	W-SMA-4.1	16-003(a)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Water/ Cañon de Valle	Water Canyon	RG257	W006	W-SMA-5	16-001(e)
					16-003(f)
					16-026(b)
					16-026(c)
					16-026(d)
					16-026(e)
		RG257	W007	W-SMA-6	11-001(c)
		RG257	W008	W-SMA-7	16-026(h2)
					16-029(e)
		RG257	W009	W-SMA-7.8	16-031(a)
		RG257	W010	W-SMA-7.9	16-006(c)
		RG257	W011	W-SMA-8	16-016(g)
					16-028(b)
		RG257	W012	W-SMA-8.7	13-001
					13-002
					16-004(a)
					16-026(j2)
					16-029(h)
					16-035
		RG257	W012A	W-SMA-8.71	16-004(c)
		RG257	W013	W-SMA-9.05	16-030(g)
		RG257	W014	W-SMA-9.5	11-012(c)
		RG257	W015	W-SMA-9.7	11-011(a)
					11-011(b)
		RG257	W016	W-SMA-9.8	11-005(c)
		RG257	W017	W-SMA-9.9	11-006(b)
		RG257	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)
		RG262.4	W020	W-SMA-12.05	49-001(g)
		RG262.4	W021	W-SMA-14.1	15-004(h)
					15-014(l)
		RG262.4	W022	W-SMA-15.1	49-005(a)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Ancho	Ancho Canyon	RG267.4	A001	A-SMA-1.1	39-004(a)
					39-004(d)
		RG267.4	A002	A-SMA-2	39-004(b)
					39-004(e)
		RG265	A003	A-SMA-2.5	39-010
		RG265	A004	A-SMA-2.7	39-002(c)
					39-008
Ancho	Ancho Canyon	RG265	A005	A-SMA-2.8	39-001(b)
		RG265	A006	A-SMA-3	39-002(b)
					39-004(c)
		RG340	A007	A-SMA-3.5	39-006(a)
		RG340	A008	A-SMA-4	33-010(d)
		RG340	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
		RG340	Q002	CHQ-SMA-1.01	33-002(d)
		RG340	Q002A	CHQ-SMA-1.02	33-004(h)
					33-008(c)
					33-011(d)
					33-015
		RG340	Q002B	CHQ-SMA-1.03	33-008©
					33-012(a)
					33-017
					C-33-001
					C-33-003
		RG340	Q003	CHQ-SMA-2	33-004(d)
					33-007(c)
					C-33-003
		RG340	Q004	CHQ-SMA-3.05	33-010(f)
		RG340	Q005	CHQ-SMA-4	33-011(e)
		RG340	Q006	CHQ-SMA-4.1	33-016
		RG340	Q007	CHQ-SMA-4.5	33-011(b)
		RG340	Q008	CHQ-SMA-5.05	33-007(b)
		RG340	Q009	CHQ-SMA-6	33-004(j)
					33-006(a)

Table 1-2 (continued)

Watershed	Canyon	Rain Gage	Permitted Feature	SMA	Site Number
Chaquehui	Chaquehui Canyon				33-007(b)
					33-010(c)
					33-010(g)
					33-010(h)
					33-014
		RG340	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	102
Sandia	19	23
Mortandad	45	96
Pajarito	51	62
Water/Cañon de Valle	50	91
Ancho	9	15
Chaquehui	12	24
Total	**250**	**413**

Notes: A total of 405 Sites are permitted. Permitted Site 32-002(b) is retired and has been replaced by 32-002(b1) and 32-002(b2). Site 14-002(c) in CDV-SMA-6.02, Site 22-010(b) in PJ-SMA-5.1, Site 09-005(g) in PJ-SMA-4.05, and Site 16-029(e) in W-SMA-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 413.

Table 2-1
Additional Control Measures Installed during 2015

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Install Date	Comments
R-SMA-0.5	R00103060029	Berm	Straw Wattle	—[e]	X[f]	—	X	08/04/2015	Additional Control
R-SMA-0.5	R00103060030	Berm	Straw Wattle	—	X	—	X	08/04/2015	Additional Control
R-SMA-0.5	R00103060031	Berm	Straw Wattle	—	X	X	—	08/04/2015	Additional Control
R-SMA-0.5	R00103060032	Berm	Straw Wattle	—	X	X	—	08/04/2015	Additional Control
R-SMA-0.5	R00103060033	Berm	Straw Wattle	—	X	X	—	08/04/2015	Additional Control
R-SMA-0.5	R00103060034	Berm	Straw Wattle	—	X	—	X	08/04/2015	Additional Control
R-SMA-0.5	R00103060028	Berm	Straw Wattle	—	X	—	X	08/04/2015	Additional Control
R-SMA-1	R00203060014	Berm	Straw Wattle	—	X	—	X	06/06/2015	Additional Control - retired 11/16/2015
R-SMA-1	R00203060013	Berm	Straw Wattle	—	X	—	X	06/06/2015	Additional Control - retired 11/16/2015
R-SMA-1	R00203060012	Berm	Straw Wattle	—	X	—	X	06/06/2015	Additional Control - retired 11/16/2015
R-SMA-1	R00203060011	Berm	Straw Wattle	—	X	—	X	06/06/2015	Additional Control - retired 11/16/2015
B-SMA-0.5	B00103060013	Berm	Straw Wattle	—	X	—	X	06/15/2015	Additional Control
B-SMA-0.5	B00103140014	Berm	Coir Log	—	X	X	—	08/18/2015	Additional Control
ACID-SMA-2.01	P002A03060009	Berm	Straw Wattle	—	X	—	X	12/03/2015	Additional Control
P-SMA-0.3	P00403140016	Berm	Coir Log	—	X	—	X	07/16/2015	Additional Control - retired 11/3/2015
P-SMA-0.3	P00403140021	Berm	Coir Log	—	X	—	X	11/03/2015	Additional Control
P-SMA-0.3	P00404050017	Channel/Swale	Water Bar	X	—	X	—	11/03/2015	Additional Control
P-SMA-0.3	P00403010019	Berm	Earthen Berm	—	X	—	X	11/03/2015	Additional Control
P-SMA-0.3	P00404060022	Channel/Swale	Rip Rap	X	—	—	—	11/03/2015	Additional Control
P-SMA-0.3	P00404050018	Channel/Swale	Water Bar	X	—	X	—	11/03/2015	Additional Control
P-SMA-0.3	P00403010020	Berm	Earthen Berm	—	X	—	X	11/03/2015	Additional Control
P-SMA-1	P00508030047	Cap	Concrete/Asphalt Cap	X	—	—	X	04/17/2015	Additional Control

Table 2-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Install Date	Comments
P-SMA-1	P00507010049	Gabion	Gabion	—	X	—	X	04/17/2015	Additional Control
P-SMA-1	P00507010048	Gabion	Gabion	—	X	—	X	04/17/2015	Additional Control
P-SMA-1	P00504060046	Channel/Swale	Rip Rap	X	—	—	X	04/17/2015	Additional Control
LA-SMA-0.85	L00106010010	Check Dam	Rock Check Dam	—	X	—	X	10/23/2015	Additional Control
LA-SMA-1	L00303120027	Berm	Rock Berm	—	X	—	X	06/30/2015	Additional Control
LA-SMA-3.1	L00803140009	Berm	Coir Log	—	X	—	X	11/19/2015	Additional Control
LA-SMA-5.01	L01203100023	Berm	Gravel Bags	—	X	X	—	08/04/2015	Additional Control
LA-SMA-5.01	L01203060025	Berm	Straw Wattle	—	X	X	—	11/23/2015	Additional Control
LA-SMA-5.01	L01203060024	Berm	Straw Wattle	—	X	—	X	11/23/2015	Additional Control
LA-SMA-5.02	L012A03060023	Berm	Straw Wattle	—	X	—	X	08/04/2015	Additional Control
LA-SMA-5.361	L01708020013	Cap	Rock Cap	X	—	—	—	06/10/2015	Additional Control
LA-SMA-5.361	L01703020012	Berm	Base Course Berm	—	X	X	—	06/10/2015	Additional Control
LA-SMA-5.362	L017A03020012	Berm	Base Course Berm	—	X	X	—	06/10/2015	Additional Control
LA-SMA-5.362	L017A08020013	Cap	Rock Cap	X	—	—	—	06/10/2015	Additional Control
LA-SMA-5.54	L018C03140032	Berm	Coir Log	—	X	X	—	08/17/2015	Additional Control
LA-SMA-5.54	L018C02040033	Permanent Vegetation	Established Vegetation	X	—	—	—	11/09/2015	Additional Control
LA-SMA-5.54	L018C03140031	Berm	Coir Log	—	X	X	—	08/17/2015	Additional Control
LA-SMA-6.27	L02103060020	Berm	Straw Wattle	—	X	—	X	08/05/2015	Additional Control
LA-SMA-6.36	L02503100011	Berm	Gravel Bags	—	X	X	—	08/19/2015	Additional Control
LA-SMA-6.38	L02603060012	Berm	Straw Wattle	—	X	—	X	11/23/2015	Replaced Baseline Control
LA-SMA-9	L02903120018	Berm	Rock Berm	—	X	X	—	10/30/2015	Additional Control
LA-SMA-9	L02903060017	Berm	Straw Wattle	—	X	X	—	06/15/2015	Replaced Baseline Control - retired 11/30/2015
LA-SMA-9	L02903020020	Berm	Base Course Berm	—	X	X	—	10/30/2015	Replaced Baseline Control
LA-SMA-9	L02903020021	Berm	Base Course Berm	—	X	—	X	10/30/2015	Additional Control

Table 2-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Install Date	Comments
LA-SMA-9	L02903060016	Berm	Straw Wattle	—	X	X	—	06/15/2015	Replaced Baseline Control - retired 11/30/2015
LA-SMA-9	L02903020019	Berm	Base Course Berm	—	X	X	—	10/30/2015	Replaced Baseline Control
DP-SMA-0.4	D00203060010	Berm	Straw Wattle	—	X	X	—	08/05/2015	Replaced Baseline Control
DP-SMA-2.35	D00603060008	Berm	Straw Wattle	—	X	—	X	11/30/2015	Additional Control
S-SMA-0.25	S00103060016	Berm	Straw Wattle	—	X	X	—	07/20/2015	Additional Control
S-SMA-0.25	S00103100015	Berm	Gravel Bags	—	X	X	—	07/20/2015	Additional Control - retired 10/20/2015
S-SMA-0.25	S00103090017	Berm	Curbing	—	X	X	—	10/20/2015	Additional Control
S-SMA-3.52	S005A03060007	Berm	Straw Wattle	—	X	—	X	11/16/2015	Additional Control
S-SMA-4.5	S01203060009	Berm	Straw Wattle	—	X	X	—	07/15/2015	Replaced Baseline Control
CDB-SMA-1.54	C00704050021	Channel/Swale	Water Bar	X	—	—	—	10/15/2015	Additional Control
CDB-SMA-1.54	C00703140024	Berm	Coir Log	—	X	—	X	10/15/2015	Additional Control
CDB-SMA-1.54	C00703140023	Berm	Coir Log	—	X	—	X	10/15/2015	Additional Control
CDB-SMA-1.54	C00703140022	Berm	Coir Log	—	X	—	X	10/15/2015	Additional Control
CDB-SMA-1.54	C00703140025	Berm	Coir Log	—	X	—	X	10/15/2015	Additional Control
CDB-SMA-1.55	C00803060013	Berm	Straw Wattle	—	X	—	X	11/24/2015	Additional Control
M-SMA-6	M00803060034	Berm	Straw Wattle	X	—	X	—	08/19/2015	Additional Control
M-SMA-6	M00806010039	Check Dam	Rock Check Dam	—	X	X	—	10/27/2015	Additional Control
M-SMA-6	M00803060037	Berm	Straw Wattle	X	—	X	—	08/19/2015	Additional Control
M-SMA-6	M00803120047	Berm	Rock Berm	—	X	—	X	10/27/2015	Additional Control
M-SMA-6	M00804050033	Channel/Swale	Water Bar	X	—	—	—	08/18/2015	Additional Control
M-SMA-6	M00804060045	Channel/Swale	Rip Rap	X	—	—	—	10/27/2015	Additional Control
M-SMA-6	M00804060046	Channel/Swale	Rip Rap	X	—	—	—	10/27/2015	Additional Control
M-SMA-6	M00806010038	Check Dam	Rock Check Dam	—	X	X	—	10/27/2015	Additional Control
M-SMA-6	M00803060036	Berm	Straw Wattle	X	—	X	—	08/19/2015	Additional Control
M-SMA-6	M00806010044	Check Dam	Rock Check Dam	—	X	—	X	10/27/2015	Additional Control

Table 2-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Install Date	Comments
M-SMA-6	M00806010043	Check Dam	Rock Check Dam	—	X	—	X	10/27/2015	Additional Control
M-SMA-6	M00806010042	Check Dam	Rock Check Dam	—	X	X	—	10/27/2015	Additional Control
M-SMA-6	M00806010041	Check Dam	Rock Check Dam	—	X	X	—	10/27/2015	Additional Control
M-SMA-6	M00806010040	Check Dam	Rock Check Dam	—	X	X	—	10/27/2015	Additional Control
M-SMA-6	M00803060035	Berm	Straw Wattle	X	—	X	—	08/19/2015	Additional Control
M-SMA-9.1	M01103120009	Berm	Rock Berm	—	X	X	—	10/13/2015	Additional Control
M-SMA-9.1	M01103120008	Berm	Rock Berm	—	X	X	—	10/13/2015	Additional Control
M-SMA-11.1	M01403100009	Berm	Gravel Bags	—	X	X	—	08/07/2015	Additional Control - retired 10/20/2015
M-SMA-11.1	M01403100010	Berm	Gravel Bags	—	X	X	—	10/20/2015	Replaced Baseline Control
M-SMA-12	M01503100009	Berm	Gravel Bags	—	X	X	—	08/04/2015	Additional Control
M-SMA-12.7	M01803160013	Berm	Wood Chip Wattle	—	X	X	—	07/14/2015	Replaced Baseline Control
M-SMA-12.8	M01903160011	Berm	Wood Chip Wattle	—	X	X	—	07/14/2015	Replaced Baseline Control
M-SMA-12.9	M02003060015	Berm	Straw Wattle	—	X	—	X	10/14/2015	Additional Control
M-SMA-12.9	M02003160014	Berm	Wood Chip Wattle	—	X	X	—	07/14/2015	Replaced Baseline Control
T-SMA-6.8	T00802040008	Permanent Vegetation	Established Vegetation	X	—	—	—	07/07/2015	Additional Control
2M-SMA-1	E00106020032	Check Dam	Log Check Dam	—	X	—	X	11/18/2015	Additional Control
2M-SMA-1	E00106020031	Check Dam	Log Check Dam	—	X	—	X	11/18/2015	Additional Control
2M-SMA-1	E00103120034	Channel/Swale	Rip Rap	X	—	—	—	11/04/2015	Additional Control
2M-SMA-1	E00106010028	Check Dam	Rock Check Dam	—	X	X	—	06/19/2015	Additional Control
2M-SMA-1	E00106010029	Check Dam	Rock Check Dam	—	X	X	—	06/19/2015	Additional Control
2M-SMA-1	E00104060033	Check Dam	Rock Check Dam	—	X	—	X	11/04/2015	Additional Control
2M-SMA-1.44	E00403060025	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control
2M-SMA-1.44	E00403060023	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control
2M-SMA-1.44	E00403060019	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control
2M-SMA-1.44	E00403060024	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control

Table 2-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Install Date	Comments
2M-SMA-1.44	E00401030018	Seed and Mulch	Hydromulch	X	—	—	—	06/23/2015	Additional Control
2M-SMA-1.44	E00401010017	Seed and Mulch	Seed and Wood Mulch	X	—	—	—	06/23/2015	Additional Control
2M-SMA-1.44	E00403060021	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control
2M-SMA-1.44	E00403060020	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control
2M-SMA-1.44	E00403060027	Berm	Straw Wattle	—	X	X	—	10/30/2015	Additional Control
2M-SMA-1.44	E00403060022	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control
2M-SMA-1.44	E00403060026	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control
2M-SMA-1.67	E00803060017	Berm	Straw Wattle	—	X	—	X	10/30/2015	Additional Control
2M-SMA-1.8	E01003100011	Berm	Gravel Bags	—	X	X	—	07/14/2015	Additional Control
2M-SMA-3	E01403140031	Berm	Coir Log	—	X	X	—	09/09/2015	Additional Control
3M-SMA-0.2	H00106010007	Check Dam	Rock Check Dam	—	X	—	X	12/04/2015	Additional Control
3M-SMA-0.2	H00106010008	Check Dam	Rock Check Dam	—	X	—	X	12/04/2015	Additional Control
3M-SMA-0.2	H00106010009	Check Dam	Rock Check Dam	—	X	—	X	12/04/2015	Additional Control
PJ-SMA-2	J00208030029	Cap	Concrete/Asphalt Cap	—	—	—	X	10/06/2015	Additional Control
PJ-SMA-2	J00204050026	Channel/Swale	Water Bar	X	—	X	—	10/06/2015	Additional Control
PJ-SMA-2	J00206010024	Check Dam	Rock Check Dam	—	X	X	—	07/14/2015	Additional Control
PJ-SMA-2	J00206010025	Check Dam	Rock Check Dam	—	X	X	—	07/14/2015	Additional Control
PJ-SMA-2	J00206010027	Check Dam	Rock Check Dam	—	X	X	—	10/06/2015	Additional Control
PJ-SMA-2	J00206010028	Check Dam	Rock Check Dam	—	X	X	—	10/06/2015	Additional Control
PJ-SMA-5	J00503060031	Berm	Straw Wattle	—	X	—	X	08/26/2015	Additional Control - retired 10/5/2015
PJ-SMA-5	J00501010029	Seed and Mulch	Seed and Wood Mulch	X	—	—	—	02/10/2015	Additional Control - retired 10/28/2015
PJ-SMA-5	J00503060030	Berm	Straw Wattle	—	X	—	X	08/26/2015	Additional Control - retired 10/5/2015
PJ-SMA-6	J00706010024	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control
PJ-SMA-6	J00706010025	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control
PJ-SMA-6	J00706010023	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control
PJ-SMA-6	J00706010022	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control

Table 2-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Install Date	Comments
PJ-SMA-6	J00706010021	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control
PJ-SMA-6	J00706010020	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control
PJ-SMA-6	J00706010026	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control
PJ-SMA-6	J00706010019	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control
PJ-SMA-6	J00706010027	Check Dam	Rock Check Dam	—	X	X	—	10/14/2015	Additional Control
PJ-SMA-11	J01301010028	Seed and Mulch	Seed and Wood Mulch	X	—	—	—	03/04/2015	Additional Control
PJ-SMA-11	J01303140029	Berm	Coir Log	—	X	X	—	12/02/2015	Additional Control
PJ-SMA-11.1	J01401010025	Seed and Mulch	Seed and Wood Mulch	X	—	—	—	03/04/2015	Additional Control
PJ-SMA-11.1	J01403060024	Berm	Straw Wattle	—	X	—	X	03/04/2015	Additional Control
PJ-SMA-11.1	J01403060026	Berm	Straw Wattle	—	X	—	X	03/04/2015	Additional Control
PJ-SMA-13	J01503140006	Berm	Coir Log	—	X	X	—	07/21/2015	Additional Control
PJ-SMA-14.4	J02003060011	Berm	Straw Wattle	—	X	X	—	08/04/2015	Additional Control
CDV-SMA-1.2	V00103060013	Berm	Straw Wattle	—	X	X	—	09/08/2015	Replaced Enhanced Control
CDV-SMA-1.4	V00303060085	Berm	Straw Wattle	—	X	X	—	11/20/2015	Additional Control
CDV-SMA-1.4	V00303060084	Berm	Straw Wattle	—	X	X	—	09/10/2015	Additional Control - retired 11/20/2015
CDV-SMA-1.4	V00303060082	Berm	Straw Wattle	—	X	X	—	08/07/2015	Additional Control - retired 11/20/2015
CDV-SMA-1.4	V00303060086	Berm	Straw Wattle	—	X	X	—	11/20/2015	Additional Control
CDV-SMA-1.4	V00303120087	Berm	Rock Berm	—	X	X	—	11/20/2015	Additional Control
CDV-SMA-1.4	V00303060083	Berm	Straw Wattle	—	X	X	—	09/10/2015	Additional Control
CDV-SMA-1.7	V00503060032	Berm	Straw Wattle	—	X	—	X	09/14/2015	Replaced Enhanced Control
CDV-SMA-2.3	V00703060030	Berm	Straw Wattle	—	X	—	X	08/11/2015	Additional Control
CDV-SMA-2.3	V00703060031	Berm	Straw Wattle	—	X	X	—	07/27/2015	Additional Control
CDV-SMA-2.42	V008A04050025	Channel/Swale	Water Bar	X	—	X	—	08/28/2015	Additional Control
CDV-SMA-4	V01102040010	Permanent Vegetation	Established Vegetation	X	—	—	—	10/27/2015	Additional Control

Table 2-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Install Date	Comments
CDV-SMA-4	V01104060011	Channel/Swale	Rip Rap	X	—	—	—	11/14/2015	Additional Control
CDV-SMA-6.01	V01203060021	Berm	Straw Wattle	—	X	—	X	09/23/2015	Additional Control
CDV-SMA-6.01	V01203060020	Berm	Straw Wattle	—	X	X	—	09/23/2015	Additional Control
CDV-SMA-6.01	V01201030019	Seed and Mulch	Hydromulch	X	—	—	—	09/17/2015	Additional Control
CDV-SMA-6.01	V01206010022	Check Dam	Rock Check Dam	—	X	—	X	11/02/2015	Additional Control
CDV-SMA-6.02	V012A03060008	Berm	Straw Wattle	—	X	—	X	11/02/2015	Additional Control
CDV-SMA-6.02	V012A03140009	Berm	Coir Log	—	X	—	X	11/02/2015	Additional Control
CDV-SMA-7	V01306010019	Check Dam	Rock Check Dam	—	X	X	—	10/13/2015	Additional Control
CDV-SMA-7	V01306010018	Check Dam	Rock Check Dam	—	X	X	—	10/13/2015	Additional Control
CDV-SMA-7	V01306010017	Check Dam	Rock Check Dam	—	X	X	—	10/13/2015	Additional Control
CDV-SMA-7	V01306010016	Check Dam	Rock Check Dam	—	X	X	—	10/13/2015	Additional Control
CDV-SMA-9.05	V01603140006	Berm	Coir Log	—	X	—	X	08/05/2015	Additional Control
F-SMA-2	F00103010024	Berm	Earthen Berm	—	X	X	—	08/21/2015	Additional Control
F-SMA-2	F00103010035	Berm	Earthen Berm	—	X	X	—	08/21/2015	Additional Control
PT-SMA-1	I00203060036	Berm	Straw Wattle	—	X	—	X	08/03/2015	Additional Control
PT-SMA-1	I00203060037	Berm	Straw Wattle	—	X	—	X	08/03/2015	Additional Control
PT-SMA-1	I00203060035	Berm	Straw Wattle	—	X	—	X	09/15/2015	Additional Control
PT-SMA-1.7	I00303060035	Berm	Straw Wattle	—	X	—	X	08/03/2015	Additional Control - retired 9/15/2015
PT-SMA-3	I00503140039	Berm	Coir Log	—	X	X	—	09/04/2015	Additional Control
PT-SMA-3	I00503090028	Berm	Curbing	—	X	X	—	01/27/2015	Additional Control - retired 9/4/2015
W-SMA-1.5	W00203160019	Berm	Wood Chip Wattle	—	X	—	X	07/09/2015	Replaced Baseline Control
W-SMA-3.5	W00403060010	Berm	Straw Wattle	—	X	X	—	12/01/2015	Replaced Baseline Control
W-SMA-3.5	W00403060011	Berm	Straw Wattle	—	X	X	—	12/01/2015	Replaced Baseline Control
W-SMA-3.5	W00403060012	Berm	Straw Wattle	—	X	X	—	12/01/2015	Replaced Baseline Control
W-SMA-4.1	W00503060007	Berm	Straw Wattle	—	X	—	X	11/23/2015	Replaced Baseline Control
W-SMA-4.1	W00503060008	Berm	Straw Wattle	—	X	X	—	11/23/2015	Replaced Baseline Control

Table 2-1 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Install Date	Comments
W-SMA-8.71	W012A03060008	Berm	Straw Wattle	—	X	—	X	08/17/2015	Additional Control
W-SMA-8.71	W012A03060009	Berm	Straw Wattle	—	X	—	X	08/17/2015	Additional Control
W-SMA-9.7	W01503060018	Berm	Straw Wattle	—	X	—	X	08/18/2015	Additional Control
W-SMA-9.7	W01503060019	Berm	Straw Wattle	—	X	X	—	08/18/2015	Additional Control
W-SMA-10	W01803100027	Berm	Gravel Bags	—	X	X	—	08/19/2015	Additional Control
W-SMA-10	W01803100026	Berm	Gravel Bags	—	X	X	—	08/19/2015	Additional Control
W-SMA-10	W01803060030	Berm	Straw Wattle	—	X	—	X	08/19/2015	Additional Control
W-SMA-10	W01803060029	Berm	Straw Wattle	—	X	—	X	08/19/2015	Additional Control
W-SMA-10	W01803060028	Berm	Straw Wattle	—	X	—	X	08/19/2015	Additional Control
CHQ-SMA-1.01	Q00203060014	Berm	Straw Wattle	—	X	X	—	05/29/2015	Additional Control
CHQ-SMA-2	Q00303060027	Berm	Straw Wattle	—	X	X	—	05/29/2015	Additional Control - retired 10/8/2015
CHQ-SMA-2	Q00306010049	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015	Additional Control
CHQ-SMA-4	Q00503140021	Berm	Coir Log	—	X	X	—	11/25/2015	Additional Control
CHQ-SMA-4	Q00503140022	Berm	Coir Log	—	X	X	—	11/25/2015	Additional Control

[a] EC = Erosion control.

[b] SC = Sediment control.

[c] RON = Run-on control.

[d] ROFF = Runoff control.

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

[f] X = Control performs the identified function.

Table 3-1
Measurable Storm Event Minimum and Suggested Sample Volumes

Analysis Type	Minimum Volume (L)	Suggested Volume (L)	Bottle Type	Preservation	Maximum Holding*
Radioactivities – Ra-226 and Ra-228	2	2	Polyethylene or Glass	HNO_3 to pH<2	6 mo
Radioactivities – Adjusted Gross Alpha	1	2	Polyethylene or Glass	HNO_3 to pH<2	6 mo
Metals – Dissolved	0.25	0.5	Polyethylene (with Boron)/ Glass (without Boron)	HNO_3 to pH<2	6 mo
Metals – Total	0.25	0.5	Polyethylene or Glass	HNO_3 to pH<2	Mercury – 28 d Selenium – 6 mo
Cyanide, Weak Acid Dissociable	0.5	1	Polyethylene or Glass	Cool, ≤6°C, NaOH to pH >12	14 d
Dioxin	1	3	Glass	Cool, ≤6°C	1 yr
Semivolatile Compounds	1	3	Amber Glass	Cool, ≤6°C, store in dark	7 d until extraction, 40 d after extraction
Pesticides	1	3	Glass	Cool, ≤6°C	7 d until extraction, 40 d after extraction
PCBs	1	3	Glass	Cool, ≤6°C	1 yr until extraction, 1 yr after extraction
High Explosives	0.75	2.5	Amber Glass	Cool, ≤6°C, store in dark	7 d until extraction, 40 d after extraction

*Holding time is from sample collection until laboratory analysis, unless otherwise noted.

Table 3-2
Summary of Confirmation Monitoring during 2015

Confirmation Monitoring Phase	Baseline Confirmation Monitoring	Enhanced Control Confirmation Monitoring	Monitoring per Part I.E.1(b) after Certification of No Exposure	No Monitoring	Total
January 1, 2015	95	34	9 (2 monitored in 2015)	112	250
Added during year	0	37	1 (CA NoExp – Inv Init[a])	n/a[b]	n/a
Completed during year	6 (MEx[c])	2 (CAM[d]) 3 (CACompD[e])	1 (CA NoExp – Inv Comp[f])	n/a	n/a
December 31, 2015	89	66	9 (4 monitored in 2015)	86	250

[a] CA NoExp –Inv Init = Corrective action no exposure – investigation initiated.

[b] n/a = Not applicable.

[c] MEx = Baseline monitoring extended.

[d] CAM = Corrective action monitoring after certification of enhanced controls.

[e] CACompD = Corrective action is complete under the Permit with certification of RCRA completion of corrective action.

[f] CA NoExp – Inv Comp = Corrective action no exposure – investigation complete.

Table 3-3
2015 Baseline Confirmation Monitoring

Permitted Feature	SMA	Station Number	Stage	Sample	Sample Date	Sample Time	Rain Gage	Storm Date	24-h Total (in.)	Duration (h)	Field Prep	Radionuclides		Inorganic		Cyanide	Organic	
												Gross Alpha	Radium-226/228	Selenium and Mercury	Dissolved Metals[a]	Cyanide (WAD[b])	High Explosives	Total PCBs
M015	M-SMA-12	SS2004	MEx[c]	WT_IPC-15-102019	07/07/2015	03:51	RG200.5	07/06/2015	0.82	3.16	UF[d]	X[e]	X	X	—[f]	X	—	X
M015	M-SMA-12	SS2004	MEx	WT_IPC-15-102040	07/07/2015	03:51	RG200.5	07/06/2015	0.82	3.16	F[g]	—	—	—	X	—	—	—
C001	CDB-SMA-0.15	SS091310	MEx	WT_IPC-15-102084	07/20/2015	19:13	RG200.5	07/20/2015	1.2	3.91	UF	X	X	X	—	X	—	—
C001	CDB-SMA-0.15	SS091310	MEx	WT_IPC-15-102123	07/20/2015	19:13	RG200.5	07/20/2015	1.2	3.91	F	—	—	—	X	—	—	—
M020	M-SMA-12.9	SS2032	MEx	WT_IPC-15-101985	07/20/2015	18:17	RG203	07/20/2015	1.42	3.83	UF	X	X	X	—	X	X	—
M020	M-SMA-12.9	SS2032	MEx	WT_IPC-15-102002	07/20/2015	18:17	RG203	07/20/2015	1.42	3.83	F	—	—	—	X	—	—	—
S009	S-SMA-3.72	SS091611	MEx	WT_IPC-15-102034	07/20/2015	18:25	RG203	07/20/2015	1.42	3.83	UF	X	X	X	—	X	—	X
S009	S-SMA-3.72	SS091611	MEx	WT_IPC-15-102055	07/20/2015	18:25	RG203	07/20/2015	1.42	3.83	F	—	—	—	X	—	—	—
V007	CDV-SMA-2.3	SS080404	MEx	WT_IPC-15-102065	07/20/2015	19:07	RG257	07/20/2015	1.58	4.58	UF	X	X	X	—	X	—	—
V007	CDV-SMA-2.3	SS080404	MEx	WT_IPC-15-102104	07/20/2015	19:07	RG257	07/20/2015	1.58	4.58	F	—	—	—	X	—	—	—
V001	CDV-SMA-1.2	SS100421	MEx	WT_IPC-15-101991	08/02/2015	13:14	RG253	08/02/2015	1.07	2.66	UF	X	X	X	—	X	X	—
V001	CDV-SMA-1.2	SS100421	MEx	WT_IPC-15-102008	08/02/2015	13:14	RG253	08/02/2015	1.07	2.66	F	—	—	—	X	—	—	—

[a] Dissolved Metals = Aluminum, antimony, arsenic, boron, cadmium, chromium, cobalt, copper, lead, nickel, silver, thallium, vanadium, zinc.

[b] WAD = Weak acid dissociable.

[c] MEx = Extended baseline monitoring: One confirmation monitoring sample is collected to determine if corrective action is required.

[d] UF = Unfiltered.

[e] X = The sample was analyzed for the associated parameters.

[f] — = The sample was not analyzed for the associated parameters.

[g] F = Filtered.

Table 3-4
2015 Non-Confirmation Monitoring

Permitted Feature	SMA	Station Number	Sample Date	Sample(s)	Field Prep	Sample Type	Discussion
J024	PJ-SMA-17	SS092331	5/21/2015	WT_IPC-15-95421 WT_IPC-15-95417	UF[a] F[c]	INV[b]	The samples were not collected to fulfill a confirmation monitoring requirement. Instead, the samples were analyzed and reported as a condition of completion of corrective action per Part 1.E.1(b) of the Permit.
J019	PJ-SMA-14.3	SS092321	7/20/2015	WT_IPC-15-102127 WT_IPC-15-102088	UF UF	INV	The samples collected did not meet the criteria for confirmation monitoring. The samples collected did not contain discharge from the Site; instead, storm water from Pajarito canyon was collected. Additionally, analyses for dissolved metals were not performed. The determination that a non-confirmation monitoring sample was collected was made on September 30, 2015. The sampler was not reactivated for monitoring during 2015. Sampling will continue in 2016 for the purpose of confirmation monitoring.

[a] UF = Unfiltered.

[b] INV = Investigation.

[c] F = Filtered

Table 3-5
2015 Enhanced Control Confirmation Monitoring

Permitted Feature	SMA	Station Number	Stage Number	Sample	Sample Date	Sample Time	Associated Rain Gage	Storm Date	24-h Total (in.)	Duration (h)	Field Prep	Radioactivities		Metals			Cyanide	Organic Analyses	
												Gross Alpha	Radium-226/228	Dissolved Aluminum	Selenium and Mercury	Dissolved Metals[a]	Cyanide (WAD)[b]	Total PCBs	High Explosives
E005	2M-SMA-1.45	SS123220	CAM5[c]	WT_IPC-15-101940	07/07/2015	10:34	RG-TA-06	07/07/2015	0.01	0.25	UF[d]	X[e]	X	—[f]	X	—	X	—	—
E005	2M-SMA-1.45	SS123220	CAM5	WT_IPC-15-101945	07/07/2015	10:34	RG-TA-06	07/07/2015	0.01	0.25	F[g]	—	—	—	—	X	—	—	—
E002	2M-SMA-1.42	SS093203	CAM5	WT_IPC-15-101960	07/20/2015	18:11	RG-TA-06	07/20/2015	1.44	5.25	UF	X	—	—	—	—	—	—	—
E002	2M-SMA-1.42	SS093203	CAM5	WT_IPC-15-101962	07/20/2015	18:11	RG-TA-06	07/20/2015	1.44	5.25	F	—	—	X	—	—	—	—	—
L030A	LA-SMA-10.12	SS091021	CAM5	WT_IPC-15-101964	07/20/2015	19:49	RG-TA-53	07/20/2015	1.16	5.50	UF	X	—	—	—	—	X	—	—
E005	2M-SMA-1.45	SS123220	CAM5	WT_IPC-15-102874	08/01/2015	17:08	RG-TA-06	08/01/2015	0.49	2.00	UF	X	X	—	X	—	X	—	—
E005	2M-SMA-1.45	SS123220	CAM5	WT_IPC-15-102879	08/01/2015	17:08	RG-TA-06	08/01/2015	0.49	2.00	F	—	—	—	—	X	—	—	—
W018	W-SMA-10	SS25245	CAM5	WT_IPC-15-101966	08/01/2015	11:33	RG257	08/01/2015	1.56	1.50	UF	X	—	—	—	—	X	—	—
J031	STRM-SMA-5.05	SS093002	CAM5	WT_IPC-15-101952	08/02/2015	14:03	RG240	08/02/2015	0.72	2.41	UF	X	—	—	—	—	X	X	—
J031	STRM-SMA-5.05	SS093002	CAM5	WT_IPC-15-101953	08/02/2015	14:03	RG240	08/02/2015	0.72	2.41	UF	—	—	X	—	—	—	—	—
S016	S-SMA-6	SS093002	CAM3[h]	WT_IPC-15-106555	10/21/2015	11:10	RG-TA-53	10/21/2015	1.54	11.5	F	—	—	—	—	X	—	—	—
S016	S-SMA-6	SS093002	CAM3[h]	WT_IPC-15-106553	10/21/2015	11:10	RG-TA-53	10/21/2015	1.54	11.5	UF	X	—	—	—	—	X	X	X

[a] Dissolved Metals = Aluminum, antimony, arsenic, boron, cadmium, chromium, cobalt, copper, lead, nickel, silver, thallium, vanadium, and zinc.

[b] WAD = Weak acid dissociable.

[c] CAM5= Corrective action enhanced control monitoring: Confirmation monitoring samples collected following completion of corrective action control measures at Moderate Priority Sites.

[d] UF = Unfiltered.

[e] X = The sample was analyzed for the associated parameters.

[f] — = The sample was not analyzed for the associated parameters.

[g] F = Filtered.

[h] CAM3 = Corrective action enhanced control monitoring: Confirmation monitoring samples collected following completion of corrective action control measures at High Priority Sites.

Table 3-6
Summary of Confirmation Monitoring TAL Exceedances

SMA	Stage	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
2M-SMA-1.42	CAM5[b]	Aluminum	µg/L	1	1	100%	n/a[c]	n/a	n/a	750	1	100%	1900	2.5
2M-SMA-1.42	CAM5	Gross alpha	pCi/L	1	1	100%	15	16	1.07	n/a	n/a	n/a	16	n/a
CDB-SMA-0.15	MEx[d]	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	1	100%	1250	1.7
CDB-SMA-0.15	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	6.66	1.5
CDV-SMA-2.3	MEx	Gross alpha	pCi/L	1	1	100%	15	54.4	3.63	n/a	n/a	n/a	54.4	n/a
M-SMA-12	MEx	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	1	100%	1510	2.0
M-SMA-12	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	4.41	1.02
M-SMA-12	MEx	Total PCB	µg/L	1	1	100%	0.00064	0.00427	6.67	n/a	n/a	n/a	0.00427	n/a
M-SMA-12.9	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	25.1	5.8
M-SMA-12.9	MEx	Gross alpha	pCi/L	1	1	100%	15	276	18.4	n/a	n/a	n/a	276	n/a
S-SMA-3.72	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	4.59	1.1
S-SMA-6	CAM3[e]	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	1	100%	1540	2.1
S-SMA-6	CAM3	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	5.87	1.4
S-SMA-6	CAM3	Gross alpha	pCi/L	1	1	100%	15	61.7	4.11	n/a	n/a	n/a	61.7	n/a
S-SMA-6	CAM3	Total PCB	µg/L	1	1	100%	0.00064	0.0195	30.5	n/a	n/a	n/a	0.0195	n/a
STRM-SMA-5.05	CAM5	Total PCB	µg/L	1	1	100%	0.00064	0.00226	3.53	n/a	n/a	n/a	0.00226	n/a
W-SMA-10	CAM5	Gross alpha	pCi/L	1	1	100%	15	77.8	5.19	n/a	n/a	n/a	77.8	n/a

[a] MTAL exceedances are reported to EPA within 24-h 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: One confirmation monitoring sample is collected to determine if corrective action is required.
[e] CAM3 = Corrective action enhanced control monitoring: Confirmation monitoring samples collected following completion of corrective action control measures at High Priority Sites.

Table 4-1
Deadlines for Completion of Corrective Action at SMAs Associated with High Priority Sites and a Baseline Monitoring Confirmation Sample Collected after September 30, 2012

Permitted Feature	SMA Number	Site Number	Stage	Sample Collection	Receipt of Results	Deadline for Completion of Corrective Action	Actual Completion of Corrective Action
P005	P-SMA-1	73-001(a)	MEx[a]	n/a[b]	n/a	n/a	n/a
P005	P-SMA-1	73-004(d)	MEx	n/a	n/a	n/a	n/a
P008	P-SMA-2.2	00-019	MEx	n/a	n/a	n/a	n/a
P009	P-SMA-3.05[c]	00-018(a)	CACompD[d]	09/13/2013	10/21/2013	10/21/2014	4/16/2015
L006	LA-SMA-2.1	01-001(f)	CAM3[e]	09/13/2013	10/28/2013	10/28/2014	Monitoring[f]
L008	LA-SMA-3.1	01-001(e)	MEx	n/a	n/a	n/a	n/a
L008	LA-SMA-3.1	01-003(a)	MEx	n/a	n/a	n/a	n/a
L012	LA-SMA-5.01	01-001(d)	MEx	n/a	n/a	n/a	n/a
L012	LA-SMA-5.01	01-006(h)	MEx	n/a	n/a	n/a	n/a
L018	LA-SMA-5.51	02-003(a)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-003(e)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-004(a)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-005	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-006(b)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-006(c)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-006(d)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-006(e)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-008(a)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-009(b)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-011(a)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-011(b)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-011(c)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring
L018	LA-SMA-5.51	02-011(d)	CAM3	07/12/2013	08/21/2013	08/21/2014	Monitoring

Table 4-1 (continued)

Permitted Feature	SMA Number	Site Number	Stage	Sample Collection	Receipt of Results	Deadline for Completion of Corrective Action	Actual Completion of Corrective Action
L018A	LA-SMA-5.52	02-003(b)	CAM3	07/29/2014	10/20/2014	10/20/2015	Monitoring
L018A	LA-SMA-5.52	02-007	CAM3	07/29/2014	10/20/2014	10/20/2015	Monitoring
L018A	LA-SMA-5.52	02-008(c)	CAM3	07/29/2014	10/20/2014	10/20/2015	Monitoring
L018B	LA-SMA-5.53	02-009(a)	MEx	n/a	n/a	n/a	n/a
L018C	LA-SMA-5.54	02-009(c)	CAM3	09/13/2013	10/28/2013	10/28/2014	Monitoring
L028	LA-SMA-6.5	21-024(i)	MEx	n/a	n/a	n/a	n/a
S005	S-SMA-3.51	03-009(i)	MEx	n/a	n/a	n/a	n/a
S005A	S-SMA-3.52	03-021	MEx	n/a	n/a	n/a	n/a
S013	S-SMA-5	20-002(c)	MEx	n/a	n/a	n/a	n/a
C010	CDB-SMA-4	54-017	CACompC[g]	07/25/2013	08/27/2013	08/27/2014	8/27/2014
C010	CDB-SMA-4	54-018	CACompC	07/25/2013	08/27/2013	08/27/2014	8/27/2014
C010	CDB-SMA-4	54-020	CACompC	07/25/2013	08/27/2013	08/27/2014	8/27/2014
M005	M-SMA-3.5	48-003	MEx	n/a	n/a	n/a	n/a
M010	M-SMA-7.9	50-006(d)	AltCompR[h]	09/13/2013	10/22/2013	10/22/2014	4/21/2014
T001	Pratt-SMA-1.05[i]	35-003(h)	CACompD	09/13/2013	10/24/2013	10/24/2014	10/29/2015
T001	Pratt-SMA-1.05	35-003(p)	CACompD	09/13/2013	10/24/2013	10/24/2014	10/29/2015
T001	Pratt-SMA-1.05	35-003(r)	CACompD	09/13/2013	10/24/2013	10/24/2014	10/29/2015
T001	Pratt-SMA-1.05	35-004(h)	CACompD	09/13/2013	10/24/2013	10/24/2014	10/29/2015
T001	Pratt-SMA-1.05	35-009(d)	CACompD	09/13/2013	10/24/2013	10/24/2014	10/29/2015
T001	Pratt-SMA-1.05	35-016(k)	CACompD	09/13/2013	10/24/2013	10/24/2014	10/29/2015
T001	Pratt-SMA-1.05	35-016(l)	CACompD	09/13/2013	10/24/2013	10/24/2014	10/29/2015
T001	Pratt-SMA-1.05	35-016(m)	CACompD	09/13/2013	10/24/2013	10/24/2014	10/29/2015
J024	PJ-SMA-17	54-018	CACompC	07/25/2013	09/04/2013	09/04/2014	8/27/2014
J026	PJ-SMA-18	54-017	CACompC	07/25/2013	09/03/2013	09/03/2014	8/28/2014
J025	PJ-SMA-19	54-013(b)	CACompC	08/8/2013	09/11/2013	09/11/2014	8/28/2014

Table 4-1 (continued)

Permitted Feature	SMA Number	Site Number	Stage	Sample Collection	Receipt of Results	Deadline for Completion of Corrective Action	Actual Completion of Corrective Action
J025	PJ-SMA-19	54-017	CACompC	08/8/2013	09/11/2013	09/11/2014	8/28/2014
J025	PJ-SMA-19	54-020	CACompC	08/8/2013	09/11/2013	09/11/2014	8/28/2014

[a] MEx = Extended baseline monitoring: One confirmation monitoring sample is collected to determine if corrective action is required.

[b] n/a = Not applicable.

[c] P-SMA-3.05 = A request was made to NMED to provide a certificate of completion under the Consent Order on October 21, 2014 before deadline for completion of corrective action. Completion of corrective action was certified on April 16, 2015.

[d] CACompD = Corrective action is complete under the Permit with certification of RCRA completion of corrective action.

[e] CAM3 = Corrective action enhanced control monitoring: Confirmation monitoring samples collected following completion of corrective action control measures at High Priority Sites.

[f] Monitoring = Two samples are required to complete corrective action.

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

[h] AltCompR = Alternative compliance requested.

[i] Pratt-SMA-1.05 = Enhanced controls were certified initiating corrective action monitoring on May 13, 2014 before deadline for completion of corrective action. Monitoring continued without sample collection until completion of corrective action was certified on October 29, 2015.

Table 4-2
Enhanced Control Measures Installed during 2015

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
LA-SMA-5.52	L018A01060021	Seed and Mulch	Erosion Control Blanket	X[e]	—[f]	—	—	09/30/2015
LA-SMA-5.52	L018A03010009	Berm	Earthen Berm	—	X	—	X	09/30/2015
LA-SMA-5.52	L018A03140011	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A03140012	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A03140013	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A03140014	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A03140015	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A03140016	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A03140017	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A03140018	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A03140019	Berm	Coir Log	—	X	X	—	09/30/2015
LA-SMA-5.52	L018A06010010	Check Dam	Rock Check Dam	—	X	—	X	09/30/2015
LA-SMA-5.52	L018A06010020	Check Dam	Rock Check Dam	—	X	X	—	09/30/2015
LA-SMA-5.92	L019A03010020	Berm	Earthen Berm	—	X	X	X	10/01/2015
LA-SMA-5.92	L019A03020012	Berm	Base Course Berm	X	—	X	—	10/01/2015
LA-SMA-5.92	L019A03030021	Berm	Log Berm	—	X	—	X	10/01/2015
LA-SMA-5.92	L019A03030022	Berm	Log Berm	—	X	—	X	10/01/2015
LA-SMA-5.92	L019A04010019	Channel/Swale	Earthen Channel/Swale	X	—	X	—	10/01/2015
LA-SMA-5.92	L019A04060011	Channel/Swale	Rip Rap	X	—	—	X	10/01/2015
LA-SMA-5.92	L019A04060013	Channel/Swale	Rip Rap	X	—	—	X	10/01/2015
LA-SMA-5.92	L019A06010014	Check Dam	Rock Check Dam	—	X	X	—	10/01/2015
LA-SMA-5.92	L019A06010015	Check Dam	Rock Check Dam	—	X	X	—	10/01/2015
LA-SMA-5.92	L019A06010016	Check Dam	Rock Check Dam	—	X	X	—	10/01/2015
LA-SMA-5.92	L019A06010017	Check Dam	Rock Check Dam	—	X	X	—	10/01/2015
LA-SMA-5.92	L019A06010018	Check Dam	Rock Check Dam	—	X	X	—	10/01/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
S-SMA-6	S01604020017	Channel/Swale	Concrete/Asphalt Channel/Swale	—	X	X	X	08/11/2015
S-SMA-6	S01604030015	Channel/Swale	Rock Channel/Swale	—	X	—	X	08/11/2015
S-SMA-6	S01606040016	Check Dam	Energy Dissipater	—	X	—	X	08/11/2015
CDB-SMA-1	C00403010016	Berm	Earthen Berm	—	X	—	X	07/21/2015
CDB-SMA-1	C00403010017	Berm	Earthen Berm	—	X	—	X	07/21/2015
M-SMA-3	M00304060018	Channel/Swale	Rip Rap	—	X	—	X	09/15/2015
M-SMA-3	M00304080017	Channel/Swale	TRM[g]-Lined Swale	—	X	—	X	09/15/2015
M-SMA-3	M00305020015	Sediment Traps and Basins	Sediment Basin	—	X	—	X	09/15/2015
M-SMA-3	M00305060016	Sediment Traps and Basins	Infiltration Basin	—	X	—	X	09/15/2015
T-SMA-4	T00603010019	Berm	Earthen Berm	—	X	X	—	08/26/2015
T-SMA-4	T00603030020	Berm	Log Berm	—	X	—	X	08/26/2015
T-SMA-4	T00603030021	Berm	Log Berm	—	X	—	X	08/26/2015
T-SMA-4	T00603090012	Berm	Curbing	—	—	X	—	08/26/2015
T-SMA-4	T00603110013	Berm	Eco-Block	—	X	X	—	08/26/2015
T-SMA-4	T00603120015	Berm	Rock Berm	—	X	X	—	08/26/2015
T-SMA-4	T00603120016	Berm	Rock Berm	—	X	X	—	08/26/2015
T-SMA-4	T00603120017	Berm	Rock Berm	—	X	X	—	08/26/2015
T-SMA-4	T00603120018	Berm	Rock Berm	—	X	X	—	08/26/2015
T-SMA-4	T00604060014	Channel/Swale	Rip Rap	X	—	X	—	08/26/2015
T-SMA-4	T00604060022	Channel/Swale	Rip Rap	X	—	—	X	08/26/2015
2M-SMA-1.44	E00403010011	Berm	Earthen Berm	—	X	X	—	06/23/2015
2M-SMA-1.44	E00403010015	Berm	Earthen Berm	—	X	—	X	06/23/2015
2M-SMA-1.44	E00403140016	Berm	Coir Log	—	X	—	X	06/23/2015
2M-SMA-1.44	E00404060012	Channel/Swale	Rip Rap	X	—	—	—	06/23/2015
2M-SMA-1.44	E00406010009	Check Dam	Rock Check Dam	—	X	X	—	06/23/2015
2M-SMA-1.44	E00406010010	Check Dam	Rock Check Dam	—	X	X	—	06/23/2015
2M-SMA-1.44	E00406010013	Check Dam	Rock Check Dam	X	—	—	—	06/24/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
2M-SMA-1.44	E00406010014	Check Dam	Rock Check Dam	X	—	—	—	06/23/2015
2M-SMA-3	E01403010028	Berm	Earthen Berm	—	X	—	X	08/13/2015
2M-SMA-3	E01403010029	Berm	Earthen Berm	—	X	—	X	08/13/2015
2M-SMA-3	E01403060030	Berm	Straw Wattle	—	X	—	X	08/13/2015
2M-SMA-3	E01403140022	Berm	Coir Log	—	X	—	X	08/13/2015
2M-SMA-3	E01403140023	Berm	Coir Log	—	X	—	X	08/13/2015
2M-SMA-3	E01403140024	Berm	Coir Log	—	X	—	X	08/13/2015
2M-SMA-3	E01406010025	Check Dam	Rock Check Dam	—	X	—	X	08/13/2015
2M-SMA-3	E01406010026	Check Dam	Rock Check Dam	—	X	—	X	08/13/2015
2M-SMA-3	E01406010027	Check Dam	Rock Check Dam	—	X	—	X	08/13/2015
3M-SMA-0.5	H00303010030	Berm	Earthen Berm	—	X	—	X	09/23/2015
3M-SMA-0.5	H00304060018	Channel/Swale	Rip Rap	X	—	—	X	09/23/2015
3M-SMA-0.5	H00306010019	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010020	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010021	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010022	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010023	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010024	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010025	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010026	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010027	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010028	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-0.5	H00306010029	Check Dam	Rock Check Dam	—	X	—	X	09/23/2015
3M-SMA-4	H00601010017	Seed and Mulch	Seed and Wood Mulch	X	—	—	X	09/30/2015
3M-SMA-4	H00603010016	Berm	Earthen Berm	—	X	—	X	09/30/2015
3M-SMA-4	H00604060013	Channel/Swale	Rip Rap	X	—	—	X	09/30/2015
3M-SMA-4	H00604060015	Channel/Swale	Rip Rap	X	—	—	X	09/30/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
3M-SMA-4	H00606010011	Check Dam	Rock Check Dam	—	X	—	X	09/30/2015
3M-SMA-4	H00607010012	Gabion	Gabion	—	X	—	X	09/30/2015
3M-SMA-4	H00607010014	Gabion	Gabion	—	X	—	X	09/30/2015
3M-SMA-4	H00608030018	Cap	Concrete/Asphalt Cap	—	X	—	X	09/30/2015
PJ-SMA-1.05	J00103010020	Berm	Earthen Berm	—	X	—	X	08/10/2015
PJ-SMA-1.05	J00103010021	Berm	Earthen Berm	—	X	—	X	08/10/2015
PJ-SMA-1.05	J00103010022	Berm	Earthen Berm	—	X	—	X	08/10/2015
PJ-SMA-5	J00503010025	Berm	Earthen Berm	—	X	—	X	02/10/2015
PJ-SMA-5	J00503030019	Berm	Log Berm	—	X	X	—	02/10/2015
PJ-SMA-5	J00503120026	Berm	Rock Berm	—	X	—	X	02/10/2015
PJ-SMA-5	J00503120027	Berm	Rock Berm	—	X	—	X	02/10/2015
PJ-SMA-5	J00503120028	Berm	Rock Berm	—	X	—	X	02/10/2015
PJ-SMA-5	J00504040016	Channel/Swale	Culvert	X	—	X	—	02/10/2015
PJ-SMA-5	J00504060017	Channel/Swale	Rip Rap	X	—	X	—	02/10/2015
PJ-SMA-5	J00504060020	Channel/Swale	Rip Rap	X	—	X	—	02/10/2015
PJ-SMA-5	J00506010018	Check Dam	Rock Check Dam	—	X	X	—	02/10/2015
PJ-SMA-5	J00506010021	Check Dam	Rock Check Dam	—	X	X	—	02/10/2015
PJ-SMA-5	J00506010022	Check Dam	Rock Check Dam	—	X	—	X	02/10/2015
PJ-SMA-5	J00506010023	Check Dam	Rock Check Dam	—	X	—	X	02/10/2015
PJ-SMA-5	J00506010024	Check Dam	Rock Check Dam	—	X	—	X	02/10/2015
PJ-SMA-9	J01001030022	Seed and Mulch	Hydromulch	X	—	—	—	09/17/2015
PJ-SMA-9	J01003010016	Berm	Earthen Berm	—	X	X	—	09/17/2015
PJ-SMA-9	J01003010017	Berm	Earthen Berm	—	X	X	—	09/17/2015
PJ-SMA-9	J01003010018	Berm	Earthen Berm	—	X	X	—	09/17/2015
PJ-SMA-9	J01003010019	Berm	Earthen Berm	—	X	—	X	09/17/2015
PJ-SMA-9	J01003140021	Berm	Coir Log	—	X	—	X	09/17/2015
PJ-SMA-9	J01004060020	Channel/Swale	Rip Rap	X	—	X	—	09/17/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
PJ-SMA-10	J01201060027	Seed and Mulch	Erosion Control Blanket	X	—	—	X	09/22/2015
PJ-SMA-10	J01203140018	Berm	Coir Log	—	X	—	X	09/22/2015
PJ-SMA-10	J01203140019	Berm	Coir Log	—	X	—	X	09/22/2015
PJ-SMA-10	J01203140020	Berm	Coir Log	—	X	—	X	09/22/2015
PJ-SMA-10	J01203140028	Berm	Coir Log	—	X	X	—	09/22/2015
PJ-SMA-10	J01203140029	Berm	Coir Log	—	X	—	X	09/22/2015
PJ-SMA-10	J01204030030	Channel/Swale	Rock Channel/Swale	—	X	—	X	09/22/2015
PJ-SMA-10	J01204050016	Channel/Swale	Water Bar	—	X	X	—	09/22/2015
PJ-SMA-10	J01206010011	Check Dam	Rock Check Dam	—	X	—	X	09/22/2015
PJ-SMA-10	J01206010012	Check Dam	Rock Check Dam	—	X	—	X	09/22/2015
PJ-SMA-10	J01206010013	Check Dam	Rock Check Dam	—	X	—	X	09/22/2015
PJ-SMA-10	J01206010014	Check Dam	Rock Check Dam	—	X	—	X	09/22/2015
PJ-SMA-10	J01206010015	Check Dam	Rock Check Dam	—	X	—	X	09/22/2015
PJ-SMA-10	J01206010017	Check Dam	Rock Check Dam	—	X	—	X	09/22/2015
PJ-SMA-10	J01206010021	Check Dam	Rock Check Dam	—	X	X	—	09/22/2015
PJ-SMA-10	J01206010022	Check Dam	Rock Check Dam	—	X	X	—	09/22/2015
PJ-SMA-10	J01206010023	Check Dam	Rock Check Dam	—	X	X	—	09/22/2015
PJ-SMA-10	J01206010024	Check Dam	Rock Check Dam	—	X	X	—	09/22/2015
PJ-SMA-10	J01206010025	Check Dam	Rock Check Dam	—	X	X	—	09/22/2015
PJ-SMA-10	J01206010026	Check Dam	Rock Check Dam	—	X	X	—	09/22/2015
PJ-SMA-10	J01206010031	Check Dam	Rock Check Dam	—	X	—	X	09/22/2015
PJ-SMA-11	J01303010024	Berm	Earthen Berm	—	X	—	X	03/04/2015
PJ-SMA-11	J01303010025	Berm	Earthen Berm	—	X	—	X	03/04/2015
PJ-SMA-11	J01303010026	Berm	Earthen Berm	—	X	—	X	03/04/2015
PJ-SMA-11	J01303010027	Berm	Earthen Berm	—	X	—	X	03/04/2015
PJ-SMA-11.1	J01403010020	Berm	Earthen Berm	—	X	—	X	03/04/2015
PJ-SMA-11.1	J01403010021	Berm	Earthen Berm	—	X	—	X	03/04/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
PJ-SMA-11.1	J01403010022	Berm	Earthen Berm	—	X	—	X	03/04/2015
PJ-SMA-11.1	J01403010023	Berm	Earthen Berm	—	X	—	X	03/04/2015
STRM-SMA-1.5	J02904010019	Channel/Swale	Earthen Channel/Swale	X	—	X	—	07/27/2015
STRM-SMA-1.5	J02904060020	Channel/Swale	Rip Rap	X	—	X	—	07/27/2015
CDV-SMA-1.7	V00503010027	Berm	Earthen Berm	—	X	—	X	07/24/2015
CDV-SMA-1.7	V00503010028	Berm	Earthen Berm	—	X	—	X	07/24/2015
CDV-SMA-1.7	V00506010029	Check Dam	Rock Check Dam	—	X	—	X	07/24/2015
CDV-SMA-1.7	V00506010030	Check Dam	Rock Check Dam	—	X	—	X	07/24/2015
CDV-SMA-1.7	V00506010031	Check Dam	Rock Check Dam	—	X	—	X	07/24/2015
CDV-SMA-2.42	V008A01030022	Seed and Mulch	Hydromulch	X	—	—	—	08/28/2015
CDV-SMA-2.42	V008A03010021	Berm	Earthen Berm	—	X	—	X	08/28/2015
CDV-SMA-2.42	V008A03010024	Berm	Earthen Berm	—	X	X	—	08/28/2015
CDV-SMA-2.42	V008A04040023	Channel/Swale	Culvert	X	—	—	—	08/28/2015
CDV-SMA-6.01	V01203010017	Berm	Earthen Berm	—	X	X	—	09/17/2015
CDV-SMA-6.01	V01203010018	Berm	Earthen Berm	—	X	—	X	09/17/2015
CDV-SMA-7	V01303140010	Berm	Coir Log	—	X	—	X	06/18/2015
CDV-SMA-7	V01303140011	Berm	Coir Log	—	X	—	X	06/18/2015
CDV-SMA-7	V01303140012	Berm	Coir Log	—	X	—	X	06/18/2015
CDV-SMA-7	V01303140013	Berm	Coir Log	—	X	X	—	06/18/2015
CDV-SMA-7	V01304010015	Channel/Swale	Earthen Channel/Swale	X	—	X	—	06/18/2015
CDV-SMA-7	V01306010014	Check Dam	Rock Check Dam	—	X	X	—	06/18/2015
F-SMA-2	F00103010025	Berm	Earthen Berm	—	X	X	—	08/21/2015
F-SMA-2	F00103010026	Berm	Earthen Berm	—	X	X	—	08/21/2015
F-SMA-2	F00103010027	Berm	Earthen Berm	—	X	X	—	08/21/2015
F-SMA-2	F00103010028	Berm	Earthen Berm	—	X	—	X	08/21/2015
F-SMA-2	F00103010029	Berm	Earthen Berm	—	X	—	X	08/21/2015
F-SMA-2	F00103010030	Berm	Earthen Berm	—	X	—	X	08/21/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
F-SMA-2	F00103010031	Berm	Earthen Berm	—	X	X	—	08/21/2015
F-SMA-2	F00103010036	Berm	Earthen Berm	—	X	X	—	08/21/2015
F-SMA-2	F00103010037	Berm	Earthen Berm	—	X	X	—	08/21/2015
F-SMA-2	F00103010039	Berm	Earthen Berm	—	X	—	X	08/21/2015
F-SMA-2	F00103010040	Berm	Earthen Berm	—	X	—	X	08/21/2015
F-SMA-2	F00103010041	Berm	Earthen Berm	—	X	—	X	08/21/2015
F-SMA-2	F00103010042	Berm	Earthen Berm	—	X	—	X	08/21/2015
F-SMA-2	F00103010043	Berm	Earthen Berm	—	X	—	X	08/21/2015
F-SMA-2	F00103010044	Berm	Earthen Berm	—	X	—	X	08/21/2015
F-SMA-2	F00103120021	Berm	Rock Berm	—	X	—	—	08/21/2015
F-SMA-2	F00103120023	Berm	Rock Berm	—	X	—	X	08/21/2015
F-SMA-2	F00104010038	Channel/Swale	Earthen Channel/Swale	X	—	X	—	08/21/2015
F-SMA-2	F00104050032	Channel/Swale	Water Bar	X	—	—	—	08/21/2015
F-SMA-2	F00104050033	Channel/Swale	Water Bar	X	—	—	—	08/21/2015
F-SMA-2	F00104060034	Channel/Swale	Rip Rap	X	—	—	—	08/21/2015
F-SMA-2	F00105060022	Sediment Traps and Basins	Infiltration Basin	—	X	—	X	08/21/2015
PT-SMA-1	I00203010039	Berm	Earthen Berm	—	X	—	X	09/15/2015
PT-SMA-1	I00203120038	Berm	Rock Berm	—	X	X	—	09/15/2015
PT-SMA-1	I00203140040	Berm	Coir Log	—	X	—	X	09/15/2015
PT-SMA-1	I00203140041	Berm	Coir Log	—	X	—	X	09/15/2015
PT-SMA-2	I00403010021	Berm	Earthen Berm	—	X	—	X	08/31/2015
PT-SMA-2	I00403010022	Berm	Earthen Berm	—	X	X	—	08/31/2015
PT-SMA-2	I00403010024	Berm	Earthen Berm	—	X	—	X	08/31/2015
PT-SMA-2	I00403060012	Berm	Straw Wattle	—	X	X	—	08/31/2015
PT-SMA-2	I00403060013	Berm	Straw Wattle	—	X	—	X	08/31/2015
PT-SMA-2	I00403120023	Berm	Rock Berm	—	X	—	X	08/31/2015
PT-SMA-2	I00404060020	Channel/Swale	Rip Rap	X	—	X	—	08/31/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
PT-SMA-2	I00406010014	Check Dam	Rock Check Dam	—	X	—	X	08/31/2015
PT-SMA-2	I00406010015	Check Dam	Rock Check Dam	—	X	—	X	08/31/2015
PT-SMA-2	I00406010016	Check Dam	Rock Check Dam	—	X	—	X	08/31/2015
PT-SMA-2	I00406010017	Check Dam	Rock Check Dam	—	X	—	X	08/31/2015
PT-SMA-2	I00406010018	Check Dam	Rock Check Dam	—	X	—	X	08/31/2015
PT-SMA-2	I00406010019	Check Dam	Rock Check Dam	—	X	—	X	08/31/2015
PT-SMA-2	I00406010025	Check Dam	Rock Check Dam	—	X	—	X	08/31/2015
PT-SMA-3	I00503010030	Berm	Earthen Berm	X	—	X	—	05/28/2015
PT-SMA-3	I00504010029	Channel/Swale	Earthen Channel/Swale	—	—	—	—	05/28/2015
PT-SMA-3	I00504060038	Channel/Swale	Rip Rap	—	X	—	X	05/28/2015
PT-SMA-3	I00505020037	Sediment Traps and Basins	Sediment Basin	—	X	—	X	05/28/2015
PT-SMA-3	I00506010031	Check Dam	Rock Check Dam	—	X	X	—	05/28/2015
PT-SMA-3	I00506010032	Check Dam	Rock Check Dam	—	X	X	—	05/28/2015
PT-SMA-3	I00506010033	Check Dam	Rock Check Dam	—	X	X	—	05/28/2015
PT-SMA-3	I00506010034	Check Dam	Rock Check Dam	—	X	X	—	05/28/2015
PT-SMA-3	I00506010035	Check Dam	Rock Check Dam	—	X	X	—	05/28/2015
PT-SMA-3	I00506010036	Check Dam	Rock Check Dam	—	X	X	—	05/28/2015
PT-SMA-4.2	I00701060021	Seed and Mulch	Erosion Control Blanket	X	—	—	—	10/07/2015
PT-SMA-4.2	I00703010014	Berm	Earthen Berm	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703010022	Berm	Earthen Berm	X	—	—	—	10/07/2015
PT-SMA-4.2	I00703010024	Berm	Earthen Berm	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703010025	Berm	Earthen Berm	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703010026	Berm	Earthen Berm	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703010027	Berm	Earthen Berm	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703010028	Berm	Earthen Berm	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703010029	Berm	Earthen Berm	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703140015	Berm	Coir Log	—	X	—	X	10/07/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
PT-SMA-4.2	I00703140016	Berm	Coir Log	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703140017	Berm	Coir Log	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703140018	Berm	Coir Log	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703140019	Berm	Coir Log	—	X	—	X	10/07/2015
PT-SMA-4.2	I00703140020	Berm	Coir Log	—	X	—	X	10/07/2015
PT-SMA-4.2	I00704050023	Channel/Swale	Water Bar	—	X	—	X	10/07/2015
PT-SMA-4.2	I00704060034	Channel/Swale	Rip Rap	—	X	—	X	10/07/2015
PT-SMA-4.2	I00706010010	Check Dam	Rock Check Dam	—	X	X	—	10/07/2015
PT-SMA-4.2	I00706010011	Check Dam	Rock Check Dam	—	X	X	—	10/07/2015
PT-SMA-4.2	I00706010012	Check Dam	Rock Check Dam	—	X	—	X	10/07/2015
PT-SMA-4.2	I00706010013	Check Dam	Rock Check Dam	—	X	—	X	10/07/2015
PT-SMA-4.2	I00706010031	Check Dam	Rock Check Dam	—	X	—	X	10/07/2015
PT-SMA-4.2	I00706010032	Check Dam	Rock Check Dam	—	X	—	X	10/07/2015
PT-SMA-4.2	I00706010033	Check Dam	Rock Check Dam	—	X	—	X	10/07/2015
W-SMA-1.5	W00203010020	Berm	Earthen Berm	—	X	—	X	07/21/2015
W-SMA-1.5	W00205020021	Sediment Traps and Basins	Sediment Basin	—	X	—	X	07/21/2015
W-SMA-7	W00801030048	Seed and Mulch	Hydromulch	X	—	—	—	08/24/2015
W-SMA-7	W00803010049	Berm	Earthen Berm	—	X	—	X	08/24/2015
W-SMA-7	W00803140035	Berm	Coir Log	—	X	—	X	08/24/2015
W-SMA-7	W00803140036	Berm	Coir Log	—	X	—	X	08/24/2015
W-SMA-7	W00803140037	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140038	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140039	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140040	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140041	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140042	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140043	Berm	Coir Log	—	X	X	—	08/24/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
W-SMA-7	W00803140044	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140045	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140046	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00803140047	Berm	Coir Log	—	X	X	—	08/24/2015
W-SMA-7	W00806010026	Check Dam	Rock Check Dam	—	X	X	—	08/24/2015
W-SMA-7	W00806010027	Check Dam	Rock Check Dam	—	X	X	—	08/24/2015
W-SMA-7	W00806010028	Check Dam	Rock Check Dam	—	X	X	—	08/24/2015
W-SMA-7	W00806010029	Check Dam	Rock Check Dam	—	X	—	X	08/24/2015
W-SMA-7	W00806010030	Check Dam	Rock Check Dam	—	X	X	—	08/24/2015
W-SMA-7	W00806010031	Check Dam	Rock Check Dam	—	X	X	—	08/24/2015
W-SMA-7	W00806010032	Check Dam	Rock Check Dam	—	X	X	—	08/24/2015
W-SMA-7	W00806010033	Check Dam	Rock Check Dam	—	X	X	—	08/24/2015
W-SMA-7	W00806010034	Check Dam	Rock Check Dam	—	X	X	—	08/24/2015
W-SMA-8.71	W012A03010007	Berm	Earthen Berm	—	X	—	X	07/13/2015
A-SMA-3	A00603020023	Berm	Base Course Berm	X	—	X	—	05/28/2015
A-SMA-3	A00603140026	Berm	Coir Log	—	X	X	—	05/28/2015
A-SMA-3	A00603150027	Berm	Redi-Rock Berm	—	X	—	X	05/28/2015
A-SMA-3	A00604010022	Channel/Swale	Earthen Channel/Swale	X	—	X	—	05/28/2015
A-SMA-3	A00604030025	Channel/Swale	Rock Channel/Swale	X	—	—	X	05/28/2015
A-SMA-3	A00604060024	Channel/Swale	Rip Rap	X	—	X	—	05/28/2015
A-SMA-3	A00606010028	Check Dam	Rock Check Dam	—	X	X	—	05/28/2015
A-SMA-3	A00608020029	Cap	Rock Cap	—	—	—	—	05/28/2015
CHQ-SMA-0.5	Q00103010010	Berm	Earthen Berm	—	X	—	X	09/23/2015
CHQ-SMA-0.5	Q00103010011	Berm	Earthen Berm	—	X	—	X	09/23/2015
CHQ-SMA-0.5	Q00103140009	Berm	Coir Log	—	X	—	X	09/23/2015
CHQ-SMA-1.02	Q002A03150014	Berm	Redi-Rock Berm	—	X	—	X	02/04/2015
CHQ-SMA-2	Q00303010030	Berm	Earthen Berm	—	X	X	—	10/08/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
CHQ-SMA-2	Q00303020028	Berm	Base Course Berm	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00303020029	Berm	Base Course Berm	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00303020053	Berm	Base Course Berm	—	X	X	—	10/08/2015
CHQ-SMA-2	Q00303020054	Berm	Base Course Berm	—	X	X	—	10/08/2015
CHQ-SMA-2	Q00303140031	Berm	Coir Log	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00303140032	Berm	Coir Log	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00303140033	Berm	Coir Log	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00303140034	Berm	Coir Log	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010035	Check Dam	Rock Check Dam	—	X	X	—	10/08/2015
CHQ-SMA-2	Q00306010036	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010037	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010038	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010039	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010040	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010041	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010042	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010043	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010044	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010045	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010046	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010047	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010048	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010050	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010051	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-2	Q00306010052	Check Dam	Rock Check Dam	—	X	—	X	10/08/2015
CHQ-SMA-3.05	Q00401030016	Seed and Mulch	Hydromulch	X	—	—	—	06/09/2015
CHQ-SMA-3.05	Q00403010015	Berm	Earthen Berm	—	X	—	X	06/09/2015

Table 4-2 (continued)

SMA	BMP ID	Control Measure Type	Control Measure Description	EC[a]	SC[b]	RON[c]	ROFF[d]	Installation Date
CHQ-SMA-3.05	Q00403120014	Berm	Rock Berm	—	X	—	X	06/09/2015
CHQ-SMA-3.05	Q00403140010	Berm	Coir Log	—	X	X	—	06/09/2015
CHQ-SMA-3.05	Q00403140011	Berm	Coir Log	—	X	—	X	06/09/2015
CHQ-SMA-3.05	Q00403140012	Berm	Coir Log	—	X	X	—	06/09/2015
CHQ-SMA-3.05	Q00403140013	Berm	Coir Log	—	X	—	X	06/09/2015
CHQ-SMA-6	Q00903010041	Berm	Earthen Berm	—	X	—	X	05/28/2015
CHQ-SMA-6	Q00903150043	Berm	Redi-Rock Berm	—	X	X	—	05/28/2015
CHQ-SMA-6	Q00906010042	Check Dam	Rock Check Dam	—	X	X	—	05/28/2015

[a] EC = Erosion control.

[b] SC = Sediment control.

[c] RON = Run-on control.

[d] ROFF = Runoff control.

[e] X = Control performs the identified function.

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

[g] TRM = Turf-reinforcing matting.

Table 4-3
Cumulative List of Individual Permit Sites Certified Corrective Action Complete with All Results Less than Target Action Levels

Site No.	Site Priority	Permitted Feature	Associated SMA Number	Date Issued	Reference
06-006	Moderate	E005	2M-SMA-1.45	10/30/2015	LANL 2015, 601056
53-008	Moderate	L030A	LA-SMA-10.12	Pending	Pending

Table 4-4
Cumulative List of Individual Permit Sites Certified Corrective Action Complete with No Exposure

Associated SMA Number	Site No.	Site Priority	Permitted Feature	Date Issued	Part I.E.1(b) Sample Collection Date	Reference
2M-SMA-2.2	03-003(k)	Moderate	E013	09/29/2015	No Collection	LANL 2015, 600932
CDB-SMA-4	54-017	High	C010	08/27/2014	No Collection	LANL 2014, 260884
CDB-SMA-4	54-018	High	C010	08/27/2014	No Collection	LANL 2014, 260884
CDB-SMA-4	54-020	High	C010	08/27/2014	No Collection	LANL 2014, 260884
LA-SMA-1	00-017	Moderate	L003	10/08/2014	No Collection	LANL 2015, 600932
M-SMA-4	48-005	Moderate	M006	10/31/2011	No Collection	LANL 2015, 600932
PJ-SMA-17	54-018	High	J024	08/27/2014	10/14/2015	LANL 2014, 260884
PJ-SMA-18	54-014(d)	Moderate	J026	08/28/2014	No Collection	LANL 2014, 260887
PJ-SMA-18	54-017	High	J026	08/28/2014	No Collection	LANL 2014, 260887
PJ-SMA-19	54-013(b)	High	J025	08/28/2014	No Collection	LANL 2014, 260887
PJ-SMA-19	54-017	High	J025	08/28/2014	No Collection	LANL 2014, 260887
PJ-SMA-19	54-020	High	J025	08/28/2014	No Collection	LANL 2014, 260887
PJ-SMA-20	54-017	High	J027	10/25/2013	5/22/2014	LANL 2013, 260188
S-SMA-0.25	03-013(a)	High	S001	11/03/2014	No Collection	LANL 2015, 600932
T-SMA-1	50-009	High	T002	10/31/2013	No Collection	LANL 2013, 250960
W-SMA-1	16-017(j)-99	Moderate	W001	08/29/2014	No Collection	LANL 2015, 600932

Table 4-5
Cumulative List of Individual Permit Sites with a Certificate of Completion under the Consent Order

Site No.	Site Priority	Permitted Feature	Associated SMA Number	Stage	Corrective Action Complete Status	Date Issued	Reference
00-011(a)	Moderate	R006	R-SMA-2.5	Baseline	Complete with Controls	05/07/2013	NMED 2013, 522505
00-011(c)	Moderate	R004	R-SMA-2.05	Baseline	Complete without Controls	05/16/2012	NMED 2012, 520388
00-011(d)	Moderate	B002	B-SMA-1	CACompD*	Complete with Controls	05/07/2013	NMED 2013, 522505
00-011(e)	Moderate	R005	R-SMA-2.3	Baseline	Complete with Controls	05/07/2013	NMED 2013, 522505
00-018(a)	High	P009	P-SMA-3.05	CACompD	Complete without Controls	01/28/2015	NMED 2015, 600178
00-018(b)	Moderate	P004	P-SMA-0.3	CACompD	Complete without Controls	01/14/2011	NMED 2011,111673
01-001(b)	Moderate	L007	LA-SMA-2.3	CACompD	Complete with Controls	09/10/2010	NMED 2010, 110667
01-001(c)	Moderate	L011	LA-SMA-4.2	Baseline	Complete with Controls	09/10/2010	NMED 2010, 110667
01-001(e)	High	L008	LA-SMA-3.1	Baseline	Complete with Controls	09/10/2010	NMED 2010, 110667
01-003(e)	High	L012A	LA-SMA-5.02	CACompD	Complete with Controls	09/10/2010	NMED 2010, 110667
01-006(d)	Moderate	L011	LA-SMA-4.2	Baseline	Complete with Controls	09/10/2010	NMED 2010, 110667
03-056(c)	High	S003	S-SMA-2	CACompD	Complete with Controls	02/18/2011	NMED 2011, 111821
04-001	Moderate	T010	T-SMA-7.1	Baseline	Complete without Controls	05/18/2015	NMED 2015, 600985
04-002	Moderate	T010	T-SMA-7.1	Baseline	Complete without Controls	05/18/2015	NMED 2015, 600985
04-003(b)	Moderate	T009	T-SMA-7	Baseline	Complete without Controls	05/18/2015	NMED 2015, 600985
05-001(a)	Moderate	M019	M-SMA-12.8	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-001(b)	Moderate	M020	M-SMA-12.9	CACompD	Complete without Controls	09/16/2015	NMED 2015, 600917
05-001(c)	Moderate	M022	M-SMA-13	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-002	Moderate	M020	M-SMA-12.9	CACompD	Complete without Controls	09/16/2015	NMED 2015, 600917
05-002	Moderate	M019	M-SMA-12.8	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-002	Moderate	M018	M-SMA-12.7	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-005(a)	Moderate	M018	M-SMA-12.7	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-006(b)	Moderate	M018	M-SMA-12.7	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-006(e)	Moderate	M018	M-SMA-12.7	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
21-013(b)	Moderate	L019A	LA-SMA-5.92	CACompD	Complete with Controls	06/03/2011	NMED 2011, 203706

Table 4-5 (continued)

Site No.	Site Priority	Permitted Feature	Associated SMA Number	Stage	Corrective Action Complete Status	Date Issued	Reference
21-013(g)	Moderate	L019A	LA-SMA-5.92	CACompD	Complete with Controls	06/03/2011	NMED 2011, 203706
21-018(a)	Moderate	L019A	LA-SMA-5.92	CACompD	Complete with Controls	06/03/2011	NMED 2011, 203706
21-023(c)	Moderate	L019	LA-SMA-5.91	CACompD	Complete with Controls	06/03/2011	NMED 2011, 203706
32-003	Moderate	L017A	LA-SMA-5.362	Baseline	Complete with Controls	12/20/2012	NMED 2012, 521776
32-004	Moderate	L016	LA-SMA-5.33	CACompD	Complete with Controls	12/28/2012	NMED 2012, 521746
35-003(h)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-003(p)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-003(r)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-004(a)	Moderate	T007	T-SMA-5	Baseline	Complete without Controls	10/14/2015	NMED 2015, 600985
35-004(a)	Moderate	T006	T-SMA-4	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-004(h)	High	T001	Pratt-SMA-1.05	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-008	Moderate	M012	M-SMA-10	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-009(a)	Moderate	T006	T-SMA-4	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-009(a)	Moderate	T007	T-SMA-5	Baseline	Complete with Controls	10/14/2015	NMED 2015, 600985
35-009(d)	High	T001	Pratt-SMA-1.05	CACompD	Complete without Controls	10/24/2015	NMED 2015, 600985
35-010(e)	Moderate	T008	T-SMA-6.8	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-014(e)	Moderate	M012	M-SMA-10	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-014(e2)	High	M013	M-SMA-10.3	CACompD	Complete with Controls	09/27/2013	NMED 2013, 523693
35-014(g)	Moderate	T004	T-SMA-2.85	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-014(g3)	Moderate	T003	T-SMA-2.5	Baseline	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(a)	Moderate	T007	T-SMA-5	Baseline	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(b)	Moderate	T005	T-SMA-3	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(c)	Moderate	T006	T-SMA-4	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(d)	Moderate	T006	T-SMA-4	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(e)	Moderate	M012A	M-SMA-10.01	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(f)	Moderate	M011	M-SMA-9.1	Baseline	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(i)	High	M013	M-SMA-10.3	CACompD	Complete with Controls	09/27/2013	NMED 2013, 523693

Table 4-5 (continued)

Site No.	Site Priority	Permitted Feature	Associated SMA Number	Stage	Corrective Action Complete Status	Date Issued	Reference
35-016(k)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(l)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(m)	High	T001	Pratt-SMA-1.05	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(n)	Moderate	T004	T-SMA-2.85	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(o)	Moderate	M014	M-SMA-11.1	Baseline	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(p)	Moderate	M015	M-SMA-12	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(q)	Moderate	T007	T-SMA-5	Baseline	Complete without Controls	10/14/2015	NMED 2015, 600985
39-001(b)	Moderate	A005	A-SMA-2.8	Baseline	Complete without Controls	04/06/2010	NMED 2010, 110430
39-002(c)	Moderate	A004	A-SMA-2.7	CACompD	Complete without Controls	04/06/2010	NMED 2010, 110430
43-001(b2)	Moderate	L004	LA-SMA-1.1	CACompD	Complete with Controls	09/10/2010	NMED 2010, 110667
45-001	Moderate	P002	ACID-SMA-2	CACompD	Complete without Controls	02/22/2013	NMED 2013, 522072
45-002	Moderate	P002	ACID-SMA-2	CACompD	Complete without Controls	02/22/2013	NMED 2013, 522072
45-004	Moderate	P002	ACID-SMA-2	CACompD	Complete without Controls	02/22/2013	NMED 2013, 522072
46-004(m)	Moderate	C003	CDB-SMA-0.55	CACompD	Complete without Controls	07/13/2012	NMED 2012, 520940
48-007(a)	Moderate	M006	M-SMA-4	CACompD	Complete with Controls	09/07/2010	NMED 2010, 110665
48-007(d)	Moderate	M006	M-SMA-4	CACompD	Complete with Controls	09/07/2010	NMED 2010, 110665
48-010	Moderate	M006	M-SMA-4	CACompD	Complete with Controls	09/07/2010	NMED 2010, 110665
53-001(b)	Moderate	S009	S-SMA-3.72	CACompD	Complete without Controls	07/31/2013	NMED 2013, 523159
53-002(a)	Moderate	L030	LA-SMA-10.11	Baseline	Complete with Controls	09/13/2006	NMED 2006, 095421
53-014	High	S011	S-SMA-4.1	CACompD	Complete without Controls	07/31/2013	NMED 2013, 523159
73-002	Moderate	P006	P-SMA-2	CACompD	Complete with Controls	08/13/2007	NMED 2007, 098441
73-006	Moderate	P006	P-SMA-2	CACompD	Complete with Controls	08/13/2007	NMED 2007, 098441
C-00-020	Moderate	R001	R-SMA-0.5	CACompD	Complete without Controls	05/16/2012	NMED 2012, 520388
C-46-001	Moderate	C004	CDB-SMA-1	CACompD	Complete without Controls	07/13/2012	NMED 2012, 520940

*CACompD = Corrective action is complete under the Permit with certification of RCRA completion of corrective action.

Table 4-6
Cumulative List of Individual Permit Sites with Force Majeure Extension Requests

Site No.	Permitted Feature	Associated SMA	Date Requested	Reference
01-002(b)-00	P002	ACID-SMA-2	10/30/2015	LANL 2015, 600979
01-002(b)-00	P002A	ACID-SMA-2.1	10/30/2015	LANL 2015, 600979
03-012(b)	S003	S-SMA-2	09/23/2013	LANL 2013, 250039
03-014(b2)	S005B	S-SMA-3.53	09/23/2013	LANL 2013, 250039
03-029	S002	S-SMA-1.1	09/23/2013	LANL 2013, 250039
03-052(b)	S003A	S-SMA-2.01	09/23/2013	LANL 2013, 250039
03-052(f)	S001	S-SMA-0.25	09/10/2015	LANL 2015, 600910
05-004	M017	M-SMA-12.6	10/30/2015	LANL 2015, 600979
10-001(a)	B001	B-SMA-0.5	10/30/2015	LANL 2015, 600979
10-001(b)	B001	B-SMA-0.5	10/30/2015	LANL 2015, 600979
10-001(c)	B001	B-SMA-0.5	10/30/2015	LANL 2015, 600979
10-001(d)	B001	B-SMA-0.5	10/30/2015	LANL 2015, 600979
10-004(a)	B001	B-SMA-0.5	10/30/2015	LANL 2015, 600979
10-004(b)	B001	B-SMA-0.5	10/30/2015	LANL 2015, 600979
10-008	B001	B-SMA-0.5	10/30/2015	LANL 2015, 600979
10-009	B001	B-SMA-0.5	10/30/2015	LANL 2015, 600979
16-017(a)-99	V002	CDV-SMA-1.3	10/30/2015	LANL 2015, 600979
16-026(m)	V002	CDV-SMA-1.3	10/30/2015	LANL 2015, 600979
21-009	L019	LA-SMA-5.91	10/30/2015	LANL 2015, 600979
21-013(c)	D007	DP-SMA-3	10/30/2015	LANL 2015, 600979
21-024(j)	L027	LA-SMA-6.395	10/30/2015	LANL 2015, 600979
21-027(d)	L019	LA-SMA-5.91	10/30/2015	LANL 2015, 600979
21-029	D001	DP-SMA-0.3	10/30/2015	LANL 2015, 600979
50-006(a)	T002	T-SMA-1	09/23/2013	LANL 2013, 250038
60-007(b)	S006	S-SMA-3.6	09/23/2013	LANL 2013, 250039
C-00-041	R002	R-SMA-1	10/30/2015	LANL 2015, 600979

Table 4-7
Cumulative List of Individual Permit Sites with Requests for Alternative Compliance

Site No.	Permitted Feature	Associated SMA	Request for Alternative Compliance	Reference
09-004(g)	J004	PJ-SMA-4.05	05/06/2015	LANL 2015, 600419
09-005(g)	J004	PJ-SMA-4.05	05/06/2015	LANL 2015, 600419
20-002(a)	S010	S-SMA-3.95	05/06/2015	LANL 2015, 600419
08-009(f)	J028	STRM-SMA-1.05	05/06/2015	LANL 2015, 600417
03-055(c)	L001	LA-SMA-0.85	05/06/2015	LANL 2015, 600417
C-43-001	L005	LA-SMA-1.25	05/06/2015	LANL 2015, 600417
C-41-004	L014	LA-SMA-5.35	05/06/2015	LANL 2015, 600417
46-004(c2)	C002	CDB-SMA-0.25	05/06/2015	LANL 2015, 600417
46-004(e2)	C002	CDB-SMA-0.25	05/06/2015	LANL 2015, 600417
21-021	L027	LA-SMA-6.395	05/06/2015	LANL 2015, 600419
20-005	S015	S-SMA-5.5	05/06/2015	LANL 2015, 600419
15-004(h)	W021	W-SMA-14.1	05/06/2015	LANL 2015, 600419
15-014(l)	W021	W-SMA-14.1	05/06/2015	LANL 2015, 600419
13-001	W012	W-SMA-8.7	05/06/2015	LANL 2015, 600417
13-002	W012	W-SMA-8.7	05/06/2015	LANL 2015, 600417
16-004(a)	W012	W-SMA-8.7	05/06/2015	LANL 2015, 600417
16-026(j2)	W012	W-SMA-8.7	05/06/2015	LANL 2015, 600417
16-029(h)	W012	W-SMA-8.7	05/06/2015	LANL 2015, 600417
16-035	W012	W-SMA-8.7	05/06/2015	LANL 2015, 600417
11-011(a)	W015	W-SMA-9.7	05/06/2015	LANL 2015, 600417
11-011(b)	W015	W-SMA-9.7	05/06/2015	LANL 2015, 600417
03-045(h)	M002B	M-SMA-1.22	05/06/2015	LANL 2015, 600417
21-021	L019	LA-SMA-5.91	05/06/2015	LANL 2015, 600419
46-004(s)	C003	CDB-SMA-0.55	05/06/2015	LANL 2015, 600417
46-006(f)	C003	CDB-SMA-0.55	05/06/2015	LANL 2015, 600417
46-004(g)	C003	CDB-SMA-0.55	05/06/2015	LANL 2015, 600417
16-010(i)	V009A	CDV-SMA-2.51	05/06/2015	LANL 2015, 600419
21-021	D006	DP-SMA-2.35	05/06/2015	LANL 2015, 600419
21-024(n)	D006	DP-SMA-2.35	05/06/2015	LANL 2015, 600419
15-011(c)	V014	CDV-SMA-8	05/06/2015	LANL 2015, 600417
33-004(d)	Q003	CHQ-SMA-2	05/06/2015	LANL 2015, 600417
C-33-003	Q003	CHQ-SMA-2	05/06/2015	LANL 2015, 600417
16-021(c)	V006	CDV-SMA-2	05/06/2015	LANL 2015, 600419
33-004(k)	A009	A-SMA-6	05/06/2015	LANL 2015, 600417
33-007(a)	A009	A-SMA-6	05/06/2015	LANL 2015, 600417
33-010(a)	A009	A-SMA-6	05/06/2015	LANL 2015, 600417

Table 4-7 (continued)

Site No.	Permitted Feature	Associated SMA	Request for Alternative Compliance	Reference
03-050(a)	M001	M-SMA-1	05/06/2015	LANL 2015, 600417
03-054(e)	M001	M-SMA-1	05/06/2015	LANL 2015, 600417
26-001	L029	LA-SMA-9	05/06/2015	LANL 2015, 600419
26-002(a)	L029	LA-SMA-9	05/06/2015	LANL 2015, 600417
26-002(b)	L029	LA-SMA-9	05/06/2015	LANL 2015, 600419
26-003	L029	LA-SMA-9	05/06/2015	LANL 2015, 600417
33-011(b)	Q007	CHQ-SMA-4.5	05/06/2015	LANL 2015, 600419
16-026(c2)	W001	W-SMA-1	05/06/2015	LANL 2015, 600419
16-026(v)	W001	W-SMA-1	05/06/2015	LANL 2015, 600419
16-001(e)	W006	W-SMA-5	05/06/2015	LANL 2015, 600417
16-003(f)	W006	W-SMA-5	05/06/2015	LANL 2015, 600417
16-026(b)	W006	W-SMA-5	05/06/2015	LANL 2015, 600417
16-026(c)	W006	W-SMA-5	05/06/2015	LANL 2015, 600417
16-026(d)	W006	W-SMA-5	05/06/2015	LANL 2015, 600417
16-026(e)	W006	W-SMA-5	05/06/2015	LANL 2015, 600417
03-050(d)	E012	2M-SMA-2	05/06/2015	LANL 2015, 600417
03-054(b)	E012	2M-SMA-2	05/06/2015	LANL 2015, 600417
15-009(c)	H003	3M-SMA-0.5	05/06/2015	LANL 2015, 600417
03-010(a)	E001	2M-SMA-1	05/06/2015	LANL 2015, 600417
03-055(a)	E009	2M-SMA-1.7	05/06/2015	LANL 2015, 600417
03-001(k)	E010	2M-SMA-1.8	05/06/2015	LANL 2015, 600417
15-006(b)	H002	3M-SMA-0.4	05/06/2015	LANL 2015, 600419
03-003(a)	E011	2M-SMA-1.9	05/06/2015	LANL 2015, 600417
33-016	Q006	CHQ-SMA-4.1	05/06/2015	LANL 2015, 600419
01-003(b)	L010	LA-SMA-4.1	05/06/2015	LANL 2015, 600417
01-006(b)	L010	LA-SMA-4.1	05/06/2015	LANL 2015, 600417
50-006(d)	M010	M-SMA-7.9	04/21/2014	LANL 2014, 255538
22-014(a)	E003	2M-SMA-1.43	05/06/2015	LANL 2015, 600417
22-015(a)	E003	2M-SMA-1.43	05/06/2015	LANL 2015, 600417
21-021	D002	DP-SMA-0.4	05/06/2015	LANL 2015, 600417
C-00-044	L003	LA-SMA-1	05/06/2015	LANL 2015, 600417
48-007(c)	M003	M-SMA-3	05/06/2015	LANL 2015, 600417
48-001	M003	M-SMA-3	05/06/2015	LANL 2015, 600419
48-001	M006	M-SMA-4	05/06/2015	LANL 2015, 600419
35-016(h)	M008	M-SMA-6	05/06/2015	LANL 2015, 600417
35-016(g)	M009	M-SMA-7	05/06/2015	LANL 2015, 600417
40-010	J007	PJ-SMA-6	05/06/2015	LANL 2015, 600419

Table 6-1
Individual Permit
Rain Gage Network during 2015

Rain Gage	Number of SMAs
LANL Meteorology Towers	
RG-NCOM	3
RG-TA-06	23
RG-TA-53	11
RG-TA-54	6
LANL Seasonal Rain Gages	
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 6-2
Summary of Post-Storm Inspections

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
05/04/2015	RG340	0.25	A007	A-SMA-3.5	05/18/2015	Yes
			A008	A-SMA-4	05/18/2015	Yes
			A009	A-SMA-6	05/18/2015	Yes
			Q001	CHQ-SMA-0.5	05/18/2015	Yes
			Q002	CHQ-SMA-1.01	05/18/2015	Yes
			Q002A	CHQ-SMA-1.02	05/18/2015	Yes
			Q002B	CHQ-SMA-1.03	05/18/2015	Yes
			Q003	CHQ-SMA-2	05/18/2015	Yes
			Q004	CHQ-SMA-3.05	05/18/2015	Yes
			Q005	CHQ-SMA-4	05/18/2015	Yes
			Q006	CHQ-SMA-4.1	05/18/2015	Yes
			Q007	CHQ-SMA-4.5	05/18/2015	Yes
			Q008	CHQ-SMA-5.05	05/18/2015	Yes
			Q009	CHQ-SMA-6	05/18/2015	Yes
			Q010	CHQ-SMA-7.1	05/18/2015	Yes
05/21/2015	R340	0.27	A007	A-SMA-3.5	05/28/2015	Yes
			A008	A-SMA-4	05/28/2015	Yes
			A009	A-SMA-6	05/28/2015	Yes
			Q001	CHQ-SMA-0.5	05/28/2015	Yes
			Q002	CHQ-SMA-1.01	05/29/2015	Yes
			Q002A	CHQ-SMA-1.02	05/28/2015	Yes
			Q002B	CHQ-SMA-1.03	05/28/2015	Yes
			Q003	CHQ-SMA-2	05/29/2015	Yes
			Q004	CHQ-SMA-3.05	06/02/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
05/21/2015	R340	0.27	Q005	CHQ-SMA-4	05/28/2015	Yes
			Q006	CHQ-SMA-4.1	05/29/2015	Yes
			Q007	CHQ-SMA-4.5	05/29/2015	Yes
			Q008	CHQ-SMA-5.05	05/29/2015	Yes
			Q009	CHQ-SMA-6	06/02/2015	Yes
			Q010	CHQ-SMA-7.1	05/29/2015	Yes
05/21/2015	RG-TA-53	0.27	B001	B-SMA-0.5	06/02/2015	Yes
05/25/2015		0.29	D008	DP-SMA-4	06/02/2015	Yes
06/07/2015		0.29	L030	LA-SMA-10.11	06/02/2015	Yes
			L030A	LA-SMA-10.12	06/03/2015	Yes
			L029	LA-SMA-9	06/02/2015	Yes
			P004	P-SMA-0.3	06/02/2015	Yes
			S011	S-SMA-4.1	06/02/2015	Yes
			S013	S-SMA-5	06/03/2015	Yes
			S014	S-SMA-5.2	06/03/2015	Yes
			S015	S-SMA-5.5	06/03/2015	Yes
			S016	S-SMA-6	06/03/2015	Yes
06/01/2015	RG121.9	0.27	E001	2M-SMA-1	06/05/2015	Yes
			E011	2M-SMA-1.9	06/10/2015	Yes
			E012	2M-SMA-2	06/08/2015	Yes
			E013	2M-SMA-2.2	06/08/2015	Yes
			L001	LA-SMA-0.85	06/10/2015	Yes
			L002	LA-SMA-0.9	06/11/2015	Yes
			L003	LA-SMA-1	06/11/2015	Yes
			L004	LA-SMA-1.1	06/11/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/01/2015	RG121.9	0.27	L005	LA-SMA-1.25	06/11/2015	Yes
			M001	M-SMA-1	06/10/2015	Yes
			M002	M-SMA-1.2	06/10/2015	Yes
			M002A	M-SMA-1.21	06/10/2015	Yes
			M002B	M-SMA-1.22	06/10/2015	Yes
			S001	S-SMA-0.25	06/08/2015	Yes
			S002	S-SMA-1.1	06/04/2015	Yes
			S003	S-SMA-2	06/08/2015	Yes
			S003A	S-SMA-2.01	06/05/2015	Yes
			S004	S-SMA-2.8	06/04/2015	Yes
			S005	S-SMA-3.51	06/05/2015	Yes
			S005A	S-SMA-3.52	06/05/2015	Yes
			S005B	S-SMA-3.53	06/05/2015	Yes
			S006	S-SMA-3.6	06/08/2015	Yes
06/07/2015	RG203	0.25	M016	M-SMA-12.5	06/17/2015	Yes
			M017	M-SMA-12.6	06/17/2015	Yes
			M018	M-SMA-12.7	06/17/2015	Yes
			M019	M-SMA-12.8	06/17/2015	Yes
			M020	M-SMA-12.9	06/17/2015	Yes
			M021	M-SMA-12.92	06/17/2015	Yes
			M022	M-SMA-13	06/17/2015	Yes
			S007	S-SMA-3.7	06/18/2015	Yes
			S008	S-SMA-3.71	06/18/2015	Yes
			S009	S-SMA-3.72	06/18/2015	Yes
			S010	S-SMA-3.95	06/18/2015	Yes
			S012	S-SMA-4.5	06/23/2015	No - 16 days to inspect

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/07/2015	RG-TA-53	0.29	B001	B-SMA-0.5	06/23/2015	No - 16 days to inspect
			D008	DP-SMA-4	06/23/2015	No - 16 days to inspect
			L030	LA-SMA-10.11	06/22/2015	Yes
			L030A	LA-SMA-10.12	06/22/2015	Yes
			L029	LA-SMA-9	06/23/2015	No - 16 days to inspect
			P004	P-SMA-0.3	06/23/2015	No - 16 days to inspect
			S011	S-SMA-4.1	06/23/2015	No - 16 days to inspect
			S013	S-SMA-5	06/18/2015	Yes
			S014	S-SMA-5.2	06/23/2015	No - 16 days to inspect
			S015	S-SMA-5.5	06/22/2015	Yes
			S016	S-SMA-6	06/23/2015	No - 16 days to inspect
06/10/2015	RG-TA-06	0.28	E002	2M-SMA-1.42	06/24/2015	Yes
			E003	2M-SMA-1.43	06/24/2015	Yes
			E004	2M-SMA-1.44	06/24/2015	Yes
			E005	2M-SMA-1.45	06/24/2015	Yes
			E006	2M-SMA-1.5	06/24/2015	Yes
			E007	2M-SMA-1.65	06/24/2015	Yes
			E008	2M-SMA-1.67	06/24/2015	Yes
			E009	2M-SMA-1.7	06/24/2015	Yes
			E010	2M-SMA-1.8	06/24/2015	Yes
			E015	2M-SMA-2.5	06/24/2015	Yes
			E014	2M-SMA-3	06/24/2015	Yes
			H001	3M-SMA-0.2	06/24/2015	Yes
			M003	M-SMA-3	06/23/2015	Yes
			M004	M-SMA-3.1	06/24/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/10/2015	RG-TA-06	0.28	J012	PJ-SMA-10	06/24/2015	Yes
			J013	PJ-SMA-11	06/24/2015	Yes
			J014	PJ-SMA-11.1	06/24/2015	Yes
			J005	PJ-SMA-5	06/24/2015	Yes
			J006	PJ-SMA-5.1	06/24/2015	Yes
			J007	PJ-SMA-6	06/24/2015	Yes
			J008	PJ-SMA-7	06/24/2015	Yes
			J009	PJ-SMA-8	06/24/2015	Yes
			J010	PJ-SMA-9	06/24/2015	Yes
06/16/2015	RG253	0.3	V001	CDV-SMA-1.2	06/22/2015	Yes
			V002	CDV-SMA-1.3	06/22/2015	Yes
			V003	CDV-SMA-1.4	06/24/2015	Yes
			V004	CDV-SMA-1.45	06/24/2015	Yes
			V005	CDV-SMA-1.7	06/24/2015	Yes
			J002	PJ-SMA-2	06/30/2015	Yes
			W001	W-SMA-1	06/24/2015	Yes
			W002	W-SMA-1.5	06/24/2015	Yes
			W003	W-SMA-2.05	06/24/2015	Yes
06/26/2015	RG038	0.55	D001	DP-SMA-0.3	07/09/2015	Yes
			D002	DP-SMA-0.4	07/09/2015	Yes
			D003	DP-SMA-0.6	07/09/2015	Yes
			D004	DP-SMA-1	07/09/2015	Yes
			D005	DP-SMA-2	07/10/2015	Yes
			D006	DP-SMA-2.35	07/10/2015	Yes
			D007	DP-SMA-3	07/10/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG038	0.55	L015	LA-SMA-5.31	07/06/2015	Yes
			L016	LA-SMA-5.33	07/08/2015	Yes
			L017	LA-SMA-5.361	07/08/2015	Yes
			L017A	LA-SMA-5.362	07/08/2015	Yes
			L018	LA-SMA-5.51	07/06/2015	Yes
			L018A	LA-SMA-5.52	07/06/2015	Yes
			L018B	LA-SMA-5.53	07/06/2015	Yes
			L018C	LA-SMA-5.54	07/06/2015	Yes
			L019	LA-SMA-5.91	07/09/2015	Yes
			L019A	LA-SMA-5.92	070/9/2015	Yes
			L020	LA-SMA-6.25	07/09/2015	Yes
			L021	LA-SMA-6.27	07/09/2015	Yes
			L022	LA-SMA-6.3	07/09/2015	Yes
			L022A	LA-SMA-6.31	07/08/2015	Yes
			L023	LA-SMA-6.32	07/09/2015	Yes
			L024	LA-SMA-6.34	07/09/2015	Yes
			L025	LA-SMA-6.36	07/09/2015	Yes
			L026	LA-SMA-6.38	07/09/2015	Yes
			L027	LA-SMA-6.395	07/09/2015	Yes
			L028	LA-SMA-6.5	07/09/2015	Yes
			P005	P-SMA-1	07/09/2015	Yes
			P006	P-SMA-2	07/09/2015	Yes
			P007	P-SMA-2.15	07/07/2015	Yes
			P008	P-SMA-2.2	07/07/2015	Yes
			R003	R-SMA-1.95	07/01/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG038	0.55	R005	R-SMA-2.3	07/06/2015	Yes
			R006	R-SMA-2.5	07/06/2015	Yes
06/26/2015	RG055.5	0.43	P001	ACID-SMA-1.05	07/06/2015	Yes
07/03/2015		0.45	P002	ACID-SMA-2	07/07/2015	Yes
			P002A	ACID-SMA-2.01	07/07/2015	Yes
			P003	ACID-SMA-2.1	07/07/2015	Yes
			B002	B-SMA-1	07/06/2015	Yes
			L006	LA-SMA-2.1	07/09/2015	Yes
			L007	LA-SMA-2.3	07/09/2015	Yes
			L008	LA-SMA-3.1	07/09/2015	Yes
			L009	LA-SMA-3.9	07/09/2015	Yes
			L010	LA-SMA-4.1	07/09/2015	Yes
			L011	LA-SMA-4.2	07/09/2015	Yes
			L012	LA-SMA-5.01	07/09/2015	Yes
			L012A	LA-SMA-5.02	07/09/2015	Yes
			L013	LA-SMA-5.2	07/06/2015	Yes
			L014	LA-SMA-5.35	07/06/2015	Yes
			P009	P-SMA-3.05	07/06/2015	Yes
06/26/2015	RG121.9	0.35	E001	2M-SMA-1	07/06/2015	Yes
07/03/2015		0.34	E011	2M-SMA-1.9	07/06/2015	Yes
			E012	2M-SMA-2	07/06/2015	Yes
			E013	2M-SMA-2.2	07/07/2015	Yes
			L001	LA-SMA-0.85	07/06/2015	Yes
			L002	LA-SMA-0.9	07/06/2015	Yes
			L003	LA-SMA-1	07/06/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG121.9	0.35	L004	LA-SMA-1.1	07/06/2015	Yes
07/03/2015		0.34	L005	LA-SMA-1.25	07/06/2015	Yes
			M001	M-SMA-1	07/08/2015	Yes
			M002	M-SMA-1.2	07/08/2015	Yes
			M002A	M-SMA-1.21	07/08/2015	Yes
			M002B	M-SMA-1.22	07/08/2015	Yes
			S001	S-SMA-0.25	07/07/2015	Yes
			S002	S-SMA-1.1	07/07/2015	Yes
			S003	S-SMA-2	07/07/2015	Yes
			S003A	S-SMA-2.01	07/08/2015	Yes
			S004	S-SMA-2.8	07/06/2015	Yes
			S005	S-SMA-3.51	07/06/2015	Yes
			S005A	S-SMA-3.52	07/06/2015	Yes
			S005B	S-SMA-3.53	07/06/2015	Yes
			S006	S-SMA-3.6	07/08/2015	Yes
06/26/2015	RG200.5	0.42	C001	CDB-SMA-0.15	07/06/2015	Yes
			M012	M-SMA-10	07/07/2015	Yes
			M012A	M-SMA-10.01	07/08/2015	Yes
			M013	M-SMA-10.3	07/08/2015	Yes
			M014	M-SMA-11.1	07/07/2015	Yes
			M015	M-SMA-12	07/07/2015	Yes
			M005	M-SMA-3.5	07/08/2015	Yes
			M006	M-SMA-4	07/08/2015	Yes
			M007	M-SMA-5	07/09/2015	Yes
			M008	M-SMA-6	07/07/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG200.5	0.42	M009	M-SMA-7	07/07/2015	Yes
			M010	M-SMA-7.9	07/07/2015	Yes
			M011	M-SMA-9.1	07/08/2015	Yes
			T001	Pratt-SMA-1.05	07/08/2015	Yes
			T002	T-SMA-1	07/08/2015	Yes
			T003	T-SMA-2.5	07/06/2015	Yes
			T004	T-SMA-2.85	07/07/2015	Yes
			T005	T-SMA-3	07/07/2015	Yes
			T006	T-SMA-4	07/07/2015	Yes
			T007	T-SMA-5	07/07/2015	Yes
			T008	T-SMA-6.8	07/07/2015	Yes
			T009	T-SMA-7	07/07/2015	Yes
			T010	T-SMA-7.1	07/07/2015	Yes
06/26/2015	RG203	0.27	M016	M-SMA-12.5	07/06/2015	Yes
07/03/2015		0.31	M017	M-SMA-12.6	07/06/2015	Yes
			M018	M-SMA-12.7	07/06/2015	Yes
			M019	M-SMA-12.8	07/06/2015	Yes
			M020	M-SMA-12.9	07/06/2015	Yes
			M021	M-SMA-12.92	07/06/2015	Yes
			M022	M-SMA-13	07/06/2015	Yes
			S007	S-SMA-3.7	07/07/2015	Yes
			S008	S-SMA-3.71	07/07/2015	Yes
			S009	S-SMA-3.72	07/07/2015	Yes
			S010	S-SMA-3.95	07/07/2015	Yes
			S012	S-SMA-4.5	07/07/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG240	0.26	J001	PJ-SMA-1.05	07/06/2015	Yes
06/27/2015		0.51	J028	STRM-SMA-1.05	07/06/2015	Yes
07/03/2015		0.38	J029	STRM-SMA-1.5	07/06/2015	Yes
07/04/2015		0.62	J030	STRM-SMA-4.2	07/06/2015	Yes
			J031	STRM-SMA-5.05	07/06/2015	Yes
06/26/2015	RG245.5	0.32	H004	3M-SMA-0.6	07/09/2015	Yes
			H005	3M-SMA-2.6	07/01/2015	Yes
			H006	3M-SMA-4	07/07/2015	Yes
			C002	CDB-SMA-0.25	07/08/2015	Yes
			C003	CDB-SMA-0.55	07/08/2015	Yes
			C004	CDB-SMA-1	07/08/2015	Yes
			C005	CDB-SMA-1.15	07/08/2015	Yes
			C006	CDB-SMA-1.35	07/08/2015	Yes
			C007	CDB-SMA-1.54	07/08/2015	Yes
			C008	CDB-SMA-1.55	07/08/2015	Yes
			C009	CDB-SMA-1.65	07/08/2015	Yes
			J015	PJ-SMA-13	07/06/2015	Yes
			J016	PJ-SMA-13.7	07/07/2015	Yes
			J017	PJ-SMA-14	07/07/2015	Yes
			J018	PJ-SMA-14.2	07/07/2015	Yes
			J019	PJ-SMA-14.3	07/07/2015	Yes
			J020	PJ-SMA-14.4	07/07/2015	Yes
			J021	PJ-SMA-14.6	07/07/2015	Yes
			J022	PJ-SMA-14.8	07/07/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG253	0.35	V001	CDV-SMA-1.2	07/08/2015	Yes
			V002	CDV-SMA-1.3	07/09/2015	Yes
			V003	CDV-SMA-1.4	07/08/2015	Yes
			V004	CDV-SMA-1.45	07/08/2015	Yes
			V005	CDV-SMA-1.7	07/07/2015	Yes
			W001	W-SMA-1	07/09/2015	Yes
			W002	W-SMA-1.5	07/09/2015	Yes
			W003	W-SMA-2.05	07/08/2015	Yes
06/26/2015	RG257	0.37	V006	CDV-SMA-2	07/09/2015	Yes
07/06/2015		0.41	V007	CDV-SMA-2.3	07/09/2015	Yes
			V008	CDV-SMA-2.41	07/08/2015	Yes
			V008A	CDV-SMA-2.42	07/09/2015	Yes
			V009	CDV-SMA-2.5	07/09/2015	Yes
			V009A	CDV-SMA-2.51	07/09/2015	Yes
			V010	CDV-SMA-3	07/07/2015	Yes
			V011	CDV-SMA-4	07/07/2015	Yes
			V012	CDV-SMA-6.01	07/07/2015	Yes
			V012A	CDV-SMA-6.02	07/07/2015	Yes
			V013	CDV-SMA-7	07/07/2015	Yes
			J003	PJ-SMA-3.05	07/06/2015	Yes
			J004	PJ-SMA-4.05	07/07/2015	Yes
			W018	W-SMA-10	07/07/2015	Yes
			W004	W-SMA-3.5	07/08/2015	Yes
			W005	W-SMA-4.1	07/08/2015	Yes
			W006	W-SMA-5	07/09/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG257	0.37	W007	W-SMA-6	07/07/2015	Yes
07/06/2015		0.41	W008	W-SMA-7	07/09/2015	Yes
			W009	W-SMA-7.8	07/08/2015	Yes
			W010	W-SMA-7.9	07/07/2015	Yes
			W011	W-SMA-8	07/09/2015	Yes
			W012	W-SMA-8.7	07/09/2015	Yes
			W012A	W-SMA-8.71	07/09/2015	Yes
			W013	W-SMA-9.05	07/09/2015	Yes
			W014	W-SMA-9.5	07/07/2015	Yes
			W015	W-SMA-9.7	07/07/2015	Yes
			W016	W-SMA-9.8	07/07/2015	Yes
			W017	W-SMA-9.9	07/07/2015	Yes
06/26/2015	RG262.4	0.33	H002	3M-SMA-0.4	07/09/2015	Yes
			H003	3M-SMA-0.5	07/09/2015	Yes
			V014	CDV-SMA-8	07/07/2015	Yes
			V015	CDV-SMA-8.5	07/07/2015	Yes
			V016	CDV-SMA-9.05	07/06/2015	Yes
			I001	PT-SMA-0.5	07/06/2015	Yes
			I002	PT-SMA-1	07/06/2015	Yes
			I003	PT-SMA-1.7	07/06/2015	Yes
			I004	PT-SMA-2	07/07/2015	Yes
			I004A	PT-SMA-2.01	07/07/2015	Yes
			W019	W-SMA-11.7	07/09/2015	Yes
			W020	W-SMA-12.05	07/09/2015	Yes
			W021	W-SMA-14.1	07/06/2015	Yes
			W022	W-SMA-15.1	07/09/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG-NCOM	0.25	R001	R-SMA-0.5	07/10/2015	Yes
07/02/2015		0.75	R002	R-SMA-1	07/09/2015	Yes
07/03/2015		0.48	R004	R-SMA-2.05	07/06/2015	Yes
07/04/2015		0.64				
06/26/2015	RG-TA-06	0.29	E002	2M-SMA-1.42	07/06/2015	Yes
			E003	2M-SMA-1.43	07/06/2015	Yes
			E004	2M-SMA-1.44	07/06/2015	Yes
			E005	2M-SMA-1.45	07/06/2015	Yes
			E006	2M-SMA-1.5	07/07/2015	Yes
			E007	2M-SMA-1.65	07/09/2015	Yes
			E008	2M-SMA-1.67	07/06/2015	Yes
			E009	2M-SMA-1.7	07/06/2015	Yes
			E010	2M-SMA-1.8	07/06/2015	Yes
			E015	2M-SMA-2.5	07/09/2015	Yes
			E014	2M-SMA-3	07/09/2015	Yes
			H001	3M-SMA-0.2	07/07/2015	Yes
			M003	M-SMA-3	07/08/2015	Yes
			M004	M-SMA-3.1	07/08/2015	Yes
			J012	PJ-SMA-10	07/09/2015	Yes
			J013	PJ-SMA-11	07/09/2015	Yes
			J014	PJ-SMA-11.1	07/09/2015	Yes
			J005	PJ-SMA-5	07/06/2015	Yes
			J006	PJ-SMA-5.1	07/06/2015	Yes
			J007	PJ-SMA-6	07/09/2015	Yes
			J008	PJ-SMA-7	07/08/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
06/26/2015	RG-TA-06	0.29	J009	PJ-SMA-8	07/08/2015	Yes
			J010	PJ-SMA-9	07/09/2015	Yes
07/02/2015	RG-TA-53	0.29	B001	B-SMA-0.5	07/09/2015	Yes
07/06/2015		0.27	D008	DP-SMA-4	07/10/2015	Yes
			L030	LA-SMA-10.11	07/08/2015	Yes
			L030A	LA-SMA-10.12	07/08/2015	Yes
			L029	LA-SMA-9	07/07/2015	Yes
			P004	P-SMA-0.3	07/09/2015	Yes
			S011	S-SMA-4.1	07/07/2015	Yes
			S013	S-SMA-5	07/07/2015	Yes
			S014	S-SMA-5.2	07/07/2015	Yes
			S015	S-SMA-5.5	07/07/2015	Yes
			S016	S-SMA-6	07/09/2015	Yes
07/04/2015	RG253	0.7	J002	PJ-SMA-2	07/06/2015	Yes
07/05/2015	RG245.5	0.25	H005	3M-SMA-2.6	07/08/2015	Yes
07/05/2015	RG265	0.48	A003	A-SMA-2.5	07/14/2015	Yes
			A004	A-SMA-2.7	07/14/2015	Yes
			A005	A-SMA-2.8	07/14/2015	Yes
			A006	A-SMA-3	07/14/2015	Yes
07/05/2015	RG267.4	0.35	A001	A-SMA-1.1	07/14/2015	Yes
			A002	A-SMA-2	07/14/2015	Yes
			F001	F-SMA-2	07/07/2015	Yes
			I005	PT-SMA-3	07/07/2015	Yes
			I007	PT-SMA-4.2	07/07/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/06/2015	RG055.5	0.31	P001	ACID-SMA-1.05	07/20/2015	Yes
			B002	B-SMA-1	07/20/2015	Yes
			L013	LA-SMA-5.2	07/16/2015	Yes
			L014	LA-SMA-5.35	07/16/2015	Yes
			P009	P-SMA-3.05	07/20/2015	Yes
07/06/2015	RG121.9	0.36	E001	2M-SMA-1	07/20/2015	Yes
			E011	2M-SMA-1.9	07/20/2015	Yes
			E012	2M-SMA-2	07/20/2015	Yes
			L001	LA-SMA-0.85	07/20/2015	Yes
			L002	LA-SMA-0.9	07/16/2015	Yes
			L004	LA-SMA-1.1	07/20/2015	Yes
			L005	LA-SMA-1.25	07/20/2015	Yes
			S004	S-SMA-2.8	07/15/2015	Yes
			S005	S-SMA-3.51	07/15/2015	Yes
			S005A	S-SMA-3.52	07/15/2015	Yes
			S005B	S-SMA-3.53	07/15/2015	Yes
07/06/2015	RG200.5	0.36	C001	CDB-SMA-0.15	07/21/2015	Yes
			T003	T-SMA-2.5	07/20/2015	Yes
07/6/2015	RG203	0.28	M016	M-SMA-12.5	07/20/2015	Yes
			M017	M-SMA-12.6	07/20/2015	Yes
			M018	M-SMA-12.7	07/14/2015	Yes
			M019	M-SMA-12.8	07/14/2015	Yes
			M020	M-SMA-12.9	07/14/2015	Yes
			M021	M-SMA-12.92	07/20/2015	Yes
			M022	M-SMA-13	07/20/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/06/2015	RG240	0.44	J001	PJ-SMA-1.05	07/15/2015	Yes
			J028	STRM-SMA-1.05	07/21/2015	Yes
			J029	STRM-SMA-1.5	07/21/2015	Yes
			J030	STRM-SMA-4.2	07/15/2015	Yes
			J031	STRM-SMA-5.05	07/15/2015	Yes
07/06/2015	RG245.5	0.26	J015	PJ-SMA-13	07/20/2015	Yes
07/06/2015	RG253	0.36	J002	PJ-SMA-2	07/14/2015	Yes
07/06/2015	RG-TA-06	0.37	E002	2M-SMA-1.42	07/15/2015	Yes
			E003	2M-SMA-1.43	07/21/2015	Yes
			E004	2M-SMA-1.44	07/15/2015	Yes
			E005	2M-SMA-1.45	07/15/2015	Yes
			E008	2M-SMA-1.67	07/21/2015	Yes
			E009	2M-SMA-1.7	07/20/2015	Yes
			E010	2M-SMA-1.8	07/14/2015	Yes
			J005	PJ-SMA-5	07/21/2015	Yes
			J009	PJ-SMA-8	07/21/2015	Yes
07/12/2015	RG253	0.35	V001	CDV-SMA-1.2	07/21/2015	Yes
			V002	CDV-SMA-1.3	07/21/2015	Yes
			V003	CDV-SMA-1.4	07/23/2015	Yes
			V004	CDV-SMA-1.45	07/23/2015	Yes
			V005	CDV-SMA-1.7	07/27/2015	Yes
			W001	W-SMA-1	07/27/2015	Yes
			W002	W-SMA-1.5	07/27/2015	Yes
			W003	W-SMA-2.05	07/23/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/12/2015	RG257	0.32	V006	CDV-SMA-2	07/27/2015	Yes
			V007	CDV-SMA-2.3	07/27/2015	Yes
			V008	CDV-SMA-2.41	07/23/2015	Yes
			V008A	CDV-SMA-2.42	07/27/2015	Yes
			V009	CDV-SMA-2.5	07/27/2015	Yes
			V009A	CDV-SMA-2.51	07/27/2015	Yes
			V010	CDV-SMA-3	07/15/2015	Yes
			V011	CDV-SMA-4	07/15/2015	Yes
			V012	CDV-SMA-6.01	07/15/2015	Yes
			V012A	CDV-SMA-6.02	07/15/2015	Yes
			V013	CDV-SMA-7	07/24/2015	Yes
			J003	PJ-SMA-3.05	07/14/2015	Yes
			J004	PJ-SMA-4.05	07/24/2015	Yes
			W018	W-SMA-10	07/23/2015	Yes
			W004	W-SMA-3.5	07/27/2015	Yes
			W005	W-SMA-4.1	07/22/2015	Yes
			W006	W-SMA-5	07/27/2015	Yes
			W007	W-SMA-6	07/22/2015	Yes
			W008	W-SMA-7	07/27/2015	Yes
			W009	W-SMA-7.8	07/23/2015	Yes
			W010	W-SMA-7.9	07/23/2015	Yes
			W011	W-SMA-8	07/23/2015	Yes
			W012	W-SMA-8.7	07/23/2015	Yes
			W012A	W-SMA-8.71	07/23/2015	Yes
			W013	W-SMA-9.05	07/23/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/12/2015	RG257	0.32	W014	W-SMA-9.5	07/23/2015	Yes
			W015	W-SMA-9.7	07/23/2015	Yes
			W016	W-SMA-9.8	07/23/2015	Yes
			W017	W-SMA-9.9	07/23/2015	Yes
07/15/2015	RG121.9	0.29	E013	2M-SMA-2.2	07/24/2015	Yes
			L003	LA-SMA-1	07/21/2015	Yes
			M001	M-SMA-1	07/29/2015	Yes
			M002	M-SMA-1.2	07/29/2015	Yes
			M002A	M-SMA-1.21	07/29/2015	Yes
			M002B	M-SMA-1.22	07/29/2015	Yes
			S001	S-SMA-0.25	07/30/2015	Yes
			S002	S-SMA-1.1	07/30/2015	Yes
			S003	S-SMA-2	07/28/2015	Yes
			S003A	S-SMA-2.01	07/28/2015	Yes
			S004	S-SMA-2.8	07/28/2015	Yes
			S005	S-SMA-3.51	07/28/2015	Yes
			S005A	S-SMA-3.52	07/28/2015	Yes
			S005B	S-SMA-3.53	07/28/2015	Yes
			S006	S-SMA-3.6	07/28/2015	Yes
07/15/2015	RG200.5	0.48	M012	M-SMA-10	07/29/2015	Yes
			M012A	M-SMA-10.01	07/29/2015	Yes
			M013	M-SMA-10.3	07/29/2015	Yes
			M014	M-SMA-11.1	07/29/2015	Yes
			M015	M-SMA-12	07/29/2015	Yes
			M005	M-SMA-3.5	07/22/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/15/2015	RG200.5	0.48	M006	M-SMA-4	07/22/2015	Yes
			M007	M-SMA-5	07/29/2015	Yes
			M008	M-SMA-6	07/29/2015	Yes
			M009	M-SMA-7	07/29/2015	Yes
			M010	M-SMA-7.9	07/29/2015	Yes
			M011	M-SMA-9.1	07/29/2015	Yes
			T001	Pratt-SMA-1.05	07/30/2015	Yes
			T002	T-SMA-1	07/30/2015	Yes
			T004	T-SMA-2.85	07/30/2015	Yes
			T005	T-SMA-3	07/30/2015	Yes
			T006	T-SMA-4	07/30/2015	Yes
			T007	T-SMA-5	07/30/2015	Yes
			T008	T-SMA-6.8	07/30/2015	Yes
			T009	T-SMA-7	07/30/2015	Yes
			T010	T-SMA-7.1	07/30/2015	Yes
07/15/2015	RG203	0.3	M018	M-SMA-12.7	07/29/2015	Yes
			M019	M-SMA-12.8	07/29/2015	Yes
			M020	M-SMA-12.9	07/29/2015	Yes
			S007	S-SMA-3.7	07/22/2015	Yes
			S008	S-SMA-3.71	07/22/2015	Yes
			S009	S-SMA-3.72	07/22/2015	Yes
			S010	S-SMA-3.95	07/23/2015	Yes
			S012	S-SMA-4.5	07/21/2015	Yes
07/15/2015	RG240	0.68	J001	PJ-SMA-1.05	07/28/2015	Yes
07/18/2015		0.25	J030	STRM-SMA-4.2	07/28/2015	Yes
07/20/2015		0.85	J031	STRM-SMA-5.05	07/28/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/15/2015	RG245.5	0.36	H004	3M-SMA-0.6	07/29/2015	Yes
			H005	3M-SMA-2.6	07/30/2015	Yes
			H006	3M-SMA-4	07/28/2015	Yes
			C002	CDB-SMA-0.25	07/21/2015	Yes
			C003	CDB-SMA-0.55	07/21/2015	Yes
			C004	CDB-SMA-1	07/22/2015	Yes
			C005	CDB-SMA-1.15	07/21/2015	Yes
			C006	CDB-SMA-1.35	07/21/2015	Yes
			C007	CDB-SMA-1.54	07/21/2015	Yes
			C008	CDB-SMA-1.55	07/22/2015	Yes
			C009	CDB-SMA-1.65	07/22/2015	Yes
			J016	PJ-SMA-13.7	07/28/2015	Yes
			J017	PJ-SMA-14	07/28/2015	Yes
			J018	PJ-SMA-14.2	07/28/2015	Yes
			J019	PJ-SMA-14.3	07/28/2015	Yes
			J020	PJ-SMA-14.4	07/28/2015	Yes
			J021	PJ-SMA-14.6	07/28/2015	Yes
			J022	PJ-SMA-14.8	07/28/2015	Yes
07/15/2015	RG262.4	0.31	H002	3M-SMA-0.4	07/29/2015	Yes
			H003	3M-SMA-0.5	07/29/2015	Yes
			V014	CDV-SMA-8	07/28/2015	Yes
			V015	CDV-SMA-8.5	07/24/2015	Yes
			V016	CDV-SMA-9.05	07/28/2015	Yes
			I001	PT-SMA-0.5	07/29/2015	Yes
			I002	PT-SMA-1	07/29/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/15/2015	RG262.4	0.31	I003	PT-SMA-1.7	07/28/2015	Yes
			I004	PT-SMA-2	07/29/2015	Yes
			I004A	PT-SMA-2.01	07/29/2015	Yes
			W019	W-SMA-11.7	07/30/2015	Yes
			W020	W-SMA-12.05	07/30/2015	Yes
			W021	W-SMA-14.1	07/28/2015	Yes
			W022	W-SMA-15.1	07/30/2015	Yes
07/15/2015	RG267.4	0.32	A001	A-SMA-1.1	07/29/2015	Yes
			A002	A-SMA-2	07/29/2015	Yes
			F001	F-SMA-2	07/29/2015	Yes
			I005	PT-SMA-3	07/29/2015	Yes
			I007	PT-SMA-4.2	07/30/2015	Yes
07/15/2015	RG-TA-06	0.88	E002	2M-SMA-1.42	07/28/2015	Yes
			E004	2M-SMA-1.44	07/28/2015	Yes
			E005	2M-SMA-1.45	07/28/2015	Yes
			E006	2M-SMA-1.5	07/28/2015	Yes
			E007	2M-SMA-1.65	07/28/2015	Yes
			E010	2M-SMA-1.8	07/24/2015	Yes
			E015	2M-SMA-2.5	07/28/2015	Yes
			E014	2M-SMA-3	07/28/2015	Yes
			H001	3M-SMA-0.2	07/24/2015	Yes
			M003	M-SMA-3	07/22/2015	Yes
			M004	M-SMA-3.1	07/22/2015	Yes
			J012	PJ-SMA-10	07/28/2015	Yes
			J013	PJ-SMA-11	07/28/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/15/2015	RG-TA-06	0.88	J014	PJ-SMA-11.1	07/28/2015	Yes
			J006	PJ-SMA-5.1	07/28/2015	Yes
			J007	PJ-SMA-6	07/28/2015	Yes
			J008	PJ-SMA-7	07/28/2015	Yes
			J010	PJ-SMA-9	07/28/2015	Yes
07/15/2015	RG-TA-54	0.29	C010	CDB-SMA-4	07/29/2015	Yes
07/20/2015		0.34	J023	PJ-SMA-16	07/29/2015	Yes
			J024	PJ-SMA-17	07/29/2015	Yes
			J026	PJ-SMA-18	07/29/2015	Yes
			J025	PJ-SMA-19	07/29/2015	Yes
			J027	PJ-SMA-20	07/29/2015	Yes
07/19/2015	RG055.5	0.26	P002	ACID-SMA-2	07/23/2015	Yes
			P002A	ACID-SMA-2.01	07/23/2015	Yes
			P003	ACID-SMA-2.1	07/23/2015	Yes
			L006	LA-SMA-2.1	07/27/2015	Yes
			L007	LA-SMA-2.3	07/27/2015	Yes
			L008	LA-SMA-3.1	07/27/2015	Yes
			L009	LA-SMA-3.9	07/27/2015	Yes
			L010	LA-SMA-4.1	07/27/2015	Yes
			L011	LA-SMA-4.2	07/27/2015	Yes
			L012	LA-SMA-5.01	07/27/2015	Yes
			L012A	LA-SMA-5.02	07/27/2015	Yes
			L013	LA-SMA-5.2	08/03/2015	Yes
07/19/2015	RG-NCOM	0.25	R001	R-SMA-0.5	07/31/2015	Yes
			R002	R-SMA-1	07/31/2015	Yes
			R004	R-SMA-2.05	07/21/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/20/2015	RG038	0.38	D001	DP-SMA-0.3	07/23/2015	Yes
			D002	DP-SMA-0.4	07/23/2015	Yes
			D003	DP-SMA-0.6	07/22/2015	Yes
			D004	DP-SMA-1	07/23/2015	Yes
			D005	DP-SMA-2	07/23/2015	Yes
			D006	DP-SMA-2.35	07/23/2015	Yes
			D007	DP-SMA-3	07/23/2015	Yes
			L015	LA-SMA-5.31	08/03/2015	Yes
			L016	LA-SMA-5.33	07/27/2015	Yes
			L017	LA-SMA-5.361	07/27/2015	Yes
			L017A	LA-SMA-5.362	07/27/2015	Yes
			L018	LA-SMA-5.51	08/03/2015	Yes
			L018A	LA-SMA-5.52	08/03/2015	Yes
			L018B	LA-SMA-5.53	08/03/2015	Yes
			L018C	LA-SMA-5.54	08/03/2015	Yes
			L019	LA-SMA-5.91	08/04/2015	Yes
			L019A	LA-SMA-5.92	08/04/2015	Yes
			L020	LA-SMA-6.25	08/03/2015	Yes
			L021	LA-SMA-6.27	08/03/2015	Yes
			L022	LA-SMA-6.3	07/21/2015	Yes
			L022A	LA-SMA-6.31	07/21/2015	Yes
			L023	LA-SMA-6.32	07/23/2015	Yes
			L024	LA-SMA-6.34	08/03/2015	Yes
			L025	LA-SMA-6.36	08/03/2015	Yes
			L026	LA-SMA-6.38	08/03/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/20/2015	RG038	0.38	L027	LA-SMA-6.395	08/03/2015	Yes
			L028	LA-SMA-6.5	07/21/2015	Yes
			P005	P-SMA-1	07/23/2015	Yes
			P006	P-SMA-2	08/03/2015	Yes
			P007	P-SMA-2.15	08/03/2015	Yes
			P008	P-SMA-2.2	07/23/2015	Yes
			R003	R-SMA-1.95	07/22/2015	Yes
			R005	R-SMA-2.3	07/21/2015	Yes
			R006	R-SMA-2.5	07/21/2015	Yes
07/20/2015	RG055.5	0.59	P001	ACID-SMA-1.05	07/23/2015	Yes
			B002	B-SMA-1	07/31/2015	Yes
			L014	LA-SMA-5.35	08/03/2015	Yes
			P009	P-SMA-3.05	08/05/2015	No - 16 days to inspect
07/20/2015	RG121.9	0.66	E001	2M-SMA-1	07/30/2015	Yes
			E011	2M-SMA-1.9	07/24/2015	Yes
			E012	2M-SMA-2	07/24/2015	Yes
			L001	LA-SMA-0.85	08/03/2015	Yes
			L002	LA-SMA-0.9	08/03/2015	Yes
			L004	LA-SMA-1.1	08/03/2015	Yes
			L005	LA-SMA-1.25	08/03/2015	Yes
07/20/2015	RG200.5	0.63	T003	T-SMA-2.5	07/30/2015	Yes
07/20/2015	RG203	0.84	M016	M-SMA-12.5	07/29/2015	Yes
			M017	M-SMA-12.6	07/29/2015	Yes
			M021	M-SMA-12.92	07/30/2015	Yes
			M022	M-SMA-13	07/29/2015	Yes
07/20/2015	RG245.5	0.61	J015	PJ-SMA-13	07/30/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/20/2015	RG253	0.7	J002	PJ-SMA-2	07/28/2015	Yes
07/20/2015	RG257	0.72	V010	CDV-SMA-3	07/24/2015	Yes
			V011	CDV-SMA-4	07/24/2015	Yes
			V012	CDV-SMA-6.01	07/24/2015	Yes
			V012A	CDV-SMA-6.02	07/24/2015	Yes
			J003	PJ-SMA-3.05	07/28/2015	Yes
07/20/2015	RG-TA-06	0.66	E009	2M-SMA-1.7	07/24/2015	Yes
07/20/2015	RG-TA-53	0.56	B001	B-SMA-0.5	08/03/2015	Yes
			D008	DP-SMA-4	07/23/2015	Yes
			L030	LA-SMA-10.11	07/22/2015	Yes
			L030A	LA-SMA-10.12	07/22/2015	Yes
			L029	LA-SMA-9	08/04/2015	Yes
			P004	P-SMA-0.3	08/03/2015	Yes
			S011	S-SMA-4.1	07/22/2015	Yes
			S013	S-SMA-5	07/21/2015	Yes
			S014	S-SMA-5.2	07/22/2015	Yes
			S015	S-SMA-5.5	07/23/2015	Yes
			S016	S-SMA-6	07/23/2015	Yes
07/28/2015	RG245.5	0.27	H006	3M-SMA-4	08/07/2015	Yes
			C002	CDB-SMA-0.25	08/11/2015	Yes
			C003	CDB-SMA-0.55	08/11/2015	Yes
			C004	CDB-SMA-1	08/11/2015	Yes
			C005	CDB-SMA-1.15	08/11/2015	Yes
			C006	CDB-SMA-1.35	07/30/2015	Yes
			C007	CDB-SMA-1.54	07/30/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/28/2015	RG245.5	0.27	C008	CDB-SMA-1.55	08/11/2015	Yes
			C009	CDB-SMA-1.65	08/11/2015	Yes
			J016	PJ-SMA-13.7	08/04/2015	Yes
			J017	PJ-SMA-14	08/04/2015	Yes
			J018	PJ-SMA-14.2	08/04/2015	Yes
			J019	PJ-SMA-14.3	08/04/2015	Yes
			J020	PJ-SMA-14.4	08/04/2015	Yes
			J021	PJ-SMA-14.6	08/04/2015	Yes
			J022	PJ-SMA-14.8	08/04/2015	Yes
07/29/2015	RG038	0.3	D001	DP-SMA-0.3	08/10/2015	Yes
			D002	DP-SMA-0.4	08/10/2015	Yes
			D003	DP-SMA-0.6	08/10/2015	Yes
			D004	DP-SMA-1	08/06/2015	Yes
			D005	DP-SMA-2	08/06/2015	Yes
			D006	DP-SMA-2.35	08/10/2015	Yes
			D007	DP-SMA-3	08/06/2015	Yes
			L016	LA-SMA-5.33	08/12/2015	Yes
			L017	LA-SMA-5.361	08/06/2015	Yes
			L017A	LA-SMA-5.362	08/06/2015	Yes
			L022	LA-SMA-6.3	07/30/2015	Yes
			L022A	LA-SMA-6.31	07/30/2015	Yes
			L023	LA-SMA-6.32	08/10/2015	Yes
			L025	LA-SMA-6.36	08/12/2015	Yes
			L028	LA-SMA-6.5	07/30/2015	Yes
			P005	P-SMA-1	08/11/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/29/2015	RG038	0.3	P008	P-SMA-2.2	08/10/2015	Yes
			R003	R-SMA-1.95	07/30/2015	Yes
			R005	R-SMA-2.3	07/30/2015	Yes
			R006	R-SMA-2.5	07/30/2015	Yes
07/29/2015	RG121.9	0.37	E011	2M-SMA-1.9	08/11/2015	Yes
			E012	2M-SMA-2	08/11/2015	Yes
			E013	2M-SMA-2.2	08/11/2015	Yes
			L003	LA-SMA-1	08/12/2015	Yes
			M001	M-SMA-1	08/11/2015	Yes
			M002	M-SMA-1.2	08/11/2015	Yes
			M002A	M-SMA-1.21	08/11/2015	Yes
			M002B	M-SMA-1.22	08/11/2015	Yes
			S003	S-SMA-2	08/06/2015	Yes
			S003A	S-SMA-2.01	08/07/2015	Yes
			S004	S-SMA-2.8	08/06/2015	Yes
			S005	S-SMA-3.51	08/06/2015	Yes
			S005A	S-SMA-3.52	08/06/2015	Yes
			S005B	S-SMA-3.53	08/06/2015	Yes
			S006	S-SMA-3.6	08/06/2015	Yes
07/29/2015	RG200.5	0.48	C001	CDB-SMA-0.15	08/12/2015	Yes
			M012	M-SMA-10	08/07/2015	Yes
			M012A	M-SMA-10.01	08/07/2015	Yes
			M013	M-SMA-10.3	08/07/2015	Yes
			M014	M-SMA-11.1	08/07/2015	Yes
			M015	M-SMA-12	08/07/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/29/2015	RG200.5	0.48	M005	M-SMA-3.5	08/10/2015	Yes
			M006	M-SMA-4	08/10/2015	Yes
			M007	M-SMA-5	08/07/2015	Yes
			M008	M-SMA-6	08/10/2015	Yes
			M009	M-SMA-7	08/07/2015	Yes
			M010	M-SMA-7.9	08/07/2015	Yes
			M011	M-SMA-9.1	08/07/2015	Yes
07/29/2015	RG203	0.66	M016	M-SMA-12.5	08/10/2015	Yes
			M017	M-SMA-12.6	08/10/2015	Yes
			M018	M-SMA-12.7	08/10/2015	Yes
			M019	M-SMA-12.8	08/10/2015	Yes
			M020	M-SMA-12.9	08/10/2015	Yes
			M022	M-SMA-13	08/11/2015	Yes
			S007	S-SMA-3.7	08/11/2015	Yes
			S008	S-SMA-3.71	08/11/2015	Yes
			S009	S-SMA-3.72	08/11/2015	Yes
			S010	S-SMA-3.95	08/11/2015	Yes
			S012	S-SMA-4.5	07/30/2015	Yes
07/29/2015	RG240	0.25	J001	PJ-SMA-1.05	08/11/2015	Yes
			J028	STRM-SMA-1.05	08/11/2015	Yes
			J029	STRM-SMA-1.5	08/11/2015	Yes
			J030	STRM-SMA-4.2	08/06/2015	Yes
			J031	STRM-SMA-5.05	08/06/2015	Yes
07/29/2015	RG245.5	0.5	H004	3M-SMA-0.6	08/12/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/29/2015	RG257	0.32	V006	CDV-SMA-2	08/04/2015	Yes
07/31/2015		0.59	V007	CDV-SMA-2.3	08/10/2015	Yes
08/01/2015		1.2	V008	CDV-SMA-2.41	08/10/2015	Yes
08/02/2015		0.25	V008A	CDV-SMA-2.42	08/10/2015	Yes
			V009	CDV-SMA-2.5	08/10/2015	Yes
			V009A	CDV-SMA-2.51	08/10/2015	Yes
			V010	CDV-SMA-3	08/11/2015	Yes
			V011	CDV-SMA-4	08/10/2015	Yes
			V012	CDV-SMA-6.01	08/06/2015	Yes
			V012A	CDV-SMA-6.02	08/11/2015	Yes
			V013	CDV-SMA-7	08/11/2015	Yes
			J003	PJ-SMA-3.05	08/10/2015	Yes
			J004	PJ-SMA-4.05	08/10/2015	Yes
			W018	W-SMA-10	08/06/2015	Yes
			W004	W-SMA-3.5	08/05/2015	Yes
			W005	W-SMA-4.1	08/10/2015	Yes
			W006	W-SMA-5	08/11/2015	Yes
			W007	W-SMA-6	08/10/2015	Yes
			W008	W-SMA-7	08/10/2015	Yes
			W009	W-SMA-7.8	08/10/2015	Yes
			W010	W-SMA-7.9	08/10/2015	Yes
			W011	W-SMA-8	08/10/2015	Yes
			W012	W-SMA-8.7	08/10/2015	Yes
			W012A	W-SMA-8.71	08/10/2015	Yes
			W013	W-SMA-9.05	08/10/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/29/2015	RG257	0.32	W014	W-SMA-9.5	08/06/2015	Yes
07/31/2015		0.59	W015	W-SMA-9.7	08/06/2015	Yes
08/01/2015		1.2	W016	W-SMA-9.8	08/06/2015	Yes
08/02/2015		0.25	W017	W-SMA-9.9	08/06/2015	Yes
07/29/2015	RG262.4	0.35	H002	3M-SMA-0.4	08/13/2015	Yes
			H003	3M-SMA-0.5	08/12/2015	Yes
			V014	CDV-SMA-8	08/11/2015	Yes
			V015	CDV-SMA-8.5	08/11/2015	Yes
			V016	CDV-SMA-9.05	08/10/2015	Yes
			I001	PT-SMA-0.5	08/10/2015	Yes
			I002	PT-SMA-1	08/11/2015	Yes
			I003	PT-SMA-1.7	08/10/2015	Yes
			I004	PT-SMA-2	08/10/2015	Yes
			I004A	PT-SMA-2.01	08/10/2015	Yes
			W021	W-SMA-14.1	08/10/2015	Yes
07/29/2015	RG265	0.27	A003	A-SMA-2.5	08/06/2015	Yes
			A004	A-SMA-2.7	08/06/2015	Yes
			A005	A-SMA-2.8	08/06/2015	Yes
			A006	A-SMA-3	08/06/2015	Yes
07/29/2015	RG340	0.4	A007	A-SMA-3.5	08/10/2015	Yes
			A008	A-SMA-4	08/10/2015	Yes
			A009	A-SMA-6	08/10/2015	Yes
			Q001	CHQ-SMA-0.5	08/10/2015	Yes
			Q002	CHQ-SMA-1.01	08/10/2015	Yes
			Q002A	CHQ-SMA-1.02	08/10/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/29/2015	RG340	0.4	Q002B	CHQ-SMA-1.03	08/10/2015	Yes
			Q003	CHQ-SMA-2	08/06/2015	Yes
			Q004	CHQ-SMA-3.05	08/10/2015	Yes
			Q005	CHQ-SMA-4	08/10/2015	Yes
			Q006	CHQ-SMA-4.1	08/10/2015	Yes
			Q007	CHQ-SMA-4.5	08/10/2015	Yes
			Q008	CHQ-SMA-5.05	08/10/2015	Yes
			Q009	CHQ-SMA-6	08/10/2015	Yes
			Q010	CHQ-SMA-7.1	08/10/2015	Yes
07/29/2015	RG-NCOM	0.31	R004	R-SMA-2.05	07/30/2015	Yes
07/29/2015	RG-TA-06	0.27	E002	2M-SMA-1.42	08/12/2015	Yes
			E004	2M-SMA-1.44	08/07/2015	Yes
			E005	2M-SMA-1.45	08/12/2015	Yes
			E006	2M-SMA-1.5	08/12/2015	Yes
			E007	2M-SMA-1.65	08/06/2015	Yes
			E008	2M-SMA-1.67	08/12/2015	Yes
			E009	2M-SMA-1.7	08/11/2015	Yes
			E010	2M-SMA-1.8	08/11/2015	Yes
			E015	2M-SMA-2.5	08/10/2015	Yes
			E014	2M-SMA-3	08/10/2015	Yes
			H001	3M-SMA-0.2	08/10/2015	Yes
			M003	M-SMA-3	07/31/2015	Yes
			M004	M-SMA-3.1	08/10/2015	Yes
			J012	PJ-SMA-10	08/10/2015	Yes
			J013	PJ-SMA-11	08/10/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/29/2015	RG-TA-06	0.27	J014	PJ-SMA-11.1	08/10/2015	Yes
			J005	PJ-SMA-5	08/10/2015	Yes
			J006	PJ-SMA-5.1	08/06/2015	Yes
			J007	PJ-SMA-6	08/06/2015	Yes
			J008	PJ-SMA-7	08/06/2015	Yes
			J009	PJ-SMA-8	08/06/2015	Yes
			J010	PJ-SMA-9	08/06/2015	Yes
07/29/2015	RG-TA-54	0.27	C010	CDB-SMA-4	08/07/2015	Yes
			J023	PJ-SMA-16	08/04/2015	Yes
			J024	PJ-SMA-17	08/07/2015	Yes
			J026	PJ-SMA-18	08/07/2015	Yes
			J025	PJ-SMA-19	08/07/2015	Yes
			J027	PJ-SMA-20	08/07/2015	Yes
07/31/2015	RG038	0.55	L028	LA-SMA-6.5	08/04/2015	Yes
			R003	R-SMA-1.95	08/13/2015	Yes
			R005	R-SMA-2.3	08/13/2015	Yes
			R006	R-SMA-2.5	08/04/2015	Yes
07/31/2015	RG200.5	0.72	T001	Pratt-SMA-1.05	08/10/2015	Yes
			T002	T-SMA-1	08/10/2015	Yes
			T003	T-SMA-2.5	08/10/2015	Yes
			T004	T-SMA-2.85	08/10/2015	Yes
			T005	T-SMA-3	08/10/2015	Yes
			T006	T-SMA-4	08/10/2015	Yes
			T007	T-SMA-5	08/10/2015	Yes
			T008	T-SMA-6.8	08/10/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
07/31/2015	RG200.5	0.72	T009	T-SMA-7	08/10/2015	Yes
			T010	T-SMA-7.1	08/10/2015	Yes
07/31/2015	RG262.4	0.56	W019	W-SMA-11.7	08/11/2015	Yes
08/01/2015		0.28	W020	W-SMA-12.05	08/11/2015	Yes
			W022	W-SMA-15.1	08/11/2015	Yes
08/1/2015	RG-TA-06	0.34	E003	2M-SMA-1.43	08/12/2015	Yes
			M003	M-SMA-3	08/12/2015	Yes
08/2/2015	RG253	0.49	V001	CDV-SMA-1.2	08/10/2015	Yes
			V002	CDV-SMA-1.3	08/10/2015	Yes
			V003	CDV-SMA-1.4	08/10/2015	Yes
			V004	CDV-SMA-1.45	08/07/2015	Yes
			V005	CDV-SMA-1.7	08/04/2015	Yes
			J002	PJ-SMA-2	08/10/2015	Yes
			W001	W-SMA-1	08/11/2015	Yes
			W002	W-SMA-1.5	08/11/2015	Yes
			W003	W-SMA-2.05	08/11/2015	Yes
08/8/2015	RG055.5	0.26	B002	B-SMA-1	08/20/2015	Yes
			L013	LA-SMA-5.2	08/21/2015	Yes
			L014	LA-SMA-5.35	08/21/2015	Yes
			P009	P-SMA-3.05	08/20/2015	Yes
08/8/2015	RG121.9	0.25	E001	2M-SMA-1	08/17/2015	Yes
			L001	LA-SMA-0.85	08/21/2015	Yes
			L002	LA-SMA-0.9	08/21/2015	Yes
			L004	LA-SMA-1.1	08/20/2015	Yes
			L005	LA-SMA-1.25	08/20/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
08/8/2015	RG121.9	0.25	S001	S-SMA-0.25	08/13/2015	Yes
			S002	S-SMA-1.1	08/13/2015	Yes
			S003	S-SMA-2	08/17/2015	Yes
			S003A	S-SMA-2.01	08/17/2015	Yes
			S004	S-SMA-2.8	08/13/2015	Yes
			S005	S-SMA-3.51	08/17/2015	Yes
			S005A	S-SMA-3.52	08/17/2015	Yes
			S005B	S-SMA-3.53	08/17/2015	Yes
			S006	S-SMA-3.6	08/18/2015	Yes
08/11/2015	RG265	0.39	A003	A-SMA-2.5	08/25/2015	Yes
			A004	A-SMA-2.7	08/25/2015	Yes
			A005	A-SMA-2.8	08/25/2015	Yes
			A006	A-SMA-3	08/25/2015	Yes
08/11/2015	RG-TA-54	0.26	C010	CDB-SMA-4	08/20/2015	Yes
08/17/2015		0.40	J023	PJ-SMA-16	08/20/2015	Yes
			J024	PJ-SMA-17	08/20/2015	Yes
			J026	PJ-SMA-18	08/20/2015	Yes
			J025	PJ-SMA-19	08/20/2015	Yes
			J027	PJ-SMA-20	08/20/2015	Yes
08/17/2015	RG121.9	0.59	E001	2M-SMA-1	08/25/2015	Yes
			E011	2M-SMA-1.9	08/25/2015	Yes
			E012	2M-SMA-2	08/25/2015	Yes
			E013	2M-SMA-2.2	08/25/2015	Yes
			L003	LA-SMA-1	09/01/2015	Yes
			M001	M-SMA-1	08/24/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
08/17/2015	RG121.9	0.59	M002	M-SMA-1.2	08/24/2015	Yes
			M002A	M-SMA-1.21	08/24/2015	Yes
			M002B	M-SMA-1.22	08/24/2015	Yes
			S001	S-SMA-0.25	08/31/2015	Yes
			S002	S-SMA-1.1	08/31/2015	Yes
			S003	S-SMA-2	09/01/2015	Yes
			S004	S-SMA-2.8	09/01/2015	Yes
			S005	S-SMA-3.51	09/01/2015	Yes
08/17/2015	RG240	0.52	J001	PJ-SMA-1.05	09/01/2015	Yes
08/22/2015		0.35	J028	STRM-SMA-1.05	09/01/2015	Yes
			J029	STRM-SMA-1.5	09/01/2015	Yes
			J030	STRM-SMA-4.2	08/25/2015	Yes
			J031	STRM-SMA-5.05	08/24/2015	Yes
08/17/2015	RG253	0.42	V001	CDV-SMA-1.2	08/28/2015	Yes
			V002	CDV-SMA-1.3	08/28/2015	Yes
			V003	CDV-SMA-1.4	08/28/2015	Yes
			V004	CDV-SMA-1.45	08/28/2015	Yes
			V005	CDV-SMA-1.7	09/01/2015	Yes
			J002	PJ-SMA-2	08/25/2015	Yes
			W001	W-SMA-1	09/01/2015	Yes
			W002	W-SMA-1.5	09/01/2015	Yes
			W003	W-SMA-2.05	08/28/2015	Yes
08/17/2015	RG257	0.41	V006	CDV-SMA-2	09/01/2015	Yes
			V007	CDV-SMA-2.3	08/28/2015	Yes
			V008	CDV-SMA-2.41	08/28/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
08/17/2015	RG257	0.41	V008A	CDV-SMA-2.42	09/01/2015	Yes
			V009	CDV-SMA-2.5	08/28/2015	Yes
			V009A	CDV-SMA-2.51	09/01/2015	Yes
			V010	CDV-SMA-3	09/01/2015	Yes
			V011	CDV-SMA-4	09/01/2015	Yes
			V012	CDV-SMA-6.01	09/01/2015	Yes
			V012A	CDV-SMA-6.02	09/01/2015	Yes
			V013	CDV-SMA-7	08/31/2015	Yes
			J003	PJ-SMA-3.05	08/25/2015	Yes
			J004	PJ-SMA-4.05	08/31/2015	Yes
			W018	W-SMA-10	08/27/2015	Yes
			W004	W-SMA-3.5	08/28/2015	Yes
			W005	W-SMA-4.1	09/01/2015	Yes
			W006	W-SMA-5	08/27/2015	Yes
			W007	W-SMA-6	08/27/2015	Yes
			W008	W-SMA-7	08/27/2015	Yes
			W009	W-SMA-7.8	08/25/2015	Yes
			W010	W-SMA-7.9	08/25/2015	Yes
			W011	W-SMA-8	08/25/2015	Yes
			W012	W-SMA-8.7	08/25/2015	Yes
			W012A	W-SMA-8.71	08/27/2015	Yes
			W013	W-SMA-9.05	08/25/2015	Yes
			W014	W-SMA-9.5	08/27/2015	Yes
			W015	W-SMA-9.7	08/31/2015	Yes
			W016	W-SMA-9.8	08/27/2015	Yes
			W017	W-SMA-9.9	08/27/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
08/17/2015	RG-TA-06	0.38	E002	2M-SMA-1.42	08/25/2015	Yes
			E003	2M-SMA-1.43	08/25/2015	Yes
			E004	2M-SMA-1.44	08/25/2015	Yes
			E005	2M-SMA-1.45	08/25/2015	Yes
			E006	2M-SMA-1.5	09/01/2015	Yes
			E007	2M-SMA-1.65	08/24/2015	Yes
			E008	2M-SMA-1.67	09/01/2015	Yes
			E009	2M-SMA-1.7	08/25/2015	Yes
			E010	2M-SMA-1.8	08/25/2015	Yes
			E015	2M-SMA-2.5	08/31/2015	Yes
			E014	2M-SMA-3	08/26/2015	Yes
			H001	3M-SMA-0.2	08/25/2015	Yes
			M003	M-SMA-3	08/19/2015	Yes
			M004	M-SMA-3.1	09/01/2015	Yes
			J012	PJ-SMA-10	09/01/2015	Yes
			J013	PJ-SMA-11	09/01/2015	Yes
			J014	PJ-SMA-11.1	09/01/2015	Yes
			J005	PJ-SMA-5	09/01/2015	Yes
			J006	PJ-SMA-5.1	08/24/2015	Yes
			J007	PJ-SMA-6	08/31/2015	Yes
			J008	PJ-SMA-7	09/01/2015	Yes
			J009	PJ-SMA-8	08/31/2015	Yes
			J010	PJ-SMA-9	08/31/2015	Yes
08/31/2015	RG262.4	0.28	H002	3M-SMA-0.4	09/09/2015	Yes
			H003	3M-SMA-0.5	09/09/2015	Yes
			V014	CDV-SMA-8	09/10/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
08/31/2015	RG262.4	0.28	V015	CDV-SMA-8.5	09/10/2015	Yes
			V016	CDV-SMA-9.05	09/10/2015	Yes
			I001	PT-SMA-0.5	09/09/2015	Yes
			I002	PT-SMA-1	09/09/2015	Yes
			I003	PT-SMA-1.7	09/10/2015	Yes
			I004	PT-SMA-2	09/09/2015	Yes
			I004A	PT-SMA-2.01	09/09/2015	Yes
			W019	W-SMA-11.7	09/10/2015	Yes
			W020	W-SMA-12.05	09/08/2015	Yes
			W021	W-SMA-14.1	09/10/2015	Yes
			W022	W-SMA-15.1	09/08/2015	Yes
08/31/2015	RG265	0.4	A003	A-SMA-2.5	09/09/2015	Yes
			A004	A-SMA-2.7	09/09/2015	Yes
			A005	A-SMA-2.8	09/09/2015	Yes
			A006	A-SMA-3	09/09/2015	Yes
08/31/2015	RG267.4	0.31	A001	A-SMA-1.1	09/09/2015	Yes
			A002	A-SMA-2	09/09/2015	Yes
			F001	F-SMA-2	09/10/2015	Yes
			I005	PT-SMA-3	09/10/2015	Yes
			I007	PT-SMA-4.2	09/09/2015	Yes
09/22/2015	RG245.5	0.35	H004	3M-SMA-0.6	10/06/2015	Yes
			H005	3M-SMA-2.6	09/28/2015	Yes
			H006	3M-SMA-4	09/28/2015	Yes
			C002	CDB-SMA-0.25	10/01/2015	Yes
			C003	CDB-SMA-0.55	10/01/2015	Yes
			C004	CDB-SMA-1	10/01/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
09/22/2015	RG245.5	0.35	C005	CDB-SMA-1.15	10/01/2015	Yes
			C006	CDB-SMA-1.35	10/01/2015	Yes
			C007	CDB-SMA-1.54	10/01/2015	Yes
			C008	CDB-SMA-1.55	10/01/2015	Yes
			C009	CDB-SMA-1.65	10/01/2015	Yes
			J015	PJ-SMA-13	09/28/2015	Yes
			J016	PJ-SMA-13.7	09/28/2015	Yes
			J017	PJ-SMA-14	09/28/2015	Yes
			J018	PJ-SMA-14.2	09/28/2015	Yes
			J019	PJ-SMA-14.3	09/28/2015	Yes
			J020	PJ-SMA-14.4	09/28/2015	Yes
			J021	PJ-SMA-14.6	09/28/2015	Yes
			J022	PJ-SMA-14.8	09/28/2015	Yes
09/22/2015	RG262.4	0.34	H002	3M-SMA-0.4	10/06/2015	Yes
			H003	3M-SMA-0.5	10/06/2015	Yes
			V014	CDV-SMA-8	10/05/2015	Yes
			V015	CDV-SMA-8.5	10/05/2015	Yes
			V016	CDV-SMA-9.05	10/05/2015	Yes
			I001	PT-SMA-0.5	10/06/2015	Yes
			I002	PT-SMA-1	10/06/2015	Yes
			I003	PT-SMA-1.7	10/05/2015	Yes
			I004	PT-SMA-2	10/01/2015	Yes
			I004A	PT-SMA-2.01	10/01/2015	Yes
			W019	W-SMA-11.7	10/06/2015	Yes
			W020	W-SMA-12.05	09/28/2015	Yes
			W021	W-SMA-14.1	10/05/2015	Yes
			W022	W-SMA-15.1	09/28/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
09/22/2015	RG267.4	0.52	A001	A-SMA-1.1	09/28/2015	Yes
			A002	A-SMA-2	09/28/2015	Yes
			F001	F-SMA-2	10/01/2015	Yes
			I005	PT-SMA-3	10/01/2015	Yes
			I007	PT-SMA-4.2	10/07/2015	Yes
09/22/2015	RG-TA-53	0.47	B001	B-SMA-0.5	10/06/2015	Yes
			D008	DP-SMA-4	09/30/2015	Yes
			L030	LA-SMA-10.11	09/30/2015	Yes
			L030A	LA-SMA-10.12	09/30/2015	Yes
			L029	LA-SMA-9	10/06/2015	Yes
			P004	P-SMA-0.3	10/01/2015	Yes
			S011	S-SMA-4.1	10/06/2015	Yes
			S013	S-SMA-5	10/06/2015	Yes
			S014	S-SMA-5.2	10/06/2015	Yes
			S015	S-SMA-5.5	10/06/2015	Yes
			S016	S-SMA-6	10/06/2015	Yes
10/23/2015	RG121.9	0.33	E001	2M-SMA-1	11/03/2015	Yes
			E011	2M-SMA-1.9	11/03/2015	Yes
			E012	2M-SMA-2	11/03/2015	Yes
			E013	2M-SMA-2.2	11/03/2015	Yes
			L001	LA-SMA-0.85	11/03/2015	Yes
			L002	LA-SMA-0.9	10/29/2015	Yes
			L003	LA-SMA-1	10/29/2015	Yes
			L004	LA-SMA-1.1	10/29/2015	Yes
			L005	LA-SMA-1.25	10/29/2015	Yes
			M001	M-SMA-1	11/03/2015	Yes

Table 6-2 (continued)

Storm Date	Rain Gage	30-Min Maximum Intensity (in./30 min)	Permitted Feature	SMA	Inspection Date	Inspected within 15 d?
10/23/2015	RG121.9	0.33	M002	M-SMA-1.2	11/03/2015	Yes
			M002A	M-SMA-1.21	11/03/2015	Yes
			M002B	M-SMA-1.22	11/03/2015	Yes
			S001	S-SMA-0.25	11/02/2015	Yes
			S002	S-SMA-1.1	11/02/2015	Yes
			S003	S-SMA-2	11/02/2015	Yes
			S003A	S-SMA-2.01	11/02/2015	Yes
			S004	S-SMA-2.8	10/30/2015	Yes
			S005	S-SMA-3.51	11/02/2015	Yes
			S005A	S-SMA-3.52	10/30/2015	Yes
			S005B	S-SMA-3.53	11/02/2015	Yes
			S006	S-SMA-3.6	11/02/2015	Yes
			V001	CDV-SMA-1.2	11/09/2015	Yes
			V002	CDV-SMA-1.3	11/09/2015	Yes
			V003	CDV-SMA-1.4	11/09/2015	Yes
			V004	CDV-SMA-1.45	11/09/2015	Yes
			V005	CDV-SMA-1.7	11/09/2015	Yes
			J002	PJ-SMA-2	11/10/2015	Yes
10/29/2015	RG253	0.28	W001	W-SMA-1	11/09/2015	Yes
			W002	W-SMA-1.5	11/09/2015	Yes
			W003	W-SMA-2.05	11/09/2015	Yes
10/30/2015	RG240	0.26	J001	PJ-SMA-1.05	11/10/2015	Yes
			J028	STRM-SMA-1.05	11/10/2015	Yes
			J029	STRM-SMA-1.5	11/10/2015	Yes
			J030	STRM-SMA-4.2	11/10/2015	Yes
			J031	STRM-SMA-5.05	11/10/2015	Yes

Table 6-3
Summary of Annual Erosion Evaluation Inspections

Permitted Feature	SMA	Inspection Date
R001	R-SMA-0.5	11/16/2015
R002	R-SMA-1	11/16/2015
R003	R-SMA-1.95	11/16/2015
R004	R-SMA-2.05	11/02/2015
R005	R-SMA-2.3	11/02/2015
R006	R-SMA-2.5	11/12/2015
B001	B-SMA-0.5	10/27/2015
B002	B-SMA-1	10/27/2015
P001	ACID-SMA-1.05	11/10/2015
P002	ACID-SMA-2	11/10/2015
P002A	ACID-SMA-2.01	11/10/2015
P003	ACID-SMA-2.1	11/12/2015
P004	P-SMA-0.3	11/12/2015
P005	P-SMA-1	12/01/2015
P006	P-SMA-2	12/01/2015
P007	P-SMA-2.15	12/01/2015
P008	P-SMA-2.2	11/30/2015
P009	P-SMA-3.05	11/18/2015
L001	LA-SMA-0.85	10/28/2015
L002	LA-SMA-0.9	10/29/2015
L003	LA-SMA-1	10/29/2015
L004	LA-SMA-1.1	10/29/2015
L005	LA-SMA-1.25	10/29/2015
L006	LA-SMA-2.1	10/29/2015
L007	LA-SMA-2.3	11/02/2015
L008	LA-SMA-3.1	11/02/2015
L009	LA-SMA-3.9	11/02/2015
L010	LA-SMA-4.1	11/02/2015
L011	LA-SMA-4.2	11/02/2015
L012	LA-SMA-5.01	11/02/2015
L012A	LA-SMA-5.02	11/02/2015
L013	LA-SMA-5.2	11/02/2015
L015	LA-SMA-5.31	11/02/2015
L016	LA-SMA-5.33	11/09/2015
L014	LA-SMA-5.35	11/02/2015
L017	LA-SMA-5.361	11/09/2015
L017A	LA-SMA-5.362	11/09/2015
L018	LA-SMA-5.51	11/09/2015

Table 6-3 (continued)

Permitted Feature	SMA	Inspection Date
L018A	LA-SMA-5.52	11/09/2015
L018B	LA-SMA-5.53	11/09/2015
L018C	LA-SMA-5.54	11/09/2015
L019	LA-SMA-5.91	11/06/2015
L019A	LA-SMA-5.92	11/06/2015
L020	LA-SMA-6.25	11/04/2015
L021	LA-SMA-6.27	11/04/2015
L022	LA-SMA-6.3	11/04/2015
L022A	LA-SMA-6.31	11/04/2015
L023	LA-SMA-6.32	11/06/2015
L024	LA-SMA-6.34	11/04/2015
L025	LA-SMA-6.36	11/06/2015
L026	LA-SMA-6.38	11/04/2015
L027	LA-SMA-6.395	11/06/2015
L028	LA-SMA-6.5	11/06/2015
L029	LA-SMA-9	11/10/2015
L030	LA-SMA-10.11	11/17/2015
L030A	LA-SMA-10.12	11/17/2015
D001	DP-SMA-0.3	11/06/2015
D002	DP-SMA-0.4	11/06/2015
D003	DP-SMA-0.6	11/06/2015
D004	DP-SMA-1	11/06/2015
D005	DP-SMA-2	11/06/2015
D006	DP-SMA-2.35	11/06/2015
D007	DP-SMA-3	11/06/2015
D008	DP-SMA-4	11/06/2015
S001	S-SMA-0.25	11/04/2015
S002	S-SMA-1.1	11/06/2015
S003	S-SMA-2	11/04/2015
S003A	S-SMA-2.01	11/04/2015
S004	S-SMA-2.8	11/04/2015
S005	S-SMA-3.51	11/04/2015
S005A	S-SMA-3.52	11/04/2015
S005B	S-SMA-3.53	11/04/2015
S006	S-SMA-3.6	11/04/2015
S007	S-SMA-3.7	11/17/2015
S008	S-SMA-3.71	11/17/2015
S009	S-SMA-3.72	11/17/2015
S010	S-SMA-3.95	11/17/2015

Table 6-3 (continued)

Permitted Feature	SMA	Inspection Date
S011	S-SMA-4.1	11/17/2015
S012	S-SMA-4.5	11/17/2015
S013	S-SMA-5	11/17/2015
S014	S-SMA-5.2	11/17/2015
S015	S-SMA-5.5	11/17/2015
S016	S-SMA-6	11/18/2015
C001	CDB-SMA-0.15	10/27/2015
C002	CDB-SMA-0.25	11/10/2015
C003	CDB-SMA-0.55	11/19/2015
C004	CDB-SMA-1	10/27/2015
C005	CDB-SMA-1.15	11/19/2015
C006	CDB-SMA-1.35	11/19/2015
C007	CDB-SMA-1.54	11/19/2015
C008	CDB-SMA-1.55	10/27/2015
C009	CDB-SMA-1.65	10/27/2015
C010	CDB-SMA-4	11/18/2015
M001	M-SMA-1	11/23/2015
M002	M-SMA-1.2	11/23/2015
M002A	M-SMA-1.21	11/23/2015
M002B	M-SMA-1.22	11/23/2015
M003	M-SMA-3	11/02/2015
M004	M-SMA-3.1	11/02/2015
M005	M-SMA-3.5	11/02/2015
M006	M-SMA-4	11/02/2015
M007	M-SMA-5	11/03/2015
M008	M-SMA-6	11/03/2015
M009	M-SMA-7	11/03/2015
M010	M-SMA-7.9	11/03/2015
M011	M-SMA-9.1	10/28/2015
M012	M-SMA-10	11/03/2015
M012A	M-SMA-10.01	11/03/2015
M013	M-SMA-10.3	10/28/2015
M014	M-SMA-11.1	11/03/2015
M015	M-SMA-12	11/03/2015
M016	M-SMA-12.5	11/18/2015
M017	M-SMA-12.6	11/18/2015
M018	M-SMA-12.7	11/18/2015
M019	M-SMA-12.8	11/18/2015
M020	M-SMA-12.9	11/18/2015

Table 6-3 (continued)

Permitted Feature	SMA	Inspection Date
M021	M-SMA-12.92	11/18/2015
M022	M-SMA-13	11/18/2015
T001	Pratt-SMA-1.05	11/16/2015
T002	T-SMA-1	11/16/2015
T003	T-SMA-2.5	11/16/2015
T004	T-SMA-2.85	11/16/2015
T005	T-SMA-3	11/16/2015
T006	T-SMA-4	11/16/2015
T007	T-SMA-5	11/16/2015
T008	T-SMA-6.8	11/18/2015
T009	T-SMA-7	11/18/2015
T010	T-SMA-7.1	11/18/2015
E001	2M-SMA-1	11/23/2015
E002	2M-SMA-1.42	10/28/2015
E003	2M-SMA-1.43	10/28/2015
E004	2M-SMA-1.44	10/28/2015
E005	2M-SMA-1.45	10/28/2015
E006	2M-SMA-1.5	10/28/2015
E007	2M-SMA-1.65	11/03/2015
E008	2M-SMA-1.67	10/28/2015
E009	2M-SMA-1.7	11/03/2015
E010	2M-SMA-1.8	11/03/2015
E011	2M-SMA-1.9	11/03/2015
E012	2M-SMA-2	11/03/2015
E013	2M-SMA-2.2	11/03/2015
E014	2M-SMA-3	10/29/2015
E015	2M-SMA-2.5	11/03/2015
H001	3M-SMA-0.2	11/13/2015
H002	3M-SMA-0.4	11/20/2015
H003	3M-SMA-0.5	11/20/2015
H004	3M-SMA-0.6	11/23/2015
H005	3M-SMA-2.6	11/18/2015
H006	3M-SMA-4	11/03/2015
J001	PJ-SMA-1.05	10/29/2015
J002	PJ-SMA-2	10/27/2015
J003	PJ-SMA-3.05	10/27/2015
J004	PJ-SMA-4.05	10/27/2015
J005	PJ-SMA-5	10/28/2015
J006	PJ-SMA-5.1	10/28/2015

Table 6-3 (continued)

Permitted Feature	SMA	Inspection Date
J007	PJ-SMA-6	10/28/2015
J008	PJ-SMA-7	11/03/2015
J009	PJ-SMA-8	11/03/2015
J010	PJ-SMA-9	11/03/2015
J012	PJ-SMA-10	11/03/2015
J013	PJ-SMA-11	11/03/2015
J014	PJ-SMA-11.1	11/03/2015
J015	PJ-SMA-13	11/02/2015
J016	PJ-SMA-13.7	11/03/2015
J017	PJ-SMA-14	11/18/2015
J018	PJ-SMA-14.2	11/03/2015
J019	PJ-SMA-14.3	11/03/2015
J020	PJ-SMA-14.4	11/03/2015
J021	PJ-SMA-14.6	11/03/2015
J022	PJ-SMA-14.8	11/03/2015
J023	PJ-SMA-16	11/18/2015
J024	PJ-SMA-17	11/18/2015
J026	PJ-SMA-18	11/18/2015
J025	PJ-SMA-19	11/18/2015
J027	PJ-SMA-20	11/18/2015
J028	STRM-SMA-1.05	10/29/2015
J029	STRM-SMA-1.5	10/29/2015
J030	STRM-SMA-4.2	10/29/2015
J031	STRM-SMA-5.05	10/29/2015
V001	CDV-SMA-1.2	10/29/2015
V002	CDV-SMA-1.3	10/29/2015
V003	CDV-SMA-1.4	10/27/2015
V004	CDV-SMA-1.45	10/27/2015
V005	CDV-SMA-1.7	10/27/2015
V006	CDV-SMA-2	10/28/2015
V007	CDV-SMA-2.3	10/28/2015
V008	CDV-SMA-2.41	10/28/2015
V008A	CDV-SMA-2.42	10/28/2015
V009	CDV-SMA-2.5	10/28/2015
V009A	CDV-SMA-2.51	10/28/2015
V010	CDV-SMA-3	10/27/2015
V011	CDV-SMA-4	10/27/2015
V012	CDV-SMA-6.01	10/27/2015
V012A	CDV-SMA-6.02	10/27/2015

Table 6-3 (continued)

Permitted Feature	SMA	Inspection Date
V013	CDV-SMA-7	10/27/2015
V014	CDV-SMA-8	10/27/2015
V015	CDV-SMA-8.5	11/10/2015
V016	CDV-SMA-9.05	11/20/2015
F001	F-SMA-2	11/13/2015
I001	PT-SMA-0.5	11/20/2015
I002	PT-SMA-1	11/20/2015
I003	PT-SMA-1.7	11/20/2015
I004	PT-SMA-2	11/20/2015
I004A	PT-SMA-2.01	11/20/2015
I005	PT-SMA-3	11/13/2015
I007	PT-SMA-4.2	11/24/2015
W001	W-SMA-1	10/29/2015
W002	W-SMA-1.5	10/29/2015
W003	W-SMA-2.05	10/29/2015
W004	W-SMA-3.5	10/29/2015
W005	W-SMA-4.1	10/29/2015
W006	W-SMA-5	11/02/2015
W007	W-SMA-6	11/02/2015
W008	W-SMA-7	11/02/2015
W009	W-SMA-7.8	11/02/2015
W010	W-SMA-7.9	11/02/2015
W011	W-SMA-8	11/02/2015
W012	W-SMA-8.7	11/02/2015
W012A	W-SMA-8.71	11/02/2015
W013	W-SMA-9.05	11/02/2015
W014	W-SMA-9.5	11/19/2015
W015	W-SMA-9.7	11/19/2015
W016	W-SMA-9.8	11/19/2015
W017	W-SMA-9.9	11/19/2015
W018	W-SMA-10	11/19/2015
W019	W-SMA-11.7	11/23/2015
W020	W-SMA-12.05	11/09/2015
W021	W-SMA-14.1	11/20/2015
W022	W-SMA-15.1	11/09/2015
A001	A-SMA-1.1	11/04/2015
A002	A-SMA-2	11/04/2015
A003	A-SMA-2.5	11/04/2015
A004	A-SMA-2.7	11/04/2015

Table 6-3 (continued)

Permitted Feature	SMA	Inspection Date
A005	A-SMA-2.8	11/04/2015
A006	A-SMA-3	11/04/2015
A007	A-SMA-3.5	11/09/2015
A008	A-SMA-4	11/09/2015
A009	A-SMA-6	11/09/2015
Q001	CHQ-SMA-0.5	10/28/2015
Q002	CHQ-SMA-1.01	11/12/2015
Q002A	CHQ-SMA-1.02	11/12/2015
Q002B	CHQ-SMA-1.03	11/12/2015
Q003	CHQ-SMA-2	10/28/2015
Q004	CHQ-SMA-3.05	11/12/2015
Q005	CHQ-SMA-4	11/12/2015
Q006	CHQ-SMA-4.1	11/12/2015
Q007	CHQ-SMA-4.5	11/12/2015
Q008	CHQ-SMA-5.05	11/12/2015
Q009	CHQ-SMA-6	11/12/2015
Q010	CHQ-SMA-7.1	11/12/2015

Table 6-4
Summary of Visual Inspections for TAL Exceedances

Permitted Feature	SMA	Inspection Date
S009	S-SMA-3.72	09/21/2015
S016	S-SMA-6	12/18/2015
C001	CDB-SMA-0.15	09/01/2015
M015	M-SMA-12	09/11/2015
M020	M-SMA-12.9	09/25/2015
E002	2M-SMA-1.42	12/18/2015
J019	PJ-SMA-14.3	09/21/2015
J031	STRM-SMA-5.05	12/18/2015
V007	CDV-SMA-2.3	09/24/2015
W018	W-SMA-10	12/18/2015

Table 6-5
Summary of Remediation Construction Activity Inspections

Permitted Feature	SMA	Purpose	Inspection Date	Backup Controls in Place?
P004	P-SMA-0.3	Remediation Construction Activity Inspection at P-SMA-0.3	10/27/2015	Yes
P004	P-SMA-0.3	Remediation Construction Activity Inspection at P-SMA-0.3	11/04/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	08/20/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	08/27/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	09/03/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	09/10/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	09/18/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	09/25/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	10/02/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	10/09/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	10/16/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	10/22/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	10/30/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	11/06/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	11/13/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	11/20/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	11/27/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	12/03/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	12/11/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	12/18/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	12/23/2015	Yes
L006	LA-SMA-2.1	Remediation Construction Activity inspection at LA-SMA-2.1	12/29/2015	Yes
L017	LA-SMA-5.361	LA-SMA-5.361 Remediation Construction Activity inspection	05/27/2015	Yes
L017	LA-SMA-5.361	LA-SMA-5.361 Remediation Construction Activity Inspection	06/04/2015	Yes
L017A	LA-SMA-5.362	LA-SMA-5.362 Remediation Construction Activity inspection	05/27/2015	Yes
L017A	LA-SMA-5.362	LA-SMA-5.362 Remediation Construction Activity inspection	06/04/2015	Yes
L019A	LA-SMA-5.92	Remediation Construction Activity inspection at LA-SMA-5.92	09/04/2015	Yes
L019A	LA-SMA-5.92	Remediation Construction Activity inspection at LA-SMA-5.92	09/10/2015	Yes
L019A	LA-SMA-5.92	Remediation Construction Activity inspection at LA-SMA-5.92	09/17/2015	Yes
L019A	LA-SMA-5.92	Remediation Construction Activity inspection at LA-SMA-5.92	09/24/2015	Yes
L019A	LA-SMA-5.92	Remediation Construction Activity Inspection at LA-SMA-5.92	10/01/2015	Yes
C004	CDB-SMA-1	CDB-SMA-1 Remediation Construction Activity Inspection	07/13/2015	Yes
C004	CDB-SMA-1	CDB-SMA-1 Remediation Construction Activity Inspection	07/15/2015	Yes
T006	T-SMA-4	Remediation Construction Activity Inspection at T-SMA-4	03/09/2015	Yes
T006	T-SMA-4	Remediation Construction Activity Inspection at T-SMA-4	03/16/2015	Yes
T006	T-SMA-4	Remediation Construction Activity Inspection at T-SMA-4	03/23/2015	Yes
T006	T-SMA-4	Remediation Construction Activity Inspection at T-SMA-4.	03/26/2015	Yes

Table 6-5 (continued)

Permitted Feature	SMA	Purpose	Inspection Date	Backup Controls in Place?
T006	T-SMA-4	T-SMA-4 Remediation Construction Activity Inspection	06/19/2015	Yes
E004	2M-SMA-1.44	Remediation Construction Activity Inspection at 2M-SMA-1.44	05/29/2015	Yes
E004	2M-SMA-1.44	Remediation Construction Activity Inspection at 2M-SMA-1.44	06/04/2015	Yes
E004	2M-SMA-1.44	Remediation Construction Activity Inspection at 2M-SMA-1.44	06/09/2015	Yes
E004	2M-SMA-1.44	Remediation Construction Activity Inspection	06/17/2015	Yes
E014	2M-SMA-3	2M-SMA-3 Remediation Construction Activity Inspection	07/27/2015	Yes
E014	2M-SMA-3	2M-SMA-3 Remediation Construction Activity Inspection	08/03/2015	Yes
E014	2M-SMA-3	2M-SMA-3 Remediation Construction Activity Inspection	08/10/2015	Yes
E014	2M-SMA-3	2M-SMA-3 Remediation Construction Activity Inspection	08/13/2015	Yes
H006	3M-SMA-4	Remediation Construction Activity inspection at 3M-SMA-4	09/16/2015	Yes
H006	3M-SMA-4	Remediation Construction Activity inspection at 3M-SMA-4	09/25/2015	Yes
H006	3M-SMA-4	Remediation Construction Activity inspection at 3M-SMA-4	09/30/2015	Yes
J001	PJ-SMA-1.05	PJ-SMA-1.05 Remediation Construction Activity Inspection	07/07/2015	Yes
J001	PJ-SMA-1.05	PJ-SMA-1.05 Remediation Construction Activity Inspection	07/13/2015	Yes
J001	PJ-SMA-1.05	PJ-SMA-1.05 Remediation Construction Activity Inspection	07/20/2015	Yes
J001	PJ-SMA-1.05	PJ-SMA-1.05 Remediation Construction Activity Inspection	07/27/2015	Yes
J001	PJ-SMA-1.05	PJ-SMA-1.05 Remediation Construction Activity Inspection	08/03/2015	Yes
J001	PJ-SMA-1.05	PJ-SMA-1.05 Remediation Construction Activity Inspection	08/10/2015	Yes
J005	PJ-SMA-5	Remediation Construction Activity Inspection at PJ-SMA-5	01/07/2015	Yes
J010	PJ-SMA-9	Remediation Construction Activity inspection at PJ-SMA-9	09/17/2015	Yes
J012	PJ-SMA-10	Remediation Construction Activity inspection at PJ-SMA-10	09/17/2015	Yes
J012	PJ-SMA-10	PJ-SMA-10 Remediation Construction Activity Inspection	09/22/2015	Yes
J012	PJ-SMA-10	Remediation Construction Activity Inspection at PJ-SMA-10	10/01/2015	Yes
J013	PJ-SMA-11	Remediation Construction Activity Inspection at PJ-SMA-11	01/07/2015	Yes
J013	PJ-SMA-11	Remediation Construction Activity inspection at PJ-SMA-11	01/22/2015	Yes
J013	PJ-SMA-11	Remediation Construction Activity inspection at PJ-SMA-11.	01/29/2015	Yes
J013	PJ-SMA-11	Remediation Construction Activity inspection at PJ-SMA-11.	02/05/2015	Yes
J013	PJ-SMA-11	Remediation Construction Activity inspection at PJ-SMA-11.	02/11/2015	Yes
J013	PJ-SMA-11	Remediation Construction Activity Inspection at PJ-SMA-11	02/19/2015	Yes
J013	PJ-SMA-11	Remediation Construction Activity Inspection at PJ-SMA-11	02/25/2015	Yes
J014	PJ-SMA-11.1	Remediation Construction Activity Inspection at PJ-SMA-11.1	01/07/2015	Yes
J014	PJ-SMA-11.1	Remediation Construction Activity Inspection at PJ-SMA-11.1	01/14/2015	Yes
J014	PJ-SMA-11.1	Remediation Construction Activity inspection at PJ-SMA-11.1	01/22/2015	Yes
J014	PJ-SMA-11.1	Remediation Construction Activity inspection at PJ-SMA-11.1.	01/29/2015	Yes
J014	PJ-SMA-11.1	Remediation Construction Activity inspection at PJ-SMA-11.1.	02/05/2015	Yes

Table 6-5 (continued)

Permitted Feature	SMA	Purpose	Inspection Date	Backup Controls in Place?
J014	PJ-SMA-11.1	Remediation Construction Activity inspection at PJ-SMA-11.1.	02/11/2015	Yes
J014	PJ-SMA-11.1	Remediation Construction Activity Inspection at PJ-SMA-11.1	02/19/2015	Yes
J014	PJ-SMA-11.1	Remediation Construction Activity Inspection at PJ-SMA-11.1	02/25/2015	Yes
J029	STRM-SMA-1.5	STRM-SMA-1.5 Remediation Construction Activity Inspection	07/20/2015	Yes
J029	STRM-SMA-1.5	STRM-SMA-1.5 Remediation Construction Activity Inspection	07/27/2015	Yes
J029	STRM-SMA-1.5	STRM-SMA-1.5 Remediation Construction Activity Inspection	08/03/2015	Yes
J029	STRM-SMA-1.5	STRM-SMA-1.5 Remediation Construction Activity Inspection	08/05/2015	Yes
V005	CDV-SMA-1.7	CDV-SMA-1.7 Remediation Construction Activity Inspection	06/12/2015	Yes
V005	CDV-SMA-1.7	CDV-SMA-1.7 Remediation Construction Activity Inspection	06/19/2015	Yes
V005	CDV-SMA-1.7	CDV-SMA-1.7 Remediation Construction Activity Inspection	10/22/2015	Yes
V005	CDV-SMA-1.7	CDV-SMA-1.7 Remediation Construction Activity Inspection	10/29/2015	Yes
V005	CDV-SMA-1.7	CDV-SMA-1.7 Remediation Construction Activity Inspection	11/05/2015	Yes
V008A	CDV-SMA-2.42	CDV-SMA-2.42 Remediation Construction Activity Inspection	07/27/2015	Yes
V008A	CDV-SMA-2.42	CDV-SMA-2.42 Remediation Construction Activity Inspection	08/04/2015	Yes
V008A	CDV-SMA-2.42	CDV-SMA-2.42 Remediation Construction Activity Inspection	08/11/2015	Yes
V008A	CDV-SMA-2.42	CDV-SMA-2.42 Remediation Construction Activity Inspection	08/17/2015	Yes
V012	CDV-SMA-6.01	Remediation Construction Activity Inspection at CDV-SMA-6.01	09/02/2015	Yes
V012	CDV-SMA-6.01	CDV-SMA-6.01 Remediation Construction Activity Inspection	09/09/2015	Yes
V013	CDV-SMA-7	Remediation Construction Activity Inspection at CDV-SMA-7	06/18/2015	Yes
F001	F-SMA-2	Remediation Construction Activity Inspection at F-SMA-2	07/27/2015	Yes
F001	F-SMA-2	Remediation Construction Activity Inspection at F-SMA-2	08/03/2015	Yes
F001	F-SMA-2	Remediation Construction Activity Inspection at F-SMA-2	08/10/2015	Yes
F001	F-SMA-2	Remediation Construction Activity Inspection at F-SMA-2	08/19/2015	Yes
I002	PT-SMA-1	PT-SMA-1 Remediation Construction Activity Inspection	08/31/2015	Yes
I004	PT-SMA-2	PT-SMA-2 Remediation Construction Activity Inspection	08/15/2015	Yes
I005	PT-SMA-3	Remediation Construction Activity Inspection at PT-SMA-3	05/07/2015	Yes
I005	PT-SMA-3	Remediation Construction Activity inspection at PT-SMA-3	05/11/2015	Yes
I005	PT-SMA-3	Remediation Construction Activity inspection at PT-SMA-3.	05/18/2015	Yes
I005	PT-SMA-3	Remediation Construction Activity inspection at PT-SMA-3.	05/21/2015	Yes
I007	PT-SMA-4.2	Remediation Construction Activity Inspection at PT-SMA-4.2	08/11/2015	Yes
I007	PT-SMA-4.2	Remediation Construction Activity Inspection at PT-SMA-4.2	08/21/2015	Yes
I007	PT-SMA-4.2	Remediation Construction Activity Inspection at PT-SMA-4.2	08/27/2015	Yes
I007	PT-SMA-4.2	Remediation Construction Activity Inspection at PT-SMA-4.2	09/04/2015	Yes
I007	PT-SMA-4.2	PT-SMA-4.2 Remediation Construction Activity Inspection	09/09/2015	Yes
W002	W-SMA-1.5	W-SMA-1.5 Remediation Construction Activity Inspection	06/18/2015	Yes
W002	W-SMA-1.5	W-SMA-1.5 Remediation Construction Activity Inspection	06/25/2015	Yes
W002	W-SMA-1.5	W-SMA-1.5 Remediation Construction Activity Inspection	07/01/2015	Yes

Table 6-5 (continued)

Permitted Feature	SMA	Purpose	Inspection Date	Backup Controls in Place?
W002	W-SMA-1.5	W-SMA-1.5 Remediation Construction Activity Inspection	07/08/2015	Yes
W002	W-SMA-1.5	W-SMA-1.5 Remediation Construction Activity Inspection	07/14/2015	Yes
W002	W-SMA-1.5	W-SMA-1.5 Remediation Construction Activity Inspection	07/22/2015	Yes
W008	W-SMA-7	Remediation Construction Activity Inspection at W-SMA-7	05/29/2015	Yes
W008	W-SMA-7	Remediation Construction Activity Inspection at W-SMA-7	08/19/2015	Yes
W012A	W-SMA-8.71	W-SMA-8.71 Remediation Construction Activity Inspection	06/04/2015	Yes
W012A	W-SMA-8.71	W-SMA-8.71 Remediation Construction Activity Inspection	06/10/2015	Yes
W012A	W-SMA-8.71	W-SMA-8.71 Remediation Construction Activity Inspection	07/13/2015	Yes
W012A	W-SMA-8.71	W-SMA-8.71 Remediation Construction Activity Inspection	07/15/2015	Yes
A006	A-SMA-3	Remediation Construction Activity Inspection	04/20/2015	Yes
A006	A-SMA-3	Remediation Construction Activity inspection at A-SMA-3	04/29/2015	Yes
A006	A-SMA-3	Remediation Construction Activity inspection at A-SMA-3	05/04/2015	Yes
A006	A-SMA-3	Remediation Construction Activity inspection at A-SMA-3	05/11/2015	Yes
A006	A-SMA-3	Remediation Construction Activity inspection at A-SMA-3.	05/18/2015	Yes
A006	A-SMA-3	Remediation Construction Activity inspection at A-SMA-3.	05/21/2015	Yes
Q001	CHQ-SMA-0.5	Remediation Construction Activity inspection at CHQ-SMA-0.5	09/10/2015	Yes
Q001	CHQ-SMA-0.5	Remediation Construction Activity inspection at CHQ-SMA-0.5	09/17/2015	Yes
Q003	CHQ-SMA-2	CHQ-SMA-2 Remediation Construction Activity Inspection	09/10/2015	Yes
Q003	CHQ-SMA-2	CHQ-SMA-2 Remediation Construction Activity Inspection	09/17/2015	Yes
Q003	CHQ-SMA-2	CHQ-SMA-2 Remediation Construction Activity Inspection	09/23/2015	Yes
Q004	CHQ-SMA-3.05	Remediation Construction Activity Inspection at CHQ-SMA-3.05	05/26/2015	Yes
Q004	CHQ-SMA-3.05	Remediation Construction Activity Inspection at CHQ-SMA-3.05	05/28/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	02/25/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	03/04/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	03/11/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	03/18/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	03/25/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	04/01/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	04/08/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	04/14/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	04/21/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	04/29/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	05/07/2015	Yes
Q009	CHQ-SMA-6	Remediation Construction Activity Inspection at CHQ-SMA-6	05/14/2015	Yes

Table 6-6
Samples Collected without Measurable Discharge

SMA	Comment	Rain Events Exceeding 0.25 in. during Periods of Inoperability	Rainfall Intensity/Total (in.)
CDV-SMA-9.05	Insufficient volume collected 08/17/15 12:23-12:34. Sample not retrieved. Reset at inspection on 08/20/15 (inoperable 3 days).	None	n/a*
CDV-SMA-9.05	Insufficient volume collected 08/31/15 12:43-12:54. Reset at inspection on 09/04/15 (inoperable 4 days).	None	n/a
M-SMA-12.8	Insufficient volume collected 07/31/15 13:14. Sample not retrieved. Reset at inspection 09/10/15 (inoperable 41 days).	None	n/a
S-SMA-3.7	Insufficient volume collected 07/03/15 14:41. Sampler remained inhibited after collection	None	n/a

*n/a = Not applicable.

Table 6-7
Insufficient Battery Voltage to Operate Sampler

SMA	Compliance Status Report Comment	Rain Events Exceeding 0.25 in. during Periods of Inoperability	Rainfall Intensity/Total (in.)
A-SMA-2.7	Sampler off on arrival on 6/4/15 due to insufficient battery voltage (4.62 V). Shut-down time is set from one minute from last known operability on 04/29/15. The battery was replaced and the sampler was reset for continued monitoring on 06/04/15 (inoperable time 36 days)	05/04/2015 05/12/2015 05/15/2015 05/21/2015	0.19/0.53 0.09/0.55 0.23/0.80 0.24/0.84

Table 6-8
Malfunctioning Sampler Equipment and Repair

SMA	Compliance Status Report Comment	Rain Events Exceeding 0.25 in. during Periods of Inoperability	Rainfall Intensity/Total (in.)
2M-SMA-1.67	ISCO found tipped over at inspection on 5/13/2015 at 1:00 PM. Downtime 1 minute from last known date of operability at 4/15/2015 at 10:31 AM. Reset at inspection (inoperable up to 29 d).	04/17/2015 04/26/2015 05/12/2015	0.07/0.33 0.12/0.50 0.11/0.57
3M-SMA-0.6	ISCO found tipped over at inspection on 5/13/2015 at 12:30 PM. Down time 1 minute from last known operability at 4/1/2015 at 11:45 AM. Reset at inspection (inoperable up to 42 d).	04/18/2015 04/26/2015 05/04/2015 05/05/2015 05/12/2015	0.08/0.29 0.11/0.57 0.14/0.37 0.10/0.25 0.18/0.64
3M-SMA-0.6	Sampler found off and tipped over on arrival on site visit on 9/2/15. Evidence of wildlife in area, pest control contacted. Pest control on site 9/23/15, sampler was inhibited for continued monitoring on 9/24/15 at 9:30 am per SMPLR-48711. Downtime is set at 1 minute past last known operability at 7/23/2015 at 10:58 AM per SMPLR-47855 (inoperable up to 63 d).	07/28/2015 07/29/2015 08/02/2015 08/17/2015 09/22/2015	0.27/0.31 0.50/0.94 0.12/0.25 0.07/0.42 0.35/0.44
CDV-SMA-1.2	The sampler was inoperable because of equipment failure - ISCO head malfunction - on 3/31/2015 at 11:30 AM (estimated at immediately after last known operable time) and was reset on 5/7/2015 at 11:30 AM (inoperable up to 37 d).	04/18/2015 04/26/2015 05/05/2015	0.13/0.28 0.17/0.45 0.10/0.35
CHQ-SMA-5.05	The sampler was inoperable because of equipment failure - ISCO head malfunction - on 5/6/2015 at 1:00 PM (estimated at immediately after last known operable time) and was reset on 5/18/2015 at 14:34 (inoperable up to 12 d).	05/12/2015 05/15/2015	0.17/0.51 0.21/0.79
LA-SMA-5.54	The sampler was inoperable because of disturbed equipment on 8/3/2015 at 2:11 PM (estimated at immediately after last known operable time) and was reset on 9/14/2015 at 3:37 PM (inoperable up to 42 d).	08/08/2015	0.18/0.45
LA-SMA-6.34	The sampler was inoperable because of disturbed equipment on 8/3/2015 at 3:41 PM (estimated at immediately after last known operable time) and was reset on 9/17/2015 at 11:30 AM (inoperable up to 45 d).	08/08/2015	0.18/0.45
LA-SMA-6.38	The sampler was inoperable because of disturbed equipment on 8/3/2015 at 4:16 PM (estimated at immediately after last known operable time) and was reset on 9/17/2015 at 1:00 PM (inoperable up to 45 d).	08/08/2015	0.18/0.45

Table 6-8 (continued)

SMA	Compliance Status Report Comment	Rain Events Exceeding 0.25 in. during Periods of Inoperability	Rainfall Intensity/Total (in.)
M-SMA-12.7	Sediment removed from intake at inspection on 7/21/15. Sampler operability was not impacted, but evidence of flow was documented at inspection.	n/a*	n/a
M-SMA-12.8	Sediment removed from intake and actuator at inspection on 7/21/15. Sampler operability was not impacted, but evidence of flow was documented at inspection.	n/a	n/a
M-SMA-12.9	Sediment removed from intake and actuator at inspection on 7/6/15. Sampler operability was not impacted, but evidence of flow was documented at inspection.	n/a	n/a
P-SMA-1	The sampler was inoperable because of equipment failure - flooded battery box - on 6/8/2015 at 9:26 AM (estimated at immediately after last known operable time) and was reset on 8/6/2015 at 1:10 PM (inoperable up to 60 d).	06/26/2015 07/02/2015 07/05/2015 07/06/2015 07/12/2015 07/15/2015 07/20/2015 07/29/2015 07/31/2015 08/01/2015	0.55/0.63 0.14/0.25 0.14/0.46 0.23/0.67 0.14/0.27 0.20/0.28 0.38/0.82 0.30/0.67 0.55/0.74 0.11/0.25
STRM-SMA-5.05	The sampler intake was moved approximately 1 ft. into the flow path observed at inspection on 7/22/15. Sampler operability was not impacted, but evidence of flow was documented at inspection.	n/a	n/a
W-SMA-4.1	The sampler was inoperable because of disturbed equipment on 6/10/2015 at 9:48 AM (estimated at immediately after last known operable time) and was reset on 7/8/2015 at 9:00 AM (inoperable up to 28 d).	06/13/2015 06/26/2015 07/05/2015 07/06/2015	0.09/0.25 0.37/0.40 0.12/0.49 0.41/1.21

*n/a = Not applicable.

Table 6-9
Inoperable Triggered Sampler Equipment

SMA	Compliance Status Report Comment	Rain Events Exceeding 0.25 in. during Periods of Inoperability	Rainfall Intensity/Total (in.)
A-SMA-1.1	The sampler attempted but was unable to collect a sample on 5/13/2015 at 4:54 AM and was reset on 5/18/2015 at 12:30 PM (inoperable 5 d).	05/15/2015	0.16/0.79
A-SMA-1.1	The sampler attempted but was unable to collect a sample on 7/28/2015 at 6:41 PM and was reset on 7/29/2015 at 11:40 AM before it rained (inoperable 1 d).	None	n/a*
A-SMA-1.1	The sampler attempted but was unable to collect a sample on 7/29/2015 at 11:59 PM and was reset on 08/03/2015 at 10:45 AM (inoperable 4 d).	08/01/2015 08/02/2015	0.15/0.33 0.12/0.47
CDV-SMA-6.02	The sampler attempted but was unable to collect a sample on 8/01/2015 at 11:45 AM and was reset on 8/3/2015 at 9:30 AM (inoperable 2 d).	08/02/2015	0.25/0.70
CDV-SMA-9.05	Program ran 06/26/15 18:43-18:54. No sample collected. Reset at inspection on 07/01/15 (inoperable 5 days).	None	n/a
CDV-SMA-9.05	Program ran 07/06/15 12:38-12:49, no sample collected. Reset at inspection on 07/17/15 (inoperable 11 days).	07/12/2015 07/15/0215	0.11/0.28 0.31/0.56
CDV-SMA-9.05	Program ran 9/22/15 16:21-16:32, no sample collected. Reset at inspection on 09/24/15 (inoperable 2 days).	None	n/a
LA-SMA-5.2	The sampler attempted but was unable to collect a sample on 9/22/2015 at 5:11 PM and was reset on 9/23/2015 at 9:50 AM (inoperable 1 d).	None	n/a
LA-SMA-5.2	The sampler attempted but was unable to collect a sample on 10/04/2015 at 2:48 AM and was reset on 10/22/2015 at 1:20 PM (inoperable 18 d).	10/20/2015 10/21/2015	0.14/0.36 0.15/1.36
PJ-SMA-2	The sampler attempted but was unable to collect a sample on 8/17/2015 at 12:27 PM and was reset on 8/25/2015 at 1:55 PM (inoperable 8 d).	None	n/a
PJ-SMA-7	The sampler attempted but was unable to collect a sample on 6/1/2015 at 12:59 PM and was reset on 6/16/2015 at 3:15 PM following rain event (inoperable 15 d).	06/10/2015 06/13/2015	0.28/0.28 0.10/0.29

Table 6-9 (continued)

SMA	Compliance Status Report Comment	Rain Events Exceeding 0.25 in. during Periods of Inoperability	Rainfall Intensity/Total (in.)
PJ-SMA-8	The sampler attempted but was unable to collect a sample on 7/31/2015 at 1:07 PM and was reset on 8/3/2015 at 11:15 AM (inoperable 3 d).	08/01/2015 08/02/2015	0.34/0.49 0.20/0.61
Pratt-SMA-1.05	The sampler attempted but was unable to collect a sample on 9/11/2015 at 12:26 PM and was reset on 9/21/2015 at 3:00 PM before rain fell (inoperable 10 d).	None	n/a
P-SMA-2.15	The sampler attempted but was unable to collect a sample on 5/5/2015 at 12:39 PM and was reset on 5/8/2015 at 12:30 PM (inoperable 3 d).	None	n/a
P-SMA-2.15	The sampler attempted but was unable to collect a sample on 7/29/2015 at 6:26 PM and was reset on 8/04/2015 at 9:08 AM (inoperable 6 d).	07/31/2015 08/01/2015	0.55/0.74 0.11/0.25

*n/a = Not applicable.

Table 6-10
2015 Rainfall Intensity and Total Amounts on Days with Total Rainfall greater than 0.1 in. in 24 h

Precipitation Date	RG-NCOM	RG-TA-06	RG-TA-49	RG-TA-53	RG-TA-54	RG038	RG055.5	RG121.9	RG200.5	RG203	RG240	RG245.5	RG253	RG257	RG262.4	RG265	RG267.4	RG340
01/30/2015	0.04/0.41	0.04/0.52	0.06/0.62	0.04/0.43	0.05/0.52	n/a*	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
02/27/2015	0.02/0.20	0.06/0.31	0.06/0.39	0.04/0.26	0.05/0.33	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
02/28/2015	0.07/0.33	0.04/0.20	0.03/0.23	0.04/0.18	0.03/0.21	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
03/19/2015	0.10/0.53	0.08/0.61	0.15/0.79	0.16/0.75	0.15/0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
04/17/2015	0.05/0.25	0.07/0.33	0.05/0.31	0.05/0.32	0.03/0.08	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00
04/18/2015	0.03/0.07	0.00/0.00	0.00/0.00	0.00/0.00	0.04/0.11	0.12/0.25	0.11/0.31	0.11/0.29	0.13/0.26	0.11/0.30	0.05/0.31	0.08/0.29	0.13/0.28	0.14/0.29	0.07/0.33	0.09/0.33	0.00/0.00	0.13/0.33
04/26/2015	0.08/0.46	0.12/0.50	0.13/0.64	0.11/0.50	0.10/0.40	0.10/0.44	0.13/0.55	0.13/0.47	0.08/0.47	0.10/0.51	0.13/0.45	0.11/0.57	0.17/0.45	0.20/0.51	0.15/0.64	0.12/0.57	0.13/0.63	0.17/0.59
05/03/2015	0.24/0.50	0.02/0.04	0.04/0.08	0.01/0.02	0.02/0.02	0.01/0.02	0.02/0.04	0.04/0.07	0.01/0.01	0.01/0.02	0.11/0.24	0.02/0.03	0.05/0.09	0.03/0.05	0.04/0.05	0.01/0.01	0.01/0.02	0.03/0.03
05/04/2015	0.06/0.14	0.08/0.22	0.09/0.29	0.10/0.35	0.06/0.28	0.06/0.24	0.08/0.26	0.07/0.19	0.07/0.24	0.13/0.36	0.07/0.13	0.14/0.37	0.08/0.13	0.08/0.19	0.10/0.33	0.19/0.53	0.15/0.39	0.25/0.49
05/05/2015	0.05/0.16	0.05/0.12	0.08/0.16	0.06/0.13	0.06/0.10	0.03/0.09	0.11/0.18	0.10/0.21	0.04/0.15	0.04/0.16	0.16/0.40	0.10/0.25	0.10/0.35	0.06/0.20	0.14/0.43	0.03/0.07	0.07/0.25	0.02/0.06
05/12/2015	0.08/0.43	0.11/0.57	0.12/0.65	0.11/0.58	0.07/0.51	0.10/0.47	0.10/0.51	0.10/0.48	0.10/0.50	0.16/0.63	0.09/0.50	0.18/0.64	0.09/0.46	0.10/0.51	0.13/0.65	0.09/0.55	0.16/0.65	0.07/0.51
05/15/2015	0.08/0.50	0.09/0.57	0.12/0.83	0.12/0.81	0.20/0.79	0.09/0.61	0.14/0.69	0.12/0.61	0.09/0.64	0.11/0.75	0.10/0.60	0.14/0.77	0.09/0.54	0.09/0.60	0.16/0.89	0.23/0.80	0.16/0.79	0.21/0.79
05/21/2015	0.15/0.73	0.18/0.77	0.21/0.81	0.27/0.78	0.22/0.75	0.17/0.65	0.17/0.75	0.17/0.72	0.14/0.49	0.17/0.69	0.22/0.95	0.18/0.73	0.09/0.21	0.17/0.70	0.18/0.79	0.24/0.84	0.20/0.78	0.27/0.79
05/25/2015	0.00/0.00	0.00/0.00	0.00/0.00	0.29/0.37	0.12/0.14	0.01/0.01	0.00/0.00	0.00/0.00	0.00/0.00	0.10/0.13	0.00/0.00	0.01/0.03	0.00/0.00	0.00/0.00	0.01/0.01	0.05/0.08	0.01/0.01	0.02/0.05
05/26/2015	0.01/0.02	0.05/0.05	0.03/0.04	0.05/0.06	0.00/0.00	0.07/0.08	0.01/0.01	0.04/0.04	0.02/0.03	0.10/0.12	0.02/0.03	0.06/0.09	0.00/0.00	0.08/0.08	0.04/0.04	0.00/0.00	0.04/0.04	0.02/0.04
05/31/2015	0.06/0.07	0.08/0.20	0.03/0.03	0.00/0.00	0.00/0.00	0.00/0.00	0.04/0.05	0.09/0.18	0.01/0.02	0.00/0.00	0.20/0.34	0.01/0.01	0.02/0.04	0.08/0.16	0.13/0.16	0.03/0.04	0.01/0.08	0.00/0.00
06/01/2015	0.01/0.03	0.19/0.33	0.04/0.06	0.06/0.10	0.10/0.11	0.16/0.21	0.16/0.19	0.27/0.30	0.23/0.46	0.16/0.26	0.06/0.08	0.11/0.21	0.10/0.15	0.08/0.17	0.15/0.23	0.00/0.00	0.13/0.17	0.00/0.00
06/07/2015	0.22/0.22	0.04/0.07	0.07/0.07	0.29/0.30	0.09/0.09	0.03/0.06	0.13/0.15	0.15/0.18	0.06/0.07	0.25/0.27	0.03/0.06	0.14/0.16	0.05/0.06	0.02/0.04	0.13/0.13	0.06/0.06	0.10/0.10	0.03/0.03
06/09/2015	0.03/0.07	0.06/0.07	0.04/0.11	0.01/0.01	0.01/0.03	0.02/0.03	0.06/0.10	0.11/0.12	0.04/0.05	0.01/0.03	0.06/0.15	0.03/0.06	0.03/0.06	0.15/0.17	0.12/0.15	0.03/0.04	0.09/0.13	0.03/0.06
06/10/2015	0.00/0.00	0.28/0.28	0.05/0.05	0.10/0.10	0.00/0.00	0.12/0.13	0.07/0.07	0.14/0.15	0.18/0.18	0.10/0.11	0.01/0.01	0.09/0.10	0.16/0.17	0.19/0.20	0.12/0.14	0.00/0.00	0.12/0.15	0.06/0.09
06/13/2015	0.11/0.35	0.10/0.29	0.12/0.37	0.10/0.21	0.10/0.20	0.06/0.12	0.11/0.32	0.10/0.34	0.11/0.28	0.10/0.23	0.11/0.38	0.12/0.26	0.09/0.18	0.09/0.25	0.11/0.29	0.11/0.25	0.11/0.24	0.13/0.22
06/16/2015	0.12/0.15	0.19/0.19	0.03/0.03	0.00/0.00	0.00/0.00	0.02/0.04	0.09/0.10	0.16/0.17	0.08/0.08	0.03/0.03	0.15/0.15	0.03/0.03	0.30/0.30	0.07/0.07	0.03/0.03	0.00/0.00	0.01/0.01	0.00/0.00
06/18/2015	0.00/0.00	0.02/0.02	0.01/0.01	0.00/0.00	0.01/0.01	0.00/0.00	0.00/0.00	0.01/0.01	0.00/0.00	0.01/0.01	0.06/0.08	0.02/0.02	0.12/0.13	0.02/0.03	0.01/0.02	0.01/0.01	0.00/0.00	0.00/0.00
06/24/2015	0.03/0.06	0.11/0.11	0.01/0.01	0.02/0.02	0.00/0.00	0.05/0.06	0.12/0.14	0.08/0.09	0.05/0.06	0.04/0.05	0.03/0.03	0.05/0.05	0.04/0.05	0.07/0.07	0.06/0.07	0.00/0.00	0.01/0.01	0.00/0.00
06/26/2015	0.25/0.50	0.29/0.57	0.24/0.52	0.07/0.11	0.00/0.00	0.55/0.63	0.43/0.60	0.35/0.68	0.42/0.55	0.27/0.31	0.26/0.30	0.32/0.39	0.35/0.38	0.37/0.40	0.33/0.65	0.08/0.09	0.22/0.37	0.10/0.13
06/27/2015	0.04/0.08	0.11/0.18	0.01/0.01	0.00/0.00	0.00/0.00	0.01/0.03	0.03/0.06	0.07/0.13	0.02/0.04	0.01/0.03	0.51/0.62	0.01/0.02	0.17/0.27	0.11/0.17	0.03/0.06	0.01/0.01	0.03/0.05	0.00/0.00
07/02/2015	0.75/0.97	0.08/0.17	0.03/0.07	0.29/0.69	0.08/0.19	0.14/0.25	0.24/0.42	0.14/0.28	0.10/0.19	0.10/0.23	0.05/0.14	0.06/0.16	0.04/0.12	0.03/0.11	0.04/0.10	0.05/0.13	0.04/0.10	0.06/0.12
07/03/2015	0.48/0.93	0.18/0.30	0.02/0.02	0.12/0.15	0.00/0.00	0.10/0.15	0.45/0.83	0.34/0.56	0.24/0.27	0.31/0.33	0.38/0.51	0.15/0.18	0.21/0.34	0.13/0.18	0.07/0.08	0.04/0.05	0.08/0.09	0.02/0.02
07/04/2015	0.64/0.73	0.04/0.06	0.01/0.01	0.00/0.00	0.00/0.00	0.01/0.02	0.09/0.12	0.09/0.11	0.01/0.02	0.00/0.00	0.62/0.71	0.01/0.02	0.70/0.78	0.10/0.12	0.01/0.01	0.00/0.00	0.02/0.02	0.00/0.00
07/05/2015	0.17/0.56	0.19/0.83	0.24/0.70	0.11/0.48	0.18/0.42	0.14/0.46	0.16/0.62	0.22/0.84	0.14/0.73	0.15/0.50	0.10/0.41	0.25/0.66	0.09/0.37	0.12/0.49	0.17/0.76	0.48/0.88	0.35/1.11	0.08/0.26
07/06/2015	0.21/0.63	0.37/0.87	0.17/0.80	0.27/0.81	0.16/0.60	0.23/0.67	0.31/0.95	0.36/0.87	0.36/0.82	0.28/0.88	0.44/1.04	0.26/0.66	0.36/0.87	0.41/1.21	0.20/0.82	0.20/0.73	0.20/0.71	0.17/0.66
07/12/2015	0.10/0.21	0.10/0.26	0.07/0.22	0.05/0.15	0.12/0.21	0.14/0.27	0.08/0.23	0.10/0.24	0.13/0.27	0.16/0.28	0.24/0.48	0.19/0.32	0.35/0.58	0.32/0.49	0.11/0.28	0.11/0.18	0.13/0.23	0.12/0.18
07/13/2015	0.22/0.22	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.05/0.05	0.01/0.01	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00
07/14/2015	0.01/0.01	0.03/0.03	0.07/0.08	0.10/0.11	0.00/0.00	0.03/0.06	0.09/0.09	0.09/0.09	0.03/0.03	0.08/0.09	0.01/0.01	0.06/0.07	0.00/0.00	0.00/0.00	0.08/0.08	0.01/0.01	0.02/0.02	0.01/0.01
07/15/2015	0.00/0.00	0.88/1.10	0.15/0.24	0.16/0.32	0.29/0.50	0.20/0.28	0.03/0.04	0.29/0.34	0.48/0.73	0.30/0.58	0.68/0.73	0.36/0.75	0.13/0.25	0.20/0.34	0.31/0.56	0.10/0.24	0.32/0.60	0.05/0.12
07/18/2015	0.10/0.30	0.06/0.09	0.07/0.12	0.12/0.18	0.03/0.03	0.14/0.18	0.15/0.34	0.07/0.15	0.12/0.16	0.14/0.20	0.25/0.55	0.13/0.20	0.19/0.27	0.07/0.13	0.07/0.12	0.02/0.03	0.05/0.09	0.08/0.10
07/19/2015	0.25/0.26	0.00/0.00	0.00/0.00	0.00/0.00	0.05/0.05	0.00/0.00	0.26/0.26	0.00/0.00	0.00/0.00	0.01/0.01	0.06/0.06	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00
07/20/2015	0.16/0.66	0.66/1.44	0.13/0.81	0.56/1.16	0.34/1.05	0.38/0.82	0.59/1.15	0.66/1.32	0.63/1.20	0.84/1.42	0.85/1.63	0.61/1.18	0.70/1.69	0.72/1.58	0.22/0.97	0.19/0.80	0.12/0.82	0.19/0.62

Table 6-10 (continued)

Precipitation Date	RG-NCOM	RG-TA-06	RG-TA-49	RG-TA-53	RG-TA-54	RG038	RG055.5	RG121.9	RG200.5	RG203	RG240	RG245.5	RG253	RG257	RG262.4	RG265	RG267.4	RG340
07/26/2015	0.04/0.14	0.10/0.20	0.04/0.13	0.04/0.10	0.08/0.14	0.02/0.09	0.04/0.14	0.08/0.18	0.04/0.09	0.03/0.11	0.10/0.23	0.10/0.20	0.14/0.28	0.14/0.25	0.05/0.18	0.08/0.14	0.03/0.10	0.02/0.06
07/28/2015	0.00/0.00	0.05/0.09	0.27/0.34	0.07/0.09	0.03/0.05	0.04/0.06	0.02/0.02	0.03/0.06	0.11/0.13	0.10/0.12	0.06/0.12	0.27/0.31	0.05/0.10	0.09/0.15	0.11/0.18	0.04/0.07	0.10/0.14	0.02/0.02
07/29/2015	0.31/0.81	0.27/0.83	0.10/0.51	0.24/0.68	0.27/0.82	0.30/0.67	0.49/0.97	0.37/0.89	0.48/0.97	0.66/1.17	0.25/0.81	0.50/0.94	0.17/0.67	0.32/0.83	0.35/0.84	0.27/0.75	0.19/0.67	0.40/1.00
07/31/2015	0.02/0.06	0.20/0.38	0.19/0.30	0.07/0.16	0.00/0.00	0.55/0.74	0.18/0.27	0.14/0.25	0.72/1.01	0.18/0.29	0.06/0.07	0.09/0.23	0.16/0.19	0.59/0.95	0.56/0.65	0.01/0.02	0.05/0.13	0.01/0.02
08/01/2015	0.20/0.32	0.34/0.49	0.25/0.28	0.02/0.04	0.11/0.12	0.11/0.25	0.18/0.31	0.13/0.24	0.08/0.19	0.09/0.14	0.14/0.30	0.10/0.21	0.18/0.23	1.20/1.56	0.28/0.34	0.02/0.06	0.15/0.33	0.03/0.08
08/02/2015	0.18/0.31	0.20/0.61	0.56/0.76	0.15/0.23	0.13/0.26	0.07/0.16	0.11/0.31	0.12/0.44	0.07/0.21	0.05/0.15	0.20/0.72	0.12/0.25	0.49/1.07	0.25/0.70	0.21/0.40	0.23/0.34	0.12/0.47	0.04/0.09
08/08/2015	0.09/0.12	0.08/0.21	0.03/0.07	0.06/0.15	0.02/0.02	0.18/0.45	0.26/0.39	0.25/0.36	0.09/0.23	0.05/0.13	0.05/0.09	0.11/0.21	0.03/0.08	0.09/0.23	0.11/0.26	0.06/0.10	0.05/0.13	0.01/0.02
08/10/2015	0.02/0.04	0.03/0.08	0.03/0.08	0.02/0.09	0.02/0.05	0.08/0.15	0.08/0.13	0.03/0.08	0.09/0.17	0.06/0.15	0.05/0.12	0.03/0.09	0.03/0.11	0.03/0.09	0.03/0.10	0.03/0.05	0.02/0.09	0.03/0.05
08/11/2015	0.00/0.00	0.01/0.01	0.01/0.03	0.00/0.00	0.26/0.26	0.00/0.00	0.01/0.01	0.02/0.02	0.00/0.00	0.00/0.00	0.00/0.00	0.02/0.02	0.00/0.00	0.01/0.02	0.02/0.04	0.39/0.39	0.00/0.00	0.04/0.05
08/14/2015	0.07/0.08	0.00/0.00	0.00/0.00	0.10/0.10	0.00/0.00	0.01/0.01	0.08/0.09	0.00/0.00	0.01/0.01	0.00/0.00	0.00/0.00	0.02/0.02	0.00/0.00	0.00/0.00	0.00/0.00	0.03/0.03	0.00/0.00	0.00/0.00
08/16/2015	0.01/0.01	0.11/0.11	0.03/0.03	0.02/0.03	0.01/0.01	0.00/0.00	0.00/0.00	0.01/0.01	0.00/0.00	0.00/0.00	0.10/0.10	0.00/0.00	0.18/0.19	0.10/0.10	0.03/0.06	0.00/0.00	0.01/0.01	0.09/0.14
08/17/2015	0.18/0.28	0.38/0.55	0.29/0.52	0.15/0.29	0.40/0.43	0.07/0.19	0.12/0.30	0.59/0.77	0.13/0.28	0.06/0.16	0.52/0.70	0.07/0.42	0.42/0.56	0.41/0.64	0.20/0.48	0.08/0.19	0.20/0.39	0.09/0.23
08/22/2015	0.00/0.00	0.19/0.27	0.03/0.04	0.01/0.01	0.00/0.00	0.01/0.02	0.01/0.02	0.08/0.16	0.05/0.07	0.02/0.06	0.35/0.47	0.03/0.06	0.10/0.16	0.07/0.17	0.09/0.13	0.00/0.00	0.04/0.06	0.00/0.00
08/24/2015	0.11/0.12	0.07/0.07	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.01/0.02	0.03/0.03	0.00/0.00	0.00/0.00	0.04/0.04	0.00/0.00	0.02/0.03	0.06/0.07	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00
08/28/2015	0.00/0.00	0.00/0.00	0.02/0.02	0.03/0.03	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.02/0.02	0.01/0.01	0.04/0.04	0.01/0.01	0.00/0.00	0.01/0.01	0.01/0.01	0.10/0.10	0.00/0.00
08/30/2015	0.03/0.04	0.02/0.02	0.01/0.01	0.00/0.00	0.00/0.00	0.00/0.00	0.05/0.07	0.14/0.15	0.01/0.01	0.00/0.00	0.04/0.07	0.00/0.00	0.10/0.19	0.01/0.01	0.03/0.03	0.00/0.00	0.01/0.01	0.00/0.00
08/31/2015	0.00/0.00	0.06/0.09	0.14/0.18	0.05/0.07	0.05/0.06	0.05/0.06	0.03/0.04	0.04/0.09	0.08/0.09	0.03/0.09	0.10/0.13	0.15/0.16	0.09/0.12	0.23/0.26	0.28/0.30	0.40/0.43	0.31/0.31	0.10/0.18
09/01/2015	0.01/0.01	0.00/0.00	0.16/0.20	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.02/0.02	0.00/0.00	0.00/0.00	0.03/0.04	0.14/0.21	0.14/0.15	0.14/0.20
09/02/2015	0.00/0.00	0.02/0.03	0.05/0.06	0.00/0.00	0.00/0.00	0.00/0.00	0.02/0.02	0.04/0.05	0.01/0.01	0.00/0.00	0.10/0.10	0.02/0.02	0.14/0.14	0.03/0.03	0.04/0.04	0.03/0.04	0.07/0.12	0.03/0.03
09/07/2015	0.00/0.00	0.00/0.00	0.19/0.20	0.00/0.00	0.03/0.05	0.00/0.00	0.00/0.00	0.01/0.01	0.00/0.00	0.00/0.00	0.00/0.00	0.03/0.03	0.01/0.01	0.01/0.01	0.03/0.03	0.08/0.13	0.13/0.13	0.02/0.04
09/09/2015	0.00/0.00	0.01/0.01	0.06/0.08	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.00/0.00	0.02/0.03	0.11/0.13	0.20/0.30	0.04/0.08	0.00/0.00	0.02/0.02	0.00/0.00
09/21/2015	0.04/0.10	0.04/0.12	0.04/0.12	0.02/0.07	0.03/0.07	0.03/0.09	0.04/0.13	0.04/0.14	0.04/0.13	0.04/0.09	0.05/0.16	0.04/0.10	0.04/0.16	0.04/0.14	0.04/0.12	0.03/0.10	0.05/0.13	0.04/0.09
09/22/2015	0.13/0.20	0.08/0.11	0.53/0.55	0.47/0.62	0.10/0.10	0.06/0.12	0.08/0.14	0.08/0.14	0.10/0.20	0.21/0.30	0.18/0.25	0.35/0.44	0.11/0.20	0.18/0.21	0.34/0.41	0.07/0.09	0.52/0.58	0.04/0.06
10/03/2015	0.11/0.23	0.16/0.33	0.06/0.17	0.11/0.20	0.04/0.12	0.12/0.24	0.14/0.30	0.12/0.27	0.14/0.26	0.03/0.16	0.15/0.37	0.07/0.17	0.16/0.34	0.15/0.32	0.10/0.22	0.06/0.18	0.06/0.16	0.08/0.23
10/05/2015	0.14/0.20	0.12/0.18	0.13/0.27	0.10/0.24	0.06/0.16	0.08/0.15	0.09/0.15	0.12/0.17	0.11/0.19	0.07/0.22	0.16/0.28	0.13/0.24	0.21/0.28	0.13/0.20	0.19/0.33	0.08/0.21	0.15/0.32	0.11/0.27
10/06/2015	0.11/0.14	0.12/0.18	0.04/0.05	0.07/0.09	0.01/0.02	0.03/0.05	0.18/0.21	0.20/0.22	0.09/0.14	0.01/0.02	0.07/0.08	0.02/0.11	0.07/0.08	0.08/0.13	0.06/0.08	0.07/0.08	0.06/0.10	0.04/0.04
10/20/2015	0.14/0.38	0.18/0.38	0.12/0.21	0.10/0.19	0.22/0.46	0.03/0.05	0.14/0.36	0.19/0.42	0.11/0.23	0.10/0.19	0.23/0.86	0.05/0.21	0.20/0.61	0.18/0.42	0.11/0.21	0.09/0.23	0.08/0.19	0.09/0.20
10/21/2015	0.14/1.41	0.15/1.27	0.14/1.45	0.15/1.54	0.22/1.52	0.15/1.40	0.15/1.36	0.14/1.34	0.14/1.30	0.14/1.40	0.23/1.46	0.15/1.32	0.19/1.30	0.13/1.32	0.15/1.13	0.15/1.43	0.09/1.23	0.15/1.45
10/23/2015	0.22/0.34	0.07/0.12	0.06/0.13	0.02/0.04	0.04/0.13	0.04/0.11	0.10/0.15	0.33/0.40	0.04/0.09	0.05/0.17	0.24/0.48	0.08/0.28	0.01/0.04	0.02/0.09	0.08/0.21	0.12/0.35	0.06/0.36	0.08/0.19
10/29/2015	0.20/0.77	0.10/0.43	0.07/0.32	0.07/0.21	0.04/0.16	0.07/0.33	0.11/0.48	0.09/0.49	0.07/0.32	0.07/0.24	0.26/1.04	0.07/0.26	0.28/0.96	0.12/0.56	0.08/0.35	0.08/0.23	0.06/0.25	0.08/0.23
10/30/2015	0.02/0.11	0.06/0.13	0.08/0.18	0.09/0.17	0.08/0.11	0.06/0.14	0.05/0.12	0.05/0.13	0.08/0.15	0.09/0.19	0.03/0.09	0.09/0.19	0.02/0.09	0.05/0.14	0.07/0.17	0.18/0.24	0.12/0.19	0.19/0.25
11/4/2015	0.06/0.12	0.03/0.04	0.03/0.04	0.01/0.02	0.02/0.02	0.01/0.02	0.05/0.07	0.05/0.09	0.02/0.03	0.02/0.03	0.04/0.17	0.02/0.03	0.07/0.13	0.03/0.05	0.01/0.02	0.02/0.03	0.02/0.03	0.02/0.03
11/15/2015	0.10/0.40	0.06/0.33	0.09/0.50	0.08/0.41	0.09/0.37	0.06/0.32	0.08/0.37	0.07/0.36	0.06/0.30	0.08/0.42	0.06/0.37	0.08/0.42	0.06/0.35	0.07/0.34	0.08/0.45	0.11/0.48	0.10/0.49	0.12/0.50
11/16/2015	0.03/0.22	0.02/0.14	0.06/0.18	0.10/0.32	0.06/0.28	0.01/0.03	0.01/0.04	0.02/0.04	0.01/0.03	0.04/0.10	0.01/0.05	0.03/0.09	0.01/0.03	0.02/0.06	0.03/0.09	0.04/0.15	0.02/0.08	0.03/0.12
11/26/2015	0.09/0.20	0.18/0.24	0.02/0.04	0.03/0.08	0.00/0.00	0.07/0.15	0.14/0.20	0.11/0.18	0.08/0.14	0.04/0.09	0.10/0.21	0.04/0.07	0.12/0.18	0.11/0.20	0.04/0.09	0.00/0.00	0.01/0.02	0.00/0.00
12/12/2015	0.04/0.36	0.08/0.41	0.07/0.42	0.07/0.38	0.06/0.32	0.00/0.00	0.03/0.20	0.00/0.00	0.00/0.00	0.05/0.28	0.00/0.00	0.05/0.26	0.00/0.00	0.02/0.06	0.03/0.16	0.00/0.00	0.06/0.28	0.00/0.00
12/22/2015	0.02/0.16	0.05/0.31	0.03/0.24	0.03/0.24	0.03/0.16	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
12/26/2015	0.02/0.12	0.01/0.06	0.03/0.10	0.02/0.07	0.01/0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Notes: Cells shaded for greater than or equal to 0.25 in. 30-min max intensity or 0.1 in. total rainfall in 24 h. Blue shading indicates meets/exceeds both. Tan shading indicates 0.25 in. in 30 min. Tan indicates 0.1 in. in 24 h.
*n/a = Not applicable; rain gage is not operational.

Table 6-11
Storm Water Monitoring and Sampler Operability Status during Precipitation Events Exceeding 0.25 in. in 24 h

SMA Number	Associated Rain Gage	Number of 24-h Precipitation Events Exceeding 0.25 in.	Number of Precipitation Events Monitoring Not Required	Number of Precipitation Events Monitoring Required	
				Sampling Equipment Operable	Sampling Equipment Inoperable
2M-SMA-1	RG121.9	24	24	0	0
2M-SMA-1.42	RG-TA-06	31	9	22	0
2M-SMA-1.43	RG-TA-06	31	31	0	0
2M-SMA-1.44	RG-TA-06	31	26	5	0
2M-SMA-1.45	RG-TA-06	31	16	15	0
2M-SMA-1.5	RG-TA-06	31	5	26	0
2M-SMA-1.65	RG-TA-06	31	6	25	0
2M-SMA-1.67	RG-TA-06	31	5	23	3
2M-SMA-1.7	RG-TA-06	31	31	0	0
2M-SMA-1.8	RG-TA-06	31	31	0	0
2M-SMA-1.9	RG121.9	24	24	0	0
2M-SMA-2	RG121.9	24	24	0	0
2M-SMA-2.2	RG121.9	24	24	0	0
2M-SMA-2.5	RG-TA-06	31	31	0	0
2M-SMA-3	RG-TA-06	31	26	5	0
3M-SMA-0.2	RG-TA-06	31	4	27	0
3M-SMA-0.4	RG262.4	26	26	0	0
3M-SMA-0.5	RG262.4	26	25	1	0
3M-SMA-0.6	RG245.5	22	1	11	10
3M-SMA-2.6	RG245.5	22	1	21	0
3M-SMA-4	RG245.5	22	20	2	0
ACID-SMA-1.05	RG055.5	26	26	0	0
ACID-SMA-2	RG055.5	26	26	0	0
ACID-SMA-2.01	RG055.5	26	0	26	0
ACID-SMA-2.1	RG055.5	26	26	0	0
A-SMA-1.1	RG267.4	21	1	17	3
A-SMA-2	RG267.4	21	14	7	0
A-SMA-2.5	RG265	16	0	16	0
A-SMA-2.7	RG265	16	0	12	4
A-SMA-2.8	RG265	16	0	16	0
A-SMA-3	RG265	16	13	3	0
A-SMA-3.5	RG340	13	13	0	0

Table 6-11 (continued)

SMA Number	Associated Rain Gage	Number of 24-h Precipitation Events Exceeding 0.25 in.	Number of Precipitation Events Monitoring Not Required	Number of Precipitation Events Monitoring Required	
				Sampling Equipment Operable	Sampling Equipment Inoperable
A-SMA-4	RG340	13	0	13	0
A-SMA-6	RG340	13	13	0	0
B-SMA-0.5	RG-TA-53	23	23	0	0
B-SMA-1	RG055.5	26	26	0	0
CDB-SMA-0.15	RG200.5	21	7	14	0
CDB-SMA-0.25	RG245.5	22	22	0	0
CDB-SMA-0.55	RG245.5	22	22	0	0
CDB-SMA-1	RG245.5	22	16	6	0
CDB-SMA-1.15	RG245.5	22	1	21	0
CDB-SMA-1.35	RG245.5	22	1	21	0
CDB-SMA-1.54	RG245.5	22	1	21	0
CDB-SMA-1.55	RG245.5	22	0	22	0
CDB-SMA-1.65	RG245.5	22	1	21	0
CDB-SMA-4	RG-TA-54	21	5	16	0
CDV-SMA-1.2	RG253	25	7	15	3
CDV-SMA-1.3	RG253	25	25	0	0
CDV-SMA-1.4	RG253	25	0	25	0
CDV-SMA-1.45	RG253	25	0	25	0
CDV-SMA-1.7	RG253	25	19	6	0
CDV-SMA-2	RG257	23	23	0	0
CDV-SMA-2.3	RG257	23	12	11	0
CDV-SMA-2.41	RG257	23	0	23	0
CDV-SMA-2.42	RG257	23	18	5	0
CDV-SMA-2.5	RG257	23	23	0	0
CDV-SMA-2.51	RG257	23	23	0	0
CDV-SMA-3	RG257	23	0	23	0
CDV-SMA-4	RG257	23	0	23	0
CDV-SMA-6.01	RG257	23	19	4	0
CDV-SMA-6.02	RG257	23	0	22	1
CDV-SMA-7	RG257	23	18	5	0
CDV-SMA-8	RG262.4	26	26	0	0
CDV-SMA-8.5	RG262.4	26	0	26	0
CDV-SMA-9.05	RG262.4	26	0	24	2
CHQ-SMA-0.5	RG340	13	12	1	0
CHQ-SMA-1.01	RG340	13	0	13	0

Table 6-11 (continued)

SMA Number	Associated Rain Gage	Number of 24-h Precipitation Events Exceeding 0.25 in.	Number of Precipitation Events Monitoring Not Required	Number of Precipitation Events Monitoring Required	
				Sampling Equipment Operable	Sampling Equipment Inoperable
CHQ-SMA-1.02	RG340	13	10	3	0
CHQ-SMA-1.03	RG340	13	0	13	0
CHQ-SMA-2	RG340	13	12	1	0
CHQ-SMA-3.05	RG340	13	10	3	0
CHQ-SMA-4	RG340	13	0	13	0
CHQ-SMA-4.1	RG340	13	13	0	0
CHQ-SMA-4.5	RG340	13	13	0	0
CHQ-SMA-5.05	RG340	13	0	11	2
CHQ-SMA-6	RG340	13	10	3	0
CHQ-SMA-7.1	RG340	13	0	13	0
DP-SMA-0.3	RG038	16	16	0	0
DP-SMA-0.4	RG038	16	16	0	0
DP-SMA-0.6	RG038	16	0	16	0
DP-SMA-1	RG038	16	0	16	0
DP-SMA-2	RG038	16	0	16	0
DP-SMA-2.35	RG038	16	16	0	0
DP-SMA-3	RG038	16	0	16	0
DP-SMA-4	RG-TA-53	23	4	19	0
F-SMA-2	RG267.4	21	16	5	0
LA-SMA-0.85	RG121.9	24	24	0	0
LA-SMA-0.9	RG121.9	24	1	23	0
LA-SMA-1	RG121.9	24	24	0	0
LA-SMA-1.1	RG121.9	24	24	0	0
LA-SMA-1.25	RG121.9	24	24	0	0
LA-SMA-10.11	RG-TA-53	23	4	19	0
LA-SMA-10.12	RG-TA-53	23	10	13	0
LA-SMA-2.1	RG055.5	26	0	26	0
LA-SMA-2.3	RG055.5	26	26	0	0
LA-SMA-3.1	RG055.5	26	0	26	0
LA-SMA-3.9	RG055.5	26	0	26	0
LA-SMA-4.1	RG055.5	26	26	0	0
LA-SMA-4.2	RG055.5	26	0	26	0
LA-SMA-5.01	RG055.5	26	0	26	0
LA-SMA-5.02	RG055.5	26	26	0	0
LA-SMA-5.2	RG055.5	26	0	24	2

Table 6-11 (continued)

SMA Number	Associated Rain Gage	Number of 24-h Precipitation Events Exceeding 0.25 in.	Number of Precipitation Events Monitoring Not Required	Number of Precipitation Events Monitoring Required	
				Sampling Equipment Operable	Sampling Equipment Inoperable
LA-SMA-5.31	RG038	16	0	16	0
LA-SMA-5.33	RG038	16	16	0	0
LA-SMA-5.35	RG055.5	26	26	0	0
LA-SMA-5.361	RG038	16	4	12	0
LA-SMA-5.362	RG038	16	0	16	0
LA-SMA-5.51	RG038	16	0	16	0
LA-SMA-5.52	RG038	16	15	1	0
LA-SMA-5.53	RG038	16	0	16	0
LA-SMA-5.54	RG038	16	0	15	1
LA-SMA-5.91	RG038	16	16	0	0
LA-SMA-5.92	RG038	16	15	1	0
LA-SMA-6.25	RG038	16	0	16	0
LA-SMA-6.27	RG038	16	0	16	0
LA-SMA-6.3	RG038	16	0	16	0
LA-SMA-6.31	RG038	16	0	16	0
LA-SMA-6.32	RG038	16	0	16	0
LA-SMA-6.34	RG038	16	0	15	1
LA-SMA-6.36	RG038	16	0	16	0
LA-SMA-6.38	RG038	16	0	15	1
LA-SMA-6.395	RG038	16	16	0	0
LA-SMA-6.5	RG038	16	0	16	0
LA-SMA-9	RG-TA-53	23	23	0	0
M-SMA-1	RG121.9	24	24	0	0
M-SMA-1.2	RG121.9	24	0	24	0
M-SMA-1.21	RG121.9	24	0	24	0
M-SMA-1.22	RG121.9	24	24	0	0
M-SMA-10	RG200.5	21	21	0	0
M-SMA-10.01	RG200.5	21	0	21	0
M-SMA-10.3	RG200.5	21	21	0	0
M-SMA-11.1	RG200.5	21	0	21	0
M-SMA-12	RG200.5	21	10	11	0
M-SMA-12.5	RG203	21	2	19	0
M-SMA-12.6	RG203	21	21	0	0
M-SMA-12.7	RG203	21	2	19	0
M-SMA-12.8	RG203	21	2	19	0

Table 6-11 (continued)

SMA Number	Associated Rain Gage	Number of 24-h Precipitation Events Exceeding 0.25 in.	Number of Precipitation Events Monitoring Not Required	Number of Precipitation Events Monitoring Required	
				Sampling Equipment Operable	Sampling Equipment Inoperable
M-SMA-12.9	RG203	21	7	14	0
M-SMA-12.92	RG203	21	2	19	0
M-SMA-13	RG203	21	21	0	0
M-SMA-3	RG-TA-06	31	27	4	0
M-SMA-3.1	RG-TA-06	31	6	25	0
M-SMA-3.5	RG200.5	21	1	20	0
M-SMA-4	RG200.5	21	21	0	0
M-SMA-5	RG200.5	21	1	20	0
M-SMA-6	RG200.5	21	21	0	0
M-SMA-7	RG200.5	21	21	0	0
M-SMA-7.9	RG200.5	21	21	0	0
M-SMA-9.1	RG200.5	21	0	21	0
PJ-SMA-1.05	RG240	30	23	7	0
PJ-SMA-10	RG-TA-06	31	30	1	0
PJ-SMA-11	RG-TA-06	31	24	7	0
PJ-SMA-11.1	RG-TA-06	31	24	7	0
PJ-SMA-13	RG245.5	22	1	21	0
PJ-SMA-13.7	RG245.5	22	0	22	0
PJ-SMA-14	RG245.5	22	1	21	0
PJ-SMA-14.2	RG245.5	22	1	21	0
PJ-SMA-14.3	RG245.5	22	9	13	0
PJ-SMA-14.4	RG245.5	22	0	22	0
PJ-SMA-14.6	RG245.5	22	0	22	0
PJ-SMA-14.8	RG245.5	22	22	0	0
PJ-SMA-16	RG-TA-54	21	21	0	0
PJ-SMA-17	RG-TA-54	21	18	3	0
PJ-SMA-18	RG-TA-54	21	5	16	0
PJ-SMA-19	RG-TA-54	21	6	15	0
PJ-SMA-2	RG253	25	1	24	0
PJ-SMA-20	RG-TA-54	21	21	0	0
PJ-SMA-3.05	RG257	23	1	22	0
PJ-SMA-4.05	RG257	23	23	0	0
PJ-SMA-5	RG-TA-06	31	24	7	0
PJ-SMA-5.1	RG-TA-06	31	4	27	0
PJ-SMA-6	RG-TA-06	31	31	0	0

Table 6-11 (continued)

SMA Number	Associated Rain Gage	Number of 24-h Precipitation Events Exceeding 0.25 in.	Number of Precipitation Events Monitoring Not Required	Number of Precipitation Events Monitoring Required	
				Sampling Equipment Operable	Sampling Equipment Inoperable
PJ-SMA-7	RG-TA-06	31	6	23	2
PJ-SMA-8	RG-TA-06	31	6	23	2
PJ-SMA-9	RG-TA-06	31	30	1	0
Pratt-SMA-1.05	RG200.5	21	0	21	0
P-SMA-0.3	RG-TA-53	23	23	0	0
P-SMA-1	RG038	16	0	6	10
P-SMA-2	RG038	16	16	0	0
P-SMA-2.15	RG038	16	0	14	2
P-SMA-2.2	RG038	16	0	16	0
P-SMA-3.05	RG055.5	26	26	0	0
PT-SMA-0.5	RG262.4	26	0	26	0
PT-SMA-1	RG262.4	26	23	3	0
PT-SMA-1.7	RG262.4	26	0	26	0
PT-SMA-2	RG262.4	26	22	4	0
PT-SMA-2.01	RG262.4	26	0	26	0
PT-SMA-3	RG267.4	21	13	8	0
PT-SMA-4.2	RG267.4	21	19	2	0
R-SMA-0.5	RG-NCOM	24	24	0	0
R-SMA-1	RG-NCOM	24	24	0	0
R-SMA-1.95	RG038	16	0	16	0
R-SMA-2.05	RG-NCOM	24	3	21	0
R-SMA-2.3	RG038	16	16	0	0
R-SMA-2.5	RG038	16	0	16	0
S-SMA-0.25	RG121.9	24	24	0	0
S-SMA-1.1	RG121.9	24	24	0	0
S-SMA-2	RG121.9	24	24	0	0
S-SMA-2.01	RG121.9	24	24	0	0
S-SMA-2.8	RG121.9	24	0	24	0
S-SMA-3.51	RG121.9	24	0	24	0
S-SMA-3.52	RG121.9	24	0	24	0
S-SMA-3.53	RG121.9	24	24	0	0
S-SMA-3.6	RG121.9	24	24	0	0
S-SMA-3.7	RG203	21	1	20	0
S-SMA-3.71	RG203	21	1	20	0
S-SMA-3.72	RG203	21	6	15	0

Table 6-11 (continued)

SMA Number	Associated Rain Gage	Number of 24-h Precipitation Events Exceeding 0.25 in.	Number of Precipitation Events Monitoring Not Required	Number of Precipitation Events Monitoring Required	
				Sampling Equipment Operable	Sampling Equipment Inoperable
S-SMA-3.95	RG203	21	21	0	0
S-SMA-4.1	RG-TA-53	23	23	0	0
S-SMA-4.5	RG203	21	2	19	0
S-SMA-5	RG-TA-53	23	5	18	0
S-SMA-5.2	RG-TA-53	23	5	18	0
S-SMA-5.5	RG-TA-53	23	23	0	0
S-SMA-6	RG-TA-53	23	19	4	0
STRM-SMA-1.05	RG240	30	30	0	0
STRM-SMA-1.5	RG240	30	23	7	0
STRM-SMA-4.2	RG240	30	0	30	0
STRM-SMA-5.05	RG240	30	1	29	0
T-SMA-1	RG200.5	21	17	4	0
T-SMA-2.5	RG200.5	21	0	21	0
T-SMA-2.85	RG200.5	21	21	0	0
T-SMA-3	RG200.5	21	21	0	0
T-SMA-4	RG200.5	21	18	3	0
T-SMA-5	RG200.5	21	0	21	0
T-SMA-6.8	RG200.5	21	21	0	0
T-SMA-7	RG200.5	21	0	21	0
T-SMA-7.1	RG200.5	21	0	21	0
W-SMA-1	RG253	25	25	0	0
W-SMA-1.5	RG253	25	19	6	0
W-SMA-10	RG257	23	1	22	0
W-SMA-11.7	RG262.4	26	0	26	0
W-SMA-12.05	RG262.4	26	0	26	0
W-SMA-14.1	RG262.4	26	26	0	0
W-SMA-15.1	RG262.4	26	0	26	0
W-SMA-2.05	RG253	25	0	25	0
W-SMA-3.5	RG257	23	0	23	0
W-SMA-4.1	RG257	23	0	19	4
W-SMA-5	RG257	23	23	0	0
W-SMA-6	RG257	23	0	23	0
W-SMA-7	RG257	23	18	5	0
W-SMA-7.8	RG257	23	0	23	0
W-SMA-7.9	RG257	23	0	23	0

Table 6-11 (continued)

SMA Number	Associated Rain Gage	Number of 24-h Precipitation Events Exceeding 0.25 in.	Number of Precipitation Events Monitoring Not Required	Number of Precipitation Events Monitoring Required	
				Sampling Equipment Operable	Sampling Equipment Inoperable
W-SMA-8	RG257	23	15	8	0
W-SMA-8.7	RG257	23	23	0	0
W-SMA-8.71	RG257	23	18	5	0
W-SMA-9.05	RG257	23	23	0	0
W-SMA-9.5	RG257	23	0	23	0
W-SMA-9.7	RG257	23	23	0	0
W-SMA-9.8	RG257	23	0	23	0
W-SMA-9.9	RG257	23	0	23	0

Table 7-1
Minor Sampler Location Adjustments

Parent Location	Asset ID	New Location Active Date	Reason for Sampler Location Move	Monitoring Suite Following Sampler Move	Sample Collected Since Move?
CDV-SMA-2.42	SS150427	10/1/2015	enhanced controls	Appendix B monitoring suite	No
CDV-SMA-6.01	SS150428	10/16/2015	enhanced controls	Appendix B monitoring suite	No
CHQ-SMA-3.05	SS150620	8/12/2015	enhanced controls	Appendix B monitoring suite	No
P-SMA-1	SS150805	4/24/2015	changed Site conditions	Appendix B monitoring suite	No
PJ-SMA-11	SS152341	8/12/2015	enhanced controls	Appendix B monitoring suite	No
PJ-SMA-1.05	SS152342	9/16/2015	enhanced controls	Appendix B monitoring suite	No
F-SMA-2	SS152402	10/1/2015	enhanced controls	Appendix B monitoring suite	No
2M-SMA-1.44	SS153222	9/14/2015	enhanced controls	Appendix B monitoring suite	No
T-SMA-4	SS153718	10/19/2015	enhanced controls	Appendix B monitoring suite	No
T-SMA-1	SS153719	9/22/2015	Site-specific monitoring	Appendix B monitoring suite	No
W-SMA-1.5	SS153942	9/4/2015	enhanced controls	Appendix B monitoring suite	No
W-SMA-7	SS153943	10/1/2015	enhanced controls	Appendix B monitoring suite	No
PT-SMA-1	SS154818	10/16/2015	enhanced controls	Appendix B monitoring suite	No

Table 7-2
Summary of SDPPP Changes Completed from January 1 to December 31, 2015

Description of Type of Change to SDPPP	Number of Changes to SDPPP Volumes for January 1–December 31, 2015, 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	80	48	63	65	14	270
Add New Control – Additional Control – Augmenting Existing/Baseline Control	39	29	45	35	4	152
Add New Control – Additional Control – Routine/Replacement Control	4	5	0	6	0	15
Retire Control – Damaged and/or Replaced Control	2	0	0	0	0	2
Retire Control – Lifecycle Expired Control	5	2	3	4	1	15
Add New Control – Enhanced Control	1	3	10	10	9	33
Edits or changes to SDPPP reference documents	0	0	0	0	0	0
Edits or changes to procedure documents included in SDPPP	0	0	0	0	0	0
SDPPP updates to Site descriptions	21	47	32	20	12	132
Certificate of Completion Issued for SWMU or AOC	3	23	1	0	0	27
Minor Sampler Adjustments, with Updates to Coordinates in Attachment D	1	2	3	6	1	13
SMA Boundary Modifications	5	7	12	11	6	41
Site Boundary Modifications	0	0	1	0	0	1
Miscellaneous edit or correction to SDPPP text	6	6	6	6	6	30
Total Changes	**167**	**172**	**176**	**163**	**53**	**731**

Note: Changes are from SDPPP draft and will be subject to change.

Table 8-1
Milestones for 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.	
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.	
	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 d 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 d 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.	
	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) year 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 six (6) months of the effective date of the Permit, the Permittees shall collect two or more confirmation samples within eighteen (18) months 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

Table 8-1 (continued)

Compliance Phase	Permit Section(s)	Description	Milestone
Baseline Confirmation Complete (BCComp)	Part I, Section D.4(b)	If analytical results for all pollutants of concern at a particular SMA are at or below the MTALs and the average of all applicable sampling results is at or below the ATALs, or the applicable MQLs, whichever is greater, no further sampling is required for the Site or group of Sites within the associated SMA for the remaining period of the permit.	As applicable
Corrective Action Initiation (CAI)	Part I, Section E	The Permittees shall initiate corrective action as soon as practicable if, following installation of baseline control measures, initial confirmation monitoring shows TALs are not being met at a particular Site. If confirmation monitoring shows TALs are not being met at a particular Site, the Permittees must take corrective action through installation of measures reasonably expected to (i) meet applicable TALs at that Site; (ii) achieve total retention of storm water discharges from the Site; (iii) totally eliminate exposure of pollutants to storm water at the Site; or through (iv) demonstrate the Site has achieved RCRA "corrective action complete without controls/corrective action complete with controls" status or a certificate of completion under the Consent Order.	See Section 4 of the annual report
Enhanced Control Monitoring (CAM3 or CAM5)	Part I, Section E.1(a)	If the selected corrective action entails the design and installation of enhanced control measures, the Permittees shall collect at least two confirmation samples following installation of any enhanced control. If either validated confirmation sample result exceeds applicable TALs, the Permittees shall initiate further measures to achieve completion of corrective action.	As applicable
	Part I, Section E.1(c)	Where applicable, the Permittees shall provide sampling results within 30 d 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 one- (1-) year period following the first successful confirmation sampling event.	As applicable

Table 8-1 (continued)

Compliance Phase	Permit Section(s)	Description	Milestone
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.	
	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 three (3) years 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 one (1) year 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 five (5) years 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 where 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, 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 on of the following conditions: the Site was never used to manage hazardous waste or 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 8-2
Summary of Individual Permit Compliance Status

Permit Phase	Compliance Status Category	Number of SMA/Site Combinations*	Status as of December 31, 2015
Baseline	Baseline Monitoring Extended (MEx)	134	Baseline monitoring is extended until one confirmation sample can be collected.
Baseline	Baseline Confirmation Complete (BCComp or <TAL)	13	All baseline confirmation monitoring results are less than TALs. No further confirmation monitoring is required.
Corrective Action	Enhanced Control Monitoring (CAM or CAM2)	138	Enhanced control monitoring continues until at least 2 samples are collected.
Corrective Action	Corrective Action Complete (CACompA)	2	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). Certification at one SMA/Site is pending.
Corrective Action	Corrective Action Complete (CACompC)	16	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	Corrective Action Complete (CACompD)	54	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).
Corrective Action	Alternative Compliance Requested (AltCompR)	73	A request for alternative compliance for the Site is pending.
Corrective Action	Alternative Compliance Approved (AltCompA)	2	EPA approved the request for alternative compliance for the Site.
Corrective Action	Alt Compliance (S6B)	17	Requests for alternative compliance for the Site will be made before February 26, 2016.
Corrective Action	Deletion of Site (DelSiteR)	12	A request for deletion of the Site from the Permit is pending.
Corrective Action	FM COC Requested (FMCOC)	25	A request for an extension resulting from a force majeure event is submitted. 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 475 SMA/Site combinations as of December 31, 2015.

Table 8-3
Site-Specific Compliance Status

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Compliance Status Initiation	Completion of Enhanced Control Monitoring	Completion of Corrective Action
R001	R-SMA-0.5	12/16/2010	08/03/2012	09/12/2012	CAI[a]	C-00-020	MPS[b]	CACompD[c]	11/29/2012	n/a[d]	11/29/2012
								DelSiteR[e]	10/14/2015	—[f]	—
R002	R-SMA-1	05/16/2011	08/19/2011	10/13/2011	CAI	C-00-041	MPS	FMCOC[g]	10/30/2015	—	—
R003	R-SMA-1.95	12/16/2010	08/19/2011	05/01/2012	CAI	00-015	MPS	CAM[h]	09/25/2014	In Process	—
R004	R-SMA-2.05	12/01/2010	In Process	—	—	00-011(c)	MPS	DelSiteR	10/14/2015	—	—
				—	—	00-011(c)	MPS	MEx[i]	10/31/2011	—	—
R005	R-SMA-2.3	12/01/2010	06/14/2013	—	<TAL[j]	00-011(e)	MPS	BCComp[k]	07/23/2013	—	—
R006	R-SMA-2.5	12/16/2010	In Process	—	—	00-011(a)	MPS	MEx	04/30/2012	—	—
B001	B-SMA-0.5	12/16/2010	09/13/2013	10/30/2013	CAI	10-001(a)	MPS	FMCOC	10/30/2015	—	—
					CAI	10-001(b)	MPS	FMCOC	10/30/2015	—	—
					CAI	10-001(c)	MPS	FMCOC	10/30/2015	—	—
					CAI	10-001(d)	MPS	FMCOC	10/30/2015	—	—
					CAI	10-004(a)	MPS	FMCOC	10/30/2015	—	—
					CAI	10-004(b)	MPS	FMCOC	10/30/2015	—	—
					CAI	10-008	MPS	FMCOC	10/30/2015	—	—
					CAI	10-009	MPS	FMCOC	10/30/2015	—	—
B002	B-SMA-1	12/16/2010	09/13/2013	10/22/2013	CAI	00-011(d)	MPS	CACompD	11/22/2013	n/a	11/22/2013
P001	ACID-SMA-1.05	12/01/2010	08/21/2011	—	<TAL	00-030(g)	MPS	BCComp	11/01/2011	—	—
P002	ACID-SMA-2	12/01/2010	08/19/2011	11/03/2011	CAI	01-002(b)-00	MPS	FMCOC	10/30/2015	—	—
					CAI	45-001	MPS	CACompD	03/07/2013	n/a	03/07/2013
					CAI	45-002	MPS	CACompD	03/07/2013	n/a	03/07/2013
					CAI	45-004	MPS	CACompD	03/07/2013	n/a	03/07/2013
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	09/07/2012	CAI	01-002(b)-00	MPS	FMCOC	10/30/2015	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
P004	P-SMA-0.3	12/16/2010	07/25/2013	09/05/2013	CAI	00-018(b)	MPS	CACompD	09/16/2013	n/a	09/16/2013
P005	P-SMA-1	12/01/2010	In Process	—	—	73-001(a)	HPS[l]	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	CAI	73-002	MPS	CACompD	04/16/2015	n/a	04/16/2015
					CAI	73-006	MPS	CACompD	04/16/2015	n/a	04/16/2015
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	In Process	—	—	00-019	HPS	MEx	04/30/2012	—	—
P009	P-SMA-3.05	12/16/2010	09/13/2013	10/22/2013	CAI	00-018(a)	HPS	CACompD	04/16/2015	n/a	04/16/2015
L001	LA-SMA-0.85	12/01/2010	08/14/2011	10/07/2011	CAI	03-055(c)	MPS	CAM	10/23/2012	06/24/2013	—
				06/24/2013	CAI2[m]	03-055(c)	MPS	AltCompR[n]	05/06/2015	—	—
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	CAI	00-017	MPS	CAM	11/27/2012	10/08/2014	—
					CAI	C-00-044	MPS	CAM	11/27/2012	10/08/2014	—
				10/08/2014	CAI2	00-017	MPS	CACompC[o]	09/29/2015	n/a	09/29/2015
					CAI2	C-00-044	MPS	AltCompR	05/06/2015	—	—
L004	LA-SMA-1.1	12/16/2010	08/19/2011	10/11/2011	CAI	43-001(b2)	MPS	CACompD	11/29/2012	n/a	11/29/2012
L005	LA-SMA-1.25	12/01/2010	08/28/2011	10/27/2011	CAI	C-43-001	MPS	CAM	08/30/2012	11/15/2012	—
				11/15/2012	CAI2	C-43-001	MPS	AltCompR	05/06/2015	—	—
L006	LA-SMA-2.1	05/16/2011	09/13/2013	11/03/2013	CAI	01-001(f)	HPS	CAM	09/25/2014	In Process	
L007	LA-SMA-2.3	12/16/2010	08/21/2011	05/01/2012	CAI	01-001(b)	MPS	CACompD	11/29/2012	n/a	11/29/2012
L008	LA-SMA-3.1	12/01/2010	In Process	—	—	01-001(e)	HPS	MEx	10/31/2011	—	—
					—	01-003(a)	HPS	MEx	10/31/2011	—	—
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	CAI	01-003(b)	MPS	AltCompR	05/06/2015	—	—
					CAI	01-006(b)	MPS	AltCompR	05/06/2015	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
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(d)	HPS	MEx	04/30/2012	—	—
					—	01-006(h)	HPS	MEx	04/30/2012	—	—
L012A	LA-SMA-5.02	05/16/2011	08/19/2011	10/25/2011	CAI	01-003(e)	HPS	CACompD	11/29/2012	n/a	11/29/2012
L013	LA-SMA-5.2	05/16/2011	In Process	—	—	01-003(d)	MPS	MEx	04/30/2012	—	—
L014	LA-SMA-5.35	12/01/2010	09/07/2011	10/27/2011	CAI	C-41-004	MPS	CAM	11/27/2012	10/20/2014	—
				10/20/2014	CAI2	C-41-004	MPS	AltCompR	05/06/2015	—	—
L015	LA-SMA-5.31	12/16/2010	08/19/2011	04/30/2012	CAI	41-002(c)	MPS	CAM	07/27/2012	In Process	—
L016	LA-SMA-5.33	12/16/2010	08/21/2011	04/30/2012	CAI	32-004	MPS	CACompD	03/07/2013	n/a	03/07/2013
L017	LA-SMA-5.361	04/28/2011	In Process	—	—	32-002(b1)	MPS	MEx	04/30/2012	—	—
					—	32-002(b2)	MPS	MEx	04/30/2012	—	—
L017A	LA-SMA-5.362	04/28/2011	In Process	—	—	32-003	MPS	MEx	04/30/2012	—	—
L018	LA-SMA-5.51	04/28/2011	07/12/2013	08/21/2013	CAI	02-003(a)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-003(e)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-004(a)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-005	HPS	CAM	06/26/2014	In Process	—
					CAI	02-006(b)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-006(c)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-006(d)	HPS	CAM	06/26/2014	In Process	—
L018	LA-SMA-5.51	04/28/2011	07/12/2013	08/21/2013	CAI	02-006(e)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-008(a)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-009(b)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-011(a)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-011(b)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-011(c)	HPS	CAM	06/26/2014	In Process	—
					CAI	02-011(d)	HPS	CAM	06/26/2014	In Process	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
L018A	LA-SMA-5.52	04/28/2011	07/29/2014	10/20/2014	CAI	02-003(b)	HPS	CAM	10/28/2015	In Process	—
					CAI	02-007	HPS	CAM	10/28/2015	In Process	—
					CAI	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	CAI	02-009(c)	HPS	CAM	09/25/2014	In Process	—
L019	LA-SMA-5.91	12/01/2010	09/07/2011	10/31/2011	CAI	21-009	MPS	CAM	07/08/2013	08/25/2014	—
					CAI	21-021	MPS	CAM	07/08/2013	08/25/2014	—
					CAI	21-023(c)	MPS	CACompD	11/29/2012	n/a	11/29/2012
					CAI	21-027(d)	MPS	CAM	07/08/2013	08/25/2014	—
				08/21/2014	CAI2	21-009	MPS	FMCOC	10/30/2015	—	—
					CAI2	21-021	MPS	AltCompR	05/06/2015	—	—
					CAI2	21-023(c)	MPS	CACompD	11/29/2012	n/a	11/29/2012
					CAI2	21-027(d)	MPS	FMCOC	10/30/2015	—	—
L019A	LA-SMA-5.92	12/01/2010	07/12/2013	08/27/2013	CAI	21-013(b)	MPS	CACompD	11/22/2013	n/a	11/22/2013
					CAI	21-013(b)	MPS	CAM	10/28/2015	In Process	—
					CAI	21-013(g)	MPS	CACompD	11/22/2013	n/a	11/22/2013
					CAI	21-018(a)	MPS	CACompD	11/22/2013	n/a	11/22/2013
					CAI	21-021	MPS	CAM	10/28/2015	In Process	—
L020	LA-SMA-6.25	12/01/2010	In Process	—	—	21-021	MPS	MEx	10/31/2011	—	—
					—	21-024(d)	MPS	MEx	10/31/2011	—	—
					—	21-027(c)	MPS	MEx	10/31/2011	—	—
L021	LA-SMA-6.27	12/01/2010	In Process	—	—	21-021	MPS	MEx	10/31/2011	—	—
					—	21-027(c)	MPS	MEx	10/31/2011	—	—
L022	LA-SMA-6.3	12/16/2010	In Process	—	—	21-006(b)	MPS	MEx	04/30/2012	—	—
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	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
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	CAI	21-021	MPS	AltCompR	05/06/2015	—	—
					CAI	21-024(j)	MPS	FMCOC	10/30/2015	—	—
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	CAI	26-001	MPS	AltCompR	05/06/2015	—	—
					CAI	26-002(a)	MPS	AltCompR	05/06/2015	—	—
					CAI	26-002(b)	MPS	AltCompR	05/06/2015	—	—
					CAI	26-003	MPS	AltCompR	05/06/2015	—	—
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	CAI	53-008	MPS	CAM	11/30/2012	10/27/2015	—
				10/272015	CAI2	53-008	MPS	CACompA	Pending		
D001	DP-SMA-0.3	04/28/2011	08/19/2011	05/01/2012	CAI	21-029	MPS	CAM	07/08/2013	10/30/2013	—
				10/30/2013	CAI2	21-029	MPS	FMCOC	10/30/2015	—	—
D002	DP-SMA-0.4	12/16/2010	09/13/2013	10/26/2013	CAI	21-021	MPS	AltCompR	05/06/2015	—	—
D003	DP-SMA-0.6	04/28/2011	In Process	—	—	21-021	MPS	MEx	04/30/2012	—	—
					—	21-024(l)	MPS	MEx	04/30/2012	—	—
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	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
D006	DP-SMA-2.35	12/16/2010	09/13/2013	10/30/2013	CAI	21-021	MPS	AltCompR	05/06/2015	—	—
					CAI	21-024(n)	MPS	AltCompR	05/06/2015	—	—
D007	DP-SMA-3	02/11/2011	7/29/2011	05/01/2012	CAI	21-013(c)	MPS	CAM	08/30/2012	In Process	—
					CAI	21-013(c)	MPS	FMCOC	10/30/2015	—	—
					CAI	21-021	MPS	CAM	08/30/2012	In Process	—
D008	DP-SMA-4	12/16/2010	In Process	—	—	21-021	MPS	MEx	04/30/2012	—	—
S001	S-SMA-0.25	12/01/2010	08/15/2011	10/20/2011	CAI	03-013(a)	HPS	CAM	06/26/2014	11/03/2014	—
					CAI	03-052(f)	HPS	CAM	06/26/2014	11/03/2014	—
				11/03/2014	CAI2	03-013(a)	HPS	CACompC	09/29/2015	n/a	09/29/2015
					CAI2	03-052(f)	HPS	FMCOC	09/10/2015	—	—
S002	S-SMA-1.1	05/16/2011	08/04/2011	11/02/2011	CAI	03-029	HPS	CAM	11/27/2012	10/07/2014	—
				10/07/2014	CAI2	03-029	HPS	FMCOC	09/23/2013	—	—
S003	S-SMA-2	12/01/2010	08/13/2011	10/20/2011	CAI	03-012(b)	HPS	CAM	07/08/2013	09/10/2013	—
					CAI	03-045(b)	HPS	CAM	07/08/2013	09/10/2013	—
					CAI	03-045(c)	HPS	CAM	07/08/2013	09/10/2013	—
					CAI	03-056(c)	HPS	CACompD	11/29/2012	n/a	11/29/2012
				09/10/2013	CAI2	03-012(b)	HPS	FMCOC	09/10/2013	—	—
S003	S-SMA-2	12/01/2010	08/13/2011	09/10/2013	CAI2	03-045(b)	HPS	AltCompA[p]	09/10/2013	—	—
					CAI2	03-045(b)	HPS	DelSiteR	10/21/2015	—	—
					CAI2	03-045(c)	HPS	AltCompA	09/10/2013	—	—
					CAI2	03-045(c)	HPS	DelSiteR	10/21/2015	—	—
					CAI2	03-056(c)	HPS	CACompD	11/29/2012	n/a	11/29/2012
S003A	S-SMA-2.01	12/16/2010	09/07/2011	11/02/2011	CAI	03-052(b)	HPS	CAM	11/27/2012	In Process	—
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	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
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	CAI	03-014(b2)	HPS	CAM	05/02/2013	In Process	—
				08/18/2014	CAI2	03-014(b2)	HPS	FMCOC	09/23/2013	08/18/2014	—
S006	S-SMA-3.6	12/01/2010	08/13/2011	10/20/2011	CAI	60-007(b)	HPS	CAM	11/27/2012	08/13/2013	—
				08/13/2013	CAI2	60-007(b)	HPS	FMCOC	09/23/2013	—	—
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	CAI	53-001(b)	MPS	CACompD	10/29/2015	n/a	10/29/2015
S010	S-SMA-3.95	05/16/2011	09/13/2013	10/25/2013	CAI	20-002(a)	MPS	AltCompR	05/06/2015	—	—
S011	S-SMA-4.1	12/16/2010	09/01/2011	11/02/2011	CAI	53-014	HPS	CACompD	08/21/2013	n/a	08/21/2013
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	In Process	—	—	20-003(c)	MPS	MEx	04/30/2012	—	—
S015	S-SMA-5.5	05/16/2011	07/31/2014	09/11/2014	CAI	20-005	MPS	AltCompR	05/06/2015	—	—
S016	S-SMA-6	05/16/2011	08/19/2011	11/02/2011	CAI	72-001	HPS	CAM	10/15/2015	In Process	—
C001	CDB-SMA-0.15	12/01/2010	07/20/2015	08/25/2015	CAI	04-003(a)	MPS	S6B[q]	10/29/2015	—	—
					CAI	04-004	MPS	S6B	10/29/2015	—	—
C002	CDB-SMA-0.25	12/01/2010	09/01/2011	11/02/2011	CAI	46-004(c2)	MPS	CAM	07/20/2012	10/22/2013	—
					CAI	46-004(e2)	MPS	CAM	07/20/2012	10/22/2013	—
			09/01/2011	10/22/2013	CAI2	46-004(c2)	MPS	AltCompR	05/06/2015	—	—
					CAI2	46-004(e2)	MPS	AltCompR	05/06/2015	—	—
C003	CDB-SMA-0.55	01/12/2011	09/13/2013	10/25/2013	CAI	46-004(g)	MPS	AltCompR	05/06/2015	—	—
					CAI	46-004(m)	MPS	CACompD	11/22/2013	n/a	11/22/2013
					CAI	46-004(s)	MPS	AltCompR	05/06/2015	—	—
					CAI	46-006(f)	MPS	AltCompR	05/06/2015	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
C004	CDB-SMA-1	01/12/2011	09/07/2011	04/30/2012	CAI	46-003(c)	MPS	CAM	07/30/2012	11/05/2013	—
					CAI	46-004(d2)	MPS	CAM	07/30/2012	11/05/2013	—
					CAI	46-004(f)	MPS	CAM	07/30/2012	11/05/2013	—
					CAI	46-004(t)	MPS	CAM	07/30/2012	11/05/2013	—
					CAI	46-004(w)	MPS	CAM	07/30/2012	11/05/2013	—
					CAI	46-008(g)	MPS	CAM	07/30/2012	11/05/2013	—
					CAI	46-009(a)	MPS	CAM	07/30/2012	11/05/2013	—
					CAI	C-46-001	MPS	CACompD	11/29/2012	n/a	11/29/2012
				11/05/2013	CAI2	46-003(c)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	46-004(d2)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	46-004(f)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	46-004(t)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	46-004(w)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	46-008(g)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	46-009(a)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	C-46-001	MPS	CACompD	11/29/2012	n/a	11/29/2012
					CAI2	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	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
C007	CDB-SMA-1.54	12/01/2010	In Process	—	—	46-004(h)	MPS	MEx	10/31/2011	—	—
					—	46-004(q)	MPS	MEx	10/31/2011	—	—
					—	46-006(d)	MPS	MEx	10/31/2011	—	—
C008	CDB-SMA-1.55	12/01/2010	In Process	—	—	46-003(e)	MPS	MEx	10/31/2011	—	—
C009	CDB-SMA-1.65	12/01/2010	In Process	—	—	46-003(b)	MPS	MEx	10/31/2011	—	—
C010	CDB-SMA-4	12/16/2010	07/25/2013	08/27/2013	CAI	54-017	HPS	CACompC	08/27/2014	n/a	08/27/2014
					CAI	54-018	HPS	CACompC	08/27/2014	n/a	08/27/2014
					CAI	54-020	HPS	CACompC	08/27/2014	n/a	08/27/2014
M001	M-SMA-1	12/01/2010	9/7/2011	11/02/2011	CAI	03-050(a)	MPS	CAM	11/27/2012	08/13/2013	—
					CAI	03-054(e)	MPS	CAM	11/27/2012	08/13/2013	—
				08/13/2013	CAI2	03-050(a)	MPS	AltCompR	05/06/2015	—	—
					CAI2	03-054(e)	MPS	AltCompR	05/06/2015	—	—
M002	M-SMA-1.2	12/16/2010	09/13/2013	10/30/2013	CAI	03-049(a)	MPS	CAM	09/25/2014	In Process	—
M002A	M-SMA-1.21	12/16/2010	In Process	—	—	03-049(e)	MPS	MEx	04/30/2012	—	—
M002B	M-SMA-1.22	02/11/2011	09/15/2011	05/01/2012	CAI	03-045(h)	MPS	CAM	05/02/2013	10/20/2014	—
				10/20/2014	CAI2	03-045(h)	MPS	AltCompR	05/06/2015	—	—
M003	M-SMA-3	05/16/2011	07/12/2013	08/13/2013	CAI	48-001	MPS	CAM	10/15/2015	In Process	—
					CAI	48-001	MPS	AltCompR	05/06/2015	—	—
					CAI	48-005	MPS	CAM	10/15/2015	In Process	—
					CAI	48-007(c)	MPS	CAM	10/15/2015	In Process	—
					CAI	48-007(c)	MPS	AltCompR	05/06/2015	—	—
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	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
M006	M-SMA-4	12/01/2010	08/19/2011	10/31/2011	CAI	48-001	MPS	AltCompR	05/06/2015	—	—
					CAI	48-005	MPS	CACompC	09/29/2015	n/a	09/29/2015
					CAI	48-007(a)	MPS	CACompD	11/29/2012	n/a	11/29/2012
					CAI	48-007(d)	MPS	CACompD	11/29/2012	n/a	11/29/2012
					CAI	48-010	MPS	CACompD	11/29/2012	n/a	11/29/2012
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	CAI	35-016(h)	MPS	AltCompR	05/06/2015	—	—
M009	M-SMA-7	12/16/2010	07/07/2012	08/22/2012	CAI	35-016(g)	MPS	AltCompR	05/06/2015	—	—
M010	M-SMA-7.9	12/16/2010	09/13/2013	10/25/2013	CAI	50-006(d)	HPS	AltCompR	04/21/2014	—	—
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	CAI	35-008	MPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-014(e)	MPS	CACompD	10/30/2015	n/a	10/30/2015
M012A	M-SMA-10.01	12/16/2010	09/15/2011	11/15/2011	CAI	35-016(e)	MPS	CACompD	10/30/2015	n/a	10/30/2015
M013	M-SMA-10.3	05/16/2011	08/19/2011	10/24/2011	CAI	35-014(e2)	HPS	CACompD	10/30/2013	n/a	10/30/2013
					CAI	35-016(i)	HPS	CACompD	10/30/2013	n/a	10/30/2013
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	CAI	35-016(p)	MPS	CACompD	10/30/2015	n/a	10/30/2015
M016	M-SMA-12.5	12/01/2010	In Process	—	—	05-005(b)	MPS	MEx	10/31/2011	—	—
					—	05-006(c)	MPS	MEx	10/31/2011	—	—
M017	M-SMA-12.6	05/16/2011	09/13/2013	10/22/2013	CAI	05-004	MPS	FMCOC	10/30/2015	—	—
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	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
M019	M-SMA-12.8	12/16/2010	In Process	—	—	05-001(a)	MPS	MEx	04/30/2012	—	—
					—	05-002	MPS	MEx	04/30/2012	—	—
M020	M-SMA-12.9	12/16/2010	07/20/2015	08/25/2015	CAI	05-001(b)	MPS	CACompD	10/29/2015	n/a	10/29/2015
					CAI	05-002	MPS	CACompD	10/29/2015	n/a	10/29/2015
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	—	<TAL	05-001(c)	MPS	BCComp	10/21/2013	—	—
T001	Pratt-SMA-1.05	12/16/2010	09/13/2013	10/30/2013	CAI	35-003(h)	HPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-003(p)	HPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-003(r)	HPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-004(h)	HPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-004(h)	HPS	DelSiteR	10/14/2015	—	—
					CAI	35-009(d)	HPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-016(k)	HPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-016(l)	HPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-016(m)	HPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-016(m)	HPS	DelSiteR	10/14/2015	—	—
T002	T-SMA-1	12/16/2010	08/15/2011	10/21/2011	CAI	50-006(a)	HPS	CAM	05/12/2014	06/09/2015	—
					CAI	50-006(a)	HPS	FMCOC	9/23/2013	—	—
					CAI	50-009	HPS	CACompC	10/31/2013	n/a	10/31/2013
T003	T-SMA-2.5	12/16/2010	In Process	—	—	35-014(g3)	MPS	MEx	04/30/2012	—	—
T004	T-SMA-2.85	12/16/2010	07/12/2013	08/21/2013	CAI	35-014(g)	MPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-016(n)	MPS	CACompD	10/30/2015	n/a	10/30/2015
T005	T-SMA-3	12/16/2010	09/10/2012	10/19/2012	CAI	35-016(b)	MPS	CACompD	10/30/2015	n/a	10/30/2015
T006	T-SMA-4	12/16/2010	09/13/2013	10/25/2013	CAI	35-004(a)	MPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-009(a)	MPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-016(c)	MPS	CACompD	10/30/2015	n/a	10/30/2015
					CAI	35-016(d)	MPS	CACompD	10/30/2015	n/a	10/30/2015

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
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	CAI	35-010(e)	MPS	CACompD	10/30/2015	n/a	10/30/2015
T009	T-SMA-7	12/16/2010	In Process	—	—	04-003(b)	MPS	MEx	04/30/2012	—	—
T010	T-SMA-7.1	12/16/2010	In Process	—	—	04-001	MPS	MEx	04/30/2012	—	—
					—	04-002	MPS	MEx	04/30/2012	—	—
E001	2M-SMA-1	12/01/2010	08/20/2011	10/18/2011	CAI	03-010(a)	MPS	CAM	07/20/2012	10/19/2012	—
				10/19/2012	CAI2	03-010(a)	MPS	AltCompR	05/06/2015	—	—
E002	2M-SMA-1.42	01/12/2011	09/15/2011	11/10/2011	CAI	06-001(a)	MPS	CAM	06/27/2012	In Process	—
					CAI	06-001(a)	MPS	S6B	Pending	—	—
E003	2M-SMA-1.43	12/01/2010	07/12/2013	08/21/2013	CAI	22-014(a)	MPS	AltCompR	05/06/2015	—	—
					CAI	22-015(a)	MPS	AltCompR	05/06/2015	—	—
E004	2M-SMA-1.44	01/12/2011	08/21/2011	04/30/2012	CAI	06-001(b)	MPS	CAM	06/27/2012	10/20/2014	—
				10/20/2014	CAI2	06-001(b)	MPS	CAM2	09/04/2015	In Process	—
E005	2M-SMA-1.45	01/12/2011	09/07/2011	05/01/2012	CAI	06-006	MPS	CAM	08/20/2012	09/08/2015	—
				09/08/2015	CAI2	06-006	MPS	CACompA	09/08/2015	n/a	10/30/2015
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	CAI	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	CAI	03-055(a)	MPS	CAM	07/27/2012	09/29/2014	—
				09/29/2014	CAI2	03-055(a)	MPS	AltCompR	05/06/2015	—	—
E010	2M-SMA-1.8	01/12/2011	09/09/2011	11/03/2011	CAI	03-001(k)	MPS	AltCompR	05/06/2015	—	—
E011	2M-SMA-1.9	01/12/2011	07/11/2012	08/23/2012	CAI	03-003(a)	MPS	AltCompR	05/06/2015	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
E012	2M-SMA-2	01/12/2011	09/04/2011	11/03/2011	CAI	03-050(d)	MPS	CAM	05/02/2013	09/24/2013	—
					CAI	03-054(b)	MPS	CAM	05/02/2013	09/24/2013	—
				09/24/2013	CAI2	03-050(d)	MPS	AltCompR	05/06/2015	—	—
					CAI2	03-054(b)	MPS	AltCompR	05/06/2015	—	—
E013	2M-SMA-2.2	12/01/2010	09/04/2011	11/03/2011	CAI	03-003(k)	MPS	CACompC	09/29/2015	n/a	09/29/2015
E014	2M-SMA-3	01/12/2011	07/12/2013	08/16/2013	CAI	07-001(a)	MPS	CAM	09/04/2015	In Process	—
					CAI	07-001(b)	MPS	CAM	09/04/2015	In Process	—
					CAI	07-001(c)	MPS	CAM	09/04/2015	In Process	—
					CAI	07-001(d)	MPS	CAM	09/04/2015	In Process	—
E015	2M-SMA-2.5	01/12/2011	09/09/2012	—	<TAL	40-001(c)	MPS	BCComp	10/19/2012	—	—
H001	3M-SMA-0.2	12/01/2010	In Process	—	—	15-010(b)	MPS	MEx	10/31/2011	—	—
H002	3M-SMA-0.4	01/12/2011	07/12/2013	08/27/2013	CAI	15-006(b)	MPS	AltCompR	05/06/2015	—	—
H003	3M-SMA-0.5	01/12/2011	07/09/2014	08/18/2014	CAI	15-006(c)	MPS	CAM	10/28/2015	In Process	—
					CAI	15-009(c)	MPS	CAM	10/28/2015	In Process	—
					CAI	15-009(c)	MPS	AltCompR	05/06/2015	—	—
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	CAI	18-002(b)	MPS	CAM	10/28/2015	In Process	—
					CAI	18-003(c)	MPS	CAM	10/28/2015	In Process	—
					CAI	18-010(f)	MPS	CAM	10/28/2015	In Process	—
J001	PJ-SMA-1.05	12/01/2010	09/13/2013	11/03/2013	CAI	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	CAI	09-004(o)	MPS	CAM	07/18/2012	In Process	—
J004	PJ-SMA-4.05	12/01/2010	09/13/2013	10/30/2013	CAI	09-004(g)	MPS	AltCompR	05/06/2015	—	—
					CAI	09-005(g)	MPS	AltCompR	05/06/2015	—	—
J005	PJ-SMA-5	12/01/2010	10/12/2012	11/15/2012	CAI	22-015(c)	MPS	CAM	08/10/2015	In Process	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
J006	PJ-SMA-5.1	01/12/2011	09/07/2011	10/31/2011	CAI	22-010(b)	MPS	CAM	07/18/2012	In Process	—
					CAI	22-016	MPS	CAM	07/18/2012	In Process	—
J007	PJ-SMA-6	12/01/2010	07/08/2014	08/18/2014	CAI	40-010	MPS	AltCompR	05/06/2015	—	—
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	CAI	40-009	MPS	CAM	10/28/2015	In Process	—
J012	PJ-SMA-10	01/12/2011	07/07/2014	08/11/2014	CAI	40-006(a)	MPS	CAM	10/28/2015	In Process	—
J013	PJ-SMA-11	01/12/2011	09/13/2013	10/30/2013	CAI	40-003(a)	MPS	CAM	08/10/2015	In Process	—
J014	PJ-SMA-11.1	01/12/2011	09/13/2013	10/30/2013	CAI	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	CAI	18-010(b)	MPS	CAM	07/08/2013	In Process	—
J017	PJ-SMA-14	04/28/2011	In Process	—	—	54-004	MPS	MEx	04/30/2012	—	—
J018	PJ-SMA-14.2	12/01/2010	In Process	—	—	18-012(b)	MPS	MEx	10/31/2011	—	—
J019	PJ-SMA-14.3	12/01/2010	In Process	—	—	18-003(e)	MPS	MEx	10/31/2011	—	—
J020	PJ-SMA-14.4	04/28/2011	In Process	—	—	18-010(d)	MPS	MEx	04/30/2012	—	—
J021	PJ-SMA-14.6	12/01/2010	In Process	—	—	18-010(e)	MPS	MEx	10/31/2011	—	—
J022	PJ-SMA-14.8	01/12/2011	08/18/2011	—	<TAL	18-012(a)	MPS	BCComp	05/01/2012	—	—
J023	PJ-SMA-16	12/01/2010	08/08/2013	—	<TAL	27-002	MPS	BCComp	09/11/2013	—	—
J024	PJ-SMA-17	12/01/2010	07/25/2013	09/05/2013	CAI	54-018	HPS	CACompC	08/27/2014	n/a	08/27/2014
J026	PJ-SMA-18	12/01/2010	07/25/2013	09/03/2013	CAI	54-014(d)	MPS	CACompC	08/28/2014	n/a	08/28/2014
					CAI	54-017	HPS	CACompC	08/28/2014	n/a	08/28/2014
J025	PJ-SMA-19	12/01/2010	08/08/2013	09/12/2013	CAI	54-013(b)	HPS	CACompC	08/28/2014	n/a	08/28/2014
					CAI	54-017	HPS	CACompC	08/28/2014	n/a	08/28/2014
					CAI	54-020	HPS	CACompC	08/28/2014	n/a	08/28/2014
J027	PJ-SMA-20	12/16/2010	08/22/2011	05/01/2012	CAI	54-017	HPS	CACompC	10/25/2013	n/a	10/25/2013
J028	STRM-SMA-1.05	12/01/2010	08/26/2011	10/17/2011	CAI	08-009(f)	MPS	CAM	05/02/2013	09/10/2013	—
				09/10/2013	CAI2	08-009(f)	MPS	AltCompR	05/06/2015	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
J029	STRM-SMA-1.5	12/01/2010	07/11/2012	08/27/2012	CAI	08-009(d)	MPS	CAM	07/08/2013	10/21/2013	—
				10/21/2013	CAI2	08-009(d)	MPS	CAM2	09/04/2015	In Process	—
J030	STRM-SMA-4.2	12/01/2010	09/09/2011	11/10/2011	CAI	09-008(b)	MPS	CAM	08/21/2012	In Process	—
J031	STRM-SMA-5.05	12/01/2010	08/21/2011	10/31/2011	CAI	09-013	MPS	CAM	06/27/2012	In Process	—
					CAI	09-013	MPS	S6B	Pending	—	—
V001	CDV-SMA-1.2	01/12/2011	08/02/2015	—	<TAL	16-017(b)-99	MPS	BCComp	09/14/2015	—	—
					<TAL	16-029(k)	MPS	BCComp	09/14/2015	—	—
V002	CDV-SMA-1.3	01/12/2011	09/13/2013	10/25/2013	CAI	16-017(a)-99	MPS	FMCOC	10/30/2015	—	—
					CAI	16-026(m)	MPS	FMCOC	10/30/2015	—	—
V003	CDV-SMA-1.4	01/12/2011	09/10/2012	10/18/2012	CAI	16-020	MPS	CAM	05/12/2014	In Process	—
					CAI	16-026(l)	MPS	CAM	05/12/2014	In Process	—
					CAI	16-028(c)	MPS	CAM	05/12/2014	In Process	—
					CAI	16-030(c)	MPS	CACompD	11/29/2012	n/a	11/29/2012
					CAI	16-030(c)	MPS	DelSiteR	10/14/2015	—	—
V004	CDV-SMA-1.45	01/12/2011	08/21/2011	04/30/2012	CAI	16-026(i)	MPS	CAM	07/18/2012	In Process	—
V005	CDV-SMA-1.7	01/12/2011	09/13/2013	10/25/2013	CAI	16-019	MPS	CAM	09/04/2015	In Process	—
V006	CDV-SMA-2	05/16/2011	07/12/2013	08/20/2013	CAI	16-021(c)	MPS	AltCompR	05/06/2015	—	—
V007	CDV-SMA-2.3	01/12/2011	07/20/2015	08/26/2015	CAI	13-001	MPS	S6B	11/02/2015	—	—
					CAI	13-002	MPS	S6B	11/02/2015	—	—
					CAI	16-003(n)	MPS	S6B	11/02/2015	—	—
					CAI	16-003(o)	MPS	S6B	11/02/2015	—	—
					CAI	16-029(h)	MPS	S6B	11/02/2015	—	—
					CAI	16-031(h)	MPS	S6B	11/02/2015	—	—
V008	CDV-SMA-2.41	01/12/2011	08/21/2011	05/01/2012	CAI	16-018	MPS	CAM	06/26/2014	In Process	—
								DelSiteR	10/21/2015	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
V008A	CDV-SMA-2.42	01/12/2011	07/12/2013	08/26/2013	CAI	16-010(b)	MPS	CAM	09/28/2015	In Process	—
								DelSiteR	10/21/2015	—	—
V009	CDV-SMA-2.5	01/12/2011	07/26/2013	—	<TAL	16-010(c)	MPS	BCComp	08/29/2013	—	—
					<TAL	16-010(c)	MPS	DelSiteR	10/21/2015	—	—
					<TAL	16-010(d)	MPS	BCComp	08/29/2013	—	—
					<TAL	16-010(d)	MPS	DelSiteR	10/21/2015	—	—
					<TAL	16-028(a)	MPS	BCComp	08/29/2013	—	—
V009A	CDV-SMA-2.51	01/12/2011	09/13/2013	10/25/2013	CAI	16-010(i)	MPS	AltCompR	05/06/2015	—	—
V010	CDV-SMA-3	02/11/2011	08/21/2011	04/30/2012	CAI	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	CAI	14-001(g)	MPS	CAM	10/15/2015	In Process	—
					CAI	14-006	MPS	CAM	10/15/2015	In Process	—
V012A	CDV-SMA-6.02	02/11/2011	09/01/2011	10/31/2011	CAI	14-002(c)	MPS	CAM	07/18/2012	In Process	—
					CAI	14-002(d)	MPS	CAM	07/18/2012	In Process	—
					CAI	14-002(e)	MPS	CAM	07/18/2012	In Process	—
V013	CDV-SMA-7	01/12/2011	09/13/2013	10/30/2013	CAI	15-008(d)	MPS	CAM	09/04/2015	In Process	—
V014	CDV-SMA-8	01/12/2011	07/31/2014	10/07/2014	CAI	15-011(c)	MPS	AltCompR	05/06/2015	—	—
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	In Process	—	—	15-007(b)	MPS	MEx	04/30/2012	—	—
F001	F-SMA-2	01/12/2011	08/15/2011	05/01/2012	CAI	36-004(c)	MPS	CAM	06/26/2014	09/08/2014	—
				09/08/2014	CAI2	36-004(c)	MPS	CAM2	09/28/2015	In Process	—
I001	PT-SMA-0.5	04/28/2011	09/01/2011	05/01/2012	CAI	15-009(e)	MPS	CAM	11/27/2012	In Process	—
					CAI	C-15-004	MPS	CAM	11/27/2012	In Process	—
I002	PT-SMA-1	04/28/2011	09/01/2011	04/30/2012	CAI	15-004(f)	MPS	CAM	08/03/2012	10/07/2014	—
					CAI	15-008(a)	MPS	CAM	08/03/2012	10/07/2014	—
				10/07/2014	CAI2	15-004(f)	MPS	CAM2	10/15/2015	In Process	—
					CAI2	15-008(a)	MPS	CAM2	10/15/2015	In Process	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
I003	PT-SMA-1.7	04/28/2011	09/10/2012	10/18/2012	CAI	15-006(a)	MPS	CAM	06/26/2014	In Process	—
I004	PT-SMA-2	04/28/2011	07/07/2014	08/11/2014	CAI	15-008(f)	MPS	CAM	09/28/2015	In Process	—
					CAI	36-003(b)	MPS	CAM	09/28/2015	In Process	—
					CAI	36-004(e)	MPS	CAM	09/28/2015	In Process	—
I004A	PT-SMA-2.01	04/28/2011	08/18/2011	04/30/2012	CAI	C-36-001	MPS	CAM	08/03/2012	In Process	—
					CAI	C-36-006(e)	MPS	CAM	08/03/2012	In Process	—
I005	PT-SMA-3	12/01/2010	07/15/2014	08/25/2014	CAI	36-004(a)	MPS	CAM	08/10/2015	In Process	—
					CAI	36-006	MPS	CAM	08/10/2015	In Process	—
I007	PT-SMA-4.2	12/01/2010	07/02/2014	08/11/2014	CAI	36-004(d)	MPS	CAM	10/28/2015	In Process	—
W001	W-SMA-1	12/01/2010	09/09/2011	11/08/2011	CAI	16-017(j)-99	MPS	CAM	05/02/2013	08/29/2014	—
					CAI	16-026(c2)	MPS	CAM	05/02/2013	08/29/2014	—
					CAI	16-026(v)	MPS	CAM	05/02/2013	08/29/2014	—
W001	W-SMA-1	12/01/2010	09/09/2011	08/29/2014	CAI2	16-017(j)-99	MPS	CACompC	09/29/2015	n/a	09/29/2015
					CAI2	16-026(c2)	MPS	AltCompR	05/06/2015	—	—
					CAI2	16-026(v)	MPS	AltCompR	05/06/2015	—	—
W002	W-SMA-1.5	01/12/2011	09/01/2011	11/08/2011	CAI	16-026(b2)	MPS	CAM	09/25/2012	08/28/2014	—
					CAI	16-028(d)	MPS	CAM	09/25/2012	08/28/2014	—
				08/28/2014	CAI2	16-026(b2)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	16-028(d)	MPS	CAM2	09/04/2015	In Process	—
W003	W-SMA-2.05	01/12/2011	08/21/2011	05/01/2012	CAI	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	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
W006	W-SMA-5	01/12/2011	07/03/2012	09/18/2012	CAI	16-001(e)	MPS	AltCompR	05/06/2015	—	—
					CAI	16-003(f)	MPS	AltCompR	05/06/2015	—	—
					CAI	16-026(b)	MPS	AltCompR	05/06/2015	—	—
					CAI	16-026(c)	MPS	AltCompR	05/06/2015	—	—
					CAI	16-026(d)	MPS	AltCompR	05/06/2015	—	—
					CAI	16-026(e)	MPS	AltCompR	05/06/2015	—	—
W007	W-SMA-6	01/12/2011	In Process	—	—	11-001(c)	MPS	MEx	04/30/2012	—	—
W008	W-SMA-7	01/12/2011	07/08/2014	08/11/2014	CAI	16-026(h2)	MPS	CAM	09/28/2015	In Process	—
					CAI	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	CAI	16-016(g)	MPS	CAM	08/10/2015	In Process	—
					CAI	16-028(b)	MPS	CAM	08/10/2015	In Process	—
W012	W-SMA-8.7	01/12/2011	09/12/2013	10/25/2013	CAI	13-001	MPS	AltCompR	05/06/2015	—	—
					CAI	13-002	MPS	AltCompR	05/06/2015	—	—
W012	W-SMA-8.7	01/12/2011	09/12/2013	10/25/2013	CAI	16-004(a)	MPS	AltCompR	05/06/2015	—	—
					CAI	16-026(j2)	MPS	AltCompR	05/06/2015	—	—
					CAI	16-029(h)	MPS	AltCompR	05/06/2015	—	—
					CAI	16-035	MPS	AltCompR	05/06/2015	—	—
W012A	W-SMA-8.71	01/12/2011	08/21/2011	05/01/2012	CAI	16-004(c)	MPS	CAM	11/27/2012	10/30/2013	—
				10/30/2013	CAI2	16-004(c)	MPS	CAM2	09/04/2015	In Process	—
W013	W-SMA-9.05	01/12/2011	09/13/2013	—	<TAL	16-030(g)	MPS	BCComp	10/21/2013	—	—
W014	W-SMA-9.5	12/01/2010	In Process	—	—	11-012(c)	MPS	MEx	10/31/2011	—	—
W015	W-SMA-9.7	01/12/2011	09/13/2013	10/30/2013	CAI	11-011(a)	MPS	AltCompR	05/06/2015	—	—
					CAI	11-011(b)	MPS	AltCompR	05/06/2015	—	—
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	CAI	11-006(b)	MPS	CAM	06/27/2012	In Process	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
W018	W-SMA-10	01/12/2011	08/21/2011	05/01/2012	CAI	11-002	MPS	CAM	08/23/2012	In Process	—
					CAI	11-003(b)	MPS	CAM	08/23/2012	In Process	—
					CAI	11-005(a)	MPS	CAM	08/23/2012	In Process	—
					CAI	11-005(b)	MPS	CAM	08/23/2012	In Process	—
					CAI	11-006(c)	MPS	CAM	08/23/2012	In Process	—
					CAI	11-006(d)	MPS	CAM	08/23/2012	In Process	—
					CAI	11-011(d)	MPS	CAM	08/23/2012	In Process	—
					CAI	11-002	MPS	S6B	Pending	—	—
					CAI	11-003(b)	MPS	S6B	Pending	—	—
					CAI	11-005(a)	MPS	S6B	Pending	—	—
					CAI	11-005(b)	MPS	S6B	Pending	—	—
					CAI	11-006(c)	MPS	S6B	Pending	—	—
					CAI	11-006(d)	MPS	S6B	Pending	—	—
					CAI	11-011(d)	MPS	S6B	Pending	—	—
W019	W-SMA-11.7	01/12/2011	09/01/2011	05/01/2012	CAI	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	CAI	15-004(h)	MPS	CAM	09/25/2012	08/25/2014	—
					CAI	15-014(l)	MPS	CAM	09/25/2012	08/25/2014	—
				08/25/2014	CAI2	15-004(h)	MPS	AltCompR	05/06/2015	—	—
					CAI2	15-014(l)	MPS	AltCompR	05/06/2015	—	—
W022	W-SMA-15.1	01/12/2011	09/01/2011	05/01/2012	CAI	49-005(a)	MPS	CAM	10/23/2012	In Process	—
A001	A-SMA-1.1	12/01/2010	In Process	—	—	39-004(a)	MPS	MEx	10/31/2011	—	—
					—	39-004(d)	MPS	MEx	10/31/2011	—	—
A002	A-SMA-2	02/11/2011	09/12/2013	10/22/2013	CAI	39-004(b)	MPS	CAM	08/10/2015	In Process	—
					CAI	39-004(e)	MPS	CAM	08/10/2015	In Process	—
A003	A-SMA-2.5	02/11/2011	In Process	—	—	39-010	MPS	MEx	04/30/2012	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
A004	A-SMA-2.7	02/11/2011	09/04/2011	10/27/2011	CAI	39-002(c)	MPS	CACompD	11/29/2012	n/a	11/29/2012
					CAI	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	CAI	39-002(b)	MPS	CAM	09/04/2015	In Process	—
					CAI	39-004(c)	MPS	CAM	09/04/2015	In Process	—
A007	A-SMA-3.5	02/11/2011	07/25/2013	—	<TAL	39-006(a)	MPS	BCComp	09/06/2013	—	—
A008	A-SMA-4	02/11/2011	In Process	—	—	33-010(d)	MPS	MEx	04/30/2012	—	—
A009	A-SMA-6	02/11/2011	08/04/2013	09/04/2013	CAI	33-004(k)	MPS	AltCompR	05/06/2015	—	—
					CAI	33-007(a)	MPS	AltCompR	05/06/2015	—	—
					CAI	33-010(a)	MPS	AltCompR	05/06/2015	—	—
Q001	CHQ-SMA-0.5	02/11/2011	07/23/2014	09/22/2014	CAI	33-004(g)	MPS	CAM	10/28/2015	In Process	—
					CAI	33-007(c)	MPS	CAM	10/28/2015	In Process	—
					CAI	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	CAI	33-004(h)	MPS	CAM	10/24/2012	11/03/2013	—
					CAI	33-008(c)	MPS	CAM	10/24/2012	11/03/2013	—
					CAI	33-011(d)	MPS	CAM	10/24/2012	11/03/2013	—
					CAI	33-015	MPS	CAM	10/24/2012	11/03/2013	—
				11/03/2013	CAI2	33-004(h)	MPS	CAM2	09/04/2015	In Process	—
Q002A	CHQ-SMA-1.02	02/11/2011	08/21/2011	11/03/2013	CAI2	33-008(c)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	33-011(d)	MPS	CAM2	09/04/2015	In Process	—
					CAI2	33-015	MPS	CAM2	09/04/2015	In Process	—
Q002B	CHQ-SMA-1.03	02/11/2011	07/04/2012	08/27/2012	CAI	33-008(c)	MPS	CAM	05/13/2014	In Process	—
					CAI	33-012(a)	MPS	CAM	05/13/2014	In Process	—
					CAI	33-017	MPS	CAM	05/13/2014	In Process	—
					CAI	C-33-001	MPS	CAM	05/13/2014	In Process	—
					CAI	C-33-003	MPS	CAM	05/13/2014	In Process	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
Q003	CHQ-SMA-2	02/11/2011	07/04/2012	08/27/2012	CAI	33-004(d)	MPS	CAM	10/28/2015	In Process	—
					CAI	33-004(d)	MPS	AltCompR	05/06/2015	—	—
					CAI	33-007(c)	MPS	CAM	10/28/2015	In Process	—
					CAI	C-33-003	MPS	CAM	10/28/2015	In Process	—
					CAI	C-33-003	MPS	AltCompR	050/6/2015	—	—
Q004	CHQ-SMA-3.05	02/11/2011	09/10/2013	10/23/2013	CAI	33-010(f)	MPS	CAM	08/10/2015	In Process	—
Q005	CHQ-SMA-4	02/11/2011	In Process	—	—	33-011(e)	MPS	MEx	04/30/2012	—	—
Q006	CHQ-SMA-4.1	02/11/2011	09/13/2013	10/22/2013	CAI	33-016	MPS	AltCompR	05/06/2015	—	—
Q007	CHQ-SMA-4.5	02/11/2011	07/25/2013	09/05/2013	CAI	33-011(b)	MPS	AltCompR	05/06/2015	—	—
Q008	CHQ-SMA-5.05	12/01/2010	In Process	—	—	33-007(b)	MPS	MEx	10/31/2011	—	—

Table 8-3 (continued)

Permitted Feature	SMA	Certify Baseline Controls	Completion of Baseline Monitoring	Initiation of Corrective Action	Stage Initiating Corrective Action	Site Number	Priority	Compliance Status	Corrective Action Certification	Completion of Enhanced Control Monitoring	Completion of Corrective Action
Q009	CHQ-SMA-6	02/11/2011	07/25/2013	08/29/2013	CAI	33-004(j)	MPS	CAM	08/10/2015	In Process	—
					CAI	33-006(a)	MPS	CAM	08/10/2015	In Process	—
					CAI	33-007(b)	MPS	CAM	08/10/2015	In Process	—
					CAI	33-010(c)	MPS	CAM	08/10/2015	In Process	—
					CAI	33-010(g)	MPS	CAM	08/10/2015	In Process	—
					CAI	33-010(h)	MPS	CAM	08/10/2015	In Process	—
					CAI	33-014	MPS	CAM	08/10/2015	In Process	—
Q010	CHQ-SMA-7.1	02/11/2011	In Process	—	—	33-010(g)	MPS	MEx	04/30/2012	—	—

[a] CAI = Corrective action is initiated after a TAL exceedance is observed during baseline monitoring.

[b] MPS = Moderate Priority Site.

[c] CACompD = Corrective action is complete with certification of a RCRA certificate of completion.

[d] n/a = Not applicable.

[e] DelSiteR = A request has been made to delete the site from the Permit.

[f] — = No activity has occurred in the compliance status category.

[g] FMCOC = Request for a deadline extension resulting from a force majeure event. NMED approval of supplemental investigation report and certificates of completion is required to complete corrective action.

[h] CAM = Corrective action monitoring after certification of enhanced controls.

[i] MEx = Extended baseline monitoring.

[j] <TAL = All baseline confirmation monitoring results are less than TALs. No further monitoring is required.

[k] BCComp = All baseline confirmation monitoring results are less than TALs. No further monitoring is required.

[l] HPS = High Priority Site.

[m] CAI2 = Corrective action is re-initiated after a TAL exceedance is observed during monitoring following installation of enhanced control measures.

[n] AltCompR = A response is pending from EPA for an alternative compliance request.

[o] CACompC = Corrective action is complete with certification of no exposure

[p] AltCompA = Corrective action is complete with certification of all confirmation monitoring results less than TAL.

[q] S6B = An alternative compliance request will be submitted to EPA.

Table 8-4
Summary of Site Corrective Actions Planned

Permitted Feature	SMA	Site	Initiation of Corrective Action	Stage Initiating Corrective Action	Priority	Corrective Action Response	Milestone for Completion of Corrective Action
C001	CDB-SMA-0.15	04-003(a)	08/25/2015	CAI[a]	Moderate	Request Alternative Compliance	02/25/2016
C001	CDB-SMA-0.15	04-004	08/25/2015	CAI	Moderate	Request Alternative Compliance	02/25/2016
V007	CDV-SMA-2.3	13-001	08/26/2015	CAI	Moderate	Request Alternative Compliance	02/26/2016
V007	CDV-SMA-2.3	13-002	08/26/2015	CAI	Moderate	Request Alternative Compliance	02/26/2016
V007	CDV-SMA-2.3	16-003(n)	08/26/2015	CAI	Moderate	Request Alternative Compliance	02/26/2016
V007	CDV-SMA-2.3	16-003(o)	08/26/2015	CAI	Moderate	Request Alternative Compliance	02/26/2016
V007	CDV-SMA-2.3	16-029(h)	08/26/2015	CAI	Moderate	Request Alternative Compliance	02/26/2016
V007	CDV-SMA-2.3	16-031(h)	08/26/2015	CAI	Moderate	Request Alternative Compliance	02/26/2016
L030A	LA-SMA-10.12	53-008	10/27/2015	CAI2[b]	Moderate	Completion of Corrective Action - Results less than TAL	03/01/2016
E002	2M-SMA-1.42	06-001(a)	06/27/2012	CAM[c]	Moderate	Request Alternative Compliance	n/a[d]
J031	STRM-SMA-5.05	09-013	06/27/2012	CAM	Moderate	Request Alternative Compliance	n/a
W018	W-SMA-10	11-002	08/23/2012	CAM	Moderate	Request Alternative Compliance	n/a
W018	W-SMA-10	11-005(a)	08/23/2012	CAM	Moderate	Request Alternative Compliance	n/a
W018	W-SMA-10	11-005(b)	08/23/2012	CAM	Moderate	Request Alternative Compliance	n/a
W018	W-SMA-10	11-006(c)	08/23/2012	CAM	Moderate	Request Alternative Compliance	n/a
W018	W-SMA-10	11-006(d)	08/23/2012	CAM	Moderate	Request Alternative Compliance	n/a
W018	W-SMA-10	11-011(d)	08/23/2012	CAM	Moderate	Request Alternative Compliance	n/a
W018	W-SMA-10	11-003(b)	08/23/2012	CAM	Moderate	Request Alternative Compliance	n/a

[a] CAI = Corrective action is initiated after a TAL exceedance is observed during baseline monitoring.

[b] CAI2 = Corrective action is re-initiated after a TAL exceedance is observed during monitoring following installation of enhanced control measures.

[c] CAM = Corrective action monitoring after certification of enhanced controls.

[d] n/a = not applicable.

Appendix A

Acronyms and Abbreviations,
Glossary, and Metric Conversion Table

A-1.0 ACRONYMS AND ABBREVIATIONS

AEA	Atomic Energy Act
AO	Administrative Order
AOC	area of concern
ATAL	average target action level
BCM	baseline control measure
BHC	benzene hexachloride
BMP	best management practice
CEI	Compliance Evaluation Inspection
CFR	Code of Federal Regulations
COC	chain of custody
Consent Order	Compliance Order on Consent
CSR	compliance status report
DDT	dichlorodiphenyltrichloroethane
DOE	Department of Energy (U.S.)
EC	erosion control
EIM	Environmental Information Management
EPA	Environmental Protection Agency (U.S.)
F	filtered
HE	high explosives
HPS	High Priority Site
Individual Permit	National Pollutant Discharge Elimination System Permit No. NM0030759
IP	National Pollutant Discharge Elimination System Permit No. NM0030759
LANL	Los Alamos National Laboratory
LANS	Los Alamos National Security, LLC
MPS	Moderate Priority Site
MQL	maximum quantitation limit
MTAL	maximum target action level
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	NPDES Permit No. NM0030759
PPT	Pollution Prevention Team
RCRA	Resource Conservation and Recovery Act
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
ROFF	runoff (control)
RON	run-on (control)
SC	sediment control
SDG	sample delivery group
SDPPP	Site Discharge Pollution Prevention Plan
SMA	site monitoring area
SWMU	solid waste management unit
TAL	target action level
TCDD	tetrachlorodibenzo-p-dioxin(2,3,7,8-)
TNT	2,4,6-trinitrotoluene
TRM	turf-reinforcing matting
UF	unfiltered
USC	United States Code
WAD	weak acid dissociable

A-2.0 GLOSSARY

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

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.

Corrective Action Initiated—A sample was collected during baseline confirmation 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.

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 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 Permit No. NM0030759 (hereafter, the Individual Permit or the Permit) issued to Los Alamos National Laboratory (LANL or the Laboratory) 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 the Laboratory in 2015.

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 NM database, available at http://intellusnm.com/.

Sampler Operations

Monitoring was initiated at 170 site monitoring areas (SMAs) by the activation of samplers beginning on March 11, 2015. Samplers were activated throughout the year as enhanced control measures were certified. Samplers were deactivated during the year as sampling requirements were fulfilled. Beginning in November, 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.

Section 7 of this annual report describes samplers that were relocated at SMAs during calendar year 2015.

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 (New Mexico Administrative Code [NMAC] 20.6.4, 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 by-product material as defined by the Atomic Energy Act (AEA) of 1954 (NMAC 20.6.4.7.B).

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 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 by product 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 Standard for purposes of implementation of LANL's individual storm water discharge permit.

In the June 25, 2015, Comments on the Draft Los Alamos National Laboratory (LANL) 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 by-product 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 by-product materials; do not account for other source, special nuclear, and by-product 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 confirmation monitoring samples collected in 2015 or during previous years.

The analytical laboratory measures and reports the gross-alpha radioactivity. The Permittees, Los Alamos National Security, LLC, and the U.S. Department of Energy, collectively, have elected not to adjust the reported gross-alpha result for the 2015 baseline confirmation monitoring results.

The results reported for total PCBs are calculated from the sum of detected PCB congeners measured using EPA Method 1668A. Supporting documentation for the calculation of the total PCBs result is provided in Attachment 2 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:

- Footnote 2 for preservation listed in Table II, Required Containers, Preservation Techniques, and Holding Times, specifies that grab samples will 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.
- Footnote 2 for preservation listed in Table II, Required Containers, Preservation Techniques, and Holding Times, specifies that grab samples will 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 h 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 LANL 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.
- Footnote 7 for filtration listed in Table II, Required Containers, Preservation Techniques, and Holding Times, specifies that grab samples for dissolved metals analysis will 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. Field trials conducted by LANL with different methods of automated in-line cartridge filtration have 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 limit (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 zero (0) may be reported. If one or more data are 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 zero (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 zero (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; hexahydro-1,3,5-trinitro-1,3,5-triazine (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 "<".

Table B-4 presents pollutants that were not analyzed because of deviations from the sampling and analysis plan. Tables B-5 and B-6 list holding times for cyanide and mercury and for organic compounds, respectively. Tables B-7 through B-9 present compliance monitoring results.

References

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
LANL Data Qualifier Definitions

Code	Description
*	(Inorganic)−Duplicate Analysis (relative percent difference) not within control limits.
B	(Inorganic)−Reported value was obtained from a reading that was less than the contract-required detection limit but greater than or equal to the instrument detection limit. (Organic)−Analyte present in the blank and the sample.
D	The result for this analyte was reported from a dilution.
E	(Inorganic)−The serial dilution range was exceeded. (Organic)−Analyte exceeded the calibration concentration range.
H	The required extraction or analysis holding time for this result was exceeded.
J	(Inorganic)−The associated numerical value is an estimated quantity. (Organic)−The associated numerical value is an estimated quantity.
N	(Inorganic)−Spiked sample recovery not within control limits.
P	(Organic) Percent difference between the results on the two columns during the analysis differed by more than 40%.
U	The material was analyzed for but was not detected above the level of the associated numeric value.
UJ	Material was analyzed for but not detected. (Inorganic)−Value is an estimate. (Organic)−Quantitation limit is an estimate.
UN	(Inorganic)−Compound was analyzed for but not detected, and spiked sample recovery not within control limits.
X	Laboratory suspects result is a nondetect despite positive quantification results.

Table B-2
LANL Validation Qualifier Definitions

Code	Description
J	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
J-	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
R	The reported sample result is classified as rejected due to serious noncompliances regarding quality-control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
U	The analyte is classified as not detected.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.
I	(PCBs)−The calculated sums are considered incomplete due to lack of one or more congener results.

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)	—[c]	80029	—	15	—
Ra-226 and Ra-228 (pCi/L)	—	11503	—	30	—
Metals					
Aluminum, dissolved	7429-90-5	1106	2.5	—	750
Antimony, dissolved	7440-36-0	1095	60	640	—
Arsenic, dissolved	7440-38-2	1000	0.5	9	340
Boron, dissolved	7440-42-8	1020	100	5000	
Cadmium, dissolved	7440-43-9	1025	1	—	0.6
Chromium, dissolved	7440-47-3	1030	10	—	210
Cobalt, dissolved	7440-48-4	1035	50	1000	—
Copper, dissolved	7440-50-8	1040	0.5	—	4.3
Lead, dissolved	7439-92-1	1049	0.5	—	17
Mercury	7439-97-6	71900	0.005	0.77	1.4
Nickel, dissolved	7440-02-0	1067	0.5	—	170
Selenium	7782-49-2	1147	5	5	20
Silver, dissolved	7440-22-4	1075	0.5	—	0.4
Thallium, dissolved	7440-28-0	1057	0.5	6.3	—
Vanadium, dissolved	7440-62-2	1085	50	100	—
Zinc, dissolved	7440-66-6	1090	20	—	42
Cyanide					
Cyanide, weak acid dissociable	—	718	10	5.2	22
Dioxin					
2,3,7,8-TCDD [Tetrachlorodibenzo-p-dioxin(2,3,7,8-)]	1746-01-6	34675	0.00001	5.1E-08	—
Semivolatile Compounds					
Benzo(a)pyrene	50-32-8	34247	5	0.18	—
Hexachlorobenzene	118-74-1	39700	5	0.0029	
Pentachlorophenol	87-86-5	39032	5	—	19
Pesticides					
4,4'-DDT (dichlorodiphenyltrichloroethane) 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	—	0.22
Beta-Endosulfan	33213-65-9	34356	0.02	—	0.22
Chlordane	57-74-9	39350	0.2	0.0081	2.4
Dieldrin	60-57-1	39380	0.02	0.00054	0.24

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)
Endrin	72-20-8	39390	0.02	—	0.086
Gamma- benzene hexachloride (BHC)	58-89-9	39340	0.05	—	0.95
Heptachlor	76-44-8	39410	0.01	—	0.52
Heptachlor Epoxide	1024-57-3	39420	0.01	—	0.52
Mercury	7439-97-6	71900	0.005	0.77	1.4
Toxaphene	8001-35-2	39400	0.3	—	0.73
PCBs					
PCBs	1336-36-3	39516	—	0.00064	—
High Explosives					
TNT	118-96-7	81307	—	20	—
RDX	121-82-4	81364	—	200	—

[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 by-product material as defined by the Atomic Energy Act of 1954 (NMAC 20.6.4.7.B). LANL 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] — = Not applicable.

Table B-4
Missing Analyses for Pollutants of Concern

SMA	Chain of Custody	Field Sample ID	Sample Collection Date	Analyte	Comment
STRM-SMA-5.05	2015-2109	WT_IPC-15-101953	8/2/2015	Aluminum, dissolved	Filtered analyses required. Unfiltered analyses performed.

Table B-5
Cyanide and Mercury Holding Times

SMA	Suite	Analyte	Chain of Custody	Sample	Sample Date	Preparation Date	Analysis Holding Time (Days)	Required Analysis Holding Time (Days)	Exceeds (Y/N)
2M-SMA-1.45	General Inorganic	Cyanide, weak acid dissociable	2015-1690	WT_IPC-15-101940	7/7/2015	7/21/2015	14	14	N
2M-SMA-1.45	Metals	Mercury	2015-1690	WT_IPC-15-101940	7/7/2015	7/17/2015	10	28	N
2M-SMA-1.45	General Inorganic	Cyanide, weak acid dissociable	2015-2044	WT_IPC-15-102874	8/1/2015	8/12/2015	11	14	N
2M-SMA-1.45	Metals	Mercury	2015-2044	WT_IPC-15-102874	8/1/2015	8/24/2015	23	28	N
CDB-SMA-0.15	General Inorganic	Cyanide, weak acid dissociable	2015-1836	WT_IPC-15-102084	7/20/2015	7/28/2015	8	14	N
CDB-SMA-0.15	Metals	Mercury	2015-1836	WT_IPC-15-102084	7/20/2015	7/30/2015	10	28	N
CDV-SMA-1.2	General Inorganic	Cyanide, weak acid dissociable	2015-2017	WT_IPC-15-101991	8/2/2015	8/12/2015	10	14	N
CDV-SMA-1.2	Metals	Mercury	2015-2017	WT_IPC-15-101991	8/2/2015	8/24/2015	22	28	N
CDV-SMA-2.3	General Inorganic	Cyanide, weak acid dissociable	2015-1873	WT_IPC-15-102065	7/20/2015	7/29/2015	9	14	N
CDV-SMA-2.3	Metals	Mercury	2015-1873	WT_IPC-15-102065	7/20/2015	8/12/2015	23	28	N
LA-SMA-10.12	General Inorganic	Cyanide, weak acid dissociable	2015-1873	WT_IPC-15-101964	7/20/2015	7/29/2015	9	14	N
M-SMA-12	General Inorganic	Cyanide, weak acid dissociable	2015-1634	WT_IPC-15-102019	7/7/2015	7/15/2015	8	14	N
M-SMA-12	Metals	Mercury	2015-1634	WT_IPC-15-102019	7/7/2015	7/16/2015	9	28	N
M-SMA-12.9	General Inorganic	Cyanide, weak acid dissociable	2015-1860	WT_IPC-15-101985	7/20/2015	7/28/2015	8	14	N
M-SMA-12.9	Metals	Mercury	2015-1860	WT_IPC-15-101985	7/20/2015	8/11/2015	22	28	N
PJ-SMA-14.3	General Inorganic	Cyanide, weak acid dissociable	2015-1890	WT_IPC-15-102088	7/20/2015	7/30/2015	10	14	N
PJ-SMA-14.3	Metals	Mercury	2015-1890	WT_IPC-15-102088	7/20/2015	8/14/2015	25	28	N
PJ-SMA-14.3	General Inorganic	Cyanide, weak acid dissociable	2015-1890	WT_IPC-15-102088	7/20/2015	7/30/2015	10	14	N
PJ-SMA-14.3	Metals	Mercury	2015-1890	WT_IPC-15-102088	7/20/2015	8/14/2015	25	28	N
PJ-SMA-17	General Inorganic	Cyanide, weak acid dissociable	2015-1286	WT_IPC-15-95421	5/21/2015	6/1/2015	11	14	N
PJ-SMA-17	Metals	Mercury	2015-1286	WT_IPC-15-95421	5/21/2015	6/11/2015	21	28	N
S-SMA-3.72	General Inorganic	Cyanide, weak acid dissociable	2015-1890	WT_IPC-15-102034	7/20/2015	7/30/2015	10	14	N
S-SMA-3.72	Metals	Mercury	2015-1890	WT_IPC-15-102034	7/20/2015	8/14/2015	25	28	N
S-SMA-6	General Inorganic	Cyanide, weak acid dissociable	2016-138	WT_IPC-15-106553	10/21/2015	10/30/2015	9	14	N
STRM-SMA-5.05	General Inorganic	Cyanide, weak acid dissociable	2015-2109	WT_IPC-15-101952	8/2/2015	8/12/2015	10	14	N
W-SMA-10	General Inorganic	Cyanide, weak acid dissociable	2015-2085	WT_IPC-15-101966	8/1/2015	8/12/2015	11	14	N

Table B-6
Organic Compound Holding Times

SMA	Suite	Analyte	Chain of Custody	Sample	Sample Date	Prep Date	Extraction Holding Time (Days)	Required Extraction Holding Time (Days)	Exceeds (Y/N)
M-SMA-12.9	Hexp	TNT	2015-1860	WT_IPC-15-101985	7/20/2015	7/27/2015	7	7	N
M-SMA-12.9	Hexp	RDX	2015-1860	WT_IPC-15-101985	7/20/2015	7/27/2015	7	7	N
CDV-SMA-1.2	Hexp	TNT	2015-2017	WT_IPC-15-101991	8/2/2015	8/7/2015	5	7	N
CDV-SMA-1.2	Hexp	RDX	2015-2017	WT_IPC-15-101991	8/2/2015	8/7/2015	5	7	N
S-SMA-6	Hexp	TNT	2016-138	WT_IPC-15-106553	10/21/2015	10/29/2015	8	7	Y
S-SMA-6	Hexp	RDX	2016-138	WT_IPC-15-106553	10/21/2015	10/29/2015	8	7	Y

Table B-7
Results for Metals

Permitted Feature	SMA	Station Number	COC[a]	Sample	Sample Date	Field Prep	Aluminum EPA:200.8 (µg/L)	Antimony EPA:200.8 (µg/L)	Arsenic EPA:200.8 (µg/L)	Boron EPA:200.7 (µg/L)	Cadmium EPA:200.8 (µg/L)	Chromium EPA:200.8 (µg/L)	Cobalt EPA:200.7 (µg/L)	Copper EPA:200.8 (µg/L)	Lead EPA:200.8 (µg/L)	Mercury EPA:245.2 (µg/L)	Nickel EPA:200.8 (µg/L)	Selenium EPA:200.8 (µg/L)	Silver EPA:200.8 (µg/L)	Thallium EPA:200.8 (µg/L)	Vanadium EPA:200.7 (µg/L)	Zinc EPA:200.7 (µg/L)
E002	2M-SMA-1.42	SS093203	2015-1890	WT_IPC-15-101962	7/20/2015	F[b]	1900	—[c]	—	—	—	—	—	—	—	—	—	—	—	—	—	—
E005	2M-SMA-1.45	SS123220	2015-1690	WT_IPC-15-101945	7/7/2015	F	682	<1	<1.7	19.9	<0.11	<2	<1	2.96	<0.5	—	0.646	—	<0.2	<0.45	2.67	6.43
E005	2M-SMA-1.45	SS123220	2015-1690	WT_IPC-15-101940	7/7/2015	UF[d]	—	—	—	—	—	—	—	—	—	<0.067	—	<1.5	—	—	—	—
E005	2M-SMA-1.45	SS123220	2015-2044	WT_IPC-15-102879	8/1/2015	F	133	<1	<1.7	17.1	<0.11	<2	<1	3.03	<0.5	—	0.557	—	<0.2	<0.45	1.39	<3.3
E005	2M-SMA-1.45	SS123220	2015-2044	WT_IPC-15-102874	8/1/2015	UF	—	—	—	—	—	—	—	—	—	<0.067	—	<1.5	—	—	—	—
C001	CDB-SMA-0.15	SS091310	2015-1836	WT_IPC-15-102123	7/20/2015	F	1250	<1	<1.7	61	<0.11	<2	<1	6.66	1.36	—	3.9	—	<0.2	<0.45	2.11	13.9
C001	CDB-SMA-0.15	SS091310	2015-1836	WT_IPC-15-102084	7/20/2015	UF	—	—	—	—	—	—	—	—	—	<0.067	—	1.62	—	—	—	—
V001	CDV-SMA-1.2	SS100421	2015-2017	WT_IPC-15-102008	8/2/2015	F	260	2.18	<1.7	21.8	<0.11	<2	<1	2.69	<0.5	—	0.733	—	<0.2	<0.45	1.55	<3.3
V001	CDV-SMA-1.2	SS100421	2015-2017	WT_IPC-15-101991	8/2/2015	UF	—	—	—	—	—	—	—	—	—	<0.067	—	<1.5	—	—	—	—
V007	CDV-SMA-2.3	SS080404	2015-1873	WT_IPC-15-102104	7/20/2015	F	129	<1	<1.7	16.8	<0.11	<2	<1	4.13	<0.5	—	0.698	—	<0.2	<0.45	5.03	4.06
V007	CDV-SMA-2.3	SS080404	2015-1873	WT_IPC-15-102065	7/20/2015	UF	—	—	—	—	—	—	—	—	—	<0.067	—	2.74	—	—	—	—
M015	M-SMA-12	SS2004	2015-1634	WT_IPC-15-102040	7/7/2015	F	1510	<1	<1.7	67.9	<0.11	<2	<1	4.41	1.58	—	8.09	—	<0.2	<0.45	2.99	21.6
M015	M-SMA-12	SS2004	2015-1634	WT_IPC-15-102019	7/7/2015	UF	—	—	—	—	—	—	—	—	—	<0.067	—	<1.5	—	—	—	—
M020	M-SMA-12.9	SS2032	2015-1860	WT_IPC-15-102002	7/20/2015	F	363	<1	<1.7	16.4	<0.11	<2	<1	25.1	3.71	—	<0.5	—	<0.2	<0.45	1.39	<9.78
M020	M-SMA-12.9	SS2032	2015-1860	WT_IPC-15-101985	7/20/2015	UF	—	—	—	—	—	—	—	—	—	0.42	—	<1.5	—	—	—	—
J019	PJ-SMA-14.3	SS092321	2015-1890	WT_IPC-15-102088	7/20/2015	UF	—	—	—	—	—	—	—	—	—	0.483	—	<1.5	—	—	—	—
J024	PJ-SMA-17	SS092331	2015-1286	WT_IPC-15-95417	5/21/2015	F	385	5.7	<5	25.5	<1	<10	<5	1.97	<2	—	0.796	—	<1	<2	2.02	<10
J024	PJ-SMA-17	SS092331	2015-1286	WT_IPC-15-95421	5/21/2015	UF	—	—	—	—	—	—	—	—	—	<0.2	—	2.42	—	—	—	—
S009	S-SMA-3.72	SS091611	2015-1890	WT_IPC-15-102055	7/20/2015	F	230	1.53	<1.7	<15	<0.11	<2	<1	4.59	0.647	—	0.507	—	<0.2	<0.45	1.22	20.1
S009	S-SMA-3.72	SS091611	2015-1890	WT_IPC-15-102034	7/20/2015	UF	—	—	—	—	—	—	—	—	—	<0.067	—	<1.5	—	—	—	—
S016	S-SMA-6	SS1248	2016-138	WT_IPC-15-106555	10/21/2015	F	1540	<1	<1.7	<15	<0.11	2.79	<1	5.87	1.73	—	1.88	—	<0.1	<0.45	4.13	11.9

[a] COC = Chain of custody.

[b] F = Filtered.

[c] — = The sample is not analyzed for the associated parameters.

[d] UF = Unfiltered.

Table B-8
IP Results for Non-Metals

Permitted Feature	SMA	Station Number	COC[a]	Sample	Sample Date	Field Prep	Cyanide	Radioactivity		PCBs	High Explosives	
							Cyanide, Weak Acid Dissociable ASTM:D2036 (mg/L)	Gross Alpha EPA:900 (pCi/L)	Radium-226 and Radium-228 Generic:Radium by Calculation (pCi/L)	Total PCB EPA:1668A (µg/L)	RDX SW-846:8321A.MOD (µg/L)	TNT SW-846:8321A.MOD (µg/L)
E002	2M-SMA-1.42	SS093203	2015-1890	WT_IPC-15-101960	7/20/2015	UF[b]	—[c]	16	—	—	—	—
E005	2M-SMA-1.45	SS123220	2015-1690	WT_IPC-15-101940	7/7/2015	UF	<0.00214	2.88	1.6	—	—	—
E005	2M-SMA-1.45	SS123220	2015-2044	WT_IPC-15-102874	8/1/2015	UF	<0.00214	<0.914	<1.05	—	—	—
C001	CDB-SMA-0.15	SS091310	2015-1836	WT_IPC-15-102084	7/20/2015	UF	0.00241	5.32	<0.75	—	—	—
V001	CDV-SMA-1.2	SS100421	2015-2017	WT_IPC-15-101991	8/2/2015	UF	<0.00214	8.24	1.61	—	<0.287	<0.287
V007	CDV-SMA-2.3	SS080404	2015-1873	WT_IPC-15-102065	7/20/2015	UF	<0.00214	54.4	5.04	—	—	—
L030A	LA-SMA-10.12	SS091021	2015-1873	WT_IPC-15-101964	7/20/2015	UF	<0.00214	4.36	—	—	—	—
M015	M-SMA-12	SS2004	2015-1634	WT_IPC-15-102019	7/7/2015	UF	<0.00214	3.88	2.38	—	—	—
M015	M-SMA-12	SS2004	2015-1650	WT_IPC-15-102019	7/7/2015	UF	—	—	—	0.00427	—	—
M020	M-SMA-12.9	SS2032	2015-1860	WT_IPC-15-101985	7/20/2015	UF	<0.00214	276	13.9	—	<0.291	<0.291
J019	PJ-SMA-14.3	SS092321	2015-1890	WT_IPC-15-102088	7/20/2015	UF	<0.00214	160	14.7	—	—	—
J024	PJ-SMA-17	SS092331	2015-1285	WT_IPC-15-95421	5/21/2015	UF	—	—	—	<0	—	—
J024	PJ-SMA-17	SS092331	2015-1286	WT_IPC-15-95421	5/21/2015	UF	<0.005	98.3	3.7	—	—	—
S009	S-SMA-3.72	SS091611	2015-1890	WT_IPC-15-102034	7/20/2015	UF	<0.00214	<-0.994	2.45	—	—	—
S009	S-SMA-3.72	SS091611	2015-1897	WT_IPC-15-102034	7/20/2015	UF	—	—	—	<0.0699	—	—
S016	S-SMA-6	SS1248	2016-138	WT_IPC-15-106553	10/21/2015	UF	<0.00214	61.7	8.29	—	<0.273	<0.273
S016	S-SMA-6	SS1248	2016-146	WT_IPC-15-106553	10/21/2015	UF	—	—	—	0.0195	—	—
J031	STRM-SMA-5.05	SS093002	2015-2109	WT_IPC-15-101952	8/2/2015	UF	<0.00214	7.66	—	—	—	—
J031	STRM-SMA-5.05	SS093002	2015-2110	WT_IPC-15-101952	8/2/2015	UF	—	—	—	0.00226	—	—
W018	W-SMA-10	SS25245	2015-2085	WT_IPC-15-101966	8/1/2015	UF	<0.00214	77.8	—	—	—	—

[a] COC = Chain of custody.

[b] UF = Unfiltered.

[c] — = The sample is not analyzed for the associated parameters.

Table B-9
2015 Compliance Results Screened to TALs

SMA	Suite	Stage	Analyte	Unit	Total Analysis	No. of Detects	Percent of Detect	ATAL	Geo Mean	Geo Mean/ ATAL Ratio	MTAL	No. of MTAL Exceedances	Percent MTAL Exceedances	Concentration Range[a]
2M-SMA-1.42	INORGANIC	CAM5[b]	Aluminum	µg/L	1	1	100%	n/a[c]	n/a	n/a	750	1	100%	1900
2M-SMA-1.42	RAD	CAM5	Gross alpha	pCi/L	1	1	100%	15	16	1.07	n/a	n/a	n/a	16
2M-SMA-1.45	INORGANIC	CAM5	Aluminum	µg/L	2	2	100%	n/a	n/a	n/a	750	0	0%	133 to 682
2M-SMA-1.45	INORGANIC	CAM5	Antimony	µg/L	2	0	0%	640	0	0	20	0	0%	(1) to (1)
2M-SMA-1.45	INORGANIC	CAM5	Arsenic	µg/L	2	0	0%	9	0	0	340	0	0%	(1.7) to (1.7)
2M-SMA-1.45	INORGANIC	CAM5	Boron	µg/L	2	2	100%	5000	0	0	0.022	2	100%	17.1 to 19.9
2M-SMA-1.45	INORGANIC	CAM5	Cadmium	µg/L	2	0	0%	15	0	0	1	0	0%	(0.11) to (0.11)
2M-SMA-1.45	INORGANIC	CAM5	Chromium	µg/L	2	0	0%	n/a	n/a	n/a	210	0	0%	(2) to (2)
2M-SMA-1.45	INORGANIC	CAM5	Cobalt	µg/L	2	0	0%	1000	0	0	n/a	n/a	n/a	(1) to (1)
2M-SMA-1.45	INORGANIC	CAM5	Copper	µg/L	2	2	100%	n/a	n/a	n/a	4.3	0	0%	2.96 to 3.03
2M-SMA-1.45	GENERAL CHEMISTRY	CAM5	Cyanide, weak acid dissociable	mg/L	2	0	0%	0.01	0	0	0.022	0	0%	(0.00214) to (0.00214)
2M-SMA-1.45	RAD	CAM5	Gross alpha	pCi/L	2	1	50%	15	2.09	0.139	n/a	n/a	n/a	(0.914) to 2.88
2M-SMA-1.45	INORGANIC	CAM5	Lead	µg/L	2	0	0%	5	0	0	17	0	0%	(0.5) to (0.5)
2M-SMA-1.45	INORGANIC	CAM5	Mercury	µg/L	2	0	0%	0.77	0	0	1.4	0	0%	(0.067) to (0.067)
2M-SMA-1.45	INORGANIC	CAM5	Nickel	µg/L	2	2	100%	30	0.6	0.02	170	0	0%	0.557 to 0.646
2M-SMA-1.45	RAD	CAM5	Radium-226 and Radium-228	pCi/L	2	1	50%	30	0.973	0.0324	n/a	n/a	n/a	(1.05) to 1.6
2M-SMA-1.45	INORGANIC	CAM5	Selenium	µg/L	2	0	0%	5	0	0	20	0	0%	(1.5) to (1.5)
2M-SMA-1.45	INORGANIC	CAM5	Silver	µg/L	2	0	0%	1000	0	0	0.5	0	0%	(0.2) to (0.2)
2M-SMA-1.45	INORGANIC	CAM5	Thallium	µg/L	2	0	0%	6.3	0	0	0.5	0	0%	(0.45) to (0.45)
2M-SMA-1.45	INORGANIC	CAM5	Vanadium	µg/L	2	2	100%	100	0	0	0.5	2	100%	1.39 to 2.67
2M-SMA-1.45	INORGANIC	CAM5	Zinc	µg/L	2	1	50%	6.3	0	0	42	0	0%	(3.3) to 6.43
CDB-SMA-0.15	INORGANIC	MEx[d]	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	1	100%	1250
CDB-SMA-0.15	INORGANIC	MEx	Antimony	µg/L	1	0	0%	640	Non det[e]	<1	n/a	n/a	n/a	(1)
CDB-SMA-0.15	INORGANIC	MEx	Arsenic	µg/L	1	0	0%	9	Non det	<1	340	0	0%	(1.7)
CDB-SMA-0.15	INORGANIC	MEx	Boron	µg/L	1	1	100%	5000	61	0.0122	n/a	n/a	n/a	61
CDB-SMA-0.15	INORGANIC	MEx	Cadmium	µg/L	1	0	0%	n/a	n/a	n/a	1	0	0%	(0.11)
CDB-SMA-0.15	INORGANIC	MEx	Chromium	µg/L	1	0	0%	n/a	n/a	n/a	210	0	0%	(2)
CDB-SMA-0.15	INORGANIC	MEx	Cobalt	µg/L	1	0	0%	1000	Non det	<1	n/a	n/a	n/a	(1)
CDB-SMA-0.15	INORGANIC	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	6.66
CDB-SMA-0.15	GENERAL CHEMISTRY	MEx	Cyanide, weak acid dissociable	mg/L	1	1	100%	0.01	0.00241	0.241	0.022	0	0%	0.00241
CDB-SMA-0.15	RAD	MEx	Gross alpha	pCi/L	1	1	100%	15	5.32	0.355	n/a	n/a	n/a	5.32
CDB-SMA-0.15	INORGANIC	MEx	Lead	µg/L	1	1	100%	n/a	n/a	n/a	17	0	0%	1.36
CDB-SMA-0.15	INORGANIC	MEx	Mercury	µg/L	1	0	0%	0.77	Non det	<1	1.4	0	0%	(0.067)
CDB-SMA-0.15	INORGANIC	MEx	Nickel	µg/L	1	1	100%	n/a	n/a	n/a	170	0	0%	3.9
CDB-SMA-0.15	RAD	MEx	Radium-226 and Radium-228	pCi/L	1	0	0%	30	Non det	<1	n/a	n/a	n/a	(0.75)
CDB-SMA-0.15	INORGANIC	MEx	Selenium	µg/L	1	1	100%	5	1.62	0.324	20	0	0%	1.62

Table B-9 (continued)

SMA	Suite	Stage	Analyte	Unit	Total Analysis	No. of Detects	Percent of Detect	ATAL	Geo Mean	Geo Mean/ ATAL Ratio	MTAL	No. of MTAL Exceedances	Percent MTAL Exceedances	Concentration Range[a]
CDB-SMA-0.15	INORGANIC	MEx	Silver	µg/L	1	0	0%	n/a	n/a	n/a	0.5	0	0%	(0.2)
CDB-SMA-0.15	INORGANIC	MEx	Thallium	µg/L	1	0	0%	6.3	Non det	<1	n/a	n/a	n/a	(0.45)
CDB-SMA-0.15	INORGANIC	MEx	Vanadium	µg/L	1	1	100%	100	2.11	0.0211	n/a	n/a	n/a	2.11
CDB-SMA-0.15	INORGANIC	MEx	Zinc	µg/L	1	1	100%	n/a	n/a	n/a	42	0	0%	13.9
CDV-SMA-1.2	INORGANIC	MEx	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	0	0%	260
CDV-SMA-1.2	INORGANIC	MEx	Antimony	µg/L	1	1	100%	640	2.18	0.00341	n/a	n/a	n/a	2.18
CDV-SMA-1.2	INORGANIC	MEx	Arsenic	µg/L	1	0	0%	9	Non det	<1	340	0	0%	(1.7)
CDV-SMA-1.2	INORGANIC	MEx	Boron	µg/L	1	1	100%	5000	21.8	0.00436	n/a	n/a	n/a	21.8
CDV-SMA-1.2	INORGANIC	MEx	Cadmium	µg/L	1	0	0%	n/a	n/a	n/a	1	0	0%	(0.11)
CDV-SMA-1.2	INORGANIC	MEx	Chromium	µg/L	1	0	0%	n/a	n/a	n/a	210	0	0%	(2)
CDV-SMA-1.2	INORGANIC	MEx	Cobalt	µg/L	1	0	0%	1000	Non det	<1	n/a	n/a	n/a	(1)
CDV-SMA-1.2	INORGANIC	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	0	0%	2.69
CDV-SMA-1.2	GENERAL CHEMISTRY	MEx	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
CDV-SMA-1.2	RAD	MEx	Gross alpha	pCi/L	1	1	100%	15	8.24	0.549	n/a	n/a	n/a	8.24
CDV-SMA-1.2	INORGANIC	MEx	Lead	µg/L	1	0	0%	n/a	n/a	n/a	17	0	0%	(0.5)
CDV-SMA-1.2	INORGANIC	MEx	Mercury	µg/L	1	0	0%	0.77	Non det	<1	1.4	0	0%	(0.067)
CDV-SMA-1.2	INORGANIC	MEx	Nickel	µg/L	1	1	100%	n/a	n/a	n/a	170	0	0%	0.733
CDV-SMA-1.2	RAD	MEx	Radium-226 and Radium-228	pCi/L	1	1	100%	30	1.61	0.0537	n/a	n/a	n/a	1.61
CDV-SMA-1.2	LCMS/MS HIGH EXPLOSIVES	MEx	RDX	µg/L	1	0	0%	200	Non det	<1	n/a	n/a	n/a	(0.287)
CDV-SMA-1.2	INORGANIC	MEx	Selenium	µg/L	1	0	0%	5	Non det	<1	20	0	0%	(1.5)
CDV-SMA-1.2	INORGANIC	MEx	Silver	µg/L	1	0	0%	n/a	n/a	n/a	0.5	0	0%	(0.2)
CDV-SMA-1.2	INORGANIC	MEx	Thallium	µg/L	1	0	0%	6.3	Non det	<1	n/a	n/a	n/a	(0.45)
CDV-SMA-1.2	LCMS/MS HIGH EXPLOSIVES	MEx	TNT	µg/L	1	0	0%	20	Non det	<1	n/a	n/a	n/a	(0.287)
CDV-SMA-1.2	INORGANIC	MEx	Vanadium	µg/L	1	1	100%	100	1.55	0.0155	n/a	n/a	n/a	1.55
CDV-SMA-1.2	INORGANIC	MEx	Zinc	µg/L	1	0	0%	n/a	n/a	n/a	42	0	0%	(3.3)
CDV-SMA-2.3	INORGANIC	MEx	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	0	0%	129
CDV-SMA-2.3	INORGANIC	MEx	Antimony	µg/L	1	0	0%	640	Non det	<1	n/a	n/a	n/a	(1)
CDV-SMA-2.3	INORGANIC	MEx	Arsenic	µg/L	1	0	0%	9	Non det	<1	340	0	0%	(1.7)
CDV-SMA-2.3	INORGANIC	MEx	Boron	µg/L	1	1	100%	5000	16.8	0.00336	n/a	n/a	n/a	16.8
CDV-SMA-2.3	INORGANIC	MEx	Cadmium	µg/L	1	0	0%	n/a	n/a	n/a	1	0	0%	(0.11)
CDV-SMA-2.3	INORGANIC	MEx	Chromium	µg/L	1	0	0%	n/a	n/a	n/a	210	0	0%	(2)
CDV-SMA-2.3	INORGANIC	MEx	Cobalt	µg/L	1	0	0%	1000	Non det	<1	n/a	n/a	n/a	(1)
CDV-SMA-2.3	INORGANIC	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	0	0%	4.13
CDV-SMA-2.3	GENERAL CHEMISTRY	MEx	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
CDV-SMA-2.3	RAD	MEx	Gross alpha	pCi/L	1	1	100%	15	54.4	3.63	n/a	n/a	n/a	54.4
CDV-SMA-2.3	INORGANIC	MEx	Lead	µg/L	1	0	0%	n/a	n/a	n/a	17	0	0%	(0.5)
CDV-SMA-2.3	INORGANIC	MEx	Mercury	µg/L	1	0	0%	0.77	Non det	<1	1.4	0	0%	(0.067)

Table B-9 (continued)

SMA	Suite	Stage	Analyte	Unit	Total Analysis	No. of Detects	Percent of Detect	ATAL	Geo Mean	Geo Mean/ ATAL Ratio	MTAL	No. of MTAL Exceedances	Percent MTAL Exceedances	Concentration Range[a]
CDV-SMA-2.3	INORGANIC	MEx	Nickel	µg/L	1	1	100%	n/a	n/a	n/a	170	0	0%	0.698
CDV-SMA-2.3	RAD	MEx	Radium-226 and Radium-228	pCi/L	1	1	100%	30	5.04	0.168	n/a	n/a	n/a	5.04
CDV-SMA-2.3	INORGANIC	MEx	Selenium	µg/L	1	1	100%	5	2.74	0.548	20	0	0%	2.74
CDV-SMA-2.3	INORGANIC	MEx	Silver	µg/L	1	0	0%	n/a	n/a	n/a	0.5	0	0%	(0.2)
CDV-SMA-2.3	INORGANIC	MEx	Thallium	µg/L	1	0	0%	6.3	Non det	<1	n/a	n/a	n/a	(0.45)
CDV-SMA-2.3	INORGANIC	MEx	Vanadium	µg/L	1	1	100%	100	5.03	0.0503	n/a	n/a	n/a	5.03
CDV-SMA-2.3	INORGANIC	MEx	Zinc	µg/L	1	1	100%	n/a	n/a	n/a	42	0	0%	4.06
LA-SMA-10.12	GENERAL CHEMISTRY	CAM5	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
LA-SMA-10.12	RAD	CAM5	Gross alpha	pCi/L	1	1	100%	15	4.36	0.291	n/a	n/a	n/a	4.36
M-SMA-12	INORGANIC	MEx	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	1	100%	1510
M-SMA-12	INORGANIC	MEx	Antimony	µg/L	1	0	0%	640	Non det	<1	n/a	n/a	n/a	(1)
M-SMA-12	INORGANIC	MEx	Arsenic	µg/L	1	0	0%	9	Non det	<1	340	0	0%	(1.7)
M-SMA-12	INORGANIC	MEx	Boron	µg/L	1	1	100%	5000	67.9	0.0136	n/a	n/a	n/a	67.9
M-SMA-12	INORGANIC	MEx	Cadmium	µg/L	1	0	0%	n/a	n/a	n/a	1	0	0%	(0.11)
M-SMA-12	INORGANIC	MEx	Chromium	µg/L	1	0	0%	n/a	n/a	n/a	210	0	0%	(2)
M-SMA-12	INORGANIC	MEx	Cobalt	µg/L	1	0	0%	1000	Non det	<1	n/a	n/a	n/a	(1)
M-SMA-12	INORGANIC	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	4.41
M-SMA-12	GENERAL CHEMISTRY	MEx	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
M-SMA-12	RAD	MEx	Gross alpha	pCi/L	1	1	100%	15	3.88	0.259	n/a	n/a	n/a	3.88
M-SMA-12	INORGANIC	MEx	Lead	µg/L	1	1	100%	n/a	n/a	n/a	17	0	0%	1.58
M-SMA-12	INORGANIC	MEx	Mercury	µg/L	1	0	0%	0.77	Non det	<1	1.4	0	0%	(0.067)
M-SMA-12	INORGANIC	MEx	Nickel	µg/L	1	1	100%	n/a	n/a	n/a	170	0	0%	8.09
M-SMA-12	RAD	MEx	Radium-226 and Radium-228	pCi/L	1	1	100%	30	2.38	0.0793	n/a	n/a	n/a	2.38
M-SMA-12	INORGANIC	MEx	Selenium	µg/L	1	0	0%	5	Non det	<1	20	0	0%	(1.5)
M-SMA-12	INORGANIC	MEx	Silver	µg/L	1	0	0%	n/a	n/a	n/a	0.5	0	0%	(0.2)
M-SMA-12	INORGANIC	MEx	Thallium	µg/L	1	0	0%	6.3	Non det	<1	n/a	n/a	n/a	(0.45)
M-SMA-12	PCBCONGENERS	MEx	Total PCB	µg/L	1	1	100%	0.00064	0.00427	6.67	n/a	n/a	n/a	0.00427
M-SMA-12	INORGANIC	MEx	Vanadium	µg/L	1	1	100%	100	2.99	0.0299	n/a	n/a	n/a	2.99
M-SMA-12	INORGANIC	MEx	Zinc	µg/L	1	1	100%	n/a	n/a	n/a	42	0	0%	21.6
M-SMA-12.9	INORGANIC	MEx	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	0	0%	363
M-SMA-12.9	INORGANIC	MEx	Antimony	µg/L	1	0	0%	640	Non det	<1	n/a	n/a	n/a	(1)
M-SMA-12.9	INORGANIC	MEx	Arsenic	µg/L	1	0	0%	9	Non det	<1	340	0	0%	(1.7)
M-SMA-12.9	INORGANIC	MEx	Boron	µg/L	1	1	100%	5000	16.4	0.00328	n/a	n/a	n/a	16.4
M-SMA-12.9	INORGANIC	MEx	Cadmium	µg/L	1	0	0%	n/a	n/a	n/a	1	0	0%	(0.11)
M-SMA-12.9	INORGANIC	MEx	Chromium	µg/L	1	0	0%	n/a	n/a	n/a	210	0	0%	(2)
M-SMA-12.9	INORGANIC	MEx	Cobalt	µg/L	1	0	0%	1000	Non det	<1	n/a	n/a	n/a	(1)
M-SMA-12.9	INORGANIC	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	25.1

Table B-9 (continued)

SMA	Suite	Stage	Analyte	Unit	Total Analysis	No. of Detects	Percent of Detect	ATAL	Geo Mean	Geo Mean/ ATAL Ratio	MTAL	No. of MTAL Exceedances	Percent MTAL Exceedances	Concentration Range[a]
M-SMA-12.9	GENERAL CHEMISTRY	MEx	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
M-SMA-12.9	RAD	MEx	Gross alpha	pCi/L	1	1	100%	15	276	18.4	n/a	n/a	n/a	276
M-SMA-12.9	INORGANIC	MEx	Lead	µg/L	1	1	100%	n/a	n/a	n/a	17	0	0%	3.71
M-SMA-12.9	INORGANIC	MEx	Mercury	µg/L	1	1	100%	0.77	0.42	0.545	1.4	0	0%	0.42
M-SMA-12.9	INORGANIC	MEx	Nickel	µg/L	1	0	0%	n/a	n/a	n/a	170	0	0%	(0.5)
M-SMA-12.9	RAD	MEx	Radium-226 and Radium-228	pCi/L	1	1	100%	30	13.9	0.463	n/a	n/a	n/a	13.9
M-SMA-12.9	LCMS/MS HIGH EXPLOSIVES	MEx	RDX	µg/L	1	0	0%	200	Non det	<1	n/a	n/a	n/a	(0.291)
M-SMA-12.9	INORGANIC	MEx	Selenium	µg/L	1	0	0%	5	Non det	<1	20	0	0%	(1.5)
M-SMA-12.9	INORGANIC	MEx	Silver	µg/L	1	0	0%	n/a	n/a	n/a	0.5	0	0%	(0.2)
M-SMA-12.9	INORGANIC	MEx	Thallium	µg/L	1	0	0%	6.3	Non det	<1	n/a	n/a	n/a	(0.45)
M-SMA-12.9	LCMS/MS HIGH EXPLOSIVES	MEx	TNT	µg/L	1	0	0%	20	Non det	<1	n/a	n/a	n/a	(0.291)
M-SMA-12.9	INORGANIC	MEx	Vanadium	µg/L	1	1	100%	100	1.39	0.0139	n/a	n/a	n/a	1.39
M-SMA-12.9	INORGANIC	MEx	Zinc	µg/L	1	0	0%	n/a	n/a	n/a	42	0	0%	(9.78)
S-SMA-3.72	INORGANIC	MEx	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	0	0%	230
S-SMA-3.72	INORGANIC	MEx	Antimony	µg/L	1	1	100%	640	1.53	0.00239	n/a	n/a	n/a	1.53
S-SMA-3.72	INORGANIC	MEx	Arsenic	µg/L	1	0	0%	9	Non det	<1	340	0	0%	(1.7)
S-SMA-3.72	INORGANIC	MEx	Boron	µg/L	1	0	0%	5000	Non det	<1	n/a	n/a	n/a	(15)
S-SMA-3.72	INORGANIC	MEx	Cadmium	µg/L	1	0	0%	n/a	n/a	n/a	1	0	0%	(0.11)
S-SMA-3.72	INORGANIC	MEx	Chromium	µg/L	1	0	0%	n/a	n/a	n/a	210	0	0%	(2)
S-SMA-3.72	INORGANIC	MEx	Cobalt	µg/L	1	0	0%	1000	Non det	<1	n/a	n/a	n/a	(1)
S-SMA-3.72	INORGANIC	MEx	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	4.59
S-SMA-3.72	GENERAL CHEMISTRY	MEx	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
S-SMA-3.72	RAD	MEx	Gross alpha	pCi/L	1	0	0%	15	Non det	<1	n/a	n/a	n/a	(1E-30)
S-SMA-3.72	INORGANIC	MEx	Lead	µg/L	1	1	100%	n/a	n/a	n/a	17	0	0%	0.647
S-SMA-3.72	INORGANIC	MEx	Mercury	µg/L	1	0	0%	0.77	Non det	<1	1.4	0	0%	(0.067)
S-SMA-3.72	INORGANIC	MEx	Nickel	µg/L	1	1	100%	n/a	n/a	n/a	170	0	0%	0.507
S-SMA-3.72	RAD	MEx	Radium-226 and Radium-228	pCi/L	1	1	100%	30	2.45	0.0817	n/a	n/a	n/a	2.45
S-SMA-3.72	INORGANIC	MEx	Selenium	µg/L	1	0	0%	5	Non det	<1	20	0	0%	(1.5)
S-SMA-3.72	INORGANIC	MEx	Silver	µg/L	1	0	0%	n/a	n/a	n/a	0.5	0	0%	(0.2)
S-SMA-3.72	INORGANIC	MEx	Thallium	µg/L	1	0	0%	6.3	Non det	<1	n/a	n/a	n/a	(0.45)
S-SMA-3.72	PCBCONGENERS	MEx	Total PCB	µg/L	1	0	0%	0.00064	Non det	<1	n/a	n/a	n/a	(0.0699)
S-SMA-3.72	INORGANIC	MEx	Vanadium	µg/L	1	1	100%	100	1.22	0.0122	n/a	n/a	n/a	1.22
S-SMA-3.72	INORGANIC	MEx	Zinc	µg/L	1	1	100%	n/a	n/a	n/a	42	0	0%	20.1
S-SMA-6	INORGANIC	CAM3[f]	Aluminum	µg/L	1	1	100%	n/a	n/a	n/a	750	1	100%	1540
S-SMA-6	INORGANIC	CAM3	Antimony	µg/L	1	0	0%	640	Non det	<1	n/a	n/a	n/a	(1)
S-SMA-6	INORGANIC	CAM3	Arsenic	µg/L	1	0	0%	9	Non det	<1	340	0	0%	(1.7)
S-SMA-6	INORGANIC	CAM3	Boron	µg/L	1	0	0%	5000	Non det	<1	n/a	n/a	n/a	(15)

Table B-9 (continued)

SMA	Suite	Stage	Analyte	Unit	Total Analysis	No. of Detects	Percent of Detect	ATAL	Geo Mean	Geo Mean/ ATAL Ratio	MTAL	No. of MTAL Exceedances	Percent MTAL Exceedances	Concentration Range[a]
S-SMA-6	INORGANIC	CAM3	Cadmium	µg/L	1	0	0%	n/a	n/a	n/a	1	0	0%	(0.11)
S-SMA-6	INORGANIC	CAM3	Chromium	µg/L	1	1	100%	n/a	n/a	n/a	210	0	0%	2.79
S-SMA-6	INORGANIC	CAM3	Cobalt	µg/L	1	0	0%	1000	Non det	<1	n/a	n/a	n/a	(1)
S-SMA-6	INORGANIC	CAM3	Copper	µg/L	1	1	100%	n/a	n/a	n/a	4.3	1	100%	5.87
S-SMA-6	GENERAL CHEMISTRY	CAM3	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
S-SMA-6	RAD	CAM3	Gross alpha	pCi/L	1	1	100%	15	61.7	4.11	n/a	n/a	n/a	61.7
S-SMA-6	INORGANIC	CAM3	Lead	µg/L	1	1	100%	n/a	n/a	n/a	17	0	0%	1.73
S-SMA-6	INORGANIC	CAM3	Nickel	µg/L	1	1	100%	n/a	n/a	n/a	170	0	0%	1.88
S-SMA-6	RAD	CAM3	Radium-226 and Radium-228	pCi/L	1	1	100%	30	8.29	0.276	n/a	n/a	n/a	8.29
S-SMA-6	LCMS/MS HIGH EXPLOSIVES	CAM3	RDX	µg/L	1	0	0%	200	Non det	<1	n/a	n/a	n/a	(0.273)
S-SMA-6	INORGANIC	CAM3	Silver	µg/L	1	0	0%	n/a	n/a	n/a	0.5	0	0%	(0.1)
S-SMA-6	INORGANIC	CAM3	Thallium	µg/L	1	0	0%	6.3	Non det	<1	n/a	n/a	n/a	(0.45)
S-SMA-6	PCBCONGENERS	CAM3	Total PCB	µg/L	1	1	100%	0.00064	0.0195	30.5	n/a	n/a	n/a	0.0195
S-SMA-6	LCMS/MS HIGH EXPLOSIVES	CAM3	TNT	µg/L	1	0	0%	20	Non det	<1	n/a	n/a	n/a	(0.273)
S-SMA-6	INORGANIC	CAM3	Vanadium	µg/L	1	1	100%	100	4.13	0.0413	n/a	n/a	n/a	4.13
S-SMA-6	INORGANIC	CAM3	Zinc	µg/L	1	1	100%	n/a	n/a	n/a	42	0	0%	11.9
STRM-SMA-5.05	GENERAL CHEMISTRY	CAM5	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
STRM-SMA-5.05	RAD	CAM5	Gross alpha	pCi/L	1	1	100%	15	7.66	0.511	n/a	n/a	n/a	7.66
STRM-SMA-5.05	PCBCONGENERS	CAM5	Total PCB	µg/L	1	1	100%	0.00064	0.00226	3.53	n/a	n/a	n/a	0.00226
W-SMA-10	GENERAL CHEMISTRY	CAM5	Cyanide, weak acid dissociable	mg/L	1	0	0%	0.01	Non det	<1	0.022	0	0%	(0.00214)
W-SMA-10	RAD	CAM5	Gross alpha	pCi/L	1	1	100%	15	77.8	5.19	n/a	n/a	n/a	77.8

Note: Blue shading indicates exceedance of a TAL.

[a] Nondetected results are enclosed in parentheses.

[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= Baseline monitoring: Confirmation monitoring samples collected following completion of baseline control measures.

[e] Non det = Result is not detected.

[f] CAM3= Corrective action enhanced control monitoring: Confirmation monitoring samples collected following completion of corrective action control measures at High Priority Sites.

Appendix C

Control Measures

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
2M-SMA-1	Additional	n/a[e]	E00102040026	Permanent Vegetation	Established Vegetation	X[f]	—[g]	—	X
2M-SMA-1	Enhanced	7/20/2012	E00103010014	Berm	Earthen Berm	—	X	X	—
2M-SMA-1	Additional	n/a	E00103040027	Berm	Asphalt Berm	—	X	X	—
2M-SMA-1	Additional	n/a	E00103120034	Channel/Swale	Rip Rap	X	—	—	—
2M-SMA-1	Baseline	11/1/2010	E00104060010	Channel/Swale	Rip Rap	X	—	X	—
2M-SMA-1	Baseline	11/1/2010	E00104060011	Channel/Swale	Rip Rap	X	—	X	—
2M-SMA-1	Additional	n/a	E00104060033	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-1	Enhanced	7/20/2012	E00105020013	Sediment Traps and Basins	Sediment Basin	—	X	X	—
2M-SMA-1	Baseline	11/1/2010	E00106010007	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Baseline	11/1/2010	E00106010008	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Baseline	11/1/2010	E00106010009	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010016	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010017	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010018	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010019	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010020	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010021	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010022	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010023	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010024	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Enhanced	7/20/2012	E00106010025	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Additional	n/a	E00106010028	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Additional	n/a	E00106010029	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1	Additional	n/a	E00106020031	Check Dam	Log Check Dam	—	X	—	X
2M-SMA-1	Additional	n/a	E00106020032	Check Dam	Log Check Dam	—	X	—	X
2M-SMA-1	Baseline	11/1/2010	E00107010003	Gabion	Gabion	—	X	—	X
2M-SMA-1.42	Enhanced	6/27/2012	E00201010013	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
2M-SMA-1.42	Additional	n/a	E00202040015	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
2M-SMA-1.42	Enhanced	6/27/2012	E00203010011	Berm	Earthen Berm	—	X	—	X
2M-SMA-1.42	Enhanced	6/27/2012	E00203010012	Berm	Earthen Berm	—	X	X	—
2M-SMA-1.42	Enhanced	6/27/2012	E00203010014	Berm	Earthen Berm	—	X	X	—
2M-SMA-1.42	Baseline	12/13/2010	E00203120003	Berm	Rock Berm	—	X	X	—
2M-SMA-1.42	Baseline	12/13/2010	E00206010006	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.42	Baseline	12/13/2010	E00206010007	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.42	Baseline	12/13/2010	E00206010008	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.43	Additional	n/a	E00302040005	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-1.43	Additional	n/a	E00304060004	Channel/Swale	Rip Rap	X	—	—	X
2M-SMA-1.43	Baseline	11/1/2010	E00306010003	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-1.44	Enhanced	6/27/2012	E00401010007	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
2M-SMA-1.44	Additional	n/a	E00401010017	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
2M-SMA-1.44	Additional	n/a	E00401030018	Seed and Mulch	Hydromulch	X	—	—	—
2M-SMA-1.44	Additional	n/a	E00402040008	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-1.44	Enhanced	6/27/2012	E00403010006	Berm	Earthen Berm	—	X	X	—
2M-SMA-1.44	Enhanced	9/4/2015	E00403010011	Berm	Earthen Berm	—	X	X	—
2M-SMA-1.44	Enhanced	9/4/2015	E00403010015	Berm	Earthen Berm	—	X	—	X
2M-SMA-1.44	Additional	n/a	E00403060019	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Additional	n/a	E00403060020	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Additional	n/a	E00403060021	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Additional	n/a	E00403060022	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Additional	n/a	E00403060023	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Additional	n/a	E00403060024	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Additional	n/a	E00403060025	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Additional	n/a	E00403060026	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Additional	n/a	E00403060027	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.44	Enhanced	9/4/2015	E00403140016	Berm	Coir Log	—	X	—	X
2M-SMA-1.44	Enhanced	9/4/2015	E00404060012	Channel/Swale	Rip Rap	X	—	—	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
2M-SMA-1.44	Enhanced	9/4/2015	E00406010009	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.44	Enhanced	9/4/2015	E00406010010	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.44	Enhanced	9/4/2015	E00406010013	Check Dam	Rock Check Dam	X	—	—	—
2M-SMA-1.44	Enhanced	9/4/2015	E00406010014	Check Dam	Rock Check Dam	X	—	—	—
2M-SMA-1.45	Additional	n/a	E00502040018	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-1.45	Additional	n/a	E00503010014	Berm	Earthen Berm	—	X	—	X
2M-SMA-1.45	Additional	n/a	E00503010015	Berm	Earthen Berm	—	X	X	—
2M-SMA-1.45	Enhanced	8/21/2012	E00503010016	Berm	Earthen Berm	—	X	—	X
2M-SMA-1.45	Enhanced	8/21/2012	E00503010017	Berm	Earthen Berm	—	X	—	X
2M-SMA-1.5	Additional	n/a	E00602040005	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-1.5	Additional	n/a	E00603060006	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.5	Baseline	11/1/2010	E00604040002	Channel/Swale	Culvert	X	—	X	—
2M-SMA-1.65	Additional	n/a	E00702040011	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-1.65	Baseline	12/13/2010	E00703010004	Berm	Earthen Berm	—	X	X	—
2M-SMA-1.65	Baseline	12/13/2010	E00703010005	Berm	Earthen Berm	—	X	—	X
2M-SMA-1.65	Enhanced	7/20/2012	E00703010010	Berm	Earthen Berm	—	X	X	—
2M-SMA-1.65	Additional	n/a	E00703060012	Berm	Straw Wattle	—	X	—	X
2M-SMA-1.65	Enhanced	7/20/2012	E00706010006	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.65	Enhanced	7/20/2012	E00706010007	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.65	Enhanced	7/20/2012	E00706010008	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.65	Enhanced	7/20/2012	E00706010009	Check Dam	Rock Check Dam	—	X	X	—
2M-SMA-1.67	Baseline	3/29/2011	E00801010006	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
2M-SMA-1.67	Additional	n/a	E00802040016	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-1.67	Additional	n/a	E00803010014	Berm	Earthen Berm	—	X	—	X
2M-SMA-1.67	Additional	n/a	E00803010015	Berm	Earthen Berm	—	X	—	X
2M-SMA-1.67	Baseline	3/29/2011	E00803060009	Berm	Straw Wattle	—	X	X	—
2M-SMA-1.67	Additional	n/a	E00803060017	Berm	Straw Wattle	—	X	—	X
2M-SMA-1.7	Additional	n/a	E00902040009	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
2M-SMA-1.7	Enhanced	7/27/2012	E00903010008	Berm	Earthen Berm	—	X	X	—
2M-SMA-1.7	Baseline	12/13/2010	E00903120005	Berm	Rock Berm	—	X	—	X
2M-SMA-1.8	Additional	n/a	E01002040010	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-1.8	Baseline	12/13/2010	E01003040003	Berm	Asphalt Berm	—	X	X	—
2M-SMA-1.8	Additional	n/a	E01003100011	Berm	Gravel Bags	—	X	X	—
2M-SMA-1.8	Baseline	12/13/2010	E01006010004	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-1.8	Baseline	12/13/2010	E01006010005	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-1.8	Baseline	12/13/2010	E01006010006	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-1.8	Baseline	12/13/2010	E01006010007	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-1.9	Baseline	12/13/2010	E01103090001	Berm	Curbing	—	X	X	—
2M-SMA-1.9	Baseline	12/13/2010	E01103100003	Berm	Gravel Bags	—	X	—	X
2M-SMA-1.9	Additional	n/a	E01103100004	Berm	Gravel Bags	—	X	X	—
2M-SMA-2	Additional	n/a	E01202040015	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-2	Baseline	12/13/2010	E01203090006	Berm	Curbing	—	X	X	—
2M-SMA-2	Enhanced	5/2/2013	E01205020014	Sediment Traps and Basins	Sediment Basin	—	X	—	X
2M-SMA-2.2	Baseline	11/1/2010	E01303090002	Berm	Curbing	—	—	X	—
2M-SMA-2.2	Baseline	11/1/2010	E01304020003	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	—	X
2M-SMA-2.2	Baseline	11/1/2010	E01306010004	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-2.2	Baseline	11/1/2010	E01306010005	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-2.5	Additional	n/a	E01502040006	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-2.5	Baseline	12/13/2010	E01503010004	Berm	Earthen Berm	—	X	X	—
2M-SMA-2.5	Baseline	12/13/2010	E01503010005	Berm	Earthen Berm	—	X	—	X
2M-SMA-3	Additional	n/a	E01402040013	Permanent Vegetation	Established Vegetation	X	—	—	X
2M-SMA-3	Enhanced	9/4/2015	E01403010028	Berm	Earthen Berm	—	X	—	X
2M-SMA-3	Enhanced	9/4/2015	E01403010029	Berm	Earthen Berm	—	X	—	X
2M-SMA-3	Additional	n/a	E01403060017	Berm	Straw Wattle	—	X	—	X
2M-SMA-3	Additional	n/a	E01403060021	Berm	Straw Wattle	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
2M-SMA-3	Enhanced	9/4/2015	E01403060030	Berm	Straw Wattle	—	X	—	X
2M-SMA-3	Enhanced	9/4/2015	E01403140022	Berm	Coir Log	—	X	—	X
2M-SMA-3	Enhanced	9/4/2015	E01403140023	Berm	Coir Log	—	X	—	X
2M-SMA-3	Enhanced	9/4/2015	E01403140024	Berm	Coir Log	—	X	—	X
2M-SMA-3	Additional	n/a	E01403140031	Berm	Coir Log	—	X	X	—
2M-SMA-3	Enhanced	9/4/2015	E01406010025	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-3	Enhanced	9/4/2015	E01406010026	Check Dam	Rock Check Dam	—	X	—	X
2M-SMA-3	Enhanced	9/4/2015	E01406010027	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.2	Additional	n/a	H00102040006	Permanent Vegetation	Established Vegetation	X	—	—	X
3M-SMA-0.2	Additional	n/a	H00103010005	Berm	Earthen Berm	—	X	X	—
3M-SMA-0.2	Baseline	11/1/2010	H00106010002	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.2	Additional	n/a	H00106010007	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.2	Additional	n/a	H00106010008	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.2	Additional	n/a	H00106010009	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.4	Additional	n/a	H00202040005	Permanent Vegetation	Established Vegetation	X	—	—	X
3M-SMA-0.4	Baseline	12/22/2010	H00203010003	Berm	Earthen Berm	—	X	—	X
3M-SMA-0.4	Additional	n/a	H00203010004	Berm	Earthen Berm	—	X	—	X
3M-SMA-0.4	Additional	n/a	H00203120008	Berm	Rock Berm	—	X	X	—
3M-SMA-0.4	Additional	n/a	H00203120009	Berm	Rock Berm	—	X	X	—
3M-SMA-0.4	Additional	n/a	H00203120010	Berm	Rock Berm	—	X	X	—
3M-SMA-0.4	Additional	n/a	H00203120011	Berm	Rock Berm	—	X	X	—
3M-SMA-0.4	Additional	n/a	H00203120012	Berm	Rock Berm	—	X	—	X
3M-SMA-0.4	Additional	n/a	H00203120013	Berm	Rock Berm	—	X	—	X
3M-SMA-0.4	Additional	n/a	H00205020007	Sediment Traps and Basins	Sediment Basin	—	X	—	X
3M-SMA-0.4	Additional	n/a	H00208020006	Cap	Rock Cap	X	—	—	—
3M-SMA-0.5	Additional	n/a	H00302040017	Permanent Vegetation	Established Vegetation	X	—	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00303010030	Berm	Earthen Berm	—	X	—	X
3M-SMA-0.5	Baseline	12/22/2010	H00304060001	Channel/Swale	Rip Rap	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
3M-SMA-0.5	Baseline	12/22/2010	H00304060004	Channel/Swale	Rip Rap	X	—	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00304060018	Channel/Swale	Rip Rap	X	—	—	X
3M-SMA-0.5	Baseline	12/22/2010	H00306010002	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Baseline	12/22/2010	H00306010005	Check Dam	Rock Check Dam	—	X	X	—
3M-SMA-0.5	Baseline	12/22/2010	H00306010006	Check Dam	Rock Check Dam	—	X	X	—
3M-SMA-0.5	Baseline	12/22/2010	H00306010012	Check Dam	Rock Check Dam	—	X	X	—
3M-SMA-0.5	Baseline	12/22/2010	H00306010016	Check Dam	Rock Check Dam	—	X	X	—
3M-SMA-0.5	Enhanced	10/28/2015	H00306010019	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010020	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010021	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010022	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010023	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010024	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010025	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010026	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010027	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010028	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.5	Enhanced	10/28/2015	H00306010029	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-0.6	Additional	n/a	H00402040029	Permanent Vegetation	Established Vegetation	X	—	—	X
3M-SMA-0.6	Baseline	12/22/2010	H00403060002	Berm	Straw Wattle	—	X	X	—
3M-SMA-0.6	Baseline	12/22/2010	H00403060003	Berm	Straw Wattle	—	X	X	—
3M-SMA-0.6	Baseline	12/22/2010	H00403060006	Berm	Straw Wattle	—	X	X	—
3M-SMA-0.6	Baseline	12/22/2010	H00403060008	Berm	Straw Wattle	—	X	X	—
3M-SMA-0.6	Baseline	12/22/2010	H00403060010	Berm	Straw Wattle	—	X	X	—
3M-SMA-0.6	Baseline	12/22/2010	H00403060011	Berm	Straw Wattle	—	X	—	X
3M-SMA-0.6	Baseline	12/22/2010	H00403060012	Berm	Straw Wattle	—	X	—	X
3M-SMA-0.6	Baseline	12/22/2010	H00403060015	Berm	Straw Wattle	—	X	X	—
3M-SMA-0.6	Baseline	12/22/2010	H00403060017	Berm	Straw Wattle	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
3M-SMA-0.6	Baseline	12/22/2010	H00403060018	Berm	Straw Wattle	—	X	—	X
3M-SMA-0.6	Baseline	12/22/2010	H00403060019	Berm	Straw Wattle	—	X	—	X
3M-SMA-0.6	Baseline	12/22/2010	H00403060021	Berm	Straw Wattle	—	X	—	X
3M-SMA-0.6	Baseline	12/22/2010	H00403060022	Berm	Straw Wattle	—	X	X	—
3M-SMA-0.6	Baseline	12/22/2010	H00403060027	Berm	Straw Wattle	—	X	—	X
3M-SMA-2.6	Additional	n/a	H00502040007	Permanent Vegetation	Established Vegetation	X	—	—	X
3M-SMA-2.6	Baseline	3/29/2011	H00503120005	Berm	Rock Berm	—	X	X	—
3M-SMA-2.6	Baseline	3/29/2011	H00504040003	Channel/Swale	Culvert	—	—	X	—
3M-SMA-2.6	Baseline	3/29/2011	H00506010006	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-4	Enhanced	10/28/2015	H00601010017	Seed and Mulch	Seed and Wood Mulch	X	—	—	X
3M-SMA-4	Additional	n/a	H00602040010	Permanent Vegetation	Established Vegetation	X	—	—	X
3M-SMA-4	Baseline	12/13/2010	H00603010007	Berm	Earthen Berm	—	X	—	X
3M-SMA-4	Baseline	12/13/2010	H00603010008	Berm	Earthen Berm	—	X	—	X
3M-SMA-4	Enhanced	10/28/2015	H00603010016	Berm	Earthen Berm	—	X	—	X
3M-SMA-4	Baseline	12/13/2010	H00604020009	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
3M-SMA-4	Baseline	12/13/2010	H00604060005	Channel/Swale	Rip Rap	X	—	X	—
3M-SMA-4	Baseline	12/13/2010	H00604060006	Channel/Swale	Rip Rap	X	—	—	X
3M-SMA-4	Enhanced	10/28/2015	H00604060013	Channel/Swale	Rip Rap	X	—	—	X
3M-SMA-4	Enhanced	10/28/2015	H00604060015	Channel/Swale	Rip Rap	X	—	—	X
3M-SMA-4	Enhanced	10/28/2015	H00606010011	Check Dam	Rock Check Dam	—	X	—	X
3M-SMA-4	Baseline	12/13/2010	H00607010002	Gabion	Gabions	—	X	X	—
3M-SMA-4	Enhanced	10/28/2015	H00607010012	Gabion	Gabion	—	X	—	X
3M-SMA-4	Enhanced	10/28/2015	H00607010014	Gabion	Gabion	—	X	—	X
3M-SMA-4	Enhanced	10/28/2015	H00608030018	Cap	Concrete/Asphalt Cap	—	X	—	X
ACID-SMA-1.05	Baseline	11/1/2010	P00103010005	Berm	Earthen Berm	—	X	—	X
ACID-SMA-1.05	Baseline	11/1/2010	P00103090003	Berm	Curbing	—	X	X	—
ACID-SMA-1.05	Baseline	11/1/2010	P00104040004	Channel/Swale	Culvert	X	—	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
ACID-SMA-2	Additional	n/a	P00202040018	Permanent Vegetation	Established Vegetation	X	—	—	X
ACID-SMA-2	Baseline	11/1/2010	P00206010013	Check Dam	Rock Check Dam	—	X	X	—
ACID-SMA-2.01	Additional	n/a	P002A02040007	Permanent Vegetation	Established Vegetation	X	—	—	X
ACID-SMA-2.01	Baseline	12/6/2010	P002A03010004	Berm	Earthen Berm	—	X	X	—
ACID-SMA-2.01	Additional	n/a	P002A03060009	Berm	Straw Wattle	—	X	—	X
ACID-SMA-2.01	Baseline	12/6/2010	P002A04060002	Channel/Swale	Rip Rap	X	—	X	—
ACID-SMA-2.1	Baseline	11/1/2010	P00302030012	Permanent Vegetation	Permanent Vegetation Vegetative Buffer Strip	X	X	—	X
ACID-SMA-2.1	Additional	n/a	P00302040019	Permanent Vegetation	Established Vegetation	X	—	—	X
ACID-SMA-2.1	Baseline	11/1/2010	P00303010009	Berm	Earthen Berm	—	X	X	—
ACID-SMA-2.1	Baseline	11/1/2010	P00304060011	Channel/Swale	Rip Rap	X	—	X	—
ACID-SMA-2.1	Baseline	11/1/2010	P00306010015	Check Dam	Rock Check Dam	—	X	X	—
A-SMA-1.1	Additional	n/a	A00102040006	Permanent Vegetation	Established Vegetation	X	—	—	X
A-SMA-1.1	Baseline	11/1/2010	A00103010005	Berm	Earthen Berm	—	X	X	—
A-SMA-2	Additional	n/a	A00202040017	Permanent Vegetation	Established Vegetation	X	—	—	X
A-SMA-2	Enhanced	8/10/2015	A00203010041	Berm	Earthen Berm	—	X	—	X
A-SMA-2	Enhanced	8/10/2015	A00203010042	Berm	Earthen Berm	—	X	X	—
A-SMA-2	Enhanced	8/10/2015	A00203010043	Berm	Earthen Berm	—	X	—	X
A-SMA-2	Enhanced	8/10/2015	A00203020051	Berm	Base Course Berm	—	X	—	X
A-SMA-2	Enhanced	8/10/2015	A00203150047	Berm	Redi-Rock Berm	—	X	X	—
A-SMA-2	Enhanced	8/10/2015	A00204040044	Channel/Swale	Culvert	X	—	X	—
A-SMA-2	Enhanced	8/10/2015	A00204040046	Channel/Swale	Culvert	X	—	X	—
A-SMA-2	Enhanced	8/10/2015	A00204040049	Channel/Swale	Culvert	X	—	X	—
A-SMA-2	Enhanced	8/10/2015	A00204050053	Channel/Swale	Water Bar	X	—	—	X
A-SMA-2	Baseline	1/12/2011	A00204060004	Channel/Swale	Rip Rap	X	—	—	X
A-SMA-2	Enhanced	8/10/2015	A00204080045	Channel/Swale	TRM-Lined Swale	X	—	X	—
A-SMA-2	Enhanced	8/10/2015	A00204080048	Channel/Swale	TRM-Lined Swale	X	—	X	—
A-SMA-2	Enhanced	8/10/2015	A00204080052	Channel/Swale	TRM-Lined Swale	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
A-SMA-2	Enhanced	8/10/2015	A00205020050	Sediment Traps and Basins	Sediment Basin	—	X	X	—
A-SMA-2.5	Additional	n/a	A00302040007	Permanent Vegetation	Established Vegetation	X	—	—	X
A-SMA-2.5	Baseline	1/12/2011	A00303010003	Berm	Earthen Berm	—	X	—	X
A-SMA-2.5	Additional	n/a	A00303060008	Berm	Straw Wattle	—	X	X	—
A-SMA-2.5	Additional	n/a	A00303060009	Berm	Straw Wattle	—	X	X	—
A-SMA-2.7	Additional	n/a	A00402040017	Permanent Vegetation	Established Vegetation	X	—	—	X
A-SMA-2.7	Enhanced	8/23/2012	A00403010013	Berm	Earthen Berm	—	X	—	X
A-SMA-2.7	Enhanced	8/23/2012	A00403010014	Berm	Earthen Berm	—	X	—	X
A-SMA-2.7	Enhanced	8/23/2012	A00403010015	Berm	Earthen Berm	—	X	—	X
A-SMA-2.7	Enhanced	8/23/2012	A00403010016	Berm	Earthen Berm	—	X	—	X
A-SMA-2.8	Additional	n/a	A00501010004	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
A-SMA-2.8	Baseline	1/12/2011	A00503010002	Berm	Earthen Berm	—	X	—	X
A-SMA-2.8	Additional	n/a	A00508020005	Cap	Rock Cap	X	—	—	X
A-SMA-3	Additional	n/a	A00602040018	Permanent Vegetation	Established Vegetation	X	—	X	—
A-SMA-3	Enhanced	9/4/2015	A00603020023	Berm	Base Course Berm	X	—	X	—
A-SMA-3	Additional	n/a	A00603120017	Berm	Rock Berm	—	X	—	X
A-SMA-3	Enhanced	9/4/2015	A00603140026	Berm	Coir Log	—	X	X	—
A-SMA-3	Enhanced	9/4/2015	A00603150027	Berm	Redi-Rock Berm	—	X	—	X
A-SMA-3	Enhanced	9/4/2015	A00604010022	Channel/Swale	Earthen Channel/Swale	X	—	X	—
A-SMA-3	Enhanced	9/4/2015	A00604030025	Channel/Swale	Rock Channel/Swale	X	—	—	X
A-SMA-3	Enhanced	9/4/2015	A00604060024	Channel/Swale	Rip Rap	X	—	X	—
A-SMA-3	Baseline	11/1/2010	A00606010010	Check Dam	Rock Check Dam	—	X	X	—
A-SMA-3	Baseline	11/1/2010	A00606010011	Check Dam	Rock Check Dam	—	X	X	—
A-SMA-3	Additional	n/a	A00606010014	Check Dam	Rock Check Dam	—	X	X	—
A-SMA-3	Additional	n/a	A00606010019	Check Dam	Rock Check Dam	—	X	X	—
A-SMA-3	Enhanced	9/4/2015	A00606010028	Check Dam	Rock Check Dam	—	X	X	—
A-SMA-3	Enhanced	9/4/2015	A00608020029	Cap	Rock Cap	—	—	—	—
A-SMA-3.5	Additional	n/a	A00702040003	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
A-SMA-3.5	Baseline	1/12/2011	A00703060002	Berm	Straw Wattle	—	X	—	X
A-SMA-3.5	Additional	n/a	A00703060004	Berm	Straw Wattle	—	X	X	—
A-SMA-4	Additional	n/a	A00802040010	Permanent Vegetation	Established Vegetation	X	—	—	X
A-SMA-4	Baseline	1/12/2011	A00803010007	Berm	Earthen Berm	—	—	X	—
A-SMA-4	Additional	n/a	A00803010009	Berm	Earthen Berm	—	X	—	X
A-SMA-4	Baseline	1/12/2011	A00806010003	Check Dam	Rock Check Dam	—	X	X	—
A-SMA-4	Baseline	1/12/2011	A00806010004	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Additional	n/a	A00902040023	Permanent Vegetation	Established Vegetation	X	—	—	X
A-SMA-6	Baseline	1/12/2011	A00903010021	Berm	Earthen Berm	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00904020007	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	—	X
A-SMA-6	Baseline	1/12/2011	A00904060005	Channel/Swale	Rip Rap	X	—	—	X
A-SMA-6	Baseline	1/12/2011	A00906010008	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010009	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010010	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010011	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010012	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010013	Check Dam	Rock Check Dam	—	X	X	—
A-SMA-6	Baseline	1/12/2011	A00906010014	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010015	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010016	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010017	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010018	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010019	Check Dam	Rock Check Dam	—	X	—	X
A-SMA-6	Baseline	1/12/2011	A00906010020	Check Dam	Rock Check Dam	—	X	—	X
B-SMA-0.5	Additional	n/a	B00102040012	Permanent Vegetation	Established Vegetation	X	—	—	X
B-SMA-0.5	Baseline	12/8/2010	B00103010006	Berm	Earthen Berm	—	X	X	—
B-SMA-0.5	Baseline	12/8/2010	B00103010007	Berm	Earthen Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
B-SMA-0.5	Additional	n/a	B00103060010	Berm	Straw Wattle	—	X	X	—
B-SMA-0.5	Additional	n/a	B00103060013	Berm	Straw Wattle	—	X	—	X
B-SMA-0.5	Additional	n/a	B00103140014	Berm	Coir Log	—	X	X	—
B-SMA-0.5	Baseline	12/8/2010	B00104010005	Channel/Swale	Earthen Channel/Swale	X	—	X	—
B-SMA-0.5	Baseline	12/8/2010	B00104040003	Channel/Swale	Culvert	X	—	X	—
B-SMA-0.5	Additional	n/a	B00104060009	Channel/Swale	Rip Rap	X	—	X	—
B-SMA-0.5	Baseline	12/8/2010	B00106010008	Check Dam	Rock Check Dam	—	X	—	X
B-SMA-1	Additional	n/a	B00202040008	Permanent Vegetation	Established Vegetation	X	—	—	X
B-SMA-1	Baseline	12/6/2010	B00206010003	Check Dam	Rock Check Dam	—	X	X	—
B-SMA-1	Baseline	12/6/2010	B00206010004	Check Dam	Rock Check Dam	—	X	X	—
B-SMA-1	Baseline	12/6/2010	B00206010005	Check Dam	Rock Check Dam	—	X	—	X
B-SMA-1	Baseline	12/6/2010	B00206010006	Check Dam	Rock Check Dam	—	X	—	X
B-SMA-1	Baseline	12/6/2010	B00206010007	Check Dam	Rock Check Dam	—	X	—	X
CDB-SMA-0.15	Additional	n/a	C00102040015	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-0.15	Additional	n/a	C00103010013	Berm	Earthen Berm	—	X	—	X
CDB-SMA-0.15	Additional	n/a	C00103060019	Berm	Straw Wattle	—	X	X	—
CDB-SMA-0.15	Additional	n/a	C00103060020	Berm	Straw Wattle	—	X	X	—
CDB-SMA-0.15	Additional	n/a	C00103060021	Berm	Straw Wattle	—	X	X	—
CDB-SMA-0.15	Baseline	11/1/2010	C00103120009	Berm	Rock Berm	—	X	X	—
CDB-SMA-0.15	Baseline	11/1/2010	C00106030003	Check Dam	Juniper Bales	—	X	X	—
CDB-SMA-0.15	Baseline	11/1/2010	C00106030005	Check Dam	Juniper Bales	—	X	—	X
CDB-SMA-0.15	Baseline	11/1/2010	C00106030006	Check Dam	Juniper Bales	—	X	—	X
CDB-SMA-0.15	Baseline	11/1/2010	C00106030007	Check Dam	Juniper Bales	—	X	—	X
CDB-SMA-0.25	Additional	n/a	C00202040019	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-0.25	Baseline	11/1/2010	C00203010013	Berm	Earthen Berm	—	X	—	X
CDB-SMA-0.25	Enhanced	7/20/2012	C00203010017	Berm	Earthen Berm	—	X	—	X
CDB-SMA-0.25	Enhanced	7/20/2012	C00203010018	Berm	Earthen Berm	—	X	—	X
CDB-SMA-0.25	Baseline	11/1/2010	C00204060009	Channel/Swale	Rip Rap	X	—	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDB-SMA-0.55	Additional	n/a	C00302040021	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-0.55	Baseline	12/13/2010	C00303010011	Berm	Earthen Berm	—	X	—	X
CDB-SMA-0.55	Baseline	12/13/2010	C00306010006	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-0.55	Baseline	12/13/2010	C00306010013	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-0.55	Baseline	12/13/2010	C00306010015	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-0.55	Baseline	12/13/2010	C00306010016	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-0.55	Baseline	12/13/2010	C00306010017	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-0.55	Baseline	12/13/2010	C00306010018	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-0.55	Baseline	12/13/2010	C00306010019	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-0.55	Baseline	12/13/2010	C00306010020	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-1	Additional	n/a	C00402040015	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-1	Enhanced	9/4/2015	C00403010016	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1	Enhanced	9/4/2015	C00403010017	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1	Baseline	12/22/2010	C00404060006	Channel/Swale	Rip Rap	X	—	X	—
CDB-SMA-1	Baseline	12/22/2010	C00404060008	Channel/Swale	Rip Rap	—	X	—	X
CDB-SMA-1	Baseline	12/22/2010	C00404060009	Channel/Swale	Rip Rap	—	X	X	—
CDB-SMA-1	Baseline	12/22/2010	C00406010004	Check Dam	Rock Check Dam	—	X	—	X
CDB-SMA-1	Baseline	12/22/2010	C00406010010	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-1	Baseline	12/22/2010	C00406010011	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-1	Baseline	12/22/2010	C00406010012	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-1	Baseline	12/22/2010	C00406010013	Check Dam	Rock Check Dam	—	X	—	X
CDB-SMA-1.15	Additional	n/a	C00502040011	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-1.15	Baseline	11/1/2010	C00503010006	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1.15	Baseline	11/1/2010	C00504060007	Channel/Swale	Rip Rap	X	—	X	—
CDB-SMA-1.15	Baseline	11/1/2010	C00504060008	Channel/Swale	Rip Rap	X	—	X	—
CDB-SMA-1.35	Additional	n/a	C00602040010	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-1.35	Baseline	11/1/2010	C00603010006	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1.35	Baseline	11/1/2010	C00604060009	Channel/Swale	Rip Rap	X	—	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDB-SMA-1.54	Additional	n/a	C00702040020	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-1.54	Baseline	11/1/2010	C00703010007	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1.54	Baseline	11/1/2010	C00703010008	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1.54	Baseline	11/1/2010	C00703010009	Berm	Earthen Berm	—	X	X	—
CDB-SMA-1.54	Additional	n/a	C00703010019	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1.54	Additional	n/a	C00703140022	Berm	Coir Log	—	X	—	X
CDB-SMA-1.54	Additional	n/a	C00703140023	Berm	Coir Log	—	X	—	X
CDB-SMA-1.54	Additional	n/a	C00703140024	Berm	Coir Log	—	X	—	X
CDB-SMA-1.54	Additional	n/a	C00703140025	Berm	Coir Log	—	X	—	X
CDB-SMA-1.54	Baseline	11/1/2010	C00704050014	Channel/Swale	Water Bar	X	—	—	—
CDB-SMA-1.54	Additional	n/a	C00704050021	Channel/Swale	Water Bar	X	—	—	—
CDB-SMA-1.54	Baseline	11/1/2010	C00704060006	Channel/Swale	Rip Rap	X	—	—	X
CDB-SMA-1.54	Baseline	11/1/2010	C00706020015	Check Dam	Log Check Dam	—	X	—	X
CDB-SMA-1.54	Baseline	11/1/2010	C00706020016	Check Dam	Log Check Dam	—	X	—	X
CDB-SMA-1.55	Additional	n/a	C00802040012	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-1.55	Baseline	11/1/2010	C00803010010	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1.55	Additional	n/a	C00803060013	Berm	Straw Wattle	—	X	—	X
CDB-SMA-1.55	Baseline	11/1/2010	C00803120009	Berm	Rock Berm	—	X	X	—
CDB-SMA-1.65	Additional	n/a	C00903010004	Berm	Earthen Berm	—	X	—	X
CDB-SMA-1.65	Baseline	11/1/2010	C00904010002	Channel/Swale	Earthen Channel/Swale	X	—	X	—
CDB-SMA-1.65	Baseline	11/1/2010	C00904060001	Channel/Swale	Rip Rap	X	—	X	—
CDB-SMA-4	Additional	n/a	C01002040012	Permanent Vegetation	Established Vegetation	X	—	—	X
CDB-SMA-4	Baseline	11/16/2010	C01004020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	—	X
CDB-SMA-4	Baseline	11/16/2010	C01004060007	Channel/Swale	Rip Rap	X	—	—	X
CDB-SMA-4	Baseline	11/16/2010	C01005010004	Sediment Traps and Basins	Sediment Trap	—	X	—	X
CDB-SMA-4	Baseline	11/16/2010	C01006010006	Check Dam	Rock Check Dam	—	X	—	X
CDB-SMA-4	Baseline	11/16/2010	C01006010008	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDB-SMA-4	Baseline	11/16/2010	C01006010009	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-4	Baseline	11/16/2010	C01006010010	Check Dam	Rock Check Dam	—	X	X	—
CDB-SMA-4	Baseline	11/16/2010	C01006010011	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.2	Additional	n/a	V00102040012	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-1.2	Baseline	12/15/2010	V00103020008	Berm	Base Course Berm	—	X	—	X
CDV-SMA-1.2	Additional	n/a	V00103060009	Berm	Straw Wattle	—	X	X	—
CDV-SMA-1.2	Additional	n/a	V00103060011	Berm	Straw Wattle	—	X	X	—
CDV-SMA-1.2	Additional	n/a	V00103060013	Berm	Straw Wattle	—	X	X	—
CDV-SMA-1.2	Baseline	12/15/2010	V00104060001	Channel/Swale	Rip Rap	X	—	—	X
CDV-SMA-1.2	Baseline	12/15/2010	V00106010007	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.3	Additional	n/a	V00202040003	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-1.3	Baseline	12/15/2010	V00203020002	Berm	Base Course Berm	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00302040069	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-1.4	Additional	n/a	V00303010066	Berm	Earthen Berm	—	X	X	—
CDV-SMA-1.4	Enhanced	5/12/2014	V00303010070	Berm	Earthen Berm	—	X	X	—
CDV-SMA-1.4	Enhanced	5/12/2014	V00303010071	Berm	Earthen Berm	—	X	—	X
CDV-SMA-1.4	Enhanced	5/12/2014	V00303010072	Berm	Earthen Berm	—	X	—	X
CDV-SMA-1.4	Baseline	12/15/2010	V00303020017	Berm	Base Course Berm	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00303060077	Berm	Straw Wattle	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00303060080	Berm	Straw Wattle	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00303060083	Berm	Straw Wattle	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00303060085	Berm	Straw Wattle	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00303060086	Berm	Straw Wattle	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00303120087	Berm	Rock Berm	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00305020068	Sediment Traps and Basins	Sediment Basin	—	X	X	—
CDV-SMA-1.4	Enhanced	5/12/2014	V00305020073	Sediment Traps and Basins	Sediment Basin	—	X	X	—
CDV-SMA-1.4	Enhanced	5/12/2014	V00305020074	Sediment Traps and Basins	Sediment Basin	—	X	X	—
CDV-SMA-1.4	Enhanced	5/12/2014	V00305020075	Sediment Traps and Basins	Sediment Basin	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDV-SMA-1.4	Enhanced	5/12/2014	V00305020076	Sediment Traps and Basins	Sediment Basin	—	X	X	—
CDV-SMA-1.4	Baseline	12/15/2010	V00306010012	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010039	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010040	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010043	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00306010057	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.4	Additional	n/a	V00306010058	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010059	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010060	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010061	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010062	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010063	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010064	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.4	Additional	n/a	V00306010065	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.45	Additional	n/a	V00402040005	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-1.45	Enhanced	7/18/2012	V00403010004	Berm	Earthen Berm	—	X	—	X
CDV-SMA-1.7	Additional	n/a	V00502040016	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-1.7	Enhanced	9/4/2015	V00503010027	Berm	Earthen Berm	—	X	—	X
CDV-SMA-1.7	Enhanced	9/4/2015	V00503010028	Berm	Earthen Berm	—	X	—	X
CDV-SMA-1.7	Enhanced	9/4/2015	V00503060025	Berm	Straw Wattle	—	X	—	X
CDV-SMA-1.7	Additional	n/a	V00503060032	Berm	Straw Wattle	—	X	—	X
CDV-SMA-1.7	Enhanced	9/4/2015	V00504010018	Channel/Swale	Earthen Channel/Swale	X	—	X	—
CDV-SMA-1.7	Enhanced	9/4/2015	V00504040017	Channel/Swale	Culvert	X	—	X	—
CDV-SMA-1.7	Baseline	12/22/2010	V00504060015	Channel/Swale	Rip Rap	X	—	—	—
CDV-SMA-1.7	Enhanced	9/4/2015	V00504060026	Channel/Swale	Rip Rap	X	—	—	—
CDV-SMA-1.7	Baseline	12/22/2010	V00506010006	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.7	Baseline	12/22/2010	V00506010008	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.7	Baseline	12/22/2010	V00506010009	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDV-SMA-1.7	Baseline	12/22/2010	V00506010010	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.7	Baseline	12/22/2010	V00506010013	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.7	Baseline	12/22/2010	V00506010014	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.7	Enhanced	9/4/2015	V00506010019	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.7	Enhanced	9/4/2015	V00506010020	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.7	Enhanced	9/4/2015	V00506010022	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-1.7	Enhanced	9/4/2015	V00506010029	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.7	Enhanced	9/4/2015	V00506010030	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.7	Enhanced	9/4/2015	V00506010031	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-1.7	Enhanced	9/4/2015	V00506020023	Check Dam	Log Check Dam	—	X	—	X
CDV-SMA-2	Additional	n/a	V00602040013	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-2	Baseline	4/26/2011	V00603010006	Berm	Earthen Berm	—	X	—	X
CDV-SMA-2	Baseline	4/26/2011	V00603010007	Berm	Earthen Berm	—	X	X	—
CDV-SMA-2	Baseline	4/26/2011	V00603010008	Berm	Earthen Berm	—	X	X	—
CDV-SMA-2	Baseline	4/26/2011	V00603010009	Berm	Earthen Berm	—	X	X	—
CDV-SMA-2	Baseline	4/26/2011	V00603010010	Berm	Earthen Berm	—	X	X	—
CDV-SMA-2	Baseline	4/26/2011	V00603090001	Berm	Curbing	—	X	X	—
CDV-SMA-2	Baseline	4/26/2011	V00604060003	Channel/Swale	Rip Rap	X	—	—	X
CDV-SMA-2	Baseline	4/26/2011	V00606010002	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2	Baseline	4/26/2011	V00608020012	Cap	Rock Cap	X	—	—	X
CDV-SMA-2.3	Additional	n/a	V00702040021	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-2.3	Additional	n/a	V00703010027	Berm	Earthen Berm	—	X	—	X
CDV-SMA-2.3	Additional	n/a	V00703060028	Berm	Straw Wattle	—	X	—	X
CDV-SMA-2.3	Additional	n/a	V00703060030	Berm	Straw Wattle	—	X	—	X
CDV-SMA-2.3	Additional	n/a	V00703060031	Berm	Straw Wattle	—	X	X	—
CDV-SMA-2.3	Additional	n/a	V00703120026	Berm	Rock Berm	—	X	—	X
CDV-SMA-2.3	Additional	n/a	V00706010019	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.3	Additional	n/a	V00706010020	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDV-SMA-2.3	Additional	n/a	V00706010024	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.3	Additional	n/a	V00706010025	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.3	Baseline	12/15/2010	V00707010002	Gabion	Gabions	—	X	—	X
CDV-SMA-2.41	Additional	n/a	V00802040015	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-2.41	Enhanced	6/27/2014	V00803010013	Berm	Earthen Berm	—	X	—	X
CDV-SMA-2.41	Enhanced	6/27/2014	V00804010014	Channel/Swale	Earthen Channel/Swale	X	—	X	—
CDV-SMA-2.41	Baseline	12/15/2010	V00804040011	Channel/Swale	Culvert	X	—	X	—
CDV-SMA-2.41	Baseline	12/15/2010	V00804060010	Channel/Swale	Rip Rap	X	—	X	—
CDV-SMA-2.41	Enhanced	6/27/2014	V00806010012	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.42	Enhanced	9/28/2015	V008A01030022	Seed and Mulch	Hydromulch	X	—	—	—
CDV-SMA-2.42	Additional	n/a	V008A02040020	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-2.42	Enhanced	9/28/2015	V008A03010021	Berm	Earthen Berm	—	X	—	X
CDV-SMA-2.42	Enhanced	9/28/2015	V008A03010024	Berm	Earthen Berm	—	X	X	—
CDV-SMA-2.42	Enhanced	9/28/2015	V008A04040023	Channel/Swale	Culvert	X	—	—	—
CDV-SMA-2.42	Additional	n/a	V008A04050025	Channel/Swale	Water Bar	X	—	X	—
CDV-SMA-2.42	Baseline	12/15/2010	V008A04060002	Channel/Swale	Rip Rap	X	—	—	X
CDV-SMA-2.42	Baseline	12/15/2010	V008A04060005	Channel/Swale	Rip Rap	X	—	—	X
CDV-SMA-2.42	Additional	n/a	V008A04060018	Channel/Swale	Rip Rap	X	—	X	—
CDV-SMA-2.42	Additional	n/a	V008A04060019	Channel/Swale	Rip Rap	X	—	—	X
CDV-SMA-2.42	Baseline	12/15/2010	V008A06010004	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.42	Additional	n/a	V008A06010017	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.42	Baseline	12/15/2010	V008A07010003	Gabion	Gabions	—	X	—	X
CDV-SMA-2.5	Additional	n/a	V00902040036	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-2.5	Baseline	12/15/2010	V00903010011	Berm	Earthen Berm	—	X	—	X
CDV-SMA-2.5	Additional	n/a	V00903010043	Berm	Earthen Berm	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00903120034	Berm	Rock Berm	—	X	—	X
CDV-SMA-2.5	Additional	n/a	V00903120035	Berm	Rock Berm	—	X	—	X
CDV-SMA-2.5	Additional	n/a	V00903120038	Berm	Rock Berm	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDV-SMA-2.5	Additional	n/a	V00903120039	Berm	Rock Berm	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00903120040	Berm	Rock Berm	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00903120041	Berm	Rock Berm	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00903120042	Berm	Rock Berm	—	X	—	X
CDV-SMA-2.5	Baseline	12/15/2010	V00904060005	Channel/Swale	Rip Rap	X	—	X	—
CDV-SMA-2.5	Baseline	12/15/2010	V00904060006	Channel/Swale	Rip Rap	X	—	—	X
CDV-SMA-2.5	Baseline	12/15/2010	V00904060007	Channel/Swale	Rip Rap	X	—	X	—
CDV-SMA-2.5	Baseline	12/15/2010	V00904060009	Channel/Swale	Rip Rap	X	—	X	—
CDV-SMA-2.5	Additional	n/a	V00906010029	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00906010030	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00906010031	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00906010033	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00906010044	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00906010045	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.5	Additional	n/a	V00906010046	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.5	Additional	n/a	V00906010047	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00906010048	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.5	Additional	n/a	V00906010049	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.5	Additional	n/a	V00906010050	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.51	Additional	n/a	V009A02040029	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-2.51	Baseline	12/15/2010	V009A03020005	Berm	Base Course Berm	—	X	X	—
CDV-SMA-2.51	Baseline	12/15/2010	V009A03020012	Berm	Base Course Berm	—	X	X	—
CDV-SMA-2.51	Additional	n/a	V009A03060030	Berm	Straw Wattle	—	X	X	—
CDV-SMA-2.51	Additional	n/a	V009A03060031	Berm	Straw Wattle	—	X	X	—
CDV-SMA-2.51	Baseline	12/15/2010	V009A06010003	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.51	Baseline	12/15/2010	V009A06010004	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.51	Baseline	12/15/2010	V009A06010006	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.51	Baseline	12/15/2010	V009A06010013	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDV-SMA-2.51	Baseline	12/15/2010	V009A06010014	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.51	Baseline	12/15/2010	V009A06010015	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-2.51	Baseline	12/15/2010	V009A06010016	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-2.51	Baseline	12/15/2010	V009A06030017	Check Dam	Juniper Bales	—	X	X	—
CDV-SMA-3	Additional	n/a	V01002040013	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-3	Enhanced	7/18/2012	V01003010010	Berm	Earthen Berm	—	X	—	X
CDV-SMA-3	Enhanced	7/18/2012	V01003010011	Berm	Earthen Berm	—	X	—	X
CDV-SMA-3	Baseline	1/12/2011	V01003120005	Berm	Rock Berm	—	X	X	—
CDV-SMA-3	Baseline	1/12/2011	V01003120009	Berm	Rock Berm	—	X	—	X
CDV-SMA-3	Baseline	1/12/2011	V01004060007	Channel/Swale	Rip Rap	X	—	X	—
CDV-SMA-3	Baseline	1/12/2011	V01006010004	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-4	Additional	n/a	V01102040010	Permanent Vegetation	Established Vegetation	X	—	—	—
CDV-SMA-4	Additional	n/a	V01103010008	Berm	Earthen Berm	—	X	—	X
CDV-SMA-4	Additional	n/a	V01104060007	Channel/Swale	Rip Rap	X	—	X	—
CDV-SMA-4	Additional	n/a	V01104060011	Channel/Swale	Rip Rap	X	—	—	—
CDV-SMA-4	Additional	n/a	V01106010009	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-6.01	Additional	n/a	V01201030019	Seed and Mulch	Hydromulch	X	—	—	—
CDV-SMA-6.01	Additional	n/a	V01202040013	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-6.01	Additional	n/a	V01203010016	Berm	Earthen Berm	—	X	—	X
CDV-SMA-6.01	Enhanced	10/15/2015	V01203010017	Berm	Earthen Berm	—	X	X	—
CDV-SMA-6.01	Enhanced	10/15/2015	V01203010018	Berm	Earthen Berm	—	X	—	X
CDV-SMA-6.01	Baseline	1/12/2011	V01203020003	Berm	Base Course Berm	—	X	—	X
CDV-SMA-6.01	Additional	n/a	V01203060015	Berm	Straw Wattle	—	X	X	—
CDV-SMA-6.01	Additional	n/a	V01203060020	Berm	Straw Wattle	—	X	X	—
CDV-SMA-6.01	Additional	n/a	V01203060021	Berm	Straw Wattle	—	X	—	X
CDV-SMA-6.01	Additional	n/a	V01206010022	Check Dam	Rock Check Dam	—	X	—	X
CDV-SMA-6.02	Enhanced	7/18/2012	V012A01010005	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
CDV-SMA-6.02	Enhanced	7/18/2012	V012A03010004	Berm	Earthen Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDV-SMA-6.02	Enhanced	7/18/2012	V012A03010006	Berm	Earthen Berm	—	X	—	X
CDV-SMA-6.02	Additional	n/a	V012A03060008	Berm	Straw Wattle	—	X	—	X
CDV-SMA-6.02	Additional	n/a	V012A03140009	Berm	Coir Log	—	X	—	X
CDV-SMA-7	Additional	n/a	V01302040008	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-7	Baseline	12/15/2010	V01303010006	Berm	Earthen Berm	—	X	X	—
CDV-SMA-7	Baseline	12/15/2010	V01303010007	Berm	Earthen Berm	—	X	—	X
CDV-SMA-7	Enhanced	9/4/2015	V01303140010	Berm	Coir Log	—	X	—	X
CDV-SMA-7	Enhanced	9/4/2015	V01303140011	Berm	Coir Log	—	X	—	X
CDV-SMA-7	Enhanced	9/4/2015	V01303140012	Berm	Coir Log	—	X	—	X
CDV-SMA-7	Enhanced	9/4/2015	V01303140013	Berm	Coir Log	—	X	X	—
CDV-SMA-7	Enhanced	9/4/2015	V01304010015	Channel/Swale	Earthen Channel/Swale	X	—	X	—
CDV-SMA-7	Additional	n/a	V01304040009	Channel/Swale	Culvert	X	—	X	—
CDV-SMA-7	Enhanced	9/4/2015	V01306010014	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-7	Additional	n/a	V01306010016	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-7	Additional	n/a	V01306010017	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-7	Additional	n/a	V01306010018	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-7	Additional	n/a	V01306010019	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-8	Additional	n/a	V01402040009	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-8	Additional	n/a	V01403010008	Berm	Earthen Berm	—	X	X	—
CDV-SMA-8	Additional	n/a	V01403010012	Berm	Earthen Berm	—	X	X	—
CDV-SMA-8	Baseline	12/22/2010	V01406010003	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-8	Baseline	12/22/2010	V01406010004	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-8	Additional	n/a	V01406010010	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-8	Additional	n/a	V01406010011	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-8	Additional	n/a	V01406010013	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-8	Additional	n/a	V01406010014	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-8	Additional	n/a	V01406010015	Check Dam	Rock Check Dam	—	X	X	—
CDV-SMA-8.5	Additional	n/a	V01502040006	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CDV-SMA-8.5	Baseline	12/15/2010	V01503010004	Berm	Earthen Berm	—	X	—	X
CDV-SMA-8.5	Baseline	12/15/2010	V01503010005	Berm	Earthen Berm	—	X	X	—
CDV-SMA-9.05	Additional	n/a	V01602040005	Permanent Vegetation	Established Vegetation	X	—	—	X
CDV-SMA-9.05	Baseline	12/22/2010	V01603010002	Berm	Earthen Berm	—	X	—	X
CDV-SMA-9.05	Baseline	12/22/2010	V01603010003	Berm	Earthen Berm	—	X	—	X
CDV-SMA-9.05	Baseline	12/22/2010	V01603010004	Berm	Earthen Berm	—	X	X	—
CDV-SMA-9.05	Additional	n/a	V01603140006	Berm	Coir Log	—	X	—	X
CHQ-SMA-0.5	Additional	n/a	Q00102040008	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-0.5	Enhanced	10/28/2015	Q00103010010	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-0.5	Enhanced	10/28/2015	Q00103010011	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-0.5	Enhanced	10/28/2015	Q00103140009	Berm	Coir Log	—	X	—	X
CHQ-SMA-0.5	Baseline	1/12/2011	Q00104050006	Channel/Swale	Water Bar	—	X	X	—
CHQ-SMA-0.5	Baseline	1/12/2011	Q00104050007	Channel/Swale	Water Bar	—	X	X	—
CHQ-SMA-0.5	Baseline	1/12/2011	Q00106010003	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-0.5	Baseline	1/12/2011	Q00106010004	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-0.5	Baseline	1/12/2011	Q00106010005	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-1.01	Additional	n/a	Q00202040008	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-1.01	Additional	n/a	Q00203060009	Berm	Straw Wattle	—	X	X	—
CHQ-SMA-1.01	Additional	n/a	Q00203060011	Berm	Straw Wattle	—	X	X	—
CHQ-SMA-1.01	Additional	n/a	Q00203060012	Berm	Straw Wattle	—	X	—	X
CHQ-SMA-1.01	Additional	n/a	Q00203060013	Berm	Straw Wattle	—	X	—	X
CHQ-SMA-1.01	Additional	n/a	Q00203060014	Berm	Straw Wattle	—	X	X	—
CHQ-SMA-1.02	Enhanced	10/23/2012	Q002A03010010	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-1.02	Enhanced	10/23/2012	Q002A03010011	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-1.02	Enhanced	10/23/2012	Q002A03010012	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-1.02	Enhanced	10/23/2012	Q002A03010013	Berm	Earthen Berm	—	X	X	—
CHQ-SMA-1.02	Enhanced	9/4/2015	Q002A03150014	Berm	Redi-Rock Berm	—	X	—	X
CHQ-SMA-1.02	Baseline	1/12/2011	Q002A06010002	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CHQ-SMA-1.02	Baseline	1/12/2011	Q002A06010003	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-1.02	Baseline	1/12/2011	Q002A06010007	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-1.02	Baseline	1/12/2011	Q002A06010009	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-1.02	Baseline	1/12/2011	Q002A08030004	Cap	Concrete/Asphalt Cap	X	—	—	—
CHQ-SMA-1.03	Additional	n/a	Q002B02040012	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-1.03	Enhanced	5/13/2014	Q002B03150013	Berm	Redi-Rock Berm	—	X	—	X
CHQ-SMA-1.03	Baseline	1/12/2011	Q002B04060006	Channel/Swale	Rip Rap	X	—	X	—
CHQ-SMA-1.03	Baseline	1/12/2011	Q002B04060007	Channel/Swale	Rip Rap	X	—	—	X
CHQ-SMA-1.03	Baseline	1/12/2011	Q002B04060010	Channel/Swale	Rip Rap	X	—	—	X
CHQ-SMA-1.03	Baseline	1/12/2011	Q002B06010004	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-1.03	Baseline	1/12/2011	Q002B06010008	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-1.03	Baseline	1/12/2011	Q002B06010011	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-1.03	Baseline	1/12/2011	Q002B08030003	Cap	Concrete/Asphalt Cap	X	—	—	X
CHQ-SMA-2	Additional	n/a	Q00302040023	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00303010030	Berm	Earthen Berm	—	X	X	—
CHQ-SMA-2	Enhanced	10/28/2015	Q00303020028	Berm	Base Course Berm	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00303020029	Berm	Base Course Berm	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00303020053	Berm	Base Course Berm	—	X	X	—
CHQ-SMA-2	Enhanced	10/28/2015	Q00303020054	Berm	Base Course Berm	—	X	X	—
CHQ-SMA-2	Baseline	1/12/2011	Q00303040015	Berm	Asphalt Berm	—	X	X	—
CHQ-SMA-2	Enhanced	10/28/2015	Q00303140031	Berm	Coir Log	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00303140032	Berm	Coir Log	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00303140033	Berm	Coir Log	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00303140034	Berm	Coir Log	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010035	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010036	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010037	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010038	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010039	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010040	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010041	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010042	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010043	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010044	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010045	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010046	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010047	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010048	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Additional	n/a	Q00306010049	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010050	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010051	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-2	Enhanced	10/28/2015	Q00306010052	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-3.05	Enhanced	8/10/2015	Q00401030016	Seed and Mulch	Hydromulch	X	—	—	—
CHQ-SMA-3.05	Additional	n/a	Q00402040009	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-3.05	Enhanced	8/10/2015	Q00403010015	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-3.05	Baseline	1/12/2011	Q00403060002	Berm	Straw Wattle	—	X	X	—
CHQ-SMA-3.05	Enhanced	8/10/2015	Q00403120014	Berm	Rock Berm	—	X	—	X
CHQ-SMA-3.05	Enhanced	8/10/2015	Q00403140010	Berm	Coir Log	—	X	X	—
CHQ-SMA-3.05	Enhanced	8/10/2015	Q00403140011	Berm	Coir Log	—	X	—	X
CHQ-SMA-3.05	Enhanced	8/10/2015	Q00403140012	Berm	Coir Log	—	X	X	—
CHQ-SMA-3.05	Enhanced	8/10/2015	Q00403140013	Berm	Coir Log	—	X	—	X
CHQ-SMA-4	Additional	n/a	Q00502040019	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-4	Additional	n/a	Q00503010020	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-4	Baseline	1/12/2011	Q00503060006	Berm	Straw Wattle	—	X	X	—
CHQ-SMA-4	Additional	n/a	Q00503140021	Berm	Coir Log	—	X	X	—
CHQ-SMA-4	Additional	n/a	Q00503140022	Berm	Coir Log	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CHQ-SMA-4	Baseline	1/12/2011	Q00506010003	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-4	Baseline	1/12/2011	Q00506010004	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-4	Baseline	1/12/2011	Q00506010005	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-4.1	Additional	n/a	Q00602040008	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-4.1	Additional	n/a	Q00603060009	Berm	Straw Wattle	—	X	X	—
CHQ-SMA-4.1	Additional	n/a	Q00603060010	Berm	Straw Wattle	—	X	X	—
CHQ-SMA-4.1	Baseline	1/12/2011	Q00606010002	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-4.1	Baseline	1/12/2011	Q00606010003	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-4.5	Additional	n/a	Q00702040010	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-4.5	Additional	n/a	Q00703010009	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-4.5	Additional	n/a	Q00703060014	Berm	Straw Wattle	—	X	—	X
CHQ-SMA-4.5	Additional	n/a	Q00703140017	Berm	Coir Log	—	X	—	X
CHQ-SMA-4.5	Additional	n/a	Q00703140018	Berm	Coir Log	—	X	—	X
CHQ-SMA-4.5	Additional	n/a	Q00703140019	Berm	Coir Log	—	X	—	X
CHQ-SMA-4.5	Baseline	1/12/2011	Q00706010002	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-4.5	Baseline	1/12/2011	Q00706010003	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-5.05	Additional	n/a	Q00802040008	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-5.05	Baseline	11/1/2010	Q00803020006	Berm	Base Course Berm	—	X	—	X
CHQ-SMA-5.05	Baseline	11/1/2010	Q00804060002	Channel/Swale	Rip Rap	X	—	—	X
CHQ-SMA-5.05	Baseline	11/1/2010	Q00804060005	Channel/Swale	Rip Rap	X	—	X	—
CHQ-SMA-5.05	Baseline	11/1/2010	Q00804060007	Channel/Swale	Rip Rap	X	—	—	X
CHQ-SMA-5.05	Baseline	11/1/2010	Q00806010003	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-6	Additional	n/a	Q00902040036	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-6	Baseline	1/12/2011	Q00903010017	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-6	Enhanced	8/10/2015	Q00903010041	Berm	Earthen Berm	—	X	—	X
CHQ-SMA-6	Additional	n/a	Q00903060035	Berm	Straw Wattle	—	X	—	X
CHQ-SMA-6	Additional	n/a	Q00903060040	Berm	Straw Wattle	—	X	—	X
CHQ-SMA-6	Additional	n/a	Q00903120030	Berm	Rock Berm	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
CHQ-SMA-6	Additional	n/a	Q00903120031	Berm	Rock Berm	—	X	X	—
CHQ-SMA-6	Additional	n/a	Q00903120032	Berm	Rock Berm	—	X	X	—
CHQ-SMA-6	Enhanced	8/10/2015	Q00903150043	Berm	Redi-Rock Berm	—	X	X	—
CHQ-SMA-6	Baseline	1/12/2011	Q00906010001	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-6	Baseline	1/12/2011	Q00906010007	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-6	Baseline	1/12/2011	Q00906010008	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-6	Baseline	1/12/2011	Q00906010011	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Baseline	1/12/2011	Q00906010018	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Baseline	1/12/2011	Q00906010021	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-6	Baseline	1/12/2011	Q00906010022	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-6	Baseline	1/12/2011	Q00906010023	Check Dam	Rock Check Dam	—	X	—	X
CHQ-SMA-6	Baseline	1/12/2011	Q00906010024	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Baseline	1/12/2011	Q00906010025	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Baseline	1/12/2011	Q00906010026	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Baseline	1/12/2011	Q00906010027	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Additional	n/a	Q00906010037	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Additional	n/a	Q00906010038	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Additional	n/a	Q00906010039	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-6	Enhanced	8/10/2015	Q00906010042	Check Dam	Rock Check Dam	—	X	X	—
CHQ-SMA-7.1	Additional	n/a	Q01002040012	Permanent Vegetation	Established Vegetation	X	—	—	X
CHQ-SMA-7.1	Additional	n/a	Q01003010010	Berm	Earthen Berm	—	X	X	—
CHQ-SMA-7.1	Additional	n/a	Q01003010011	Berm	Earthen Berm	—	X	X	—
CHQ-SMA-7.1	Baseline	1/12/2011	Q01006010003	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-0.3	Additional	n/a	D00102040025	Permanent Vegetation	Established Vegetation	X	—	—	X
DP-SMA-0.3	Enhanced	7/8/2013	D00103010022	Berm	Earthen Berm	—	X	X	—
DP-SMA-0.3	Enhanced	7/8/2013	D00103010023	Berm	Earthen Berm	—	X	—	X
DP-SMA-0.3	Baseline	3/29/2011	D00103020011	Berm	Base Course Berm	—	X	—	X
DP-SMA-0.3	Baseline	3/29/2011	D00103120013	Berm	Rock Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
DP-SMA-0.3	Enhanced	7/8/2013	D00103120020	Berm	Rock Berm	—	X	X	—
DP-SMA-0.3	Enhanced	7/8/2013	D00103120021	Berm	Rock Berm	—	X	—	X
DP-SMA-0.3	Baseline	3/29/2011	D00106010008	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-0.3	Baseline	3/29/2011	D00106010009	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-0.3	Enhanced	7/8/2013	D00106010016	Check Dam	Rock Check Dam	—	X	X	—
DP-SMA-0.3	Enhanced	7/8/2013	D00106010017	Check Dam	Rock Check Dam	—	X	X	—
DP-SMA-0.3	Enhanced	7/8/2013	D00106010018	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-0.3	Enhanced	7/8/2013	D00106010019	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-0.3	Enhanced	7/8/2013	D00106010024	Check Dam	Rock Check Dam	—	X	X	—
DP-SMA-0.3	Baseline	3/29/2011	D00107010001	Gabion	Gabions	—	X	—	X
DP-SMA-0.3	Baseline	3/29/2011	D00107020006	Gabion	Gabion Blanket	X	—	X	—
DP-SMA-0.4	Additional	n/a	D00202040009	Permanent Vegetation	Established Vegetation	X	—	—	X
DP-SMA-0.4	Baseline	12/7/2010	D00203060005	Berm	Straw Wattle	—	X	X	—
DP-SMA-0.4	Additional	n/a	D00203060008	Berm	Straw Wattle	—	X	—	X
DP-SMA-0.4	Additional	n/a	D00203060010	Berm	Straw Wattle	—	X	X	—
DP-SMA-0.4	Baseline	12/7/2010	D00204040003	Channel/Swale	Culvert	X	—	X	—
DP-SMA-0.4	Baseline	12/7/2010	D00204060006	Channel/Swale	Rip Rap	—	X	X	—
DP-SMA-0.4	Baseline	12/7/2010	D00206030004	Check Dam	Juniper Bales	—	X	X	—
DP-SMA-0.6	Additional	n/a	D00302040015	Permanent Vegetation	Established Vegetation	X	—	—	X
DP-SMA-0.6	Baseline	3/29/2011	D00303010013	Berm	Earthen Berm	—	X	—	X
DP-SMA-0.6	Baseline	3/29/2011	D00303010014	Berm	Earthen Berm	—	X	—	X
DP-SMA-0.6	Baseline	3/29/2011	D00303020011	Berm	Base Course Berm	—	X	X	—
DP-SMA-0.6	Baseline	3/29/2011	D00304010004	Channel/Swale	Earthen Channel/Swale	X	—	X	—
DP-SMA-0.6	Baseline	3/29/2011	D00304040005	Channel/Swale	Culvert	X	—	X	—
DP-SMA-0.6	Baseline	3/29/2011	D00305020010	Sediment Traps and Basins	Sediment Basin	—	X	—	X
DP-SMA-0.6	Baseline	3/29/2011	D00308020012	Cap	Rock Cap	X	—	—	—
DP-SMA-1	Additional	n/a	D00402040015	Permanent Vegetation	Established Vegetation	X	—	—	X
DP-SMA-1	Baseline	12/7/2010	D00403010002	Berm	Earthen Berm	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
DP-SMA-1	Additional	n/a	D00403010011	Berm	Earthen Berm	—	X	—	X
DP-SMA-1	Additional	n/a	D00403020014	Berm	Base Course Berm	—	X	X	—
DP-SMA-1	Additional	n/a	D00403060013	Berm	Straw Wattle	—	X	X	—
DP-SMA-1	Baseline	12/7/2010	D00403120009	Berm	Rock Berm	—	X	—	X
DP-SMA-1	Additional	n/a	D00403120012	Berm	Rock Berm	—	X	—	X
DP-SMA-1	Additional	n/a	D00404060016	Channel/Swale	Rip Rap	X	—	X	—
DP-SMA-1	Baseline	12/7/2010	D00406030006	Check Dam	Juniper Bales	—	X	—	X
DP-SMA-1	Baseline	12/7/2010	D00406030007	Check Dam	Juniper Bales	—	X	—	X
DP-SMA-1	Baseline	12/7/2010	D00406030008	Check Dam	Juniper Bales	—	X	—	X
DP-SMA-2	Additional	n/a	D00502040012	Permanent Vegetation	Established Vegetation	X	—	—	X
DP-SMA-2	Additional	n/a	D00503010011	Berm	Earthen Berm	—	X	—	X
DP-SMA-2	Baseline	11/1/2010	D00503020003	Berm	Base Course Berm	—	X	X	—
DP-SMA-2	Baseline	11/1/2010	D00506030007	Check Dam	Juniper Bales	—	X	—	X
DP-SMA-2	Baseline	11/1/2010	D00506030009	Check Dam	Juniper Bales	—	X	—	X
DP-SMA-2.35	Additional	n/a	D00602040007	Permanent Vegetation	Established Vegetation	X	—	—	X
DP-SMA-2.35	Baseline	12/7/2010	D00603020002	Berm	Base Course Berm	—	X	—	X
DP-SMA-2.35	Additional	n/a	D00603060008	Berm	Straw Wattle	—	X	—	X
DP-SMA-2.35	Baseline	12/7/2010	D00604060004	Channel/Swale	Rip Rap	X	—	—	X
DP-SMA-3	Additional	n/a	D00702040023	Permanent Vegetation	Established Vegetation	X	—	—	X
DP-SMA-3	Enhanced	8/30/2012	D00703010016	Berm	Earthen Berm	—	X	—	X
DP-SMA-3	Enhanced	8/30/2012	D00703010017	Berm	Earthen Berm	—	X	—	X
DP-SMA-3	Enhanced	8/30/2012	D00703010018	Berm	Earthen Berm	—	X	—	X
DP-SMA-3	Enhanced	8/30/2012	D00703010019	Berm	Earthen Berm	—	X	—	X
DP-SMA-3	Enhanced	8/30/2012	D00703010020	Berm	Earthen Berm	—	X	—	X
DP-SMA-3	Enhanced	8/30/2012	D00703010021	Berm	Earthen Berm	—	X	—	X
DP-SMA-3	Enhanced	8/30/2012	D00703010022	Berm	Earthen Berm	—	X	—	X
DP-SMA-3	Baseline	1/12/2011	D00703120015	Berm	Rock Berm	—	X	—	X
DP-SMA-3	Baseline	1/12/2011	D00706010008	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
DP-SMA-3	Baseline	1/12/2011	D00706010009	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-3	Baseline	1/12/2011	D00706010010	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-3	Baseline	1/12/2011	D00706010011	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-3	Baseline	1/12/2011	D00706010012	Check Dam	Rock Check Dam	—	X	—	X
DP-SMA-4	Baseline	12/7/2010	D00801010002	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
DP-SMA-4	Additional	n/a	D00802040009	Permanent Vegetation	Established Vegetation	X	—	—	X
DP-SMA-4	Baseline	12/7/2010	D00803010006	Berm	Earthen Berm	—	X	X	—
DP-SMA-4	Baseline	12/7/2010	D00803010007	Berm	Earthen Berm	—	X	—	X
DP-SMA-4	Additional	n/a	D00806010008	Check Dam	Rock Check Dam	—	X	X	—
F-SMA-2	Additional	n/a	F00102040018	Permanent Vegetation	Established Vegetation	X	—	—	X
F-SMA-2	Additional	n/a	F00103010017	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Additional	n/a	F00103010024	Berm	Earthen Berm	—	X	X	—
F-SMA-2	Enhanced	9/28/2015	F00103010025	Berm	Earthen Berm	—	X	X	—
F-SMA-2	Enhanced	9/28/2015	F00103010026	Berm	Earthen Berm	—	X	X	—
F-SMA-2	Enhanced	9/28/2015	F00103010027	Berm	Earthen Berm	—	X	X	—
F-SMA-2	Enhanced	9/28/2015	F00103010028	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Enhanced	9/28/2015	F00103010029	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Enhanced	9/28/2015	F00103010030	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Enhanced	9/28/2015	F00103010031	Berm	Earthen Berm	—	X	X	—
F-SMA-2	Additional	n/a	F00103010035	Berm	Earthen Berm	—	X	X	—
F-SMA-2	Enhanced	9/28/2015	F00103010036	Berm	Earthen Berm	—	X	X	—
F-SMA-2	Enhanced	9/28/2015	F00103010037	Berm	Earthen Berm	—	X	X	—
F-SMA-2	Enhanced	9/28/2015	F00103010039	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Enhanced	9/28/2015	F00103010040	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Enhanced	9/28/2015	F00103010041	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Enhanced	9/28/2015	F00103010042	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Enhanced	9/28/2015	F00103010043	Berm	Earthen Berm	—	X	—	X
F-SMA-2	Enhanced	9/28/2015	F00103010044	Berm	Earthen Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
F-SMA-2	Additional	n/a	F00103120019	Berm	Rock Berm	—	X	X	—
F-SMA-2	Additional	n/a	F00103120020	Berm	Rock Berm	—	X	X	—
F-SMA-2	Enhanced	9/28/2015	F00103120021	Berm	Rock Berm	—	X	—	—
F-SMA-2	Enhanced	9/28/2015	F00103120023	Berm	Rock Berm	—	X	—	X
F-SMA-2	Baseline	12/22/2010	F00104010001	Channel/Swale	Earthen Channel/Swale	X	—	X	—
F-SMA-2	Enhanced	9/28/2015	F00104010038	Channel/Swale	Earthen Channel/Swale	X	—	X	—
F-SMA-2	Enhanced	9/28/2015	F00104050032	Channel/Swale	Water Bar	X	—	—	—
F-SMA-2	Enhanced	9/28/2015	F00104050033	Channel/Swale	Water Bar	X	—	—	—
F-SMA-2	Enhanced	9/28/2015	F00104060034	Channel/Swale	Rip Rap	X	—	—	—
F-SMA-2	Enhanced	9/28/2015	F00105060022	Sediment Traps and Basins	Infiltration Basin	—	X	—	X
LA-SMA-0.85	Additional	n/a	L00102040009	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-0.85	Enhanced	10/23/2012	L00103010008	Berm	Earthen Berm	—	X	—	X
LA-SMA-0.85	Baseline	11/1/2010	L00103090006	Berm	Curbing	—	X	X	—
LA-SMA-0.85	Additional	n/a	L00106010010	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-0.85	Baseline	11/1/2010	L00107010004	Gabion	Gabions	—	X	—	X
LA-SMA-0.9	Additional	n/a	L00202040020	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-0.9	Additional	n/a	L00203010022	Berm	Earthen Berm	—	X	—	X
LA-SMA-0.9	Additional	n/a	L00203010023	Berm	Earthen Berm	—	X	—	X
LA-SMA-0.9	Additional	n/a	L00203010024	Berm	Earthen Berm	—	X	—	X
LA-SMA-0.9	Additional	n/a	L00203010027	Berm	Earthen Berm	—	X	X	—
LA-SMA-0.9	Baseline	12/9/2010	L00203090002	Berm	Curbing	—	X	X	—
LA-SMA-0.9	Baseline	12/9/2010	L00203090003	Berm	Curbing	—	X	X	—
LA-SMA-0.9	Baseline	12/9/2010	L00204040004	Channel/Swale	Culvert	X	—	X	—
LA-SMA-0.9	Additional	n/a	L00204040026	Channel/Swale	Culvert	X	—	X	—
LA-SMA-1	Additional	n/a	L00302040025	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-1	Enhanced	11/27/2012	L00303010019	Berm	Earthen Berm	—	X	—	X
LA-SMA-1	Additional	n/a	L00303060016	Berm	Straw Wattle	—	X	X	—
LA-SMA-1	Additional	n/a	L00303060026	Berm	Straw Wattle	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-1	Additional	n/a	L00303100015	Berm	Gravel Bags	—	X	X	—
LA-SMA-1	Additional	n/a	L00303120018	Berm	Rock Berm	—	X	—	X
LA-SMA-1	Additional	n/a	L00303120027	Berm	Rock Berm	—	X	—	X
LA-SMA-1	Baseline	12/9/2010	L00304020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
LA-SMA-1	Enhanced	11/27/2012	L00304030020	Channel/Swale	Rock Channel/Swale	X	—	X	—
LA-SMA-1	Baseline	12/9/2010	L00304040004	Channel/Swale	Culvert	X	—	X	—
LA-SMA-1	Enhanced	11/27/2012	L00304040021	Channel/Swale	Culvert	X	—	X	—
LA-SMA-1	Enhanced	11/27/2012	L00304060022	Channel/Swale	Rip Rap	X	—	X	—
LA-SMA-1	Additional	n/a	L00304060023	Channel/Swale	Rip Rap	X	—	X	—
LA-SMA-1	Additional	n/a	L00304060024	Channel/Swale	Rip Rap	X	—	X	—
LA-SMA-1.1	Additional	n/a	L00402040007	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-1.1	Baseline	12/8/2010	L00404060003	Channel/Swale	Rip Rap	X	—	—	X
LA-SMA-1.1	Additional	n/a	L00404060005	Channel/Swale	Rip Rap	X	—	X	—
LA-SMA-1.1	Baseline	12/8/2010	L00406010004	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-1.25	Additional	n/a	L00502040008	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-1.25	Enhanced	8/30/2012	L00503010007	Berm	Earthen Berm	—	X	—	X
LA-SMA-1.25	Baseline	11/1/2010	L00503020001	Berm	Base Course Berm	—	X	X	—
LA-SMA-10.11	Baseline	12/8/2010	L03004060003	Channel/Swale	Rip Rap	X	—	—	X
LA-SMA-10.11	Baseline	12/8/2010	L03004060009	Channel/Swale	Rip Rap	X	—	—	X
LA-SMA-10.11	Baseline	12/8/2010	L03006010001	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-10.12	Additional	n/a	L030A02040032	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-10.12	Additional	n/a	L030A03010025	Berm	Earthen Berm	—	X	—	X
LA-SMA-10.12	Enhanced	11/30/2012	L030A03010026	Berm	Earthen Berm	—	X	X	—
LA-SMA-10.12	Enhanced	11/30/2012	L030A03010027	Berm	Earthen Berm	—	X	—	X
LA-SMA-10.12	Enhanced	11/30/2012	L030A03060028	Berm	Straw Wattle	—	X	X	—
LA-SMA-10.12	Enhanced	11/30/2012	L030A03060029	Berm	Straw Wattle	—	X	—	X
LA-SMA-10.12	Baseline	4/26/2011	L030A03120005	Berm	Rock Berm	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-10.12	Baseline	4/26/2011	L030A03120006	Berm	Rock Berm	—	X	X	—
LA-SMA-10.12	Baseline	4/26/2011	L030A03120009	Berm	Rock Berm	—	X	—	X
LA-SMA-10.12	Baseline	4/26/2011	L030A03120012	Berm	Rock Berm	—	X	X	—
LA-SMA-10.12	Baseline	4/26/2011	L030A03120015	Berm	Rock Berm	—	X	—	X
LA-SMA-10.12	Baseline	4/26/2011	L030A03120016	Berm	Rock Berm	—	X	—	X
LA-SMA-10.12	Baseline	4/26/2011	L030A03120017	Berm	Rock Berm	—	X	X	—
LA-SMA-10.12	Baseline	4/26/2011	L030A03120019	Berm	Rock Berm	—	X	X	—
LA-SMA-10.12	Baseline	4/26/2011	L030A03120020	Berm	Rock Berm	—	X	—	X
LA-SMA-10.12	Baseline	4/26/2011	L030A03120021	Berm	Rock Berm	—	X	—	X
LA-SMA-10.12	Enhanced	11/30/2012	L030A03120030	Berm	Rock Berm	—	X	—	X
LA-SMA-10.12	Baseline	4/26/2011	L030A04060007	Channel/Swale	Rip Rap	X	—	—	X
LA-SMA-10.12	Baseline	4/26/2011	L030A06010001	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-10.12	Baseline	4/26/2011	L030A06010002	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-10.12	Baseline	4/26/2011	L030A06010003	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-10.12	Baseline	4/26/2011	L030A06010008	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-10.12	Baseline	4/26/2011	L030A06010011	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-2.1	Additional	n/a	L00601060009	Seed and Mulch	Erosion Control Blanket	X	—	—	—
LA-SMA-2.1	Enhanced	9/25/2014	L00601060015	Seed and Mulch	Erosion Control Blanket	X	—	—	—
LA-SMA-2.1	Enhanced	9/25/2014	L00602030017	Permanent Vegetation	Permanent Vegetation Vegetative Buffer Strip	X	X	—	X
LA-SMA-2.1	Additional	n/a	L00602040011	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-2.1	Enhanced	9/25/2014	L00603060012	Berm	Straw Wattle	—	X	—	X
LA-SMA-2.1	Enhanced	9/25/2014	L00603060013	Berm	Straw Wattle	—	X	—	X
LA-SMA-2.1	Baseline	4/26/2011	L00603080002	Berm	Retaining Wall	—	X	X	—
LA-SMA-2.1	Enhanced	9/25/2014	L00603140014	Berm	Coir Log	—	X	—	X
LA-SMA-2.1	Additional	n/a	L00604010010	Channel/Swale	Earthen Channel/Swale	X	—	X	—
LA-SMA-2.1	Baseline	4/26/2011	L00604060006	Channel/Swale	Rip Rap	X	—	—	X
LA-SMA-2.1	Enhanced	9/25/2014	L00605020016	Sediment Traps and Basins	Sediment Basin	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-2.3	Additional	n/a	L00702040006	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-2.3	Additional	n/a	L00703060008	Berm	Straw Wattle	—	X	—	X
LA-SMA-2.3	Baseline	12/8/2010	L00703080002	Berm	Retaining Wall	—	X	X	—
LA-SMA-3.1	Additional	n/a	L00802040007	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-3.1	Additional	n/a	L00803140009	Berm	Coir Log	—	X	—	X
LA-SMA-3.1	Baseline	11/1/2010	L00804040004	Channel/Swale	Culvert	X	—	X	—
LA-SMA-3.9	Additional	n/a	L00902040005	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-3.9	Additional	n/a	L00903060004	Berm	Straw Wattle	—	X	—	X
LA-SMA-3.9	Baseline	12/8/2010	L00904040002	Channel/Swale	Culvert	X	—	X	—
LA-SMA-4.1	Additional	n/a	L01002040010	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-4.1	Baseline	11/1/2010	L01004060004	Channel/Swale	Rip Rap	X	—	X	—
LA-SMA-4.1	Baseline	11/1/2010	L01004060005	Channel/Swale	Rip Rap	X	—	X	—
LA-SMA-4.1	Additional	n/a	L01006010009	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-4.2	Additional	n/a	L01102040008	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-4.2	Baseline	11/1/2010	L01104050003	Channel/Swale	Water Bar	X	—	X	—
LA-SMA-4.2	Baseline	11/1/2010	L01104050004	Channel/Swale	Water Bar	X	—	X	—
LA-SMA-4.2	Baseline	11/1/2010	L01104050006	Channel/Swale	Water Bar	X	—	X	—
LA-SMA-4.2	Baseline	11/1/2010	L01104050007	Channel/Swale	Water Bar	X	—	X	—
LA-SMA-4.2	Baseline	11/1/2010	L01106010002	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-4.2	Baseline	11/1/2010	L01106010005	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-5.01	Additional	n/a	L01202040012	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.01	Baseline	12/8/2010	L01203010004	Berm	Earthen Berm	—	X	—	X
LA-SMA-5.01	Baseline	12/8/2010	L01203010007	Berm	Earthen Berm	—	X	X	—
LA-SMA-5.01	Additional	n/a	L01203060013	Berm	Straw Wattle	—	X	X	—
LA-SMA-5.01	Additional	n/a	L01203060024	Berm	Straw Wattle	—	X	—	X
LA-SMA-5.01	Additional	n/a	L01203060025	Berm	Straw Wattle	—	X	X	—
LA-SMA-5.01	Additional	n/a	L01203100023	Berm	Gravel Bags	—	X	X	—
LA-SMA-5.01	Baseline	12/16/2010	L01203120010	Berm	Rock Berm	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-5.01	Baseline	12/16/2010	L01204050008	Channel/Swale	Water Bar	X	—	X	—
LA-SMA-5.01	Baseline	12/16/2010	L01204050009	Channel/Swale	Water Bar	X	—	X	—
LA-SMA-5.01	Baseline	12/8/2010	L01204060006	Channel/Swale	Rip Rap	X	—	—	X
LA-SMA-5.02	Additional	n/a	L012A02040012	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.02	Additional	n/a	L012A03060019	Berm	Straw Wattle	—	X	—	X
LA-SMA-5.02	Additional	n/a	L012A03060020	Berm	Straw Wattle	—	X	—	X
LA-SMA-5.02	Additional	n/a	L012A03060023	Berm	Straw Wattle	—	X	—	X
LA-SMA-5.02	Additional	n/a	L012A03090022	Berm	Curbing	—	X	X	—
LA-SMA-5.2	Additional	n/a	L01302040005	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.2	Additional	n/a	L01306020006	Check Dam	Log Check Dam	—	X	—	X
LA-SMA-5.2	Additional	n/a	L01306020007	Check Dam	Log Check Dam	—	X	—	X
LA-SMA-5.31	Additional	n/a	L01501010015	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
LA-SMA-5.31	Additional	n/a	L01503010012	Berm	Earthen Berm	—	X	X	—
LA-SMA-5.31	Enhanced	7/27/2012	L01503120010	Berm	Rock Berm	—	X	X	—
LA-SMA-5.31	Enhanced	7/27/2012	L01503120011	Berm	Rock Berm	—	X	—	X
LA-SMA-5.31	Additional	n/a	L01504040014	Channel/Swale	Culvert	X	—	—	—
LA-SMA-5.31	Additional	n/a	L01504060013	Channel/Swale	Rip Rap	X	—	X	—
LA-SMA-5.33	Additional	n/a	L01602040014	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.33	Enhanced	7/30/2012	L01603010009	Berm	Earthen Berm	—	X	X	—
LA-SMA-5.35	Enhanced	11/27/2012	L01408030010	Cap	Concrete/Asphalt Cap	X	—	X	—
LA-SMA-5.35	Enhanced	11/27/2012	L01408030014	Cap	Concrete/Asphalt Cap	X	—	—	X
LA-SMA-5.35	Enhanced	11/27/2012	L01408040011	Cap	Metal Cap	X	—	X	—
LA-SMA-5.35	Enhanced	11/27/2012	L01408040012	Cap	Metal Cap	X	—	X	—
LA-SMA-5.35	Enhanced	11/27/2012	L01408040013	Cap	Metal Cap	X	—	X	—
LA-SMA-5.361	Additional	n/a	L01702040010	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.361	Additional	n/a	L01703020012	Berm	Base Course Berm	—	X	X	—
LA-SMA-5.361	Additional	n/a	L01706010009	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-5.361	Additional	n/a	L01708020013	Cap	Rock Cap	X	—	—	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-5.362	Additional	n/a	L017A02040010	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.362	Additional	n/a	L017A03020012	Berm	Base Course Berm	—	X	X	—
LA-SMA-5.362	Baseline	3/29/2011	L017A06010006	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-5.362	Additional	n/a	L017A08020013	Cap	Rock Cap	X	—	—	—
LA-SMA-5.51	Additional	n/a	L01802040009	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.51	Enhanced	6/27/2014	L01803010010	Berm	Earthen Berm	—	X	—	X
LA-SMA-5.51	Enhanced	6/27/2014	L01803010011	Berm	Earthen Berm	—	X	—	X
LA-SMA-5.51	Enhanced	6/27/2014	L01803010012	Berm	Earthen Berm	—	X	—	X
LA-SMA-5.51	Baseline	3/29/2011	L01807010003	Gabion	Gabions	X	—	—	X
LA-SMA-5.52	Baseline	3/29/2011	L018A01010006	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A01060021	Seed and Mulch	Erosion Control Blanket	X	—	—	—
LA-SMA-5.52	Additional	n/a	L018A02040007	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.52	Enhanced	10/28/2015	L018A03010009	Berm	Earthen Berm	—	X	—	X
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140011	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140012	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140013	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140014	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140015	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140016	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140017	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140018	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A03140019	Berm	Coir Log	—	X	X	—
LA-SMA-5.52	Additional	n/a	L018A04030008	Channel/Swale	Rock Channel/Swale	X	—	X	—
LA-SMA-5.52	Enhanced	10/28/2015	L018A06010010	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-5.52	Enhanced	10/28/2015	L018A06010020	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.53	Baseline	3/29/2011	L018B01010003	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
LA-SMA-5.53	Additional	n/a	L018B02040007	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.53	Baseline	3/29/2011	L018B03010002	Berm	Earthen Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-5.53	Baseline	3/29/2011	L018B03060004	Berm	Straw Wattle	—	X	X	—
LA-SMA-5.53	Additional	n/a	L018B03060008	Berm	Straw Wattle	—	X	X	—
LA-SMA-5.53	Additional	n/a	L018B03060009	Berm	Straw Wattle	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C02040033	Permanent Vegetation	Established Vegetation	X	—	—	—
LA-SMA-5.54	Baseline	3/29/2011	L018C03010002	Berm	Earthen Berm	—	X	X	—
LA-SMA-5.54	Enhanced	9/25/2014	L018C03010014	Berm	Earthen Berm	—	X	—	X
LA-SMA-5.54	Enhanced	9/25/2014	L018C03010015	Berm	Earthen Berm	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C03120024	Berm	Rock Berm	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C03140020	Berm	Coir Log	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C03140021	Berm	Coir Log	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C03140022	Berm	Coir Log	—	X	X	—
LA-SMA-5.54	Enhanced	9/25/2014	L018C03140026	Berm	Coir Log	—	X	—	X
LA-SMA-5.54	Additional	n/a	L018C03140028	Berm	Coir Log	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C03140029	Berm	Coir Log	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C03140030	Berm	Coir Log	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C03140031	Berm	Coir Log	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C03140032	Berm	Coir Log	—	X	X	—
LA-SMA-5.54	Enhanced	9/25/2014	L018C04030013	Channel/Swale	Rock Channel/Swale	X	—	X	—
LA-SMA-5.54	Additional	n/a	L018C04080016	Channel/Swale	TRM-Lined Swale	X	—	X	—
LA-SMA-5.54	Additional	n/a	L018C06010017	Check Dam	Rock Check Dam	—	—	—	—
LA-SMA-5.54	Additional	n/a	L018C06010018	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C06010019	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.54	Additional	n/a	L018C06010023	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.91	Additional	n/a	L01902040010	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-5.91	Enhanced	7/8/2013	L01905020015	Sediment Traps and Basins	Sediment Basin	—	X	X	—
LA-SMA-5.91	Enhanced	7/8/2013	L01906020013	Check Dam	Log Check Dam	—	X	—	X
LA-SMA-5.91	Enhanced	7/8/2013	L01906020014	Check Dam	Log Check Dam	—	X	—	X
LA-SMA-5.92	Additional	n/a	L019A02040007	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-5.92	Enhanced	10/28/2015	L019A03010020	Berm	Earthen Berm	—	X	X	X
LA-SMA-5.92	Enhanced	10/28/2015	L019A03020012	Berm	Base Course Berm	X	—	X	—
LA-SMA-5.92	Enhanced	10/28/2015	L019A03030021	Berm	Log Berm	—	X	—	X
LA-SMA-5.92	Enhanced	10/28/2015	L019A03030022	Berm	Log Berm	—	X	—	X
LA-SMA-5.92	Additional	n/a	L019A03140008	Berm	Coir Log	—	X	—	X
LA-SMA-5.92	Enhanced	10/28/2015	L019A04010019	Channel/Swale	Earthen Channel/Swale	X	—	X	—
LA-SMA-5.92	Enhanced	10/28/2015	L019A04060011	Channel/Swale	Rip Rap	X	—	—	X
LA-SMA-5.92	Enhanced	10/28/2015	L019A04060013	Channel/Swale	Rip Rap	X	—	—	X
LA-SMA-5.92	Baseline	11/1/2010	L019A05020006	Sediment Traps and Basins	Sediment Basin	—	X	—	X
LA-SMA-5.92	Enhanced	10/28/2015	L019A06010014	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.92	Enhanced	10/28/2015	L019A06010015	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.92	Enhanced	10/28/2015	L019A06010016	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.92	Enhanced	10/28/2015	L019A06010017	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.92	Enhanced	10/28/2015	L019A06010018	Check Dam	Rock Check Dam	—	X	X	—
LA-SMA-5.92	Additional	n/a	L019A06020009	Check Dam	Log Check Dam	—	X	—	X
LA-SMA-5.92	Additional	n/a	L019A06020010	Check Dam	Log Check Dam	—	X	—	X
LA-SMA-6.25	Additional	n/a	L02002040007	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.25	Baseline	11/1/2010	L02003040002	Berm	Asphalt Berm	—	X	X	—
LA-SMA-6.25	Additional	n/a	L02003060011	Berm	Straw Wattle	—	X	—	X
LA-SMA-6.25	Additional	n/a	L02003060012	Berm	Straw Wattle	—	X	—	X
LA-SMA-6.25	Additional	n/a	L02006010013	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-6.27	Additional	n/a	L02102040011	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.27	Baseline	11/1/2010	L02103040001	Berm	Asphalt Berm	—	X	X	—
LA-SMA-6.27	Additional	n/a	L02103060018	Berm	Straw Wattle	—	X	—	X
LA-SMA-6.27	Additional	n/a	L02103060020	Berm	Straw Wattle	—	X	—	X
LA-SMA-6.27	Additional	n/a	L02106010015	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-6.27	Additional	n/a	L02106010016	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-6.27	Additional	n/a	L02106010017	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-6.3	Additional	n/a	L02202040009	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.3	Baseline	12/7/2010	L02203040005	Berm	Asphalt Berm	—	X	X	—
LA-SMA-6.3	Baseline	12/7/2010	L02206010001	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-6.3	Additional	n/a	L02206010010	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-6.31	Additional	n/a	L022A02040008	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.31	Baseline	12/7/2010	L022A03040002	Berm	Asphalt Berm	—	X	X	—
LA-SMA-6.31	Baseline	12/7/2010	L022A06010005	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-6.32	Additional	n/a	L02302040006	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.32	Baseline	12/7/2010	L02303040002	Berm	Asphalt Berm	—	X	X	—
LA-SMA-6.32	Baseline	12/7/2010	L02303060003	Berm	Straw Wattle	—	X	—	X
LA-SMA-6.32	Additional	n/a	L02303060005	Berm	Straw Wattle	—	X	—	X
LA-SMA-6.34	Additional	n/a	L02402040006	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.34	Baseline	12/7/2010	L02403040003	Berm	Asphalt Berm	—	X	X	—
LA-SMA-6.34	Baseline	12/7/2010	L02406010005	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-6.36	Additional	n/a	L02502040010	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.36	Baseline	12/7/2010	L02503010008	Berm	Earthen Berm	—	X	—	X
LA-SMA-6.36	Baseline	12/7/2010	L02503010009	Berm	Earthen Berm	—	X	X	—
LA-SMA-6.36	Baseline	12/7/2010	L02503090004	Berm	Curbing	—	X	X	—
LA-SMA-6.36	Additional	n/a	L02503100011	Berm	Gravel Bags	—	X	X	—
LA-SMA-6.38	Additional	n/a	L02602040011	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.38	Additional	n/a	L02603060009	Berm	Straw Wattle	—	X	X	—
LA-SMA-6.38	Additional	n/a	L02603060010	Berm	Straw Wattle	—	X	X	—
LA-SMA-6.38	Additional	n/a	L02603060012	Berm	Straw Wattle	—	X	—	X
LA-SMA-6.38	Baseline	12/7/2010	L02604060006	Channel/Swale	Rip Rap	X	—	X	—
LA-SMA-6.395	Additional	n/a	L02702040008	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-6.395	Baseline	12/7/2010	L02703010004	Berm	Earthen Berm	—	X	—	X
LA-SMA-6.395	Baseline	12/7/2010	L02703010005	Berm	Earthen Berm	—	X	X	—
LA-SMA-6.5	Additional	n/a	L02802040008	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
LA-SMA-6.5	Baseline	12/7/2010	L02803010004	Berm	Earthen Berm	—	X	X	—
LA-SMA-6.5	Baseline	12/16/2010	L02803010006	Berm	Earthen Berm	—	X	X	—
LA-SMA-6.5	Baseline	12/7/2010	L02806010002	Check Dam	Rock Check Dam	—	X	—	X
LA-SMA-9	Additional	n/a	L02902040015	Permanent Vegetation	Established Vegetation	X	—	—	X
LA-SMA-9	Baseline	3/29/2011	L02903010012	Berm	Earthen Berm	—	X	—	X
LA-SMA-9	Baseline	3/29/2011	L02903010013	Berm	Earthen Berm	—	X	—	X
LA-SMA-9	Baseline	3/29/2011	L02903010014	Berm	Earthen Berm	—	X	—	X
LA-SMA-9	Additional	n/a	L02903020019	Berm	Base Course Berm	—	X	X	—
LA-SMA-9	Additional	n/a	L02903020020	Berm	Base Course Berm	—	X	X	—
LA-SMA-9	Additional	n/a	L02903020021	Berm	Base Course Berm	—	X	—	X
LA-SMA-9	Additional	n/a	L02903120018	Berm	Rock Berm	—	X	X	—
LA-SMA-9	Baseline	3/29/2011	L02904050009	Channel/Swale	Water Bar	X	—	X	—
LA-SMA-9	Baseline	3/29/2011	L02904050010	Channel/Swale	Water Bar	X	—	X	—
M-SMA-1	Additional	n/a	M00102040009	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-1	Baseline	11/1/2010	M00107010001	Gabion	Gabions	—	X	X	—
M-SMA-1	Baseline	11/1/2010	M00107010006	Gabion	Gabions	—	X	—	X
M-SMA-1	Enhanced	11/27/2012	M00107010008	Gabion	Gabions	—	X	—	X
M-SMA-1.2	Additional	n/a	M00202040009	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-1.2	Additional	n/a	M00203060012	Berm	Straw Wattle	—	X	X	—
M-SMA-1.2	Enhanced	9/25/2014	M00203140011	Berm	Coir Log	—	X	—	X
M-SMA-1.2	Baseline	12/13/2010	M00204060008	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-1.2	Enhanced	9/25/2014	M00205020010	Sediment Traps and Basins	Sediment Basin	—	X	—	X
M-SMA-1.2	Baseline	12/13/2010	M00206010003	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-1.2	Baseline	12/13/2010	M00206010004	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-1.21	Additional	n/a	M002A02040007	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-1.21	Additional	n/a	M002A03010006	Berm	Earthen Berm	—	X	—	X
M-SMA-1.21	Baseline	12/13/2010	M002A03020002	Berm	Base Course Berm	—	X	X	—
M-SMA-1.21	Baseline	12/13/2010	M002A03120005	Berm	Rock Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
M-SMA-1.21	Baseline	12/13/2010	M002A04060003	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-1.21	Baseline	12/13/2010	M002A06010004	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-1.22	Additional	n/a	M002B01010015	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
M-SMA-1.22	Additional	n/a	M002B02040014	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-1.22	Enhanced	5/2/2013	M002B03010010	Berm	Earthen Berm	—	X	—	X
M-SMA-1.22	Enhanced	5/2/2013	M002B03010011	Berm	Earthen Berm	—	X	—	X
M-SMA-1.22	Enhanced	5/2/2013	M002B03010012	Berm	Earthen Berm	—	X	—	X
M-SMA-1.22	Baseline	1/12/2011	M002B04050002	Channel/Swale	Water Bar	X	—	X	—
M-SMA-1.22	Enhanced	5/2/2013	M002B05030013	Sediment Traps and Basins	Sand Filter	—	X	—	X
M-SMA-1.22	Baseline	1/12/2011	M002B06010008	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-1.22	Baseline	1/12/2011	M002B06010009	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-10	Additional	n/a	M01202040012	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-10	Baseline	12/13/2010	M01204060004	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-10	Baseline	12/13/2010	M01204060007	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-10	Baseline	12/13/2010	M01204060008	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-10	Baseline	12/13/2010	M01206010001	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-10	Baseline	12/13/2010	M01206010005	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-10	Baseline	12/13/2010	M01206010006	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-10	Baseline	12/13/2010	M01206010009	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-10	Baseline	12/13/2010	M01206010010	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-10.01	Additional	n/a	M012A02040008	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-10.01	Enhanced	9/25/2012	M012A03010006	Berm	Earthen Berm	—	X	—	X
M-SMA-10.01	Enhanced	9/25/2012	M012A03010007	Berm	Earthen Berm	—	X	—	X
M-SMA-10.01	Baseline	12/13/2010	M012A06010003	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-10.3	Additional	n/a	M01302040014	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-10.3	Baseline	4/26/2011	M01303010011	Berm	Earthen Berm	—	X	X	—
M-SMA-10.3	Baseline	4/26/2011	M01303010012	Berm	Earthen Berm	—	X	—	X
M-SMA-10.3	Baseline	4/26/2011	M01303100013	Berm	Gravel Bags	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
M-SMA-10.3	Additional	n/a	M01306010017	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-10.3	Additional	n/a	M01306010018	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-11.1	Additional	n/a	M01402040008	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-11.1	Baseline	12/13/2010	M01403090005	Berm	Curbing	—	X	X	—
M-SMA-11.1	Additional	n/a	M01403100010	Berm	Gravel Bags	—	X	X	—
M-SMA-11.1	Baseline	12/13/2010	M01404060001	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-11.1	Baseline	12/13/2010	M01406020006	Check Dam	Log Check Dam	—	X	—	X
M-SMA-12	Additional	n/a	M01502040008	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-12	Baseline	3/29/2011	M01503090004	Berm	Curbing	—	X	X	—
M-SMA-12	Additional	n/a	M01503100009	Berm	Gravel Bags	—	X	X	—
M-SMA-12	Baseline	3/29/2011	M01506020001	Check Dam	Log Check Dam	—	X	—	X
M-SMA-12	Baseline	3/29/2011	M01506020006	Check Dam	Log Check Dam	—	X	—	X
M-SMA-12	Baseline	3/29/2011	M01506020007	Check Dam	Log Check Dam	—	X	—	X
M-SMA-12.5	Additional	n/a	M01601010011	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
M-SMA-12.5	Additional	n/a	M01602040012	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-12.5	Additional	n/a	M01603010009	Berm	Earthen Berm	—	X	X	—
M-SMA-12.5	Additional	n/a	M01603010010	Berm	Earthen Berm	—	X	—	X
M-SMA-12.6	Additional	n/a	M01701010013	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
M-SMA-12.6	Additional	n/a	M01702040014	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-12.6	Additional	n/a	M01703010010	Berm	Earthen Berm	—	X	X	—
M-SMA-12.6	Baseline	4/26/2011	M01703020005	Berm	Base Course Berm	—	X	X	—
M-SMA-12.6	Baseline	4/26/2011	M01703020006	Berm	Base Course Berm	—	X	X	—
M-SMA-12.6	Baseline	4/26/2011	M01703020007	Berm	Base Course Berm	—	X	X	—
M-SMA-12.6	Additional	n/a	M01703060015	Berm	Straw Wattle	—	X	—	X
M-SMA-12.6	Baseline	4/26/2011	M01706010008	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-12.7	Additional	n/a	M01802040012	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-12.7	Additional	n/a	M01803060010	Berm	Straw Wattle	—	X	X	—
M-SMA-12.7	Additional	n/a	M01803060011	Berm	Straw Wattle	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
M-SMA-12.7	Additional	n/a	M01803160013	Berm	Wood Chip Wattle	—	X	X	—
M-SMA-12.7	Baseline	12/13/2010	M01806020009	Check Dam	Log Check Dam	—	X	—	X
M-SMA-12.8	Additional	n/a	M01902040010	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-12.8	Additional	n/a	M01903060009	Berm	Straw Wattle	—	X	—	X
M-SMA-12.8	Additional	n/a	M01903160011	Berm	Wood Chip Wattle	—	X	X	—
M-SMA-12.8	Baseline	12/13/2010	M01906020006	Check Dam	Log Check Dam	—	X	—	X
M-SMA-12.9	Additional	n/a	M02002040012	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-12.9	Additional	n/a	M02003010008	Berm	Earthen Berm	—	X	X	—
M-SMA-12.9	Additional	n/a	M02003060015	Berm	Straw Wattle	—	X	—	X
M-SMA-12.9	Additional	n/a	M02003160014	Berm	Wood Chip Wattle	—	X	X	—
M-SMA-12.9	Additional	n/a	M02006020013	Check Dam	Log Check Dam	X	—	—	X
M-SMA-12.92	Additional	n/a	M02102040005	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-12.92	Baseline	11/1/2010	M02105010001	Sediment Traps and Basins	Sediment Trap	—	X	—	X
M-SMA-12.92	Baseline	11/1/2010	M02105010003	Sediment Traps and Basins	Sediment Trap	—	X	—	X
M-SMA-12.92	Baseline	11/1/2010	M02105010004	Sediment Traps and Basins	Sediment Trap	—	X	X	—
M-SMA-13	Additional	n/a	M02202040014	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-13	Additional	n/a	M02203010013	Berm	Earthen Berm	—	X	X	—
M-SMA-13	Baseline	12/13/2010	M02206010008	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-13	Baseline	12/13/2010	M02206010009	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-13	Baseline	12/13/2010	M02206010010	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-13	Baseline	12/13/2010	M02206010011	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-13	Baseline	12/13/2010	M02206020001	Check Dam	Log Check Dam	—	X	—	X
M-SMA-13	Baseline	12/13/2010	M02206020003	Check Dam	Log Check Dam	—	X	—	X
M-SMA-3	Baseline	4/26/2011	M00304050005	Channel/Swale	Water Bar	X	—	X	—
M-SMA-3	Baseline	4/26/2011	M00304060001	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-3	Baseline	4/26/2011	M00304060008	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-3	Additional	n/a	M00304060014	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-3	Enhanced	10/15/2015	M00304060018	Channel/Swale	Rip Rap	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
M-SMA-3	Enhanced	10/15/2015	M00304080017	Channel/Swale	TRM-Lined Swale	—	X	—	X
M-SMA-3	Enhanced	10/15/2015	M00305020015	Sediment Traps and Basins	Sediment Basin	—	X	—	X
M-SMA-3	Enhanced	10/15/2015	M00305060016	Sediment Traps and Basins	Infiltration Basin	—	X	—	X
M-SMA-3.1	Additional	n/a	M00402040007	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-3.1	Baseline	12/13/2010	M00403040006	Berm	Asphalt Berm	—	X	X	—
M-SMA-3.1	Baseline	12/13/2010	M00404060005	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-3.1	Baseline	12/13/2010	M00406010004	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-3.5	Additional	n/a	M00502040018	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-3.5	Baseline		M00503010015	Berm	Earthen Berm	—	X	—	X
M-SMA-3.5	Baseline		M00503010016	Berm	Earthen Berm	—	X	—	X
M-SMA-3.5	Baseline	4/26/2011	M00503120009	Berm	Rock Berm	—	X	—	X
M-SMA-3.5	Baseline	4/26/2011	M00503120010	Berm	Rock Berm	—	X	—	X
M-SMA-3.5	Baseline	4/26/2011	M00503120013	Berm	Rock Berm	—	X	X	—
M-SMA-3.5	Additional	n/a	M00503120014	Berm	Rock Berm	—	X	X	—
M-SMA-3.5	Baseline	4/26/2011	M00504060011	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-3.5	Baseline	4/26/2011	M00504060012	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-3.5	Baseline		M00504060017	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-3.5	Additional	n/a	M00504060019	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-3.5	Baseline	4/26/2011	M00506010004	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-3.5	Baseline	4/26/2011	M00506010005	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-4	Additional	n/a	M00602040014	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-4	Additional	n/a	M00603120015	Berm	Rock Berm	—	X	—	X
M-SMA-4	Baseline	11/1/2010	M00604060002	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-4	Baseline	11/1/2010	M00604060007	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-4	Baseline	11/1/2010	M00604060012	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-4	Baseline	11/1/2010	M00606010005	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-4	Additional	n/a	M00606010013	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-4	Additional	n/a	M00606010016	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
M-SMA-4	Additional	n/a	M00606010017	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-4	Additional	n/a	M00606010018	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-4	Baseline	11/1/2010	M00607010006	Gabion	Gabions	X	—	X	—
M-SMA-5	Additional	n/a	M00702040016	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-5	Baseline	4/28/2011	M00703060015	Berm	Straw Wattle	—	X	X	—
M-SMA-5	Baseline	4/28/2011	M00704020012	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
M-SMA-5	Baseline	4/28/2011	M00704060001	Channel/Swale	Rip Rap	X	—	—	X
M-SMA-5	Baseline	4/28/2011	M00704060008	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-5	Baseline	4/28/2011	M00706010002	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-5	Baseline	4/28/2011	M00706010007	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00802040024	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-6	Additional	n/a	M00803010033	Berm	Earthen Berm	—	X	X	—
M-SMA-6	Additional	n/a	M00803060034	Berm	Straw Wattle	X	—	X	—
M-SMA-6	Additional	n/a	M00803060035	Berm	Straw Wattle	X	—	X	—
M-SMA-6	Additional	n/a	M00803060036	Berm	Straw Wattle	X	—	X	—
M-SMA-6	Additional	n/a	M00803060037	Berm	Straw Wattle	X	—	X	—
M-SMA-6	Additional	n/a	M00803120031	Berm	Rock Berm	—	X	X	—
M-SMA-6	Additional	n/a	M00803120047	Berm	Rock Berm	—	X	—	X
M-SMA-6	Additional	n/a	M00804050033	Channel/Swale	Water Bar	X	—	—	—
M-SMA-6	Baseline	12/13/2010	M00804060001	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-6	Baseline	12/13/2010	M00804060014	Channel/Swale	Rip Rap	X	—	—	—
M-SMA-6	Additional	n/a	M00804060025	Channel/Swale	Rip Rap	X	—	X	—
M-SMA-6	Additional	n/a	M00804060045	Channel/Swale	Rip Rap	X	—	—	—
M-SMA-6	Additional	n/a	M00804060046	Channel/Swale	Rip Rap	X	—	—	—
M-SMA-6	Baseline	12/13/2010	M00805020016	Sediment Traps and Basins	Sediment Basin	—	X	X	—
M-SMA-6	Baseline	12/13/2010	M00806010007	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010017	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
M-SMA-6	Additional	n/a	M00806010020	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010027	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010028	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010032	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-6	Additional	n/a	M00806010038	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010039	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010040	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010041	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010042	Check Dam	Rock Check Dam	—	X	X	—
M-SMA-6	Additional	n/a	M00806010043	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-6	Additional	n/a	M00806010044	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-6	Additional	n/a	M00807010029	Gabion	Gabion	X	—	—	X
M-SMA-6	Additional	n/a	M00807010030	Gabion	Gabion	X	—	—	X
M-SMA-6	Baseline	12/13/2010	M00807020013	Gabion	Gabion Blanket	X	—	X	—
M-SMA-6	Baseline	12/13/2010	M00808030002	Cap	Concrete/Asphalt Cap	X	—	X	—
M-SMA-7	Additional	n/a	M00902040009	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-7	Additional	n/a	M00903060010	Berm	Straw Wattle	—	X	X	—
M-SMA-7	Additional	n/a	M00903060011	Berm	Straw Wattle	—	X	X	—
M-SMA-7	Baseline	12/13/2010	M00906010003	Check Dam	Rock Check Dam	—	X	—	X
M-SMA-7.9	Additional	n/a	M01002040013	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-7.9	Baseline	12/3/2010	M01003010004	Berm	Earthen Berm	—	X	X	—
M-SMA-7.9	Baseline	12/3/2010	M01003010010	Berm	Earthen Berm	—	X	X	—
M-SMA-7.9	Baseline	12/3/2010	M01003010011	Berm	Earthen Berm	—	X	X	—
M-SMA-7.9	Additional	n/a	M01003010012	Berm	Earthen Berm	—	X	—	X
M-SMA-7.9	Additional	n/a	M01003060014	Berm	Straw Wattle	—	X	X	—
M-SMA-7.9	Additional	n/a	M01003060015	Berm	Straw Wattle	—	X	X	—
M-SMA-7.9	Baseline	12/3/2010	M01003120005	Berm	Rock Berm	—	X	X	—
M-SMA-7.9	Baseline	12/3/2010	M01003120006	Berm	Rock Berm	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
M-SMA-7.9	Additional	n/a	M01003120016	Berm	Rock Berm	—	X	X	—
M-SMA-9.1	Baseline	1/12/2011	M01101020001	Seed and Mulch	Seed and Gravel Mulch	X	—	X	—
M-SMA-9.1	Additional	n/a	M01102040007	Permanent Vegetation	Established Vegetation	X	—	—	X
M-SMA-9.1	Additional	n/a	M01103120008	Berm	Rock Berm	—	X	X	—
M-SMA-9.1	Additional	n/a	M01103120009	Berm	Rock Berm	—	X	X	—
M-SMA-9.1	Baseline	1/12/2011	M01104040004	Channel/Swale	Culvert	X	—	X	—
M-SMA-9.1	Baseline	1/12/2011	M01106010005	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-1.05	Additional	n/a	J00102040019	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-1.05	Additional	n/a	J00103010018	Berm	Earthen Berm	—	X	—	X
PJ-SMA-1.05	Enhanced	9/4/2015	J00103010020	Berm	Earthen Berm	—	X	—	X
PJ-SMA-1.05	Enhanced	9/4/2015	J00103010021	Berm	Earthen Berm	—	X	—	X
PJ-SMA-1.05	Enhanced	9/4/2015	J00103010022	Berm	Earthen Berm	—	X	—	X
PJ-SMA-1.05	Baseline	11/1/2010	J00104050008	Channel/Swale	Water Bar	X	—	—	X
PJ-SMA-1.05	Additional	n/a	J00104050012	Channel/Swale	Water Bar	X	—	X	—
PJ-SMA-1.05	Additional	n/a	J00104050013	Channel/Swale	Water Bar	X	—	X	—
PJ-SMA-1.05	Additional	n/a	J00104050014	Channel/Swale	Water Bar	X	—	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01201060027	Seed and Mulch	Erosion Control Blanket	X	—	—	X
PJ-SMA-10	Baseline	12/13/2010	J01203020001	Berm	Base Course Berm	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01203140018	Berm	Coir Log	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01203140019	Berm	Coir Log	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01203140020	Berm	Coir Log	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01203140028	Berm	Coir Log	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01203140029	Berm	Coir Log	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01204030030	Channel/Swale	Rock Channel/Swale	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01204050016	Channel/Swale	Water Bar	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01206010011	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01206010012	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01206010013	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PJ-SMA-10	Enhanced	10/28/2015	J01206010014	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01206010015	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01206010017	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-10	Enhanced	10/28/2015	J01206010021	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01206010022	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01206010023	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01206010024	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01206010025	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01206010026	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-10	Enhanced	10/28/2015	J01206010031	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-11	Additional	n/a	J01301010020	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
PJ-SMA-11	Additional	n/a	J01301010028	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
PJ-SMA-11	Additional	n/a	J01302040018	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-11	Enhanced	8/10/2015	J01303010024	Berm	Earthen Berm	—	X	—	X
PJ-SMA-11	Enhanced	8/10/2015	J01303010025	Berm	Earthen Berm	—	X	—	X
PJ-SMA-11	Enhanced	8/10/2015	J01303010026	Berm	Earthen Berm	—	X	—	X
PJ-SMA-11	Enhanced	8/10/2015	J01303010027	Berm	Earthen Berm	—	X	—	X
PJ-SMA-11	Additional	n/a	J01303140029	Berm	Coir Log	—	X	X	—
PJ-SMA-11.1	Additional	n/a	J01401010025	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
PJ-SMA-11.1	Additional	n/a	J01402040015	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-11.1	Enhanced	8/10/2015	J01403010020	Berm	Earthen Berm	—	X	—	X
PJ-SMA-11.1	Enhanced	8/10/2015	J01403010021	Berm	Earthen Berm	—	X	—	X
PJ-SMA-11.1	Enhanced	8/10/2015	J01403010022	Berm	Earthen Berm	—	X	—	X
PJ-SMA-11.1	Enhanced	8/10/2015	J01403010023	Berm	Earthen Berm	—	X	—	X
PJ-SMA-11.1	Additional	n/a	J01403060018	Berm	Straw Wattle	—	X	—	X
PJ-SMA-11.1	Additional	n/a	J01403060024	Berm	Straw Wattle	—	X	—	X
PJ-SMA-11.1	Additional	n/a	J01403060026	Berm	Straw Wattle	—	X	—	X
PJ-SMA-11.1	Baseline	12/13/2010	J01406010004	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PJ-SMA-11.1	Baseline	12/13/2010	J01406010006	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-11.1	Baseline	12/13/2010	J01406010007	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-11.1	Baseline	12/13/2010	J01406010008	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-11.1	Baseline	12/13/2010	J01406010009	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-13	Additional	n/a	J01502040005	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-13	Baseline	3/29/2011	J01503010002	Berm	Earthen Berm	—	X	X	—
PJ-SMA-13	Baseline	3/29/2011	J01503010003	Berm	Earthen Berm	—	X	—	X
PJ-SMA-13	Additional	n/a	J01503140006	Berm	Coir Log	—	X	X	—
PJ-SMA-13.7	Additional	n/a	J01602040011	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-13.7	Enhanced	7/8/2013	J01605020008	Sediment Traps and Basins	Sediment Basin	—	X	—	X
PJ-SMA-13.7	Enhanced	7/8/2013	J01605020009	Sediment Traps and Basins	Sediment Basin	—	X	—	X
PJ-SMA-13.7	Baseline	12/13/2010	J01606010007	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-13.7	Baseline	12/13/2010	J01607010002	Gabion	Gabions	X	—	—	X
PJ-SMA-13.7	Enhanced	7/8/2013	J01608030010	Cap	Concrete/Asphalt Cap	—	—	—	X
PJ-SMA-14	Baseline	3/29/2011	J01701010004	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
PJ-SMA-14	Additional	n/a	J01703010005	Berm	Earthen Berm	—	X	—	X
PJ-SMA-14	Additional	n/a	J01703010006	Berm	Earthen Berm	—	X	—	X
PJ-SMA-14	Baseline	3/29/2011	J01703020002	Berm	Base Course Berm	—	X	X	—
PJ-SMA-14	Baseline	3/29/2011	J01703020003	Berm	Base Course Berm	—	X	—	X
PJ-SMA-14	Baseline	3/29/2011	J01708010001	Cap	Earth Cap	X	—	—	—
PJ-SMA-14.2	Additional	n/a	J01802040005	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-14.2	Additional	n/a	J01803060006	Berm	Straw Wattle	—	X	X	—
PJ-SMA-14.2	Baseline	11/1/2010	J01803120004	Berm	Rock Berm	—	X	—	X
PJ-SMA-14.3	Additional	n/a	J01902040003	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-14.3	Additional	n/a	J01903060005	Berm	Straw Wattle	—	X	—	X
PJ-SMA-14.4	Additional	n/a	J02002040010	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-14.4	Baseline	3/29/2011	J02003010008	Berm	Earthen Berm	—	X	X	—
PJ-SMA-14.4	Baseline	3/29/2011	J02003040006	Berm	Asphalt Berm	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PJ-SMA-14.4	Additional	n/a	J02003060011	Berm	Straw Wattle	—	X	X	—
PJ-SMA-14.6	Additional	n/a	J02102040008	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-14.6	Additional	n/a	J02103010005	Berm	Earthen Berm	—	X	—	X
PJ-SMA-14.6	Additional	n/a	J02104060007	Channel/Swale	Rip Rap	X	—	X	—
PJ-SMA-14.8	Additional	n/a	J02202040007	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-14.8	Baseline	12/13/2010	J02203020005	Berm	Base Course Berm	—	X	X	—
PJ-SMA-14.8	Additional	n/a	J02203060008	Berm	Straw Wattle	—	X	—	X
PJ-SMA-16	Additional	n/a	J02302040004	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-16	Additional	n/a	J02303060003	Berm	Straw Wattle	—	X	—	X
PJ-SMA-17	Additional	n/a	J02402040008	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-17	Baseline	11/16/2010	J02404060006	Channel/Swale	Rip Rap	X	—	—	X
PJ-SMA-17	Baseline	11/16/2010	J02404060007	Channel/Swale	Rip Rap	X	—	—	X
PJ-SMA-17	Baseline	11/16/2010	J02405010005	Sediment Traps and Basins	Sediment Trap	—	X	—	X
PJ-SMA-17	Baseline	11/16/2010	J02406010004	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-18	Additional	n/a	J02602040010	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-18	Additional	n/a	J02604010009	Channel/Swale	Earthen Channel/Swale	X	—	X	—
PJ-SMA-18	Additional	n/a	J02604010011	Channel/Swale	Earthen Channel/Swale	X	—	—	X
PJ-SMA-18	Baseline	11/16/2010	J02604060007	Channel/Swale	Rip Rap	X	—	—	X
PJ-SMA-18	Additional	n/a	J02604060012	Channel/Swale	Rip Rap	X	—	—	X
PJ-SMA-18	Baseline	11/16/2010	J02605010005	Sediment Traps and Basins	Sediment Trap	—	X	—	X
PJ-SMA-18	Baseline	11/16/2010	J02606010004	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-19	Additional	n/a	J02502040011	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-19	Baseline	11/16/2010	J02504020004	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
PJ-SMA-19	Baseline	11/16/2010	J02504020006	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
PJ-SMA-19	Baseline	11/16/2010	J02504060010	Channel/Swale	Rip Rap	X	—	—	X
PJ-SMA-19	Baseline	11/16/2010	J02505020002	Sediment Traps and Basins	Sediment Basin	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PJ-SMA-19	Baseline	11/16/2010	J02506010005	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-19	Baseline	11/16/2010	J02506010008	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-19	Baseline	11/16/2010	J02506010009	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-19	Baseline	11/16/2010	J02507010001	Gabion	Gabions	—	X	—	X
PJ-SMA-2	Additional	n/a	J00202040022	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-2	Baseline	11/1/2010	J00203010006	Berm	Earthen Berm	—	X	X	—
PJ-SMA-2	Baseline	11/1/2010	J00203010007	Berm	Earthen Berm	—	X	X	—
PJ-SMA-2	Baseline	11/1/2010	J00203010008	Berm	Earthen Berm	—	X	X	—
PJ-SMA-2	Baseline	11/1/2010	J00203010009	Berm	Earthen Berm	—	X	X	—
PJ-SMA-2	Additional	n/a	J00203010015	Berm	Earthen Berm	—	X	X	—
PJ-SMA-2	Additional	n/a	J00204050026	Channel/Swale	Water Bar	X	—	X	—
PJ-SMA-2	Baseline	11/1/2010	J00206010014	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-2	Additional	n/a	J00206010019	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-2	Additional	n/a	J00206010020	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-2	Additional	n/a	J00206010021	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-2	Additional	n/a	J00206010024	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-2	Additional	n/a	J00206010025	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-2	Additional	n/a	J00206010027	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-2	Additional	n/a	J00206010028	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-2	Additional	n/a	J00208030029	Cap	Concrete/Asphalt Cap	—	—	—	X
PJ-SMA-20	Additional	n/a	J02702040007	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-20	Baseline	11/16/2010	J02703090001	Berm	Curbing	—	X	—	X
PJ-SMA-20	Baseline	11/16/2010	J02704060006	Channel/Swale	Rip Rap	X	—	—	X
PJ-SMA-20	Baseline	11/16/2010	J02708030005	Cap	Concrete/Asphalt Cap	X	—	X	—
PJ-SMA-3.05	Additional	n/a	J00302040012	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-3.05	Enhanced	7/18/2012	J00303010010	Berm	Earthen Berm	—	X	X	—
PJ-SMA-3.05	Enhanced	7/18/2012	J00303010011	Berm	Earthen Berm	—	X	—	X
PJ-SMA-4.05	Additional	n/a	J00402040008	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PJ-SMA-4.05	Additional	n/a	J00403010007	Berm	Earthen Berm	—	X	X	—
PJ-SMA-4.05	Baseline	11/1/2010	J00406010006	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-5	Additional	n/a	J00502040015	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-5	Enhanced	8/10/2015	J00503010025	Berm	Earthen Berm	—	X	—	X
PJ-SMA-5	Enhanced	8/10/2015	J00503030019	Berm	Log Berm	—	X	X	—
PJ-SMA-5	Enhanced	8/10/2015	J00503120026	Berm	Rock Berm	—	X	—	X
PJ-SMA-5	Enhanced	8/10/2015	J00503120027	Berm	Rock Berm	—	X	—	X
PJ-SMA-5	Enhanced	8/10/2015	J00503120028	Berm	Rock Berm	—	X	—	X
PJ-SMA-5	Baseline	11/1/2010	J00504010003	Channel/Swale	Earthen Channel/Swale	X	—	X	—
PJ-SMA-5	Enhanced	8/10/2015	J00504040016	Channel/Swale	Culvert	X	—	X	—
PJ-SMA-5	Enhanced	8/10/2015	J00504060017	Channel/Swale	Rip Rap	X	—	X	—
PJ-SMA-5	Enhanced	8/10/2015	J00504060020	Channel/Swale	Rip Rap	X	—	X	—
PJ-SMA-5	Enhanced	8/10/2015	J00506010018	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-5	Enhanced	8/10/2015	J00506010021	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-5	Enhanced	8/10/2015	J00506010022	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-5	Enhanced	8/10/2015	J00506010023	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-5	Enhanced	8/10/2015	J00506010024	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-5	Baseline	11/1/2010	J00506030004	Check Dam	Juniper Bales	—	X	X	—
PJ-SMA-5.1	Additional	n/a	J00602040010	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-5.1	Enhanced	7/18/2012	J00603010009	Berm	Earthen Berm	—	X	—	X
PJ-SMA-5.1	Additional	n/a	J00603010011	Berm	Earthen Berm	—	X	X	—
PJ-SMA-5.1	Baseline	12/22/2010	J00604010004	Channel/Swale	Earthen Channel/Swale	X	—	X	—
PJ-SMA-5.1	Baseline	12/22/2010	J00606010007	Check Dam	Rock Check Dam	—	X	—	X
PJ-SMA-5.1	Additional	n/a	J00608030012	Cap	Concrete/Asphalt Cap	X	—	—	X
PJ-SMA-6	Additional	n/a	J00702040018	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-6	Additional	n/a	J00703010009	Berm	Earthen Berm	—	X	—	X
PJ-SMA-6	Additional	n/a	J00703010010	Berm	Earthen Berm	—	X	—	X
PJ-SMA-6	Additional	n/a	J00703010011	Berm	Earthen Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PJ-SMA-6	Additional	n/a	J00703060013	Berm	Straw Wattle	—	X	X	—
PJ-SMA-6	Additional	n/a	J00703060014	Berm	Straw Wattle	—	X	X	—
PJ-SMA-6	Additional	n/a	J00703060015	Berm	Straw Wattle	—	X	X	—
PJ-SMA-6	Additional	n/a	J00703060016	Berm	Straw Wattle	—	X	X	—
PJ-SMA-6	Additional	n/a	J00703120012	Berm	Rock Berm	—	X	X	—
PJ-SMA-6	Baseline	11/1/2010	J00706010002	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Baseline	11/1/2010	J00706010003	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Baseline	11/1/2010	J00706010004	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010019	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010020	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010021	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010022	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010023	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010024	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010025	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010026	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-6	Additional	n/a	J00706010027	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-7	Additional	n/a	J00802040006	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-7	Baseline	11/1/2010	J00803010004	Berm	Earthen Berm	—	X	—	X
PJ-SMA-7	Additional	n/a	J00803040007	Berm	Asphalt Berm	—	X	X	—
PJ-SMA-7	Baseline	11/1/2010	J00804010002	Channel/Swale	Earthen Channel/Swale	X	—	X	—
PJ-SMA-7	Baseline	11/1/2010	J00804040003	Channel/Swale	Culvert	X	—	X	—
PJ-SMA-8	Additional	n/a	J00902040010	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-8	Baseline	11/1/2010	J00903010006	Berm	Earthen Berm	—	X	—	X
PJ-SMA-8	Baseline	11/1/2010	J00903010009	Berm	Earthen Berm	—	X	—	X
PJ-SMA-8	Baseline	11/1/2010	J00904020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
PJ-SMA-8	Baseline	11/1/2010	J00906010002	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PJ-SMA-8	Baseline	11/1/2010	J00906010004	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-8	Additional	n/a	J00906010011	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-9	Enhanced	10/28/2015	J01001030022	Seed and Mulch	Hydromulch	X	—	—	—
PJ-SMA-9	Additional	n/a	J01002040010	Permanent Vegetation	Established Vegetation	X	—	—	X
PJ-SMA-9	Enhanced	10/28/2015	J01003010016	Berm	Earthen Berm	—	X	X	—
PJ-SMA-9	Enhanced	10/28/2015	J01003010017	Berm	Earthen Berm	—	X	X	—
PJ-SMA-9	Enhanced	10/28/2015	J01003010018	Berm	Earthen Berm	—	X	X	—
PJ-SMA-9	Enhanced	10/28/2015	J01003010019	Berm	Earthen Berm	—	X	—	X
PJ-SMA-9	Additional	n/a	J01003060013	Berm	Straw Wattle	—	X	—	X
PJ-SMA-9	Additional	n/a	J01003060014	Berm	Straw Wattle	—	X	—	X
PJ-SMA-9	Additional	n/a	J01003060015	Berm	Straw Wattle	—	X	—	X
PJ-SMA-9	Enhanced	10/28/2015	J01003140021	Berm	Coir Log	—	X	—	X
PJ-SMA-9	Enhanced	10/28/2015	J01004060020	Channel/Swale	Rip Rap	X	—	X	—
PJ-SMA-9	Baseline	11/1/2010	J01006010008	Check Dam	Rock Check Dam	—	X	X	—
PJ-SMA-9	Baseline	11/1/2010	J01006010009	Check Dam	Rock Check Dam	—	X	X	—
Pratt-SMA-1.05	Additional	n/a	T00102040020	Permanent Vegetation	Established Vegetation	X	—	—	X
Pratt-SMA-1.05	Enhanced	5/13/2014	T00103010022	Berm	Earthen Berm	—	X	—	X
Pratt-SMA-1.05	Enhanced	5/13/2014	T00103010023	Berm	Earthen Berm	—	X	—	X
Pratt-SMA-1.05	Additional	n/a	T00103010025	Berm	Earthen Berm	—	X	—	X
Pratt-SMA-1.05	Baseline	12/13/2010	T00103020013	Berm	Base Course Berm	—	X	X	—
Pratt-SMA-1.05	Baseline	12/13/2010	T00103020014	Berm	Base Course Berm	—	X	X	—
Pratt-SMA-1.05	Baseline	12/13/2010	T00103020015	Berm	Base Course Berm	—	X	X	—
Pratt-SMA-1.05	Baseline	12/13/2010	T00103020016	Berm	Base Course Berm	—	X	X	—
Pratt-SMA-1.05	Enhanced	5/13/2014	T00103020024	Berm	Base Course Berm	—	X	X	—
Pratt-SMA-1.05	Baseline	12/13/2010	T00103090004	Berm	Curbing	—	X	X	—
Pratt-SMA-1.05	Baseline	12/13/2010	T00103120008	Berm	Rock Berm	—	X	—	X
Pratt-SMA-1.05	Baseline	12/13/2010	T00104020006	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
Pratt-SMA-1.05	Baseline	12/13/2010	T00108020005	Cap	Rock Cap	X	—	X	—
P-SMA-0.3	Additional	n/a	P00402040008	Permanent Vegetation	Established Vegetation	X	—	—	X
P-SMA-0.3	Additional	n/a	P00403010019	Berm	Earthen Berm	—	X	—	X
P-SMA-0.3	Additional	n/a	P00403010020	Berm	Earthen Berm	—	X	—	X
P-SMA-0.3	Additional	n/a	P00403140009	Berm	Coir Log	—	X	—	X
P-SMA-0.3	Additional	n/a	P00403140021	Berm	Coir Log	—	X	—	X
P-SMA-0.3	Additional	n/a	P00404050017	Channel/Swale	Water Bar	X	—	X	—
P-SMA-0.3	Additional	n/a	P00404050018	Channel/Swale	Water Bar	X	—	X	—
P-SMA-0.3	Additional	n/a	P00404060022	Channel/Swale	Rip Rap	X	—	—	—
P-SMA-0.3	Additional	n/a	P00406010012	Check Dam	Rock Check Dam	—	X	—	X
P-SMA-0.3	Additional	n/a	P00406010013	Check Dam	Rock Check Dam	—	X	—	X
P-SMA-0.3	Additional	n/a	P00406010014	Check Dam	Rock Check Dam	—	X	—	X
P-SMA-1	Additional	n/a	P00502040040	Permanent Vegetation	Established Vegetation	X	—	—	X
P-SMA-1	Additional	n/a	P00503060021	Berm	Straw Wattle	—	X	—	X
P-SMA-1	Baseline	11/1/2010	P00503080003	Berm	Retaining Wall	—	X	—	X
P-SMA-1	Baseline	11/1/2010	P00504020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	—	X
P-SMA-1	Baseline	11/1/2010	P00504020009	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
P-SMA-1	Baseline	11/1/2010	P00504040004	Channel/Swale	Culvert	X	—	X	—
P-SMA-1	Baseline	11/1/2010	P00504040016	Channel/Swale	Culvert	X	—	X	—
P-SMA-1	Baseline	11/1/2010	P00504060002	Channel/Swale	Rip Rap	X	—	—	X
P-SMA-1	Baseline	11/1/2010	P00504060013	Channel/Swale	Rip Rap	X	—	—	X
P-SMA-1	Additional	n/a	P00504060046	Channel/Swale	Rip Rap	X	—	—	X
P-SMA-1	Additional	n/a	P00507010048	Gabion	Gabion	—	X	—	X
P-SMA-1	Additional	n/a	P00507010049	Gabion	Gabion	—	X	—	X
P-SMA-1	Additional	n/a	P00508030047	Cap	Concrete/Asphalt Cap	X	—	—	X
P-SMA-2	Additional	n/a	P00602040011	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
P-SMA-2	Baseline	11/1/2010	P00603020009	Berm	Base Course Berm	—	X	X	—
P-SMA-2	Baseline	11/1/2010	P00603020010	Berm	Base Course Berm	—	X	X	—
P-SMA-2	Baseline	11/1/2010	P00603120008	Berm	Rock Berm	—	X	—	X
P-SMA-2	Baseline	11/1/2010	P00604010001	Channel/Swale	Earthen Channel/Swale	X	—	X	—
P-SMA-2	Baseline	11/1/2010	P00604020006	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
P-SMA-2	Baseline	11/1/2010	P00604060002	Channel/Swale	Rip Rap	X	—	X	—
P-SMA-2	Baseline	11/1/2010	P00604060003	Channel/Swale	Rip Rap	X	—	X	—
P-SMA-2.15	Additional	n/a	P00702040007	Permanent Vegetation	Established Vegetation	X	—	—	X
P-SMA-2.15	Baseline	12/6/2010	P00704060003	Channel/Swale	Rip Rap	X	—	X	—
P-SMA-2.15	Baseline	12/6/2010	P00704060006	Channel/Swale	Rip Rap	X	—	—	X
P-SMA-2.15	Baseline	12/6/2010	P00706010004	Check Dam	Rock Check Dam	—	X	X	—
P-SMA-2.15	Baseline	12/6/2010	P00706010005	Check Dam	Rock Check Dam	—	X	—	X
P-SMA-2.2	Additional	n/a	P00802040025	Permanent Vegetation	Established Vegetation	X	—	—	X
P-SMA-2.2	Additional	n/a	P00803010027	Berm	Earthen Berm	—	X	X	—
P-SMA-2.2	Additional	n/a	P00803010028	Berm	Earthen Berm	—	X	—	X
P-SMA-2.2	Additional	n/a	P00803010029	Berm	Earthen Berm	—	X	—	X
P-SMA-2.2	Additional	n/a	P00803010030	Berm	Earthen Berm	—	X	—	X
P-SMA-2.2	Baseline	4/28/2011	P00803020012	Berm	Base Course Berm	—	X	X	—
P-SMA-2.2	Baseline	4/28/2011	P00804020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	—	X
P-SMA-2.2	Baseline	4/28/2011	P00804060001	Channel/Swale	Rip Rap	X	—	X	—
P-SMA-2.2	Baseline	4/28/2011	P00804080017	Channel/Swale	TRM-Lined Swale	X	—	X	—
P-SMA-2.2	Baseline	4/28/2011	P00806010018	Check Dam	Rock Check Dam	—	X	X	—
P-SMA-2.2	Baseline	4/28/2011	P00806010019	Check Dam	Rock Check Dam	—	X	X	—
P-SMA-2.2	Baseline	4/28/2011	P00806010020	Check Dam	Rock Check Dam	—	X	X	—
P-SMA-2.2	Baseline	4/28/2011	P00806010021	Check Dam	Rock Check Dam	—	X	X	—
P-SMA-2.2	Baseline	4/28/2011	P00806010022	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
P-SMA-3.05	Additional	n/a	P00902040012	Permanent Vegetation	Established Vegetation	X	—	—	X
P-SMA-3.05	Baseline	12/6/2010	P00903010008	Berm	Earthen Berm	—	X	—	X
P-SMA-3.05	Baseline	12/6/2010	P00903010009	Berm	Earthen Berm	—	X	—	X
P-SMA-3.05	Additional	n/a	P00903010010	Berm	Earthen Berm	—	X	—	X
P-SMA-3.05	Baseline	12/6/2010	P00903020007	Berm	Base Course Berm	—	X	—	X
P-SMA-3.05	Baseline	12/6/2010	P00904050005	Channel/Swale	Water Bar	X	—	X	—
P-SMA-3.05	Baseline	12/6/2010	P00904050006	Channel/Swale	Water Bar	X	—	X	—
PT-SMA-0.5	Additional	n/a	I00102040009	Permanent Vegetation	Established Vegetation	X	—	—	X
PT-SMA-0.5	Enhanced	11/27/2012	I00103010007	Berm	Earthen Berm	—	X	—	X
PT-SMA-0.5	Enhanced	11/27/2012	I00103010008	Berm	Earthen Berm	—	X	X	—
PT-SMA-0.5	Additional	n/a	I00103060010	Berm	Straw Wattle	—	X	—	X
PT-SMA-0.5	Additional	n/a	I00103060011	Berm	Straw Wattle	—	X	—	X
PT-SMA-0.5	Additional	n/a	I00104030012	Channel/Swale	Rock Channel/Swale	X	—	X	—
PT-SMA-1	Baseline	3/29/2011	I00201010022	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
PT-SMA-1	Additional	n/a	I00202040034	Permanent Vegetation	Established Vegetation	X	—	—	X
PT-SMA-1	Baseline	3/29/2011	I00203010018	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Baseline	3/29/2011	I00203010019	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Baseline	3/29/2011	I00203010020	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Baseline	3/29/2011	I00203010021	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00203010023	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00203010024	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00203010025	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00203010026	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00203010027	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00203010028	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00203010029	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00203010030	Berm	Earthen Berm	—	X	—	X
PT-SMA-1	Enhanced	10/15/2015	I00203010039	Berm	Earthen Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PT-SMA-1	Additional	n/a	I00203060035	Berm	Straw Wattle	—	X	—	X
PT-SMA-1	Additional	n/a	I00203060036	Berm	Straw Wattle	—	X	—	X
PT-SMA-1	Additional	n/a	I00203060037	Berm	Straw Wattle	—	X	—	X
PT-SMA-1	Baseline	3/29/2011	I00203120012	Berm	Rock Berm	—	X	X	—
PT-SMA-1	Baseline	3/29/2011	I00203120013	Berm	Rock Berm	—	X	X	—
PT-SMA-1	Enhanced	10/15/2015	I00203120038	Berm	Rock Berm	—	X	X	—
PT-SMA-1	Enhanced	10/15/2015	I00203140040	Berm	Coir Log	—	X	—	X
PT-SMA-1	Enhanced	10/15/2015	I00203140041	Berm	Coir Log	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00206010031	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-1	Enhanced	8/3/2012	I00206010032	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-1.7	Additional	n/a	I00302040017	Permanent Vegetation	Established Vegetation	X	—	—	X
PT-SMA-1.7	Enhanced	6/27/2014	I00303010018	Berm	Earthen Berm	—	X	—	X
PT-SMA-1.7	Enhanced	6/27/2014	I00305040019	Sediment Traps and Basins	Gravel Infiltration Strip	—	X	—	X
PT-SMA-1.7	Enhanced	6/27/2014	I00306010020	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-1.7	Enhanced	6/27/2014	I00306010021	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-1.7	Enhanced	6/27/2014	I00306010022	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-1.7	Enhanced	6/27/2014	I00306010023	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-1.7	Enhanced	6/27/2014	I00306010024	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-1.7	Enhanced	6/27/2014	I00306010025	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-1.7	Additional	n/a	I00306010026	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-2	Additional	n/a	I00402040011	Permanent Vegetation	Established Vegetation	X	—	—	X
PT-SMA-2	Enhanced	9/28/2015	I00403010021	Berm	Earthen Berm	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00403010022	Berm	Earthen Berm	—	X	X	—
PT-SMA-2	Enhanced	9/28/2015	I00403010024	Berm	Earthen Berm	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00403060012	Berm	Straw Wattle	—	X	X	—
PT-SMA-2	Enhanced	9/28/2015	I00403060013	Berm	Straw Wattle	—	X	—	X
PT-SMA-2	Baseline	3/29/2011	I00403120010	Berm	Rock Berm	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00403120023	Berm	Rock Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PT-SMA-2	Enhanced	9/28/2015	I00404060020	Channel/Swale	Rip Rap	X	—	X	—
PT-SMA-2	Enhanced	9/28/2015	I00406010014	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00406010015	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00406010016	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00406010017	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00406010018	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00406010019	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-2	Enhanced	9/28/2015	I00406010025	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-2.01	Additional	n/a	I004A02040005	Permanent Vegetation	Established Vegetation	X	—	—	X
PT-SMA-2.01	Enhanced	8/3/2012	I004A03010004	Berm	Earthen Berm	—	X	—	X
PT-SMA-3	Additional	n/a	I00502040009	Permanent Vegetation	Established Vegetation	X	—	—	X
PT-SMA-3	Enhanced	8/10/2015	I00503010030	Berm	Earthen Berm	X	—	X	—
PT-SMA-3	Additional	n/a	I00503060017	Berm	Straw Wattle	—	X	X	—
PT-SMA-3	Additional	n/a	I00503060018	Berm	Straw Wattle	—	X	X	—
PT-SMA-3	Additional	n/a	I00503120015	Berm	Rock Berm	—	X	X	—
PT-SMA-3	Additional	n/a	I00503140039	Berm	Coir Log	—	X	X	—
PT-SMA-3	Enhanced	8/10/2015	I00504010029	Channel/Swale	Earthen Channel/Swale	—	—	—	—
PT-SMA-3	Additional	n/a	I00504030016	Channel/Swale	Rock Channel/Swale	X	—	X	—
PT-SMA-3	Baseline	11/1/2010	I00504040005	Channel/Swale	Culvert	X	—	—	X
PT-SMA-3	Enhanced	8/10/2015	I00504060038	Channel/Swale	Rip Rap	—	X	—	X
PT-SMA-3	Enhanced	8/10/2015	I00505020037	Sediment Traps and Basins	Sediment Basin	—	X	—	X
PT-SMA-3	Additional	n/a	I00506010021	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Additional	n/a	I00506010022	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Additional	n/a	I00506010023	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Additional	n/a	I00506010024	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Additional	n/a	I00506010025	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Additional	n/a	I00506010026	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Additional	n/a	I00506010027	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PT-SMA-3	Enhanced	8/10/2015	I00506010031	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Enhanced	8/10/2015	I00506010032	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Enhanced	8/10/2015	I00506010033	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Enhanced	8/10/2015	I00506010034	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Enhanced	8/10/2015	I00506010035	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-3	Enhanced	8/10/2015	I00506010036	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-4.2	Enhanced	10/28/2015	I00701060021	Seed and Mulch	Erosion Control Blanket	X	—	—	—
PT-SMA-4.2	Additional	n/a	I00702040008	Permanent Vegetation	Established Vegetation	X	—	X	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703010014	Berm	Earthen Berm	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703010022	Berm	Earthen Berm	X	—	—	—
PT-SMA-4.2	Enhanced	10/28/2015	I00703010024	Berm	Earthen Berm	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703010025	Berm	Earthen Berm	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703010026	Berm	Earthen Berm	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703010027	Berm	Earthen Berm	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703010028	Berm	Earthen Berm	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703010029	Berm	Earthen Berm	—	X	—	X
PT-SMA-4.2	Additional	n/a	I00703120007	Berm	Rock Berm	—	X	—	X
PT-SMA-4.2	Additional	n/a	I00703120009	Berm	Rock Berm	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703140015	Berm	Coir Log	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703140016	Berm	Coir Log	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703140017	Berm	Coir Log	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703140018	Berm	Coir Log	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703140019	Berm	Coir Log	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00703140020	Berm	Coir Log	—	X	—	X
PT-SMA-4.2	Baseline	11/1/2010	I00704040005	Channel/Swale	Culvert	X	—	X	—
PT-SMA-4.2	Enhanced	10/28/2015	I00704050023	Channel/Swale	Water Bar	—	X	—	X
PT-SMA-4.2	Baseline	11/1/2010	I00704060002	Channel/Swale	Rip Rap	X	—	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00704060034	Channel/Swale	Rip Rap	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
PT-SMA-4.2	Enhanced	10/28/2015	I00706010010	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-4.2	Enhanced	10/28/2015	I00706010011	Check Dam	Rock Check Dam	—	X	X	—
PT-SMA-4.2	Enhanced	10/28/2015	I00706010012	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00706010013	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00706010031	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00706010032	Check Dam	Rock Check Dam	—	X	—	X
PT-SMA-4.2	Enhanced	10/28/2015	I00706010033	Check Dam	Rock Check Dam	—	X	—	X
R-SMA-0.5	Additional	n/a	R00102040025	Permanent Vegetation	Established Vegetation	X	—	—	X
R-SMA-0.5	Baseline	12/6/2010	R00103030006	Berm	Log Berm	—	X	—	X
R-SMA-0.5	Additional	n/a	R00103060021	Berm	Straw Wattle	—	X	X	—
R-SMA-0.5	Additional	n/a	R00103060023	Berm	Straw Wattle	—	X	X	—
R-SMA-0.5	Additional	n/a	R00103060024	Berm	Straw Wattle	—	X	—	X
R-SMA-0.5	Additional	n/a	R00103060026	Berm	Straw Wattle	—	X	—	X
R-SMA-0.5	Additional	n/a	R00103060027	Berm	Straw Wattle	—	X	—	X
R-SMA-0.5	Additional	n/a	R00103060028	Berm	Straw Wattle	—	X	—	X
R-SMA-0.5	Additional	n/a	R00103060029	Berm	Straw Wattle	—	X	—	X
R-SMA-0.5	Additional	n/a	R00103060030	Berm	Straw Wattle	—	X	—	X
R-SMA-0.5	Additional	n/a	R00103060031	Berm	Straw Wattle	—	X	X	—
R-SMA-0.5	Additional	n/a	R00103060032	Berm	Straw Wattle	—	X	X	—
R-SMA-0.5	Additional	n/a	R00103060033	Berm	Straw Wattle	—	X	X	—
R-SMA-0.5	Additional	n/a	R00103060034	Berm	Straw Wattle	—	X	—	X
R-SMA-1	Additional	n/a	R00202040008	Permanent Vegetation	Established Vegetation	X	—	—	X
R-SMA-1	Baseline	4/26/2011	R00204060006	Channel/Swale	Rip Rap	X	—	X	—
R-SMA-1	Baseline	4/26/2011	R00204060007	Channel/Swale	Rip Rap	X	—	X	—
R-SMA-1	Additional	n/a	R00204060009	Channel/Swale	Rip Rap	X	—	X	—
R-SMA-1	Additional	n/a	R00204060010	Channel/Swale	Rip Rap	X	—	X	—
R-SMA-1	Baseline	4/26/2011	R00206010005	Check Dam	Rock Check Dam	—	X	—	X
R-SMA-1	Baseline	4/26/2011	R00207010002	Gabion	Gabions	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
R-SMA-1.95	Additional	n/a	R00301010022	Seed and Mulch	Seed and Wood Mulch	X	—	—	X
R-SMA-1.95	Additional	n/a	R00302040008	Permanent Vegetation	Established Vegetation	X	—	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303010021	Berm	Earthen Berm	—	X	—	X
R-SMA-1.95	Baseline	12/6/2010	R00303060005	Berm	Straw Wattle	—	X	—	X
R-SMA-1.95	Additional	n/a	R00303060007	Berm	Straw Wattle	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140009	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140010	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140011	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140012	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140013	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140014	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140015	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140016	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140017	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140018	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140019	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Enhanced	9/25/2014	R00303140020	Berm	Coir Log	—	X	—	X
R-SMA-1.95	Baseline	12/6/2010	R00304010003	Channel/Swale	Earthen Channel/Swale	X	—	X	—
R-SMA-2.05	Additional	n/a	R00402040005	Permanent Vegetation	Established Vegetation	X	—	—	X
R-SMA-2.05	Baseline	11/1/2010	R00406030002	Check Dam	Juniper Bales	—	X	—	X
R-SMA-2.05	Baseline	11/1/2010	R00406030003	Check Dam	Juniper Bales	—	X	—	X
R-SMA-2.3	Additional	n/a	R00502040004	Permanent Vegetation	Established Vegetation	X	—	—	X
R-SMA-2.3	Additional	n/a	R00503060005	Berm	Straw Wattle	—	X	—	X
R-SMA-2.3	Additional	n/a	R00503060006	Berm	Straw Wattle	—	X	—	X
R-SMA-2.3	Additional	n/a	R00503060007	Berm	Straw Wattle	—	X	—	X
R-SMA-2.5	Additional	n/a	R00602040007	Permanent Vegetation	Established Vegetation	X	—	—	X
R-SMA-2.5	Baseline	12/6/2010	R00604060004	Channel/Swale	Rip Rap	X	—	X	—
R-SMA-2.5	Baseline	12/6/2010	R00606010003	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
R-SMA-2.5	Baseline	12/6/2010	R00606010005	Check Dam	Rock Check Dam	—	X	X	—
R-SMA-2.5	Baseline	12/6/2010	R00606010006	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-0.25	Additional	n/a	S00102040011	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-0.25	Additional	n/a	S00103060016	Berm	Straw Wattle	—	X	X	—
S-SMA-0.25	Additional	n/a	S00103090017	Berm	Curbing	—	X	X	—
S-SMA-0.25	Enhanced	6/27/2014	S00104030014	Channel/Swale	Rock Channel/Swale	X	—	X	—
S-SMA-0.25	Baseline	11/1/2010	S00104060007	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-0.25	Enhanced	6/27/2014	S00105010013	Sediment Traps and Basins	Sediment Trap	—	X	X	—
S-SMA-0.25	Enhanced	6/27/2014	S00105050012	Sediment Traps and Basins	Bioretention Basin	—	X	X	—
S-SMA-0.25	Baseline	11/1/2010	S00107010008	Gabion	Gabions	—	X	—	X
S-SMA-0.25	Baseline	11/1/2010	S00107020003	Gabion	Gabion Blanket	X	—	—	X
S-SMA-1.1	Enhanced	11/27/2012	S00203010018	Berm	Earthen Berm	—	X	—	X
S-SMA-1.1	Enhanced	11/27/2012	S00203090017	Berm	Curbing	—	X	X	—
S-SMA-1.1	Enhanced	11/27/2012	S00204040016	Channel/Swale	Culvert	X	—	X	—
S-SMA-1.1	Baseline	4/28/2011	S00204060006	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-1.1	Enhanced	11/27/2012	S00204060014	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-1.1	Enhanced	11/27/2012	S00204060015	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-1.1	Enhanced	11/27/2012	S00204060019	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-1.1	Enhanced	11/27/2012	S00205020013	Sediment Traps and Basins	Sediment Basin	—	X	—	X
S-SMA-1.1	Baseline	4/28/2011	S00206010008	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-1.1	Additional	n/a	S00206010020	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-1.1	Baseline	4/28/2011	S00207010003	Gabion	Gabions	—	X	—	X
S-SMA-1.1	Baseline	4/28/2011	S00207020005	Gabion	Gabion Blanket	X	—	X	—
S-SMA-2	Enhanced	7/8/2013	S00301010015	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
S-SMA-2	Additional	n/a	S00302040022	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-2	Additional	n/a	S00303140026	Berm	Coir Log	—	X	—	X
S-SMA-2	Additional	n/a	S00304040024	Channel/Swale	Culvert	X	—	X	—
S-SMA-2	Baseline	11/1/2010	S00304060005	Channel/Swale	Rip Rap	X	—	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
S-SMA-2	Baseline	11/1/2010	S00304060009	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-2	Baseline	11/1/2010	S00304060010	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-2	Additional	n/a	S00304060011	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-2	Enhanced	7/8/2013	S00304060012	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-2	Enhanced	7/8/2013	S00304060016	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-2	Enhanced	7/8/2013	S00304060021	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-2	Additional	n/a	S00304060025	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-2	Additional	n/a	S00304080023	Channel/Swale	TRM-Lined Swale	X	—	X	—
S-SMA-2	Enhanced	7/8/2013	S00305040014	Sediment Traps and Basins	Gravel Infiltration Strip	—	X	X	—
S-SMA-2	Enhanced	7/8/2013	S00306010017	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-2	Enhanced	7/8/2013	S00306010018	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-2	Enhanced	7/8/2013	S00306010019	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-2	Enhanced	7/8/2013	S00306010020	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-2.01	Additional	n/a	S003A02040009	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-2.01	Baseline	12/9/2010	S003A03010004	Berm	Earthen Berm	—	X	X	—
S-SMA-2.01	Baseline	12/9/2010	S003A04060003	Channel/Swale	Rip Rap	X	—	—	X
S-SMA-2.01	Enhanced	11/27/2012	S003A05020006	Sediment Traps and Basins	Sediment Basin	—	X	—	X
S-SMA-2.01	Enhanced	11/27/2012	S003A05020007	Sediment Traps and Basins	Sediment Basin	—	X	—	X
S-SMA-2.01	Enhanced	11/27/2012	S003A05020008	Sediment Traps and Basins	Sediment Basin	—	X	—	X
S-SMA-2.8	Additional	n/a	S00402040008	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-2.8	Baseline	12/9/2010	S00403010005	Berm	Earthen Berm	—	X	—	X
S-SMA-2.8	Baseline	12/9/2010	S00403020004	Berm	Base Course Berm	—	X	X	—
S-SMA-2.8	Additional	n/a	S00403060009	Berm	Straw Wattle	—	X	—	X
S-SMA-2.8	Additional	n/a	S00408040007	Cap	Metal Cap	X	—	X	—
S-SMA-3.51	Additional	n/a	S00502040013	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-3.51	Baseline	12/9/2010	S00503010005	Berm	Earthen Berm	—	X	—	X
S-SMA-3.51	Baseline	12/9/2010	S00506010007	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.51	Baseline	12/9/2010	S00506010009	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
S-SMA-3.51	Baseline	12/9/2010	S00506010010	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.51	Baseline	12/9/2010	S00506010012	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.51	Additional	n/a	S00506010014	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.51	Additional	n/a	S00506010015	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.52	Additional	n/a	S005A02040005	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-3.52	Additional	n/a	S005A03010004	Berm	Earthen Berm	—	X	X	—
S-SMA-3.52	Additional	n/a	S005A03060006	Berm	Straw Wattle	—	X	—	X
S-SMA-3.52	Additional	n/a	S005A03060007	Berm	Straw Wattle	—	X	—	X
S-SMA-3.53	Additional	n/a	S005B02040009	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-3.53	Baseline	12/9/2010	S005B03120005	Berm	Rock Berm	—	X	—	X
S-SMA-3.53	Enhanced	5/2/2013	S005B04040007	Channel/Swale	Culvert	X	—	X	—
S-SMA-3.53	Enhanced	5/2/2013	S005B04060006	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-3.53	Baseline	12/9/2010	S005B06010003	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.53	Baseline	12/9/2010	S005B06010004	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.53	Enhanced	5/2/2013	S005B08030008	Cap	Concrete/Asphalt Cap	X	—	—	X
S-SMA-3.6	Additional	n/a	S00602040021	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-3.6	Enhanced	11/27/2012	S00603010019	Berm	Earthen Berm	—	X	X	—
S-SMA-3.6	Enhanced	11/27/2012	S00603010020	Berm	Earthen Berm	—	X	X	—
S-SMA-3.6	Additional	n/a	S00603100030	Berm	Gravel Bags	—	X	X	—
S-SMA-3.6	Baseline	11/1/2010	S00604060002	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-3.6	Baseline	11/1/2010	S00604060010	Channel/Swale	Rip Rap	X	—	—	X
S-SMA-3.6	Baseline	11/1/2010	S00604060011	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-3.6	Additional	n/a	S00604060028	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-3.6	Additional	n/a	S00604060029	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-3.6	Baseline	11/1/2010	S00606010001	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.6	Baseline	11/1/2010	S00606010012	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.6	Baseline	11/1/2010	S00606010013	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.6	Baseline	11/1/2010	S00606010014	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
S-SMA-3.6	Enhanced	11/27/2012	S00606010016	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.6	Enhanced	11/27/2012	S00606010017	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.6	Enhanced	11/27/2012	S00606010018	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.6	Additional	n/a	S00606010031	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-3.6	Additional	n/a	S00606010032	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.6	Additional	n/a	S00606010033	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.6	Baseline	11/1/2010	S00607010007	Gabion	Gabions	—	X	X	—
S-SMA-3.6	Baseline	11/1/2010	S00607010008	Gabion	Gabions	—	X	X	—
S-SMA-3.6	Additional	n/a	S00607010026	Gabion	Gabions	X	—	X	—
S-SMA-3.6	Additional	n/a	S00607020024	Gabion	Gabion Blanket	X	—	X	—
S-SMA-3.6	Additional	n/a	S00607020025	Gabion	Gabion Blanket	X	—	X	—
S-SMA-3.7	Additional	n/a	S00702040006	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-3.7	Baseline	12/9/2010	S00703120004	Berm	Rock Berm	—	X	X	—
S-SMA-3.7	Baseline	12/9/2010	S00703120005	Berm	Rock Berm	—	X	—	X
S-SMA-3.7	Baseline	12/9/2010	S00704030003	Channel/Swale	Rock Channel/Swale	X	—	X	—
S-SMA-3.71	Additional	n/a	S00802040015	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-3.71	Additional	n/a	S00803010013	Berm	Earthen Berm	—	X	X	—
S-SMA-3.71	Additional	n/a	S00803010014	Berm	Earthen Berm	—	X	—	X
S-SMA-3.71	Baseline	12/9/2010	S00804020002	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	—	X
S-SMA-3.71	Baseline	12/9/2010	S00806010008	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.71	Baseline	12/9/2010	S00806010009	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.71	Baseline	12/9/2010	S00806010010	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.71	Baseline	12/9/2010	S00806010011	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.71	Baseline	12/9/2010	S00807010001	Gabion	Gabions	—	X	X	—
S-SMA-3.72	Additional	n/a	S00902040011	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-3.72	Additional	n/a	S00903010009	Berm	Earthen Berm	—	X	X	—
S-SMA-3.72	Additional	n/a	S00903010010	Berm	Earthen Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
S-SMA-3.72	Baseline	12/9/2010	S00903120003	Berm	Rock Berm	—	X	X	—
S-SMA-3.72	Baseline	12/9/2010	S00906010005	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.72	Baseline	12/9/2010	S00906010006	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.72	Baseline	12/9/2010	S00906010007	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-3.95	Additional	n/a	S01002040007	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-3.95	Additional	n/a	S01003060006	Berm	Straw Wattle	—	X	—	X
S-SMA-3.95	Additional	n/a	S01004010009	Channel/Swale	Earthen Channel/Swale	—	X	X	—
S-SMA-4.1	Enhanced	9/25/2012	S01101010007	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
S-SMA-4.1	Additional	n/a	S01103060012	Berm	Straw Wattle	—	X	—	X
S-SMA-4.1	Additional	n/a	S01103060013	Berm	Straw Wattle	—	X	—	X
S-SMA-4.1	Enhanced	9/25/2012	S01103090005	Berm	Curbing	—	X	X	—
S-SMA-4.1	Enhanced	9/25/2012	S01103120008	Berm	Rock Berm	—	X	—	X
S-SMA-4.1	Enhanced	9/25/2012	S01104020006	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
S-SMA-4.5	Additional	n/a	S01202040007	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-4.5	Baseline	4/26/2011	S01203010005	Berm	Earthen Berm	—	X	—	X
S-SMA-4.5	Additional	n/a	S01203060009	Berm	Straw Wattle	—	X	X	—
S-SMA-5	Additional	n/a	S01302040011	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-5	Additional	n/a	S01303030009	Berm	Log Berm	—	X	X	—
S-SMA-5	Additional	n/a	S01303060008	Berm	Straw Wattle	—	X	—	X
S-SMA-5	Baseline	4/26/2011	S01304060003	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-5.2	Additional	n/a	S01402040016	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-5.2	Additional	n/a	S01403120017	Berm	Rock Berm	—	X	—	X
S-SMA-5.2	Baseline	12/9/2010	S01404060011	Channel/Swale	Rip Rap	X	—	X	—
S-SMA-5.2	Baseline	12/9/2010	S01406010006	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-5.2	Baseline	12/9/2010	S01406010008	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-5.2	Baseline	12/9/2010	S01406010009	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-5.2	Baseline	12/9/2010	S01406010010	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
S-SMA-5.2	Additional	n/a	S01406010018	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-5.2	Additional	n/a	S01406010019	Check Dam	Rock Check Dam	—	X	—	X
S-SMA-5.5	Additional	n/a	S01502040005	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-5.5	Baseline	4/26/2011	S01503010004	Berm	Earthen Berm	—	X	—	X
S-SMA-6	Additional	n/a	S01602040012	Permanent Vegetation	Established Vegetation	X	—	—	X
S-SMA-6	Baseline	4/28/2011	S01603010006	Berm	Earthen Berm	—	X	X	—
S-SMA-6	Enhanced	10/15/2015	S01604020017	Channel/Swale	Concrete/Asphalt Channel/Swale	—	X	X	X
S-SMA-6	Enhanced	10/15/2015	S01604030015	Channel/Swale	Rock Channel/Swale	—	X	—	X
S-SMA-6	Additional	n/a	S01604060014	Channel/Swale	Rip Rap	—	X	X	—
S-SMA-6	Additional	n/a	S01606010013	Check Dam	Rock Check Dam	—	X	X	—
S-SMA-6	Enhanced	10/15/2015	S01606040016	Check Dam	Energy Dissipater	—	X	—	X
STRM-SMA-1.05	Additional	n/a	J02802040009	Permanent Vegetation	Established Vegetation	X	—	—	X
STRM-SMA-1.05	Baseline	11/1/2010	J02804060006	Channel/Swale	Rip Rap	X	—	—	X
STRM-SMA-1.05	Baseline	11/1/2010	J02806010004	Check Dam	Rock Check Dam	—	X	X	—
STRM-SMA-1.05	Baseline	11/1/2010	J02806010005	Check Dam	Rock Check Dam	—	X	X	—
STRM-SMA-1.05	Additional	n/a	J02806010007	Check Dam	Rock Check Dam	—	X	X	—
STRM-SMA-1.05	Enhanced	5/2/2013	J02808030008	Cap	Concrete/Asphalt Cap	—	—	—	—
STRM-SMA-1.5	Additional	n/a	J02902040018	Permanent Vegetation	Established Vegetation	X	—	—	X
STRM-SMA-1.5	Additional	n/a	J02903010009	Berm	Earthen Berm	—	X	X	—
STRM-SMA-1.5	Additional	n/a	J02903010011	Berm	Earthen Berm	—	X	X	—
STRM-SMA-1.5	Enhanced	7/8/2013	J02903010013	Berm	Earthen Berm	—	X	X	—
STRM-SMA-1.5	Enhanced	7/8/2013	J02903010014	Berm	Earthen Berm	—	X	—	X
STRM-SMA-1.5	Enhanced	7/8/2013	J02903120015	Berm	Rock Berm	—	X	—	X
STRM-SMA-1.5	Enhanced	9/4/2015	J02904010019	Channel/Swale	Earthen Channel/Swale	X	—	X	—
STRM-SMA-1.5	Enhanced	7/8/2013	J02904060016	Channel/Swale	Rip Rap	X	—	—	X
STRM-SMA-1.5	Enhanced	9/4/2015	J02904060020	Channel/Swale	Rip Rap	X	—	X	—
STRM-SMA-1.5	Enhanced	7/8/2013	J02908030017	Cap	Concrete/Asphalt Cap	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
STRM-SMA-4.2	Enhanced	8/17/2012	J03001010005	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
STRM-SMA-4.2	Additional	n/a	J03002040006	Permanent Vegetation	Established Vegetation	X	—	—	X
STRM-SMA-4.2	Baseline	11/1/2010	J03003010003	Berm	Earthen Berm	—	X	—	X
STRM-SMA-4.2	Enhanced	8/17/2012	J03003010004	Berm	Earthen Berm	—	X	—	X
STRM-SMA-4.2	Baseline	11/1/2010	J03004010002	Channel/Swale	Earthen Channel/Swale	X	—	X	—
STRM-SMA-5.05	Additional	n/a	J03102040013	Permanent Vegetation	Established Vegetation	X	—	—	X
STRM-SMA-5.05	Enhanced	6/27/2012	J03103010009	Berm	Earthen Berm	—	X	X	—
STRM-SMA-5.05	Enhanced	6/27/2012	J03103010010	Berm	Earthen Berm	—	X	—	X
STRM-SMA-5.05	Additional	n/a	J03103010012	Berm	Earthen Berm	—	X	X	—
STRM-SMA-5.05	Baseline	11/1/2010	J03103020004	Berm	Base Course Berm	—	X	—	X
T-SMA-1	Enhanced	5/12/2014	T00203010013	Berm	Earthen Berm	—	X	X	—
T-SMA-1	Enhanced	5/12/2014	T00203010014	Berm	Earthen Berm	—	X	X	—
T-SMA-1	Enhanced	5/12/2014	T00203010015	Berm	Earthen Berm	—	X	—	X
T-SMA-1	Additional	n/a	T00203060020	Berm	Straw Wattle	—	X	—	X
T-SMA-1	Additional	n/a	T00203060021	Berm	Straw Wattle	—	X	—	X
T-SMA-1	Additional	n/a	T00203060022	Berm	Straw Wattle	—	X	—	X
T-SMA-1	Enhanced	5/12/2014	T00204020016	Channel/Swale	Concrete/Asphalt Channel/Swale	X	—	X	—
T-SMA-1	Enhanced	5/12/2014	T00204040017	Channel/Swale	Culvert	X	—	X	—
T-SMA-1	Enhanced	5/12/2014	T00204040018	Channel/Swale	Culvert	X	—	X	—
T-SMA-1	Additional	n/a	T00206010024	Check Dam	Rock Check Dam	—	—	—	—
T-SMA-1	Additional	n/a	T00206010025	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-1	Additional	n/a	T00206010026	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-1	Additional	n/a	T00206010027	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-1	Baseline	12/13/2010	T00208010001	Cap	Earth Cap	X	—	X	—
T-SMA-1	Enhanced	5/12/2014	T00208010019	Cap	Earth Cap	X	—	X	—
T-SMA-2.5	Baseline	12/13/2010	T00304010002	Channel/Swale	Earthen Channel/Swale	X	—	X	—
T-SMA-2.5	Baseline	12/13/2010	T00306010003	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
T-SMA-2.5	Baseline	12/13/2010	T00306010004	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-2.5	Baseline	12/13/2010	T00306010005	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-2.5	Baseline	12/13/2010	T00308020001	Cap	Rock Cap	X	—	—	X
T-SMA-2.85	Additional	n/a	T00402040007	Permanent Vegetation	Established Vegetation	X	—	—	X
T-SMA-2.85	Baseline	12/13/2010	T00403090004	Berm	Curbing	—	X	X	—
T-SMA-2.85	Baseline	12/13/2010	T00406010005	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-2.85	Baseline	12/13/2010	T00406010006	Check Dam	Rock Check Dam	X	—	X	—
T-SMA-2.85	Additional	n/a	T00406010008	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-2.85	Additional	n/a	T00406010009	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-2.85	Additional	n/a	T00406010010	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-2.85	Additional	n/a	T00406010011	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-3	Additional	n/a	T00502040012	Permanent Vegetation	Established Vegetation	X	—	—	X
T-SMA-3	Baseline	12/13/2010	T00504060001	Channel/Swale	Rip Rap	X	—	X	—
T-SMA-3	Additional	n/a	T00506010013	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-3	Additional	n/a	T00506020010	Check Dam	Log Check Dam	—	X	—	X
T-SMA-3	Additional	n/a	T00506020011	Check Dam	Log Check Dam	—	X	—	X
T-SMA-3	Additional	n/a	T00506020014	Check Dam	Log Check Dam	—	X	—	X
T-SMA-4	Additional	n/a	T00602040011	Permanent Vegetation	Established Vegetation	X	—	—	X
T-SMA-4	Enhanced	10/15/2015	T00603010019	Berm	Earthen Berm	—	X	X	—
T-SMA-4	Enhanced	10/15/2015	T00603030020	Berm	Log Berm	—	X	—	X
T-SMA-4	Enhanced	10/15/2015	T00603030021	Berm	Log Berm	—	X	—	X
T-SMA-4	Enhanced	10/15/2015	T00603090012	Berm	Curbing	—	—	X	—
T-SMA-4	Enhanced	10/15/2015	T00603110013	Berm	Eco-Block	—	X	X	—
T-SMA-4	Enhanced	10/15/2015	T00603120015	Berm	Rock Berm	—	X	X	—
T-SMA-4	Enhanced	10/15/2015	T00603120016	Berm	Rock Berm	—	X	X	—
T-SMA-4	Enhanced	10/15/2015	T00603120017	Berm	Rock Berm	—	X	X	—
T-SMA-4	Enhanced	10/15/2015	T00603120018	Berm	Rock Berm	—	X	X	—
T-SMA-4	Enhanced	10/15/2015	T00604060014	Channel/Swale	Rip Rap	X	—	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
T-SMA-4	Enhanced	10/15/2015	T00604060022	Channel/Swale	Rip Rap	X	—	—	X
T-SMA-4	Baseline	12/13/2010	T00606010006	Check Dam	Rock Check Dam	—	X	X	—
T-SMA-4	Baseline	12/13/2010	T00606010007	Check Dam	Rock Check Dam	—	X	X	—
T-SMA-4	Baseline	12/13/2010	T00606010008	Check Dam	Rock Check Dam	—	X	X	—
T-SMA-5	Additional	n/a	T00702040012	Permanent Vegetation	Established Vegetation	X	—	—	X
T-SMA-5	Baseline	12/13/2010	T00703010008	Berm	Earthen Berm	—	X	X	—
T-SMA-5	Baseline	12/13/2010	T00703020003	Berm	Base Course Berm	—	X	X	—
T-SMA-5	Baseline	12/13/2010	T00703120010	Berm	Rock Berm	—	X	—	X
T-SMA-5	Baseline	12/13/2010	T00706010002	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-5	Baseline	12/13/2010	T00706010004	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-5	Baseline	12/13/2010	T00706010009	Check Dam	Rock Check Dam	—	X	X	—
T-SMA-5	Baseline	12/13/2010	T00706010011	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-5	Additional	n/a	T00706010013	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-5	Additional	n/a	T00706010014	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-6.8	Additional	n/a	T00802040008	Permanent Vegetation	Established Vegetation	X	—	—	—
T-SMA-6.8	Baseline	12/13/2010	T00803060002	Berm	Straw Wattle	—	X	X	—
T-SMA-6.8	Additional	n/a	T00803060005	Berm	Straw Wattle	—	X	X	—
T-SMA-6.8	Additional	n/a	T00803060006	Berm	Straw Wattle	—	X	X	—
T-SMA-6.8	Additional	n/a	T00803060007	Berm	Straw Wattle	—	X	X	—
T-SMA-6.8	Baseline	12/13/2010	T00803100003	Berm	Gravel Bags	—	X	—	X
T-SMA-7	Additional	n/a	T00902040011	Permanent Vegetation	Established Vegetation	X	—	—	X
T-SMA-7	Additional	n/a	T00903010009	Berm	Earthen Berm	—	X	X	—
T-SMA-7	Baseline	12/13/2010	T00903020008	Berm	Base Course Berm	—	X	X	—
T-SMA-7	Additional	n/a	T00903060013	Berm	Straw Wattle	—	X	—	X
T-SMA-7	Baseline	12/13/2010	T00906010002	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-7	Baseline	12/13/2010	T00906010003	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-7	Baseline	12/13/2010	T00906010006	Check Dam	Rock Check Dam	—	X	—	X
T-SMA-7	Baseline	12/13/2010	T00906010007	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
T-SMA-7.1	Additional	n/a	T01002040009	Permanent Vegetation	Established Vegetation	X	—	—	X
T-SMA-7.1	Additional	n/a	T01003010007	Berm	Earthen Berm	—	X	—	X
T-SMA-7.1	Additional	n/a	T01003010008	Berm	Earthen Berm	—	X	—	X
T-SMA-7.1	Baseline	12/13/2010	T01003020005	Berm	Base Course Berm	—	X	X	—
T-SMA-7.1	Additional	n/a	T01003060010	Berm	Straw Wattle	—	X	—	X
T-SMA-7.1	Baseline	12/13/2010	T01006020006	Check Dam	Log Check Dam	—	X	—	X
W-SMA-1	Additional	n/a	W00102040019	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-1	Enhanced	5/2/2013	W00103010014	Berm	Earthen Berm	—	X	X	—
W-SMA-1	Enhanced	5/2/2013	W00103010015	Berm	Earthen Berm	—	X	X	—
W-SMA-1	Baseline	11/1/2010	W00104060011	Channel/Swale	Rip Rap	X	—	X	—
W-SMA-1	Enhanced	5/2/2013	W00104060017	Channel/Swale	Rip Rap	X	—	—	X
W-SMA-1	Enhanced	5/2/2013	W00105030016	Sediment Traps and Basins	Sand Filter	—	X	—	X
W-SMA-1	Baseline	11/1/2010	W00106010008	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-1	Enhanced	5/2/2013	W00106010012	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-1	Enhanced	5/2/2013	W00106010013	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-1	Enhanced	5/2/2013	W00108020018	Cap	Rock Cap	X	—	—	—
W-SMA-1.5	Additional	n/a	W00202040017	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-1.5	Enhanced	9/25/2012	W00203010015	Berm	Earthen Berm	—	X	—	X
W-SMA-1.5	Enhanced	9/4/2015	W00203010020	Berm	Earthen Berm	—	X	—	X
W-SMA-1.5	Additional	n/a	W00203060018	Berm	Straw Wattle	—	X	X	—
W-SMA-1.5	Additional	n/a	W00203160019	Berm	Wood Chip Wattle	—	X	—	X
W-SMA-1.5	Baseline	12/22/2010	W00204060007	Channel/Swale	Rip Rap	X	—	—	X
W-SMA-1.5	Baseline	12/22/2010	W00204070002	Channel/Swale	Vegetated Swale	X	—	—	X
W-SMA-1.5	Baseline	12/22/2010	W00204070003	Channel/Swale	Vegetated Swale	X	—	—	X
W-SMA-1.5	Enhanced	9/25/2012	W00205020013	Sediment Traps and Basins	Sediment Basin	—	X	—	X
W-SMA-1.5	Enhanced	9/4/2015	W00205020021	Sediment Traps and Basins	Sediment Basin	—	X	—	X
W-SMA-1.5	Baseline	12/22/2010	W00206010008	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-1.5	Baseline	12/22/2010	W00206010009	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
W-SMA-1.5	Baseline	12/22/2010	W00206010010	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-1.5	Baseline	12/22/2010	W00206010011	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-1.5	Enhanced	9/25/2012	W00206010016	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-10	Additional	n/a	W01802040025	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-10	Enhanced	8/23/2012	W01803010022	Berm	Earthen Berm	—	X	—	X
W-SMA-10	Enhanced	8/23/2012	W01803010023	Berm	Earthen Berm	—	X	—	X
W-SMA-10	Enhanced	8/23/2012	W01803010024	Berm	Earthen Berm	—	X	—	X
W-SMA-10	Baseline	12/22/2010	W01803040010	Berm	Asphalt Berm	—	X	X	—
W-SMA-10	Baseline	12/22/2010	W01803040016	Berm	Asphalt Berm	—	X	X	—
W-SMA-10	Additional	n/a	W01803060028	Berm	Straw Wattle	—	X	—	X
W-SMA-10	Additional	n/a	W01803060029	Berm	Straw Wattle	—	X	—	X
W-SMA-10	Additional	n/a	W01803060030	Berm	Straw Wattle	—	X	—	X
W-SMA-10	Baseline	12/22/2010	W01803090002	Berm	Curbing	—	X	X	—
W-SMA-10	Additional	n/a	W01803100026	Berm	Gravel Bags	—	X	X	—
W-SMA-10	Additional	n/a	W01803100027	Berm	Gravel Bags	—	X	X	—
W-SMA-10	Baseline	12/22/2010	W01804060004	Channel/Swale	Rip Rap	X	—	—	—
W-SMA-10	Baseline	12/22/2010	W01804060013	Channel/Swale	Rip Rap	X	—	X	—
W-SMA-11.7	Additional	n/a	W01902040052	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-11.7	Additional	n/a	W01903010040	Berm	Earthen Berm	—	X	X	—
W-SMA-11.7	Enhanced	10/23/2012	W01903010041	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01903010042	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01903010043	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01903010044	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01903010045	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01903010046	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01903010047	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01903010048	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01903010049	Berm	Earthen Berm	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
W-SMA-11.7	Enhanced	10/23/2012	W01903010050	Berm	Earthen Berm	—	X	—	X
W-SMA-11.7	Enhanced	10/23/2012	W01904010051	Channel/Swale	Earthen Channel/Swale	X	—	X	—
W-SMA-12.05	Additional	n/a	W02002040018	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-12.05	Additional	n/a	W02003010015	Berm	Earthen Berm	—	X	—	X
W-SMA-12.05	Additional	n/a	W02003010016	Berm	Earthen Berm	—	X	—	X
W-SMA-12.05	Additional	n/a	W02003010017	Berm	Earthen Berm	—	X	—	X
W-SMA-12.05	Baseline	12/22/2010	W02004060002	Channel/Swale	Rip Rap	X	—	X	—
W-SMA-12.05	Baseline	12/22/2010	W02006010001	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-14.1	Additional	n/a	W02102040021	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-14.1	Enhanced	9/25/2012	W02103010016	Berm	Earthen Berm	—	X	—	X
W-SMA-14.1	Enhanced	9/25/2012	W02103010017	Berm	Earthen Berm	—	X	—	X
W-SMA-14.1	Enhanced	9/25/2012	W02103010018	Berm	Earthen Berm	—	X	—	X
W-SMA-14.1	Enhanced	9/25/2012	W02103010019	Berm	Earthen Berm	—	X	—	X
W-SMA-14.1	Enhanced	9/25/2012	W02103010020	Berm	Earthen Berm	—	X	X	—
W-SMA-14.1	Baseline	3/29/2011	W02104060014	Channel/Swale	Rip Rap	X	—	X	—
W-SMA-14.1	Baseline	3/29/2011	W02106010008	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-14.1	Baseline	3/29/2011	W02106010009	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-14.1	Baseline	3/29/2011	W02106010010	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-14.1	Baseline	3/29/2011	W02106010011	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-14.1	Baseline	3/29/2011	W02106010012	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-15.1	Additional	n/a	W02202040006	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-15.1	Enhanced	10/23/2012	W02203010004	Berm	Earthen Berm	—	X	X	—
W-SMA-15.1	Enhanced	10/23/2012	W02203010005	Berm	Earthen Berm	—	X	—	X
W-SMA-2.05	Additional	n/a	W00302040010	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-2.05	Enhanced	9/25/2012	W00303010007	Berm	Earthen Berm	—	X	—	X
W-SMA-2.05	Enhanced	9/25/2012	W00303010008	Berm	Earthen Berm	—	X	—	X
W-SMA-2.05	Enhanced	9/25/2012	W00306010009	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-3.5	Additional	n/a	W00402040008	Permanent Vegetation	Established Vegetation	X	—	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
W-SMA-3.5	Additional	n/a	W00403060009	Berm	Straw Wattle	—	X	X	—
W-SMA-3.5	Additional	n/a	W00403060010	Berm	Straw Wattle	—	X	X	—
W-SMA-3.5	Additional	n/a	W00403060011	Berm	Straw Wattle	—	X	X	—
W-SMA-3.5	Additional	n/a	W00403060012	Berm	Straw Wattle	—	X	X	—
W-SMA-3.5	Baseline	12/22/2010	W00404060003	Channel/Swale	Rip Rap	X	—	—	X
W-SMA-3.5	Baseline	12/22/2010	W00406010007	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-4.1	Additional	n/a	W00502040006	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-4.1	Additional	n/a	W00503060007	Berm	Straw Wattle	—	X	—	X
W-SMA-4.1	Additional	n/a	W00503060008	Berm	Straw Wattle	—	X	X	—
W-SMA-5	Additional	n/a	W00602040029	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-5	Baseline	12/22/2010	W00604040011	Channel/Swale	Culvert	X	—	X	—
W-SMA-5	Additional	n/a	W00604050033	Channel/Swale	Water Bar	X	—	X	—
W-SMA-5	Baseline	12/22/2010	W00604060006	Channel/Swale	Rip Rap	X	—	X	—
W-SMA-5	Baseline	12/22/2010	W00606010003	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Baseline	12/22/2010	W00606010012	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Baseline	12/22/2010	W00606010013	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Baseline	12/22/2010	W00606010014	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Baseline	12/22/2010	W00606010015	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Baseline	12/22/2010	W00606010017	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Additional	n/a	W00606010021	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Additional	n/a	W00606010022	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Additional	n/a	W00606010023	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Additional	n/a	W00606010024	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Additional	n/a	W00606010025	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-5	Additional	n/a	W00606010026	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-5	Additional	n/a	W00606010027	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-5	Additional	n/a	W00606010028	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-5	Additional	n/a	W00606010031	Check Dam	Rock Check Dam	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
W-SMA-5	Additional	n/a	W00606010032	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-6	Additional	n/a	W00701010007	Seed and Mulch	Seed and Wood Mulch	X	—	—	—
W-SMA-6	Additional	n/a	W00702040004	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-6	Additional	n/a	W00703060005	Berm	Straw Wattle	—	X	—	X
W-SMA-6	Additional	n/a	W00703060006	Berm	Straw Wattle	—	X	—	X
W-SMA-7	Enhanced	9/28/2015	W00801030048	Seed and Mulch	Hydromulch	X	—	—	—
W-SMA-7	Additional	n/a	W00802040014	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-7	Enhanced	9/28/2015	W00803010049	Berm	Earthen Berm	—	X	—	X
W-SMA-7	Baseline	12/22/2010	W00803060010	Berm	Straw Wattle	—	X	X	—
W-SMA-7	Additional	n/a	W00803060017	Berm	Straw Wattle	—	X	—	X
W-SMA-7	Additional	n/a	W00803060018	Berm	Straw Wattle	—	X	—	X
W-SMA-7	Additional	n/a	W00803060019	Berm	Straw Wattle	—	X	—	X
W-SMA-7	Additional	n/a	W00803060024	Berm	Straw Wattle	—	X	—	X
W-SMA-7	Additional	n/a	W00803060025	Berm	Straw Wattle	—	X	—	X
W-SMA-7	Enhanced	9/28/2015	W00803140035	Berm	Coir Log	—	X	—	X
W-SMA-7	Enhanced	9/28/2015	W00803140036	Berm	Coir Log	—	X	—	X
W-SMA-7	Enhanced	9/28/2015	W00803140037	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140038	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140039	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140040	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140041	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140042	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140043	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140044	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140045	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140046	Berm	Coir Log	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00803140047	Berm	Coir Log	—	X	X	—
W-SMA-7	Baseline	12/22/2010	W00806010001	Check Dam	Rock Check Dam	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
W-SMA-7	Baseline	12/22/2010	W00806010003	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-7	Baseline	12/22/2010	W00806010004	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-7	Additional	n/a	W00806010015	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-7	Additional	n/a	W00806010016	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-7	Enhanced	9/28/2015	W00806010026	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00806010027	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00806010028	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00806010029	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-7	Enhanced	9/28/2015	W00806010030	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00806010031	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00806010032	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00806010033	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7	Enhanced	9/28/2015	W00806010034	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7	Additional	n/a	W00808040023	Cap	Metal Cap	—	—	X	—
W-SMA-7.8	Additional	n/a	W00902040009	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-7.8	Baseline	12/22/2010	W00903010004	Berm	Earthen Berm	—	X	X	—
W-SMA-7.8	Baseline	12/22/2010	W00904060003	Channel/Swale	Rip Rap	X	—	X	—
W-SMA-7.8	Baseline	12/22/2010	W00906010001	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7.8	Baseline	12/22/2010	W00906010005	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7.8	Baseline	12/22/2010	W00906010006	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-7.8	Baseline	12/22/2010	W00906010007	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-7.9	Additional	n/a	W01002040004	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-7.9	Baseline	12/22/2010	W01006010003	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-8	Additional	n/a	W01102040009	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-8	Enhanced	8/10/2015	W01103010012	Berm	Earthen Berm	—	X	X	—
W-SMA-8	Enhanced	8/10/2015	W01103010013	Berm	Earthen Berm	—	X	X	—
W-SMA-8	Enhanced	8/10/2015	W01103010014	Berm	Earthen Berm	—	X	X	—
W-SMA-8	Enhanced	8/10/2015	W01103010015	Berm	Earthen Berm	—	X	X	—

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
W-SMA-8	Enhanced	8/10/2015	W01103040010	Berm	Asphalt Berm	X	—	X	—
W-SMA-8	Baseline	12/22/2010	W01106010006	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-8	Additional	n/a	W01106010011	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-8	Enhanced	8/10/2015	W01106010016	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-8.7	Additional	n/a	W01202040011	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-8.7	Baseline	12/22/2010	W01203060010	Berm	Straw Wattle	—	X	—	X
W-SMA-8.7	Baseline	12/22/2010	W01206010006	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-8.7	Baseline	12/22/2010	W01206010007	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-8.7	Baseline	12/22/2010	W01206010008	Check Dam	Rock Check Dam	—	X	X	—
W-SMA-8.71	Additional	n/a	W012A02040006	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-8.71	Enhanced	11/27/2012	W012A03010005	Berm	Earthen Berm	—	X	X	—
W-SMA-8.71	Enhanced	9/4/2015	W012A03010007	Berm	Earthen Berm	—	X	—	X
W-SMA-8.71	Additional	n/a	W012A03060008	Berm	Straw Wattle	—	X	—	X
W-SMA-8.71	Additional	n/a	W012A03060009	Berm	Straw Wattle	—	X	—	X
W-SMA-9.05	Additional	n/a	W01302040013	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-9.05	Baseline	12/22/2010	W01303010003	Berm	Earthen Berm	—	X	X	—
W-SMA-9.05	Additional	n/a	W01303010010	Berm	Earthen Berm	—	X	—	X
W-SMA-9.05	Additional	n/a	W01303010011	Berm	Earthen Berm	—	X	—	X
W-SMA-9.05	Baseline	12/22/2010	W01304010004	Channel/Swale	Earthen Channel/Swale	X	—	X	—
W-SMA-9.05	Baseline	12/22/2010	W01306010001	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-9.05	Additional	n/a	W01306010012	Check Dam	Rock Check Dam	—	X	—	X
W-SMA-9.5	Additional	n/a	W01402040008	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-9.5	Additional	n/a	W01403010006	Berm	Earthen Berm	—	X	X	—
W-SMA-9.5	Additional	n/a	W01403010007	Berm	Earthen Berm	—	X	X	—
W-SMA-9.5	Baseline	11/1/2010	W01403060002	Berm	Straw Wattle	—	X	—	X
W-SMA-9.5	Baseline	11/1/2010	W01403060003	Berm	Straw Wattle	—	X	—	X
W-SMA-9.7	Additional	n/a	W01502040008	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-9.7	Additional	n/a	W01503060009	Berm	Straw Wattle	—	X	—	X

SMA	Control	Certification Date	BMP ID	Type of Control	Description	EC[a]	SC[b]	RON[c]	ROFF[d]
W-SMA-9.7	Additional	n/a	W01503060011	Berm	Straw Wattle	—	X	X	—
W-SMA-9.7	Additional	n/a	W01503060016	Berm	Straw Wattle	—	X	X	—
W-SMA-9.7	Additional	n/a	W01503060018	Berm	Straw Wattle	—	X	—	X
W-SMA-9.7	Additional	n/a	W01503060019	Berm	Straw Wattle	—	X	X	—
W-SMA-9.7	Additional	n/a	W01503100017	Berm	Gravel Bags	—	X	X	—
W-SMA-9.7	Baseline	12/22/2010	W01506030004	Check Dam	Juniper Bales	—	X	X	—
W-SMA-9.7	Baseline	12/22/2010	W01506030005	Check Dam	Juniper Bales	—	X	X	—
W-SMA-9.8	Additional	n/a	W01602040012	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-9.8	Baseline	12/22/2010	W01603020007	Berm	Base Course Berm	—	X	X	—
W-SMA-9.8	Baseline	12/22/2010	W01603060010	Berm	Straw Wattle	—	X	—	X
W-SMA-9.9	Additional	n/a	W01702040022	Permanent Vegetation	Established Vegetation	X	—	—	X
W-SMA-9.9	Enhanced	6/27/2012	W01703010017	Berm	Earthen Berm	—	X	X	—
W-SMA-9.9	Enhanced	6/27/2012	W01703010018	Berm	Earthen Berm	—	X	—	X
W-SMA-9.9	Enhanced	6/27/2012	W01703010019	Berm	Earthen Berm	—	X	—	X
W-SMA-9.9	Enhanced	6/27/2012	W01703010020	Berm	Earthen Berm	—	X	—	X
W-SMA-9.9	Baseline	12/22/2010	W01703090001	Berm	Curbing	—	X	X	—

[a] EC = Erosion control.

[b] SC = Sediment control.

[c] RON = Run-on Control.

[d] ROFF = Runoff control.

[e] n/a = Not applicable.

[f] X = Control performs the identified function.

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

Appendix D

Compliance Status Reports

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/6/2013
--	--	--	--	--	R00103030006: Log Berm	BCM	4/29/2011	12/6/2010
--	--	--	--	--	R00103060021: Straw Wattle	BCM	--	8/23/2012
--	--	--	--	--	R00103060023: Straw Wattle	BCM	--	8/23/2012
--	--	--	--	--	R00103060024: Straw Wattle	BCM	--	8/23/2012
--	--	--	--	--	R00103060026: Straw Wattle	BCM	--	7/22/2013
--	--	--	--	--	R00103060027: Straw Wattle	BCM	--	7/22/2013
--	--	--	--	--	R00103060028: Straw Wattle	CA	--	8/4/2015
--	--	--	--	--	R00103060029: Straw Wattle	CA	--	8/4/2015
--	--	--	--	--	R00103060030: Straw Wattle	CA	--	8/4/2015
--	--	--	--	--	R00103060031: Straw Wattle	CA	--	8/4/2015
--	--	--	--	--	R00103060032: Straw Wattle	CA	--	8/4/2015
--	--	--	--	--	R00103060033: Straw Wattle	CA	--	8/4/2015
--	--	--	--	--	R00103060034: Straw Wattle	CA	--	8/4/2015
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Comments: No confirmation monitoring was conducted in 2015. Sampling 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/6/2013
--	--	--	--	--	R00204060006: Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	R00204060007: Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	R00204060009: Rip Rap	BCM	--	10/30/2014
--	--	--	--	--	R00204060010: Rip Rap	BCM	--	10/30/2014
--	--	--	--	--	R00206010005: Rock Check Dam	BCM	4/29/2011	4/26/2011
--	--	--	--	--	R00207010002: Gabions	BCM	4/29/2011	4/26/2011
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Comments: No confirmation monitoring was conducted in 2015. A Certificate of Completion under NMED's Consent Order was requested on 8/13/2015 for Site C-00-041 and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015.

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.	[signature]	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	R00301010022: Seed and Wood Mulch	BCM	--	11/5/2014
--	--	--	--	--	R00302040008: Established Vegetation	BCM	--	5/6/2013
--	--	--	--	--	R00303010021: Earthen Berm	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00303060005: Straw Wattle	BCM	4/29/2011	12/6/2010
--	--	--	--	--	R00303060007: Straw Wattle	BCM	--	11/5/2012
--	--	--	--	--	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

Comments: The sampler was activated for corrective action monitoring on 3/30/2015 at 8:00 AM. The sampler was shut down for the winter on 12/14/2015 at 8:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system; or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	R00303140020: Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	R00304010003: Earthen Channel/Swale	BCM	4/29/2011	12/6/2010
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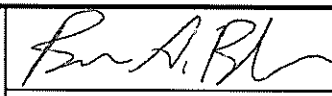
Comments: The sampler was activated for corrective action monitoring on 3/30/2015 at 8:00 AM. The sampler was shut down for the winter on 12/14/2015 at 8:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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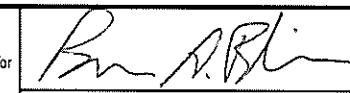
Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 12:21 PM. The sampler was shut down for the winter on 11/24/2015 at 11:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	R00503060005: Straw Wattle	BCM	--	11/13/2013
--	--	--	--	--	R00503060006: Straw Wattle	BCM	--	11/13/2013
--	--	--	--	--	R00503060007: Straw Wattle	BCM	--	11/13/2013
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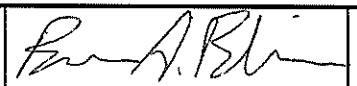
Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 6/14/2013 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	R00602040007: Established Vegetation	BCM	--	5/6/2013
--	--	--	--	--	R00604060004: Rip Rap	BCM	4/29/2011	12/6/2010
--	--	--	--	--	R00606010003: Rock Check Dam	BCM	4/29/2011	12/6/2010
--	--	--	--	--	R00606010005: Rock Check Dam	BCM	4/29/2011	12/6/2010
--	--	--	--	--	R00606010006: Rock Check Dam	BCM	4/29/2011	12/6/2010
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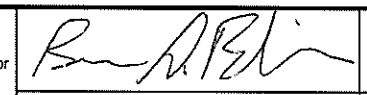
Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 1:30 PM. The sampler was shut down for the winter on 12/4/2015 at 9:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	B00102040012: Established Vegetation	BCM	--	5/14/2013
--	--	--	--	--	B00103010006: Earthen Berm	BCM	4/29/2011	12/8/2010
--	--	--	--	--	B00103010007: Earthen Berm	BCM	4/29/2011	12/8/2010
--	--	--	--	--	B00103060010: Straw Wattle	BCM	--	11/8/2012
--	--	--	--	--	B00103060013: Straw Wattle	CA	--	6/15/2015
--	--	--	--	--	B00103140014: Coir Log	CA	--	8/18/2015
--	--	--	--	--	B00104010005: Earthen Channel/Swale	BCM	4/29/2011	12/8/2010
--	--	--	--	--	B00104040003: Culvert	BCM	4/29/2011	12/8/2010
--	--	--	--	--	B00104060009: Rip Rap	BCM	--	8/27/2012
--	--	--	--	--	B00106010008: Rock Check Dam	BCM	4/29/2011	12/8/2010
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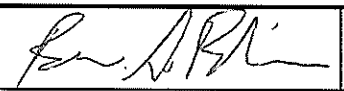
Comments: No confirmation monitoring was conducted in 2015. A Certificate of Completion under NMED's Consent Order was requested on 6/15/2015 for all associated Sites and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/6/2013
--	--	--	--	--	B00206010003: Rock Check Dam	BCM	4/29/2011	12/6/2010
--	--	--	--	--	B00206010004: Rock Check Dam	BCM	4/29/2011	12/6/2010
--	--	--	--	--	B00206010005: Rock Check Dam	BCM	4/29/2011	12/6/2010
--	--	--	--	--	B00206010006: Rock Check Dam	BCM	4/29/2011	12/6/2010
--	--	--	--	--	B00206010007: Rock Check Dam	BCM	4/29/2011	12/6/2010
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Comments: No confirmation monitoring was conducted in 2015. Sampling 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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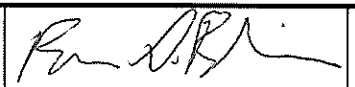
Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 8/21/2011 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	P00206010013: Rock Check Dam	BCM	12/1/2010	11/1/2010
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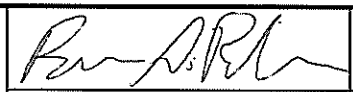
Comments: No confirmation monitoring was conducted in 2015. Sampling was completed at Sites 45-001, 45-002 and 45-004 on 3/7/2013 with certification of completion of corrective action per E.2(d). A Certificate of Completion under NMED's Consent Order was requested on 09/30/2014 for Site 01-002(b)-00 and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	P002A03060009: Straw Wattle	BCM	--	12/3/2015
--	--	--	--	--	P002A04060002: Rip Rap	BCM	4/29/2011	12/6/2010
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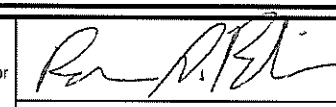
Comments: The sampler was activated for baseline monitoring on 4/13/2015 at 2:30 PM. The sampler was shut down for the winter on 12/17/2015 at 2:10 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00302040019: Established Vegetation	BCM	--	5/8/2013
--	--	--	--	--	P00303010009: Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00304060011: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00306010015: Rock Check Dam	BCM	12/1/2010	11/1/2010
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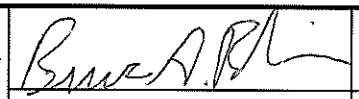
Comments: No confirmation monitoring was conducted in 2015. A Certificate of Completion under NMED's Consent Order was requested on 9/30/2014 for Site 01-002(b)-00 and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	P00403010019: Earthen Berm	CA	--	11/3/2015
--	--	--	--	--	P00403010020: Earthen Berm	CA	--	11/3/2015
--	--	--	--	--	P00403140009: Coir Log	BCM	--	5/8/2014
--	--	--	--	--	P00403140021: Coir Log	CA	--	11/3/2015
--	--	--	--	--	P00404050017: Water Bar	CA	--	11/3/2015
--	--	--	--	--	P00404050018: Water Bar	CA	--	11/3/2015
--	--	--	--	--	P00404060022: Rip Rap	CA	--	11/3/2015
--	--	--	--	--	P00406010012: Rock Check Dam	BCM	--	5/8/2014
--	--	--	--	--	P00406010013: Rock Check Dam	BCM	--	5/8/2014
--	--	--	--	--	P00406010014: Rock Check Dam	BCM	--	5/8/2014
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Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 9/16/2013 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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	P00502040040: Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	P00503060021: Straw Wattle	BCM	--	10/6/2011
--	--	--	--	--	P00503080003: Retaining Wall	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00504020005: Concrete/Asphalt Channel/Swale	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00504020009: Concrete/Asphalt Channel/Swale	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00504040004: Culvert	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00504040016: Culvert	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00504060002: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00504060013: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00504060046: Rip Rap	BCM	--	4/17/2015
--	--	--	--	--	P00507010048: Gabion	BCM	--	4/17/2015
--	--	--	--	--	P00507010049: Gabion	BCM	--	4/17/2015
--	--	--	--	--	P00508030047: Concrete/Asphalt Cap	BCM	--	4/17/2015
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Comments: The sampler was activated for baseline monitoring on 4/24/2015 at 1:45 PM. The sampler was inoperable because of equipment failure - flooded battery box - on 6/8/2015 at 9:26 AM (estimated at immediately after last known operable time) and was reset on 8/6/2015 at 1:10 PM (inoperable up to 59.2 d). The sampler was shut down for the winter on 11/17/2015 at 2:10 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	P00603020009: Base Course Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00603020010: Base Course Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00603120008: Rock Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00604010001: Earthen Channel/Swale	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00604020006: Concrete/Asphalt Channel/Swale	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00604060002: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	P00604060003: Rip Rap	BCM	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 4/16/2015 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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/24/2015 at 9:30 AM. The sampler attempted but was unable to collect a sample on 5/5/2015 at 12:39 PM and was reset on 5/8/2015 at 12:30 PM (inoperable 3 d). The sampler attempted but was unable to collect a sample on 7/29/2015 at 6:26 PM and was reset on 8/04/2015 at 9:08 AM (inoperable 5.6 d). The sampler was shut down for the winter on 12/14/2015 at 9:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	P00802040025: Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	P00803010027: Earthen Berm	BCM	--	5/2/2014
--	--	--	--	--	P00803010028: Earthen Berm	BCM	--	5/2/2014
--	--	--	--	--	P00803010029: Earthen Berm	BCM	--	5/2/2014
--	--	--	--	--	P00803010030: Earthen Berm	BCM	--	5/2/2014
--	--	--	--	--	P00803020012: Base Course Berm	BCM	4/29/2011	4/28/2011
--	--	--	--	--	P00804020005: Concrete/Asphalt Channel/Swale	BCM	4/29/2011	4/28/2011
--	--	--	--	--	P00804060001: Rip Rap	BCM	4/29/2011	4/28/2011
--	--	--	--	--	P00804080017: TRM-Lined Swale	BCM	4/29/2011	4/28/2011
--	--	--	--	--	P00806010018: Rock Check Dam	BCM	4/29/2011	4/28/2011
--	--	--	--	--	P00806010019: Rock Check Dam	BCM	4/29/2011	4/28/2011
--	--	--	--	--	P00806010020: Rock Check Dam	BCM	4/29/2011	4/28/2011
--	--	--	--	--	P00806010021: Rock Check Dam	BCM	4/29/2011	4/28/2011
--	--	--	--	--	P00806010022: Rock Check Dam	BCM	4/29/2011	4/28/2011
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Comments: The sampler was activated for baseline monitoring on 3/24/2015 at 12:30 PM. The sampler was shut down for the winter on 12/14/2015 at 10:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	P00903010008: Earthen Berm	BCM	4/29/2011	12/6/2010
--	--	--	--	--	P00903010009: Earthen Berm	BCM	4/29/2011	12/6/2010
--	--	--	--	--	P00903010010: Earthen Berm	BCM	--	5/18/2011
--	--	--	--	--	P00903020007: Base Course Berm	BCM	4/29/2011	12/6/2010
--	--	--	--	--	P00904050005: Water Bar	BCM	4/29/2011	12/6/2010
--	--	--	--	--	P00904050006: Water Bar	BCM	4/29/2011	12/6/2010
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Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 4/16/2015 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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/9/2013
--	--	--	--	--	L00103010008: Earthen Berm	CA	11/22/2012	10/23/2012
--	--	--	--	--	L00103090006: Curbing	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L00106010010: Rock Check Dam	CA	--	10/23/2015
--	--	--	--	--	L00107010004: Gabions	BCM	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L00203010022: Earthen Berm	BCM	--	6/4/2014
--	--	--	--	--	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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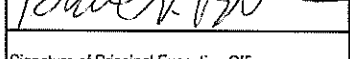
Comments: The sampler was activated for baseline monitoring on 4/21/2015 at 9:30 AM. The sampler was shut down for the winter on 12/9/2015 at 1:10 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/9/2013
--	--	--	--	--	L00303010019: Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	L00303060016: Straw Wattle	BCM	--	7/26/2012
--	--	--	--	--	L00303060026: Straw Wattle	BCM	--	11/14/2014
--	--	--	--	--	L00303100015: Gravel Bags	BCM	--	5/15/2012
--	--	--	--	--	L00303120018: Rock Berm	BCM	--	8/2/2012
--	--	--	--	--	L00303120027: Rock Berm	CA	--	6/30/2015
--	--	--	--	--	L00304020005: Concrete/Asphalt Channel/Swale	BCM	4/29/2011	12/9/2010
--	--	--	--	--	L00304030020: Rock Channel/Swale	CA	12/27/2012	11/27/2012
--	--	--	--	--	L00304040004: Culvert	BCM	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	BCM	--	10/31/2012
--	--	--	--	--	L00304060024: Rip Rap	BCM	--	10/31/2012
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at Site C-00-044 on 5/6/2015. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) at Site 00-017 on 9/27/2015.

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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/9/2013
--	--	--	--	--	L00404060003: Rip Rap	BCM	4/29/2011	12/8/2010
--	--	--	--	--	L00404060005: Rip Rap	BCM	--	9/29/2011
--	--	--	--	--	L00406010004: Rock Check Dam	BCM	4/29/2011	12/8/2010
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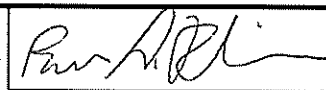
Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 11/29/2012 with certification of completion of corrective action under E.2(d).

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/9/2013
--	--	--	--	--	L00503010007: Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	L00503020001: Base Course Berm	BCM	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	--	5/13/2013
--	--	--	--	--	L00603060012: Straw Wattle	CA	10/25/2014	9/25/2014
--	--	--	--	--	L00603060013: Straw Wattle	CA	10/25/2014	9/25/2014
--	--	--	--	--	L00603080002: Retaining Wall	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L00603140014: Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	L00604010010: Earthen Channel/Swale	BCM	--	10/19/2012
--	--	--	--	--	L00604060006: Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L00605020016: Sediment Basin	CA	10/25/2014	9/25/2014
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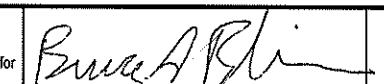
Comments: The sampler was activated for corrective action monitoring on 4/13/2015 at 10:00 AM. Seasonal deactivation pending.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/13/2013
--	--	--	--	--	L00703060008: Straw Wattle	CA	--	11/17/2014
--	--	--	--	--	L00703080002: Retaining Wall	BCM	4/29/2011	12/8/2010
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Comments: No confirmation monitoring was conducted in 2015. Sampling 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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/14/2013
--	--	--	--	--	L00803140009: Coir Log	BCM	--	11/19/2015
--	--	--	--	--	L00804040004: Culvert	BCM	12/1/2010	11/1/2010
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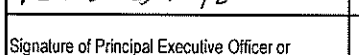
Comments: The sampler was activated for baseline monitoring on 4/13/2015 at 11:00 AM. The sampler was shut down for the winter on 12/16/2015 at 2:12 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L00902040005: Established Vegetation	BCM	--	5/14/2013
--	--	--	--	--	L00903060004: Straw Wattle	BCM	--	6/4/2012
--	--	--	--	--	L00904040002: Culvert	BCM	4/29/2011	12/8/2010
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Comments: The sampler was activated for baseline monitoring on 4/13/2015 at 12:00 PM. The sampler was shut down for the winter on 12/9/2015 at 11:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L01002040010: Established Vegetation	BCM	--	4/2/2013
--	--	--	--	--	L01004060004: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L01004060005: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L01006010009: Rock Check Dam	BCM	--	9/1/2011
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L01104050003: Water Bar	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L01104050004: Water Bar	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L01104050006: Water Bar	BCM	12/1/2010	11/1/2010
--	--	--	--	--	L01104050007: Water Bar	BCM	12/1/2010	11/1/2010
--	--	--	--	--	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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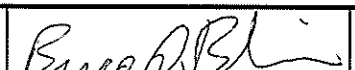
Comments: The sampler was activated for baseline monitoring on 4/13/2015 at 1:00 PM. The sampler was shut down for the winter on 12/9/2015 at 11:25 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	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
--	--	--	--	--	L01203060013: Straw Wattle	BCM	--	4/21/2014
--	--	--	--	--	L01203060024: Straw Wattle	BCM	--	11/23/2015
--	--	--	--	--	L01203060025: Straw Wattle	BCM	--	11/23/2015
--	--	--	--	--	L01203100023: Gravel Bags	BCM	--	8/4/2015
--	--	--	--	--	L01203120010: Rock Berm	BCM	4/29/2011	12/16/2010
--	--	--	--	--	L01204050008: Water Bar	BCM	4/29/2011	12/16/2010
--	--	--	--	--	L01204050009: Water Bar	BCM	4/29/2011	12/16/2010
--	--	--	--	--	L01204060006: Rip Rap	BCM	4/29/2011	12/8/2010
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Comments: The sampler was activated for baseline monitoring on 4/13/2015 at 2:00 PM. The sampler was shut down for the winter on 12/16/2015 at 2:50 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015.	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	BCM	--	4/2/2013
--	--	--	--	--	L012A03060019: Straw Wattle	CA	--	11/18/2014
--	--	--	--	--	L012A03060020: Straw Wattle	CA	--	11/18/2014
--	--	--	--	--	L012A03060023: Straw Wattle	CA	--	8/4/2015
--	--	--	--	--	L012A03090022: Curbing	CA	--	11/3/2014
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Comments: No confirmation monitoring was conducted in 2015. Sampling 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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L01302040005: Established Vegetation	BCM	--	5/16/2013
--	--	--	--	--	L01306020006: Log Check Dam	BCM	--	5/29/2013
--	--	--	--	--	L01306020007: Log Check Dam	BCM	--	5/29/2013
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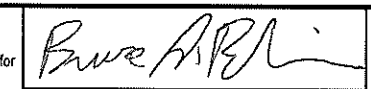
Comments: The sampler was activated for baseline monitoring on 4/10/2015 at 11:00 AM. The sampler attempted but was unable to collect a sample on 9/22/2015 at 5:11 PM and was reset on 9/23/2015 at 9:50 AM (inoperable 0.7 d). The sampler attempted but was unable to collect a sample on 10/04/2015 at 2:48 AM and was reset on 10/22/2015 at 1:20 PM (inoperable 18.4 d). The sampler was shut down for the winter on 12/4/2015 at 9:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L01503120010: Rock Berm	CA	8/26/2012	7/27/2012
--	--	--	--	--	L01503120011: Rock Berm	CA	8/26/2012	7/27/2012
--	--	--	--	--	L01504040014: Culvert	CA	--	11/27/2012
--	--	--	--	--	L01504060013: Rip Rap	CA	--	11/27/2012
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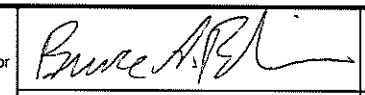
Comments: The sampler was activated for corrective action monitoring on 4/16/2015 at 11:30 AM. The sampler was shut down for the winter on 12/3/2015 at 12:10 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/14/2013
--	--	--	--	--	L01603010009: Earthen Berm	CA	8/29/2012	7/30/2012
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Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 3/7/2013 with certification of completion of corrective action under E.2(d). Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L01702040010: Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L01703020012: Base Course Berm	BCM	--	6/10/2015
--	--	--	--	--	L01706010009: Rock Check Dam	BCM	--	7/12/2011
--	--	--	--	--	L01708020013: Rock Cap	BCM	--	6/10/2015
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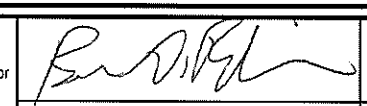
Comments: The sampler was activated for baseline monitoring on 6/25/2015 at 11:30 AM. The sampler was shut down for the winter on 12/9/2015 at 10:40 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L017A06010006: Rock Check Dam	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L017A08020013: Rock Cap	BCM	--	6/10/2015
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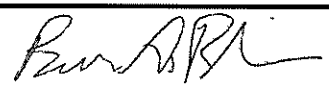
Comments: The sampler was activated for baseline monitoring on 4/24/2015 at 1:01 PM. The sampler was shut down for the winter on 12/9/2015 at 10:35 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	3/29/2011
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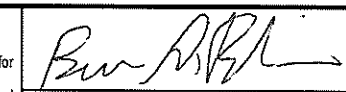
Comments: The sampler was activated for corrective action monitoring on 4/10/2015 at 12:00 PM. The sampler was shut down for the winter on 12/3/2015 at 1:00 PM.

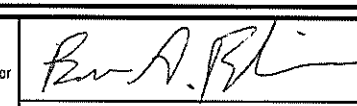
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L018A01010006: Seed and Wood Mulch	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L018A01060021: Erosion Control Blanket	CA	11/27/2015	10/28/2015
--	--	--	--	--	L018A02040007: Established Vegetation	BCM	--	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
--	--	--	--	--	L018A03140015: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	L018A03140016: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	L018A03140017: 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

Comments: The sampler was activated for corrective action monitoring on 11/3/2015 at 12:53 PM. The sampler was shut down for the winter on 12/17/2015 at 2:40 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L018B01010003: Seed and Wood Mulch	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L018B02040007: Established Vegetation	BCM	--	4/11/2013
--	--	--	--	--	L018B03010002: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L018B03060004: Straw Wattle	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L018B03060008: Straw Wattle	BCM	--	11/5/2013
--	--	--	--	--	L018B03060009: Straw Wattle	BCM	--	11/5/2013
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Comments: The sampler was activated for baseline monitoring on 4/10/2015 at 1:00 PM. The sampler was shut down for the winter on 12/3/2015 at 1:30 PM.

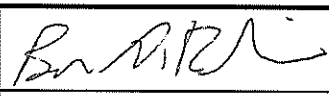
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	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
--	--	--	--	--	L018C03140028: Coir Log	CA	--	9/17/2014
--	--	--	--	--	L018C03140029: Coir Log	CA	--	9/17/2014
--	--	--	--	--	L018C03140030: Coir Log	CA	--	9/17/2014
--	--	--	--	--	L018C03140031: Coir Log	CA	--	8/17/2015
--	--	--	--	--	L018C03140032: Coir Log	CA	--	8/17/2015
--	--	--	--	--	L018C04030013: Rock Channel/Swale	CA	10/25/2014	9/25/2014
--	--	--	--	--	L018C04080016: TRM-Lined Swale	CA	--	8/22/2014

Comments: The sampler was activated for corrective action monitoring on 4/10/2015 at 2:00 PM. The sampler was inoperable because of disturbed equipment on 8/3/2015 at 2:11 PM (estimated at immediately after last known operable time) and was reset on 9/14/2015 at 3:37 PM (inoperable up to 42 d). The sampler was shut down for the winter on 12/3/2015 at 1:15 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L018C06010017: Rock Check Dam	CA	--	9/10/2014
--	--	--	--	--	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 4/10/2015 at 2:00 PM. The sampler was inoperable because of disturbed equipment on 8/3/2015 at 2:11 PM (estimated at immediately after last known operable time) and was reset on 9/14/2015 at 3:37 PM (inoperable up to 42 d). The sampler was shut down for the winter on 12/3/2015 at 1:15 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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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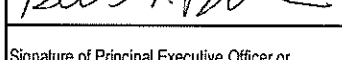
Comments: No confirmation monitoring was conducted in 2015. A Certificate of Completion under NMED's Consent Order was requested on 6/18/2015 for both associated Sites and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015.

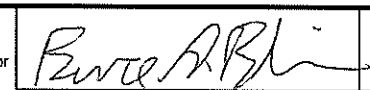
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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
--	--	--	--	--	L019A03140008: Coir Log	CA	--	1/29/2014
--	--	--	--	--	L019A04010019: Earthen Channel/Swale	CA	11/27/2015	10/28/2015
--	--	--	--	--	L019A04060011: Rip Rap	CA	11/27/2015	10/28/2015
--	--	--	--	--	L019A04060013: Rip Rap	CA	11/27/2015	10/28/2015
--	--	--	--	--	L019A05020006: Sediment Basin	BCM	12/1/2010	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 11/4/2015 at 8:50 AM. The sampler was shut down for the winter on 12/16/2015 at 10:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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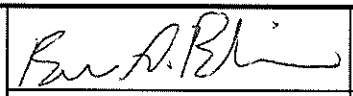
Comments: The sampler was activated for corrective action monitoring on 11/4/2015 at 8:50 AM. The sampler was shut down for the winter on 12/16/2015 at 10:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L02003060011: Straw Wattle	BCM	--	8/12/2014
--	--	--	--	--	L02003060012: Straw Wattle	BCM	--	8/12/2014
--	--	--	--	--	L02006010013: Rock Check Dam	BCM	--	8/12/2014
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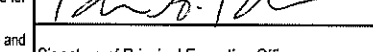
Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 11:00 AM. The sampler was shut down for the winter on 12/3/2015 at 1:40 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L02103060018: Straw Wattle	BCM	--	8/25/2014
--	--	--	--	--	L02103060020: Straw Wattle	BCM	--	8/5/2015
--	--	--	--	--	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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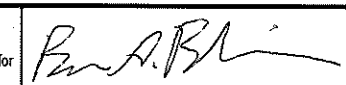
Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 12:00 PM. The sampler was shut down for the winter on 12/3/2015 at 1:45 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L02202040009: Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	L02203040005: Asphalt Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02206010001: Rock Check Dam	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02206010010: Rock Check Dam	BCM	--	8/12/2014
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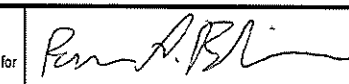
Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 1:00 PM. The sampler was shut down for the winter on 12/3/2015 at 1:50 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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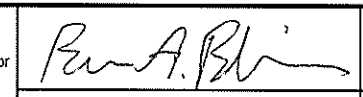
Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 2:00 PM. The sampler was shut down for the winter on 12/3/2015 at 2:00 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L02303060003: Straw Wattle	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02303060005: Straw Wattle	BCM	--	6/4/2012
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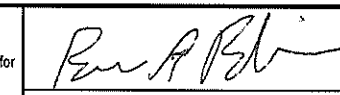
Comments: The sampler was activated for baseline monitoring on 3/18/2015 at 1:30 PM. The sampler was shut down for the winter on 12/16/2015 at 10:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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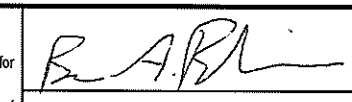
Comments: The sampler was activated for baseline monitoring on 4/16/2015 at 11:00 AM. The sampler was inoperable because of disturbed equipment on 8/3/2015 at 3:41 PM (estimated at immediately after last known operable time) and was reset on 9/17/2015 at 11:30 AM (inoperable up to 44.8 d). The sampler was shut down for the winter on 12/3/2015 at 2:14 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L02503090004: Curbing	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02503100011: Gravel Bags	BCM	--	8/19/2015
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Comments: The sampler was activated for baseline monitoring on 4/16/2015 at 10:30 AM. The sampler was shut down for the winter on 12/3/2015 at 2:24 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L02603060009: Straw Wattle	BCM	--	6/4/2012
--	--	--	--	--	L02603060010: Straw Wattle	BCM	--	6/4/2012
--	--	--	--	--	L02603060012: Straw Wattle	BCM	--	11/23/2015
--	--	--	--	--	L02604060006: Rip Rap	BCM	4/29/2011	12/7/2010
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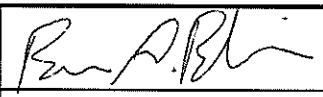
Comments: The sampler was activated for baseline monitoring on 4/16/2015 at 10:00 AM. The sampler was inoperable because of disturbed equipment on 8/3/2015 at 4:16 PM (estimated at immediately after last known operable time) and was reset on 9/17/2015 at 1:00 PM (inoperable up to 44.9 d). The sampler was shut down for the winter on 12/3/2015 at 2:30 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/17/2013
--	--	--	--	--	L02703010004: Earthen Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	L02703010005: Earthen Berm	BCM	4/29/2011	12/7/2010
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Comments: No confirmation monitoring was conducted in 2015. A Certificate of Completion under NMED's Consent Order was requested on 6/18/2015 for Site 21-024(j) and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 4/21/2015 at 10:45 AM. The sampler was shut down for the winter on 12/3/2015 at 2:50 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/14/2013
--	--	--	--	--	L02903010012: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L02903010013: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L02903010014: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L02903020019: Base Course Berm	BCM	--	10/30/2015
--	--	--	--	--	L02903020020: Base Course Berm	BCM	--	10/30/2015
--	--	--	--	--	L02903020021: Base Course Berm	BCM	--	10/30/2015
--	--	--	--	--	L02903120018: Rock Berm	BCM	--	10/30/2015
--	--	--	--	--	L02904050009: Water Bar	BCM	4/29/2011	3/29/2011
--	--	--	--	--	L02904050010: Water Bar	BCM	4/29/2011	3/29/2011
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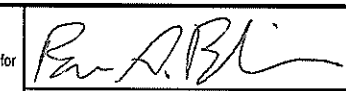
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/27/2015 at 10:30 AM. The sampler was shut down for the winter on 12/9/2015 at 1:34 PM.

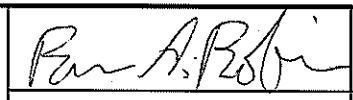
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	L030A02040032: Established Vegetation	BCM	--	4/26/2013
Gross alpha, UF	N	4.36	pCi/L	D	L030A03010025: Earthen Berm	BCM	--	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
--	--	--	--	--	L030A03060029: Straw Wattle	CA	12/30/2012	11/30/2012
--	--	--	--	--	L030A03120005: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120006: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120009: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120012: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120015: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120016: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120017: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120019: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120020: Rock Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A03120021: Rock Berm	BCM	4/29/2011	4/26/2011

Comments: The sampler was activated for corrective action monitoring on 3/27/2015 at 9:30 AM. A confirmation monitoring sample was collected on 7/20/2015 at 7:49 PM. All enhanced control monitoring results will be certified to be below target action levels. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	L030A03120030: Rock Berm	CA	12/30/2012	11/30/2012
--	--	--	--	--	L030A04060007: Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010001: Rock Check Dam	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010002: Rock Check Dam	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010003: Rock Check Dam	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010008: Rock Check Dam	BCM	4/29/2011	4/26/2011
--	--	--	--	--	L030A06010011: Rock Check Dam	BCM	4/29/2011	4/26/2011
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Comments: The sampler was activated for corrective action monitoring on 3/27/2015 at 9:30 AM. A confirmation monitoring sample was collected on 7/20/2015 at 7:49 PM. All enhanced control monitoring results will be certified to be below target action levels. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value.

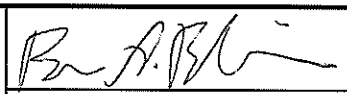
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/17/2013
--	--	--	--	--	D00103010022: Earthen Berm	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00103010023: Earthen Berm	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00103020011: Base Course Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00103120013: Rock Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00103120020: Rock Berm	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00103120021: Rock Berm	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00106010008: Rock Check Dam	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00106010009: Rock Check Dam	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00106010016: Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00106010017: Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00106010018: Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00106010019: Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00106010024: Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	D00107010001: Gabions	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00107020006: Gabion Blanket	BCM	4/29/2011	3/29/2011

Comments: No confirmation monitoring was conducted in 2015. A Certificate of Completion under NMED's Consent Order was requested on 6/18/2015 for Site 21-029 and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/17/2013
--	--	--	--	--	D00203060005: Straw Wattle	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00203060008: Straw Wattle	BCM	--	10/24/2012
--	--	--	--	--	D00203060010: Straw Wattle	CA	--	8/5/2015
--	--	--	--	--	D00204040003: Culvert	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00204060006: Rip Rap	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00206030004: Juniper Bales	BCM	4/29/2011	12/7/2010
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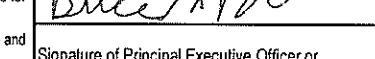
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	D00302040015: Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	D00303010013: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00303010014: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00303020011: Base Course Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00304010004: Earthen Channel/Swale	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00304040005: Culvert	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00305020010: Sediment Basin	BCM	4/29/2011	3/29/2011
--	--	--	--	--	D00308020012: Rock Cap	BCM	4/29/2011	3/29/2011
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Comments: The sampler was activated for baseline monitoring on 4/15/2015 at 1:30 PM. The sampler was shut down for the winter on 12/10/2015 at 10:20 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	D00403020014: Base Course Berm	BCM	--	8/4/2011
--	--	--	--	--	D00403060013: Straw Wattle	BCM	--	8/8/2011
--	--	--	--	--	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
--	--	--	--	--	D00406030007: Juniper Bales	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00406030008: Juniper Bales	BCM	4/29/2011	12/7/2010
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Comments: The sampler was activated for baseline monitoring on 3/18/2015 at 12:00 PM. The sampler was shut down for the winter on 12/9/2015 at 9:17 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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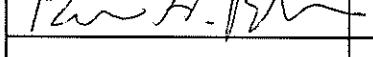
Comments: The sampler was activated for baseline monitoring on 3/18/2015 at 11:30 AM. The sampler was shut down for the winter on 12/9/2015 at 9:35 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/17/2013
--	--	--	--	--	D00603020002: Base Course Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00603060008: Straw Wattle	CA	--	11/30/2015
--	--	--	--	--	D00604060004: Rip Rap	BCM	4/29/2011	12/7/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	D00702040023: Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	D00703010016: Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	D00703010017: Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	D00703010018: Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	D00703010019: Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	D00703010020: Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	D00703010021: Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	D00703010022: Earthen Berm	CA	9/29/2012	8/30/2012
--	--	--	--	--	D00703120015: Rock Berm	BCM	4/29/2011	1/12/2011
--	--	--	--	--	D00706010008: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	D00706010009: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	D00706010010: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	D00706010011: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	D00706010012: Rock Check Dam	BCM	4/29/2011	1/12/2011
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Comments: The sampler was activated for corrective action monitoring on 3/18/2015 at 12:40 PM. The sampler was shut down for the winter on 12/9/2015 at 10:12 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	D00801010002: Seed and Wood Mulch	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00802040009: Established Vegetation	BCM	--	4/17/2013
--	--	--	--	--	D00803010006: Earthen Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00803010007: Earthen Berm	BCM	4/29/2011	12/7/2010
--	--	--	--	--	D00805010008: Rock Check Dam	BCM	--	9/13/2011
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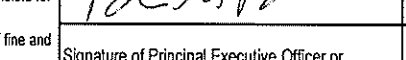
Comments: The sampler was activated for baseline monitoring on 4/15/2015 at 2:15 PM. The sampler was shut down for the winter on 12/9/2015 at 9:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	S00103060016: Straw Wattle	CA	--	7/20/2015
--	--	--	--	--	S00103090017: Curbing	CA	--	10/20/2015
--	--	--	--	--	S00104030014: Rock Channel/Swale	CA	7/27/2014	6/27/2014
--	--	--	--	--	S00104060007: Rip Rap	BCM	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	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00107020003: Gabion Blanket	BCM	12/1/2010	11/1/2010
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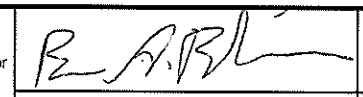
Comments: No confirmation monitoring was conducted in 2015. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) at Site 03-013(a) on 9/29/2015. A request for force majeure extension to the deadline for completion of corrective action at Site 03-052(f) was requested on 9/10/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	S00204060006: Rip Rap	BCM	4/29/2011	4/28/2011
--	--	--	--	--	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
--	--	--	--	--	S00206010008: Rock Check Dam	BCM	4/29/2011	4/28/2011
--	--	--	--	--	S00206010020: Rock Check Dam	CA	--	7/22/2014
--	--	--	--	--	S00207010003: Gabions	BCM	4/29/2011	4/28/2011
--	--	--	--	--	S00207020005: Gabion Blanket	BCM	4/29/2011	4/28/2011
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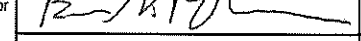
Comments: No confirmation monitoring was conducted in 2015. A request for force majeure extension to the deadline for completion of corrective action at Site 03-029 was requested on 9/23/2013.

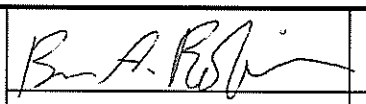
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	S00303140026: Coir Log	CA	--	9/18/2014
--	--	--	--	--	S00304040024: Culvert	CA	--	9/18/2014
--	--	--	--	--	S00304060005: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00304060009: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00304060010: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00304060011: Rip Rap	BCM	--	5/29/2012
--	--	--	--	--	S00304060012: Rip Rap	CA	8/7/2013	7/8/2013
--	--	--	--	--	S00304060016: 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
--	--	--	--	--	S00306010017: Rock Check Dam	CA	8/7/2013	7/8/2013
--	--	--	--	--	S00306010018: Rock Check Dam	CA	8/7/2013	7/8/2013

Comments: No confirmation monitoring was conducted in 2015. Petitions to delete Sites 03-045(b) and 03-045(c) were submitted 10/21/2015. Corrective action was completed at 03-056(c) on 11/29/2012 with certification of completion of corrective action under E.2(d). A request for force majeure extension of the deadline to complete corrective action at Site 03-012(b) was requested on 9/23/2013.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	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 2015. Petitions to delete Sites 03-045(b) and 03-045(c) were submitted 10/21/2015. Corrective action was completed at 03-056(c) on 11/29/2012 with certification of completion of corrective action under E.2(d). A request for force majeure extension of the deadline to complete corrective action at Site 03-012(b) was requested on 9/23/2013.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	S003A02040009: Established Vegetation	BCM	--	4/26/2013
--	--	--	--	--	S003A03010004: Earthen Berm	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S003A04060003: Rip Rap	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S003A05020006: Sediment Basin	CA	12/27/2012	11/27/2012
--	--	--	--	--	S003A05020007: Sediment Basin	CA	12/27/2012	11/27/2012
--	--	--	--	--	S003A05020008: Sediment Basin	CA	12/27/2012	11/27/2012
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Comments: No confirmation monitoring was conducted in 2015. A request for force majeure extension to the deadline for completion of corrective action at Site 03-052(b) was requested on 9/23/2013.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	S00403060009: Straw Wattle	BCM	--	7/21/2014
--	--	--	--	--	S00408040007: Metal Cap	BCM	--	12/12/2012
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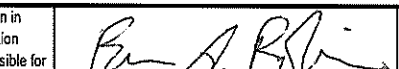
Comments: The sampler was activated for baseline monitoring on 3/27/2015 at 10:30 AM. The sampler was shut down for the winter on 12/10/2015 at 10:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	S00502040013: Established Vegetation	BCM	--	4/26/2013
--	--	--	--	--	S00503010005: Earthen Berm	BCM	4/29/2011	12/9/2010
--	--	--	--	--	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
--	--	--	--	--	S00506010014: Rock Check Dam	BCM	--	8/26/2014
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Comments: The sampler was activated for baseline monitoring on 3/27/2015 at 9:52 AM. The sampler was shut down for the winter on 12/7/2015 at 1:25 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	S005A03010004: Earthen Berm	BCM	--	7/13/2011
--	--	--	--	--	S005A03060006: Straw Wattle	BCM	--	8/8/2014
--	--	--	--	--	S005A03060007: Straw Wattle	BCM	--	11/16/2015
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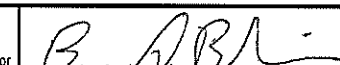
Comments: The sampler was activated for baseline monitoring on 3/27/2015 at 9:32 AM. The sampler was shut down for the winter on 12/7/2015 at 1:20 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/26/2013
--	--	--	--	--	S005B03120005: Rock Berm	BCM	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	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S005B06010004: Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S005B08030008: Concrete/Asphalt Cap	CA	6/1/2013	5/2/2013
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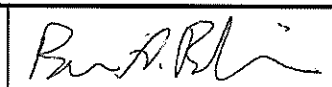
Comments: No confirmation monitoring was conducted in 2015. A request for force majeure extension to the deadline for completion of corrective action at Site 03-014(b2) was requested on 9/23/2013.

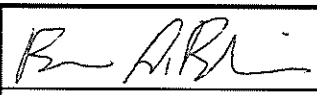
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/26/2013
--	--	--	--	--	S00603010019: Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	S00603010020: Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	S00603100030: Gravel Bags	CA	--	9/24/2013
--	--	--	--	--	S00604060002: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00604060010: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00604060011: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00604060028: Rip Rap	CA	--	4/26/2013
--	--	--	--	--	S00604060029: Rip Rap	CA	--	4/26/2013
--	--	--	--	--	S00606010001: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00606010012: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00606010013: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00606010014: Rock Check Dam	BCM	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

Comments: No confirmation monitoring was conducted in 2015. A request for force majeure extension to the deadline for completion of corrective action at Site 60-007(b) was requested on 9/23/2013.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	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	BCM	12/1/2010	11/1/2010
--	--	--	--	--	S00607010008: Gabions	BCM	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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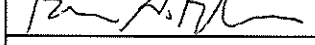
Comments: No confirmation monitoring was conducted in 2015. A request for force majeure extension to the deadline for completion of corrective action at Site 60-007(b) was requested on 9/23/2013.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/27/2015 at 12:30 PM. The sampler was shut down for the winter on 11/24/2015 at 10:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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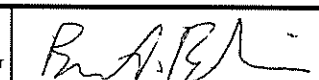
Comments: The sampler was activated for baseline monitoring on 3/27/2015 at 11:30 AM. The sampler was shut down for the winter on 12/4/2015 at 9:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	N	230	ug/L	D	S00902040011: Established Vegetation	BCM	--	4/26/2013
Antimony, F	N	1.53	ug/L	D	S00903010009: Earthen Berm	BCM	--	7/28/2011
Arsenic, F	N	<1.7	ug/L	ND	S00903010010: Earthen Berm	BCM	--	7/28/2011
Boron, F	N	<15	ug/L	ND MQL	S00903120003: Rock Berm	BCM	4/29/2011	12/9/2010
Cadmium, F	N	<0.11	ug/L	ND MQL	S00906010005: Rock Check Dam	BCM	4/29/2011	12/9/2010
Chromium, F	N	<2	ug/L	ND MQL	S00906010006: Rock Check Dam	BCM	4/29/2011	12/9/2010
Cobalt, F	N	<1	ug/L	ND MQL	S00906010007: Rock Check Dam	BCM	4/29/2011	12/9/2010
Copper, F	Y	4.59	ug/L	MTAL	--	--	--	--
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	--	--	--	--
Gross alpha, UF	N	<-0.994	pCi/L	ND No MQL	--	--	--	--
Lead, F	N	0.647	ug/L	D	--	--	--	--
Mercury, UF	N	<0.067	ug/L	ND	--	--	--	--
Nickel, F	N	0.507	ug/L	D	--	--	--	--
Ra-226 & Ra-228, UF	N	2.45	pCi/L	D	--	--	--	--
Selenium, UF	N	<1.5	ug/L	ND MQL	--	--	--	--
Silver, F	N	<0.2	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 3/27/2015 at 1:30 PM. A confirmation monitoring sample was collected on 7/20/2015 at 6:25 PM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/28/2015. Corrective action was completed on 10/29/2015 with certification of completion of corrective action under E.2(d). D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND ATAL-Not detected, reporting level is greater than or equal to the ATAL. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--
Total PCB, UF	N	<0.0699	ug/L	ND ATAL	--	--	--	--
Vanadium, F	N	1.22	ug/L	D	--	--	--	--
Zinc, F	N	20.1	ug/L	D	--	--	--	--
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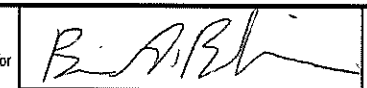
Comments: The sampler was activated for baseline monitoring on 3/27/2015 at 1:30 PM. A confirmation monitoring sample was collected on 7/20/2015 at 6:25 PM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/28/2015. Corrective action was completed on 10/29/2015 with certification of completion of corrective action under E.2(d). D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND ATAL-Not detected, reporting level is greater than or equal to the ATAL. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/2/2013
--	--	--	--	--	S01003060006: Straw Wattle	BCM	--	10/24/2012
--	--	--	--	--	S01004010009: Earthen Channel/Swale	BCM	--	11/7/2014
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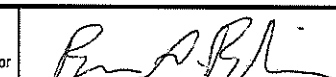
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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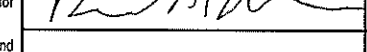
Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 8/21/2013 with certification of completion of corrective action under E.2(d).

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	S01203060009: Straw Wattle	BCM	--	7/15/2015
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Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 9:18 AM. The sampler was shut down for the winter on 12/10/2015 at 9:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	S01303060008: Straw Wattle	BCM	--	3/18/2014
--	--	--	--	--	S01304060003: Rip Rap	BCM	4/29/2011	4/26/2011
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Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 9:58 AM. The sampler was shut down for the winter on 11/24/2015 at 2:30 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	S01402040016: Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	S01403120017: Rock Berm	BCM	--	11/7/2014
--	--	--	--	--	S01404060011: Rip Rap	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S01406010006: Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S01406010008: Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S01406010009: Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S01406010010: Rock Check Dam	BCM	4/29/2011	12/9/2010
--	--	--	--	--	S01406010018: Rock Check Dam	BCM	--	11/7/2014
--	--	--	--	--	S01406010019: Rock Check Dam	BCM	--	11/7/2014
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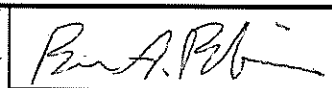
Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 10:10 AM. The sampler was shut down for the winter on 11/24/2015 at 2:00 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/2/2013
--	--	--	--	--	S01503010004: Earthen Berm	BCM	4/29/2011	4/26/2011
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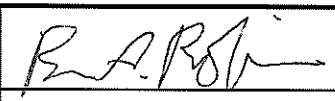
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	Y	1540	ug/L	MTAL	S01602040012: Established Vegetation	BCM	--	5/8/2013
Antimony, F	N	<1	ug/L	ND MQL	S01603010006: Earthen Berm	BCM	4/29/2011	4/28/2011
Arsenic, F	N	<1.7	ug/L	ND	S01604020017: Concrete/Asphalt Channel/Swale	CA	11/14/2015	10/15/2015
Boron, F	N	<15	ug/L	ND MQL	S01604030015: Rock Channel/Swale	CA	11/14/2015	10/15/2015
Cadmium, F	N	<0.11	ug/L	ND MQL	S01604060014: Rip Rap	CA	--	11/29/2014
Chromium, F	N	2.79	ug/L	D	S01606010013: Rock Check Dam	CA	--	11/29/2014
Cobalt, F	N	<1	ug/L	ND MQL	S01606040016: Energy Dissipater	CA	11/14/2015	10/15/2015
Copper, F	Y	5.87	ug/L	MTAL	--	--	--	--
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	--	--	--	--
Gross alpha, UF	Y	61.7	pCi/L	ATAL1	--	--	--	--
Lead, F	N	1.73	ug/L	D	--	--	--	--
Nickel, F	N	1.88	ug/L	D	--	--	--	--
Ra-226 & Ra-228, UF	N	8.29	pCi/L	D	--	--	--	--
RDX, UF	N	<0.273	ug/L	ND HT HE	--	--	--	--
Silver, F	N	<0.1	ug/L	ND MQL	--	--	--	--
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 10/19/2015 at 12:00 PM. A confirmation monitoring sample was collected on 10/21/2015 at 11:10 AM. The sampler was reactivated after sample collection for enhanced control monitoring on 10/29/2015 at 10:15 AM (inoperable 8 d). The sampler was shut down for the winter on 12/18/2015 at 1:45 PM. ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND HT HE-Not detected, ATAL not exceeded, holding time exceeded. ND MQL-Not detected, reporting level is less than the MQL value. ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Total PCB, UF	Y	0.0195	ug/L	ATAL1	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	<0.273	ug/L	ND HT HE	--	--	--	--
Vanadium, F	N	4.13	ug/L	D	--	--	--	--
Zinc, F	N	11.9	ug/L	D	--	--	--	--
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Comments: The sampler was activated for corrective action monitoring on 10/19/2015 at 12:00 PM. A confirmation monitoring sample was collected on 10/21/2015 at 11:10 AM. The sampler was reactivated after sample collection for enhanced control monitoring on 10/29/2015 at 10:15 AM (inoperable 8 d). The sampler was shut down for the winter on 12/18/2015 at 1:45 PM. ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND HT HE-Not detected, ATAL not exceeded, holding time exceeded. ND MQL-Not detected, reporting level is less than the MQL value. ND-Not Detected, reporting level is greater than or equal to the MQL.

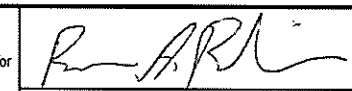
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	Y	1250	ug/L	MTAL	C00102040015: Established Vegetation	BCM	--	5/2/2013
Antimony, F	N	<1	ug/L	ND MQL	C00103010013: Earthen Berm	BCM	--	8/15/2011
Arsenic, F	N	<1.7	ug/L	ND	C00103060019: Straw Wattle	BCM	--	7/24/2014
Boron, F	N	61	ug/L	D	C00103060020: Straw Wattle	BCM	--	11/4/2014
Cadmium, F	N	<0.11	ug/L	ND MQL	C00103060021: Straw Wattle	BCM	--	11/4/2014
Chromium, F	N	<2	ug/L	ND MQL	C00103120009: Rock Berm	BCM	12/1/2010	11/1/2010
Cobalt, F	N	<1	ug/L	ND MQL	C00106030003: Juniper Bales	BCM	12/1/2010	11/1/2010
Copper, F	Y	6.66	ug/L	MTAL	C00106030005: Juniper Bales	BCM	12/1/2010	11/1/2010
Cyanide (WAD), UF	N	0.00241	mg/L	D	C00106030006: Juniper Bales	BCM	12/1/2010	11/1/2010
Gross alpha, UF	N	5.32	pCi/L	D	C00106030007: Juniper Bales	BCM	12/1/2010	11/1/2010
Lead, F	N	1.36	ug/L	D	--	--	--	--
Mercury, UF	N	<0.067	ug/L	ND	--	--	--	--
Nickel, F	N	3.9	ug/L	D	--	--	--	--
Ra-226 & Ra-228, UF	N	<0.75	pCi/L	ND No MQL	--	--	--	--
Selenium, UF	N	1.62	ug/L	D	--	--	--	--
Silver, F	N	<0.2	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 3/31/2015 at 2:30 PM. A confirmation monitoring sample was collected on 7/20/2015 at 7:13 PM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/25/2015. Alternative compliance will be requested at all associated Sites. D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--
Vanadium, F	N	2.11	ug/L	D	--	--	--	--
Zinc, F	N	13.9	ug/L	D	--	--	--	--
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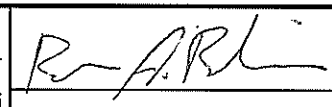
Comments: The sampler was activated for baseline monitoring on 3/31/2015 at 2:30 PM. A confirmation monitoring sample was collected on 7/20/2015 at 7:13 PM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/25/2015. Alternative compliance will be requested at all associated Sites. D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/2/2013
--	--	--	--	--	C00203010013: Earthen Berm	BCM	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	BCM	12/1/2010	11/1/2010
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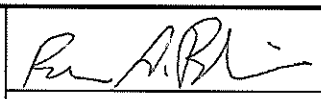
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/2/2013
--	--	--	--	--	C00303010011: Earthen Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	C00306010006: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	C00306010013: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	C00306010015: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	C00306010016: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	C00306010017: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	C00306010018: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	C00306010019: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	C00306010020: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	12/22/2010
--	--	--	--	--	C00404060008: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	C00404060009: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	C00406010004: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	C00406010010: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	C00406010011: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	C00406010012: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	C00406010013: Rock Check Dam	BCM	4/29/2011	12/22/2010
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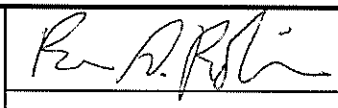
Comments: The sampler was activated for corrective action monitoring on 9/14/2015 at 1:03 PM. The sampler was shut down for the winter on 12/16/2015 at 9:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	C00503010006: Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00504060007: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00504060008: Rip Rap	BCM	12/1/2010	11/1/2010
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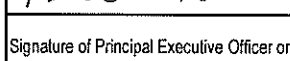
Comments: The sampler was activated for baseline monitoring on 4/6/2015 at 9:00 AM. The sampler was shut down for the winter on 12/4/2015 at 11:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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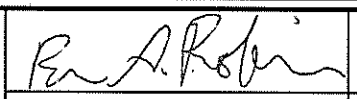
Comments: The sampler was activated for baseline monitoring on 4/6/2015 at 10:00 AM. The sampler was shut down for the winter on 12/4/2015 at 11:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	C00703140022: Coir Log	BCM	--	10/15/2015
--	--	--	--	--	C00703140023: Coir Log	BCM	--	10/15/2015
--	--	--	--	--	C00703140024: Coir Log	BCM	--	10/15/2015
--	--	--	--	--	C00703140025: Coir Log	BCM	--	10/15/2015
--	--	--	--	--	C00704050014: Water Bar	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00704050021: Water Bar	BCM	--	10/15/2015
--	--	--	--	--	C00704060006: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00706020015: Log Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00706020016: Log Check Dam	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 4/6/2015 at 11:00 AM. The sampler was shut down for the winter on 12/4/2015 at 11:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	C00803060013: Straw Wattle	BCM	--	11/24/2015
--	--	--	--	--	C00803120009: Rock Berm	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 4/14/2015 at 2:30 PM. The sampler was shut down for the winter on 12/17/2015 at 1:00 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	C00904010002: Earthen Channel/Swale	BCM	12/1/2010	11/1/2010
--	--	--	--	--	C00904060001: Rip Rap	BCM	12/1/2010	11/1/2010
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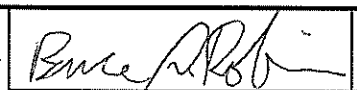
Comments: The sampler was activated for baseline monitoring on 4/2/2015 at 9:30 AM. The sampler was shut down for the winter on 12/4/2015 at 10:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/16/2013
--	--	--	--	--	C01004020005: Concrete/Asphalt Channel/Swale	BCM	4/29/2011	11/16/2010
--	--	--	--	--	C01004060007: Rip Rap	BCM	4/29/2011	11/16/2010
--	--	--	--	--	C01005010004: Sediment Trap	BCM	4/29/2011	11/16/2010
--	--	--	--	--	C01006010006: Rock Check Dam	BCM	4/29/2011	11/16/2010
--	--	--	--	--	C01006010008: Rock Check Dam	BCM	4/29/2011	11/16/2010
--	--	--	--	--	C01006010009: Rock Check Dam	BCM	4/29/2011	11/16/2010
--	--	--	--	--	C01006010010: Rock Check Dam	BCM	4/29/2011	11/16/2010
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Comments: The sampler was activated for monitoring on 4/30/2015 at 2:00 PM to collect a sample per Part I, Section E.1(b) following completion of corrective action per E.2(c) certification of control measures to totally eliminate exposure of pollutants to stormwater. The sampler was shut down for the winter on 11/17/2015 at 1:28 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/4/2013
--	--	--	--	--	M00107010001: Gabions	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M00107010006: Gabions	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M00107010008: Gabions	CA	12/27/2012	11/27/2012
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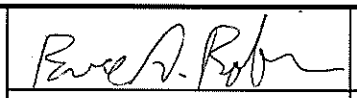
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/4/2013
--	--	--	--	--	M00203060012: Straw Wattle	CA	--	9/18/2014
--	--	--	--	--	M00203140011: Coir Log	CA	10/25/2014	9/25/2014
--	--	--	--	--	M00204060008: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M00205020010: Sediment Basin	CA	10/25/2014	9/25/2014
--	--	--	--	--	M00206010003: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M00206010004: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for corrective action monitoring on 3/20/2015 at 11:20 AM. The sampler was shut down for the winter on 12/8/2015 at 11:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/4/2013
--	--	--	--	--	M002A03010006: Earthen Berm	BCM	--	8/5/2011
--	--	--	--	--	M002A03020002: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M002A03120005: Rock Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M002A04060003: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M002A06010004: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for baseline monitoring on 3/20/2015 at 12:00 PM. The sampler was shut down for the winter on 12/8/2015 at 11:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	M002B01010015: Seed and Wood Mulch	BCM	--	4/4/2013
--	--	--	--	--	M002B02040014: Established Vegetation	BCM	--	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	BCM	4/29/2011	1/12/2011
--	--	--	--	--	M002B05030013: Sand Filter	CA	6/1/2013	5/2/2013
--	--	--	--	--	M002B06010008: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	M002B06010009: Rock Check Dam	BCM	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00304060001: Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00304060008: Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M00304060014: Rip Rap	BCM	--	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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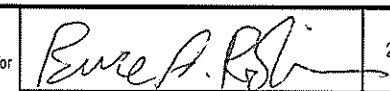
Comments: The sampler was activated for corrective action monitoring on 10/19/2015 at 1:00 PM. The sampler was shut down for the winter on 12/2/2015 at 1:20 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	M00404060005: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M00406010004: Rock Check Dam	BCM	4/29/2011	12/13/2010
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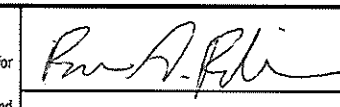
Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 2:45 PM. The sampler was shut down for the winter on 12/4/2015 at 10:20 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 4/23/2015 at 12:35 PM. The sampler was shut down for the winter on 12/4/2015 at 10:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/29/2013
--	--	--	--	--	M00603120015: Rock Berm	BCM	--	11/4/2014
--	--	--	--	--	M00604060002: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M00604060007: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M00604060012: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M00606010005: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	M00606010013: Rock Check Dam	BCM	--	11/3/2011
--	--	--	--	--	M00606010016: Rock Check Dam	BCM	--	11/4/2014
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at Site 48-001 on 5/6/2015. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) at Site 48-005 on 9/29/2015. Corrective action was completed on 11/29/2012 at 48-007(a), 48-007(d) and 48-010 with certification of completion of corrective action under E.2(d).

Bruce A. Robinson, Program Director Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson Signature of Principal Executive Officer or Authorized Agent	2/10/2016 Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 4/22/2015 at 1:15 PM. The sampler was shut down for the winter on 12/10/2015 at 2:00 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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
--	--	--	--	--	M00803060037: Straw Wattle	CA	--	8/19/2015
--	--	--	--	--	M00803120031: Rock Berm	CA	--	8/28/2014
--	--	--	--	--	M00803120047: Rock Berm	CA	--	10/27/2015
--	--	--	--	--	M00804050033: Water Bar	CA	--	8/18/2015
--	--	--	--	--	M00804060001: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M00804060014: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M00804060025: Rip Rap	BCM	--	4/30/2013
--	--	--	--	--	M00804060045: Rip Rap	CA	--	10/27/2015
--	--	--	--	--	M00804060046: Rip Rap	CA	--	10/27/2015
--	--	--	--	--	M00805020016: Sediment Basin	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M00806010007: Rock Check Dam	BCM	4/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

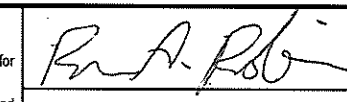
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	M00806010017: Rock Check Dam	BCM	--	4/11/2011
--	--	--	--	--	M00806010020: Rock Check Dam	BCM	--	4/11/2011
--	--	--	--	--	M00806010027: Rock Check Dam	BCM	--	12/17/2013
--	--	--	--	--	M00806010028: Rock Check Dam	BCM	--	12/17/2013
--	--	--	--	--	M00806010032: Rock Check Dam	CA	--	8/28/2014
--	--	--	--	--	M00806010038: Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00806010039: Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00806010040: Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00806010041: Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00806010042: Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00806010043: Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00806010044: Rock Check Dam	CA	--	10/27/2015
--	--	--	--	--	M00807010029: Gabion	CA	--	8/28/2014
--	--	--	--	--	M00807010030: Gabion	CA	--	8/28/2014
--	--	--	--	--	M00807020013: Gabion Blanket	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M00808030002: Concrete/Asphalt Cap	BCM	4/29/2011	12/13/2010

Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/30/2013
--	--	--	--	--	M00903060010: Straw Wattle	CA	--	8/7/2014
--	--	--	--	--	M00903060011: Straw Wattle	CA	--	8/7/2014
--	--	--	--	--	M00906010003: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/30/2013
--	--	--	--	--	M01003010004: Earthen Berm	BCM	4/29/2011	12/3/2010
--	--	--	--	--	M01003010010: Earthen Berm	BCM	4/29/2011	12/3/2010
--	--	--	--	--	M01003010011: Earthen Berm	BCM	4/29/2011	12/3/2010
--	--	--	--	--	M01003010012: Earthen Berm	BCM	--	5/6/2011
--	--	--	--	--	M01003060014: Straw Wattle	CA	--	8/22/2014
--	--	--	--	--	M01003060015: Straw Wattle	CA	--	8/22/2014
--	--	--	--	--	M01003120005: Rock Berm	BCM	4/29/2011	12/3/2010
--	--	--	--	--	M01003120006: Rock Berm	BCM	4/29/2011	12/3/2010
--	--	--	--	--	M01003120016: Rock Berm	CA	--	8/22/2014
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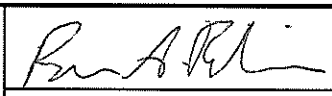
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 4/21/2014.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	M01103120009: Rock Berm	BCM	--	10/13/2015
--	--	--	--	--	M01104040004: Culvert	BCM	4/29/2011	1/12/2011
--	--	--	--	--	M01106010005: Rock Check Dam	BCM	4/29/2011	1/12/2011
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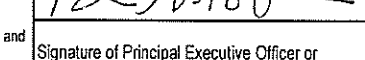
Comments: The sampler was activated for baseline monitoring on 4/8/2015 at 12:00 PM. The sampler was shut down for the winter on 12/10/2015 at 2:20 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/30/2013
--	--	--	--	--	M01204060004: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01204060007: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01204060008: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01206010001: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01206010005: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01206010006: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01206010009: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	M01206010010: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2015. 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for corrective action monitoring on 4/8/2015 at 1:00 PM. The sampler was shut down for the winter on 11/24/2015 at 1:30 PM. Sampling 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/30/2013
--	--	--	--	--	M01303010011: Earthen Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M01303010012: Earthen Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M01303100013: Gravel Bags	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M01306010017: Rock Check Dam	CA	--	8/25/2014
--	--	--	--	--	M01306010018: Rock Check Dam	CA	--	8/25/2014
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Comments: No confirmation monitoring was conducted in 2015. Sampling 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 4/8/2015 at 2:00 PM. The sampler was shut down for the winter on 12/10/2015 at 2:40 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system-designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	Y	1510	ug/L	MTAL	M01502040008: Established Vegetation	BCM	--	4/30/2013
Antimony, F	N	<1	ug/L	ND MQL	M01503090004: Curbing	BCM	4/29/2011	3/29/2011
Arsenic, F	N	<1.7	ug/L	ND	M01503100009: Gravel Bags	CA	--	8/4/2015
Boron, F	N	67.9	ug/L	D	M01506020001: Log Check Dam	BCM	4/29/2011	3/29/2011
Cadmium, F	N	<0.11	ug/L	ND MQL	M01506020006: Log Check Dam	BCM	4/29/2011	3/29/2011
Chromium, F	N	<2	ug/L	ND MQL	M01506020007: Log Check Dam	BCM	4/29/2011	3/29/2011
Cobalt, F	N	<1	ug/L	ND MQL	--	--	--	--
Copper, F	Y	4.41	ug/L	MTAL	--	--	--	--
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	--	--	--	--
Gross alpha, UF	N	3.88	pCi/L	D	--	--	--	--
Lead, F	N	1.58	ug/L	D	--	--	--	--
Mercury, UF	N	<0.067	ug/L	ND	--	--	--	--
Nickel, F	N	8.09	ug/L	D	--	--	--	--
Ra-226 & Ra-228, UF	N	2.38	pCi/L	D	--	--	--	--
Selenium, UF	N	<1.5	ug/L	ND MQL	--	--	--	--
Silver, F	N	<0.2	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 3/20/2015 at 10:45 AM. A confirmation monitoring sample was collected on 7/7/2015 at 3:51 AM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/11/2015. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d). ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND MQL-Not detected, reporting level is less than the MQL value. ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--
Total PCB, UF	Y	0.00427	ug/L	ATAL1	--	--	--	--
Vanadium, F	N	2.99	ug/L	D	--	--	--	--
Zinc, F	N	21.6	ug/L	D	--	--	--	--
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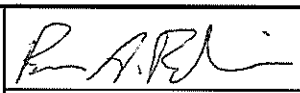
Comments: The sampler was activated for baseline monitoring on 3/20/2015 at 10:45 AM. A confirmation monitoring sample was collected on 7/7/2015 at 3:51 AM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/11/2015. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d). ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND MQL-Not detected, reporting level is less than the MQL value. ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	M01601010011: Seed and Wood Mulch	BCM	--	6/15/2011
--	--	--	--	--	M01602040012: Established Vegetation	BCM	--	5/1/2013
--	--	--	--	--	M01603010009: Earthen Berm	BCM	--	6/15/2011
--	--	--	--	--	M01603010010: Earthen Berm	BCM	--	6/15/2011
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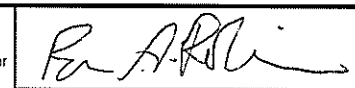
Comments: The sampler was activated for baseline monitoring on 4/22/2015 at 10:00 AM. The sampler was shut down for the winter on 11/30/2015 at 10:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	8/15/2012
--	--	--	--	--	M01702040014: Established Vegetation	BCM	--	5/1/2013
--	--	--	--	--	M01703010010: Earthen Berm	BCM	--	6/15/2011
--	--	--	--	--	M01703020005: Base Course Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M01703020006: Base Course Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M01703020007: Base Course Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	M01703060015: Straw Wattle	CA	--	8/26/2014
--	--	--	--	--	M01706010008: Rock Check Dam	BCM	4/29/2011	4/26/2011
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Comments: No confirmation monitoring was conducted in 2015. A Certificate of Completion under NMED's Consent Order was requested on 6/15/2015 for Site 05-004 and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	M01803060010: Straw Wattle	BCM	--	7/13/2011
--	--	--	--	--	M01803060011: Straw Wattle	BCM	--	8/13/2012
--	--	--	--	--	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 4/23/2015 at 8:45 AM. The sampler was shut down for the winter on 11/30/2015 at 10:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	M01902040010: Established Vegetation	BCM	--	5/1/2013
--	--	--	--	--	M01903060009: Straw Wattle	BCM	--	8/13/2012
--	--	--	--	--	M01903160011: Wood Chip Wattle	BCM	--	7/14/2015
--	--	--	--	--	M01906020006: Log Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 9:45 AM. The sampler collected insufficient volume on 7/31/2015 at 1:14 PM, and was reset on 9/10/2015 at 1:15 PM (inoperable 41 d). The sampler was shut down for the winter on 11/30/2015 at 10:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	N	363	ug/L	D	M02002040012: Established Vegetation	BCM	--	5/1/2013
Antimony, F	N	<1	ug/L	ND MQL	M02003010008: Earthen Berm	BCM	--	7/29/2011
Arsenic, F	N	<1.7	ug/L	ND	M02003060015: Straw Wattle	CA	--	10/14/2015
Boron, F	N	16.4	ug/L	D	M02003160014: Wood Chip Wattle	BCM	--	7/14/2015
Cadmium, F	N	<0.11	ug/L	ND MQL	M02006020013: Log Check Dam	BCM	--	5/1/2013
Chromium, F	N	<2	ug/L	ND MQL	--	--	--	--
Cobalt, F	N	<1	ug/L	ND MQL	--	--	--	--
Copper, F	Y	25.1	ug/L	MTAL	--	--	--	--
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	--	--	--	--
Gross alpha, UF	Y	276	pCi/L	ATAL1	--	--	--	--
Lead, F	N	3.71	ug/L	D	--	--	--	--
Mercury, UF	N	0.42	ug/L	D	--	--	--	--
Nickel, F	N	<0.5	ug/L	ND	--	--	--	--
Ra-226 & Ra-228, UF	N	13.9	pCi/L	D	--	--	--	--
RDX, UF	N	<0.291	ug/L	ND No MQL	--	--	--	--
Selenium, UF	N	<1.5	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 10:45 AM. A confirmation monitoring sample was collected on 7/20/2015 at 6:17 PM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/25/2015. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d). ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Silver, F	N	<0.2	ug/L	ND MQL	--	--	--	--
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	<0.291	ug/L	ND No MQL	--	--	--	--
Vanadium, F	N	1.39	ug/L	D	--	--	--	--
Zinc, F	N	<9.78	ug/L	ND MQL	--	--	--	--
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Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 10:45 AM. A confirmation monitoring sample was collected on 7/20/2015 at 6:17 PM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/25/2015. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d). ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. MTAL-Result is greater than the MTAL value. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	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
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Comments: The sampler was activated for baseline monitoring on 4/23/2015 at 11:30 AM. The sampler was shut down for the winter on 11/30/2015 at 10:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
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Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 9/13/2013 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/30/2013
--	--	--	--	--	T00103010022: Earthen Berm	CA	6/12/2014	5/13/2014
--	--	--	--	--	T00103010023: Earthen Berm	CA	6/12/2014	5/13/2014
--	--	--	--	--	T00103010025: Earthen Berm	CA	--	9/26/2014
--	--	--	--	--	T00103020013: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00103020014: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00103020015: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00103020016: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00103020024: Base Course Berm	CA	6/12/2014	5/13/2014
--	--	--	--	--	T00103090004: Curbing	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00103120008: Rock Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00104020006: Concrete/Asphalt Channel/Swale	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00108020005: Rock Cap	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for baseline monitoring on 4/7/2015 at 2:48 PM. The sampler attempted but was unable to collect a sample on 9/11/2015 at 12:26 PM and was reset on 9/21/2015 at 3:00 PM (inoperable 10.1 d). The sampler was shut down for the winter on 12/15/2015 at 10:02 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	T00203060021: Straw Wattle	CA	--	11/17/2014
--	--	--	--	--	T00203060022: 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	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00208010019: Earth Cap	CA	6/11/2014	5/12/2014
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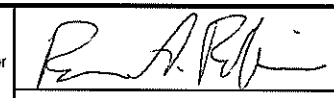
Comments: The sampler was activated for corrective action monitoring on 3/24/2015 at 2:30 PM. No Sites in the SMA required corrective action monitoring, accordingly, corrective action monitoring was discontinued on 6/9/2015 at 1:30 PM. The sampler was activated for monitoring on 9/22/2015 at 11:00 AM to collect a sample per Part I, Section E.1(b) following completion of corrective action per E.2(c) certification of control measures to totally eliminate exposure of pollutants to stormwater. The sampler was shut down for the winter on 12/16/2015 at 1:07 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	T00304010002: Earthen Channel/Swale	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00306010003: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00306010004: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00306010005: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00308020001: Rock Cap	BCM	4/29/2011	12/13/2010
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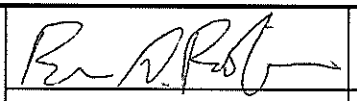
Comments: The sampler was activated for baseline monitoring on 3/30/2015 at 10:30 AM. The sampler was shut down for the winter on 12/10/2015 at 11:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/30/2013
--	--	--	--	--	T00403090004: Curbing	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00406010005: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00406010006: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00406010008: Rock Check Dam	BCM	--	10/27/2014
--	--	--	--	--	T00406010009: Rock Check Dam	BCM	--	10/27/2014
--	--	--	--	--	T00406010010: Rock Check Dam	BCM	--	10/27/2014
--	--	--	--	--	T00406010011: Rock Check Dam	BCM	--	10/27/2014
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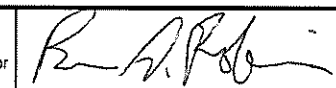
Comments: No confirmation monitoring was conducted in 2015. Corrective action was completed on 10/30/2015 with certification of completion of corrective action under E.2(d).

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/30/2013
--	--	--	--	--	T00504060001: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00506010013: Rock Check Dam	CA	--	8/21/2014
--	--	--	--	--	T00506020010: Log Check Dam	BCM	--	5/23/2012
--	--	--	--	--	T00506020011: Log Check Dam	BCM	--	8/30/2012
--	--	--	--	--	T00506020014: Log Check Dam	CA	--	8/21/2014
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Comments: No confirmation monitoring was conducted in 2015. 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.	R. A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/30/2013
--	--	--	--	--	T00603010019: Earthen Berm	CA	11/14/2015	10/15/2015
--	--	--	--	--	T00603030020: Log Berm	CA	11/14/2015	10/15/2015
--	--	--	--	--	T00603030021: Log 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
--	--	--	--	--	T00606010006: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00606010007: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00606010008: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for corrective action monitoring on 10/19/2015 at 1:00 PM. The sampler was shut down for the winter on 11/30/2015 at 9:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	T00703020003: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00703120010: Rock Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	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
--	--	--	--	--	T00706010013: Rock Check Dam	BCM	--	10/30/2014
--	--	--	--	--	T00706010014: Rock Check Dam	BCM	--	10/30/2014
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Comments: The sampler was activated for baseline monitoring on 3/30/2015 at 9:30 AM. The sampler was shut down for the winter on 12/10/2015 at 3:00 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	T00803060002: Straw Wattle	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00803060005: Straw Wattle	BCM	--	2/13/2014
--	--	--	--	--	T00803060006: Straw Wattle	BCM	--	2/13/2014
--	--	--	--	--	T00803060007: Straw Wattle	BCM	--	2/13/2014
--	--	--	--	--	T00803100003: Gravel Bags	BCM	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2015. 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/1/2013
--	--	--	--	--	T00903010009: Earthen Berm	BCM	--	6/15/2011
--	--	--	--	--	T00903020008: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00903060013: Straw Wattle	BCM	--	10/16/2014
--	--	--	--	--	T00906010002: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00906010003: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00906010006: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T00906010007: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for baseline monitoring on 3/30/2015 at 11:30 AM. The sampler was shut down for the winter on 12/10/2015 at 11:25 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	T01002040009: Established Vegetation	BCM	--	5/1/2013
--	--	--	--	--	T01003010007: Earthen Berm	BCM	--	6/15/2011
--	--	--	--	--	T01003010008: Earthen Berm	BCM	--	6/15/2011
--	--	--	--	--	T01003020005: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	T01003060010: Straw Wattle	BCM	--	10/16/2014
--	--	--	--	--	T01006020006: Log Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for baseline monitoring on 3/30/2015 at 12:45 PM. The sampler was shut down for the winter on 12/10/2015 at 11:40 AM.

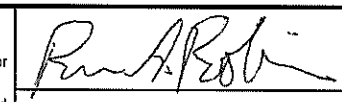
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/23/2013
--	--	--	--	--	E00103010014: Earthen Berm	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00103040027: Asphalt Berm	CA	--	9/18/2014
--	--	--	--	--	E00103120034: Rip Rap	CA	--	11/4/2015
--	--	--	--	--	E00104060010: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	E00104060011: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	E00104060033: Rock Check Dam	CA	--	11/4/2015
--	--	--	--	--	E00105020013: Sediment Basin	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00106010007: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	E00106010008: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	E00106010009: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	E00106010016: Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	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

Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	E00106010021: Rock Check Dam	CA	8/19/2012	7/20/2012
--	--	--	--	--	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
--	--	--	--	--	E00107010003: Gabion	BCM	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	Y	1900	ug/L	MTAL	E00201010013: Seed and Wood Mulch	CA	7/27/2012	6/27/2012
Gross alpha, UF	Y	16	pCi/L	ATAL1	E00202040015: Established Vegetation	BCM	--	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	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E00206010006: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E00206010007: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E00206010008: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for corrective action monitoring on 4/14/2015 at 12:30 PM. A confirmation monitoring sample was collected on 7/20/2015 at 6:11 PM. The sampler was shut down on 07/22/2015 at 4:00 PM during sample retrieval and was reactivated for enhanced control monitoring on 7/29/2015 at 4:00 PM (inoperable 7 d). The sampler was shut down for the winter on 11/17/2015 at 3:00 PM. ATAL1-Result is greater than the ATAL value. MTAL-Result is greater than the MTAL value.

Bruce A. Robinson, Program Director Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 Signature of Principal Executive Officer or Authorized Agent	2/10/2016 Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/23/2013
--	--	--	--	--	E00304060004: Rip Rap	BCM	--	9/7/2011
--	--	--	--	--	E00306010003: Rock Check Dam	BCM	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	E00401010007: Seed and Wood Mulch	CA	7/27/2012	6/27/2012
--	--	--	--	--	E00401010017: Seed and Wood Mulch	CA	--	6/23/2015
--	--	--	--	--	E00401030018: Hydromulch	CA	--	6/23/2015
--	--	--	--	--	E00402040008: Established Vegetation	BCM	--	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
--	--	--	--	--	E00403060025: Straw Wattle	CA	--	8/7/2015
--	--	--	--	--	E00403060026: Straw Wattle	CA	--	8/7/2015
--	--	--	--	--	E00403060027: Straw Wattle	CA	--	10/30/2015

Comments: The sampler was activated for corrective action monitoring on 9/14/2015 at 1:30 PM. The sampler was shut down for the winter on 12/8/2015 at 11:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	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
--	--	--	--	--	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 9/14/2015 at 1:30 PM. The sampler was shut down for the winter on 12/8/2015 at 11:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	N	682	ug/L	D	E00502040018: Established Vegetation	BCM	--	4/23/2013
Antimony, F	N	<1	ug/L	ND MQL	E00503010014: Earthen Berm	BCM	--	10/31/2011
Arsenic, F	N	<1.7	ug/L	ND	E00503010015: Earthen Berm	BCM	--	10/31/2011
Boron, F	N	19.9	ug/L	D	E00503010016: Earthen Berm	CA	9/20/2012	8/21/2012
Cadmium, F	N	<0.11	ug/L	ND MQL	E00503010017: Earthen Berm	CA	9/20/2012	8/21/2012
Chromium, F	N	<2	ug/L	ND MQL	--	--	--	--
Cobalt, F	N	<1	ug/L	ND MQL	--	--	--	--
Copper, F	N	2.96	ug/L	D	--	--	--	--
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	--	--	--	--
Gross alpha, UF	N	2.88	pCi/L	D	--	--	--	--
Lead, F	N	<0.5	ug/L	ND	--	--	--	--
Mercury, UF	N	<0.067	ug/L	ND	--	--	--	--
Nickel, F	N	0.646	ug/L	D	--	--	--	--
Ra-226 & Ra-228, UF	N	1.6	pCi/L	D	--	--	--	--
Selenium, UF	N	<1.5	ug/L	ND MQL	--	--	--	--
Silver, F	N	<0.2	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 4/14/2015 at 11:30 AM. A confirmation monitoring sample was collected on 7/7/2015 at 10:34 AM. The sampler was reactivated for enhanced control monitoring on 7/29/2015 at 4:15 PM (inoperable 22.2 d). A second confirmation monitoring sample was collected on 8/1/2015 at 5:08 PM. All enhanced control monitoring results were certified to be below target action levels on 9/8/2015. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--
Vanadium, F	N	2.67	ug/L	D	--	--	--	--
Zinc, F	N	6.43	ug/L	D	--	--	--	--
Aluminum, F	N	133	ug/L	D	--	--	--	--
Antimony, F	N	<1	ug/L	ND MQL	--	--	--	--
Arsenic, F	N	<1.7	ug/L	ND	--	--	--	--
Boron, F	N	17.1	ug/L	D	--	--	--	--
Cadmium, F	N	<0.11	ug/L	ND MQL	--	--	--	--
Chromium, F	N	<2	ug/L	ND MQL	--	--	--	--
Cobalt, F	N	<1	ug/L	ND MQL	--	--	--	--
Copper, F	N	3.03	ug/L	D	--	--	--	--
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	--	--	--	--
Gross alpha, UF	N	<0.914	pCi/L	ND No MQL	--	--	--	--
Lead, F	N	<0.5	ug/L	ND	--	--	--	--
Mercury, UF	N	<0.067	ug/L	ND	--	--	--	--
Nickel, F	N	0.557	ug/L	D	--	--	--	--

Comments: The sampler was activated for corrective action monitoring on 4/14/2015 at 11:30 AM. A confirmation monitoring sample was collected on 7/7/2015 at 10:34 AM. The sampler was reactivated for enhanced control monitoring on 7/29/2015 at 4:15 PM (inoperable 22.2 d). A second confirmation monitoring sample was collected on 8/1/2015 at 5:08 PM. All enhanced control monitoring results were certified to be below target action levels on 9/8/2015. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Ra-226 & Ra-228, UF	N	<1.05	pCi/L	ND No MQL	--	--	--	--
Selenium, UF	N	<1.5	ug/L	ND MQL	--	--	--	--
Silver, F	N	<0.2	ug/L	ND MQL	--	--	--	--
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--
Vanadium, F	N	1.39	ug/L	D	--	--	--	--
Zinc, F	N	<3.3	ug/L	ND MQL	--	--	--	--
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Comments: The sampler was activated for corrective action monitoring on 4/14/2015 at 11:30 AM. A confirmation monitoring sample was collected on 7/7/2015 at 10:34 AM. The sampler was reactivated for enhanced control monitoring on 7/29/2015 at 4:15 PM (inoperable 22.2 d). A second confirmation monitoring sample was collected on 8/1/2015 at 5:08 PM. All enhanced control monitoring results were certified to be below target action levels on 9/8/2015. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 4/15/2015 at 9:00 AM. The sampler was shut down for the winter on 11/30/2015 at 1:20 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	E00703010004: Earthen Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E00703010005: Earthen Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E00703010010: Earthen Berm	CA	8/19/2012	7/20/2012
--	--	--	--	--	E00703060012: Straw Wattle	CA	--	10/6/2014
--	--	--	--	--	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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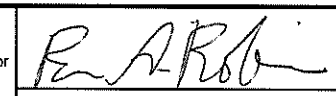
Comments: The sampler was activated for corrective action monitoring on 4/20/2015 at 1:30 PM. The sampler was shut down for the winter on 11/20/2015 at 10:35 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	E00801010006: Seed and Wood Mulch	BCM	4/29/2011	3/29/2011
--	--	--	--	--	E00802040016: Established Vegetation	BCM	--	4/23/2013
--	--	--	--	--	E00803010014: Earthen Berm	BCM	--	10/31/2011
--	--	--	--	--	E00803010015: Earthen Berm	BCM	--	10/31/2011
--	--	--	--	--	E00803060009: Straw Wattle	BCM	4/29/2011	3/29/2011
--	--	--	--	--	E00803060017: Straw Wattle	BCM	--	10/30/2015
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Comments: The sampler was activated for baseline monitoring on 4/14/2015 at 10:30 AM. The sampler was inoperable because of disturbed equipment on 4/14/2015 at 10:31 (estimated at immediately after last known operable time) and was reset on 5/13/2015 at 01:00 PM (inoperable up to 29 d). The sampler was shut down for the winter on 11/19/2015 at 9:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/23/2013
--	--	--	--	--	E00903010008: Earthen Berm	CA	8/26/2012	7/27/2012
--	--	--	--	--	E00903120005: Rock Berm	BCM	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/23/2013
--	--	--	--	--	E01003040003: Asphalt Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E01003100011: Gravel Bags	CA	--	7/14/2015
--	--	--	--	--	E01006010004: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E01006010005: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E01006010006: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E01006010007: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E01103100003: Gravel Bags	BCM	4/29/2011	12/13/2010
--	--	--	--	--	E01103100004: Gravel Bags	BCM	--	10/27/2014
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/23/2013
--	--	--	--	--	E01203090006: Curbing	BCM	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 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	12/1/2010	11/1/2010
--	--	--	--	--	E01304020003: Concrete/Asphalt Channel/Swale	BCM	12/1/2010	11/1/2010
--	--	--	--	--	E01306010004: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	E01306010005: Rock Check Dam	BCM	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2015. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) on 9/29/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	E01403010028: Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01403010029: Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01403060017: Straw Wattle	CA	--	11/7/2013
--	--	--	--	--	E01403060021: Straw Wattle	CA	--	8/12/2014
--	--	--	--	--	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
--	--	--	--	--	E01406010025: Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	E01406010026: Rock Check Dam	CA	10/4/2015	9/4/2015
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Comments: The sampler was activated for corrective action monitoring on 9/16/2015 at 1:00 PM. The sampler was shut down for the winter on 12/4/2015 at 9:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT. Reporting Period: January 01, 2015 - December 31, 2015	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 2015. Sampling was completed on 9/9/2012 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	H00103010005: Earthen Berm	BCM	--	9/15/2011
--	--	--	--	--	H00106010002: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	H00106010007: Rock Check Dam	BCM	--	12/4/2015
--	--	--	--	--	H00106010008: Rock Check Dam	BCM	--	12/4/2015
--	--	--	--	--	H00106010009: Rock Check Dam	BCM	--	12/4/2015
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Comments: The sampler was activated for baseline monitoring on 3/18/2015 at 1:45 PM. The sampler was shut down for the winter on 11/19/2015 at 10:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/13/2013
--	--	--	--	--	H00203010003: Earthen Berm	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00203010004: Earthen Berm	BCM	--	9/15/2011
--	--	--	--	--	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
--	--	--	--	--	H00203120012: Rock Berm	CA	--	10/6/2014
--	--	--	--	--	H00203120013: Rock Berm	CA	--	10/6/2014
--	--	--	--	--	H00205020007: Sediment Basin	CA	--	10/6/2014
--	--	--	--	--	H00208020006: Rock Cap	BCM	--	11/19/2013
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	H00303010030: Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00304060001: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00304060004: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00304060018: Rip Rap	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00306010002: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00306010005: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00306010006: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00306010012: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00306010016: Rock Check Dam	BCM	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 11/5/2015 at 11:35 AM. The sampler was shut down for the winter on 12/18/2015 at 2:15 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 11/5/2015 at 11:35 AM. The sampler was shut down for the winter on 12/18/2015 at 2:15 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	H00403060002: Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060003: Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060006: Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060008: Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060010: 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
--	--	--	--	--	H00403060018: Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060019: Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	H00403060021: 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 4/1/2015 at 11:45 AM. The sampler was inoperable because of disturbed equipment on 4/1/2015 at 11:45 AM (estimated at immediately after last known operable time) and was reset on 5/13/2015 at 12:30 PM (inoperable up to 42 d). The sampler was inoperable because of disturbed equipment on 7/23/2015 at 10:58 AM (estimated at immediately after last known operable time) and was reset on 9/24/2015 at 9:30 AM (inoperable up to 62.9 d). The sampler was shut down for the winter on 12/1/2015 at 11:35 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 4/14/2015 at 1:30 PM. The sampler was shut down for the winter on 12/1/2015 at 9:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	H00601010017: Seed and Wood Mulch	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00602040010: Established Vegetation	BCM	--	5/2/2013
--	--	--	--	--	H00603010007: Earthen Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	H00603010008: Earthen Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	H00603010016: Earthen Berm	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00604020009: Concrete/Asphalt Channel/Swale	BCM	4/29/2011	12/13/2010
--	--	--	--	--	H00604060005: Rip Rap	BCM	4/29/2011	12/13/2010
--	--	--	--	--	H00604060006: Rip Rap	BCM	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	BCM	4/29/2011	12/13/2010
--	--	--	--	--	H00607010012: Gabion	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00607010014: Gabion	CA	11/27/2015	10/28/2015
--	--	--	--	--	H00608030018: Concrete/Asphalt Cap	CA	11/27/2015	10/28/2015
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Comments: The sampler was activated for corrective action monitoring on 11/3/2015 at 9:11 AM. The sampler was shut down for the winter on 12/15/2015 at 11:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/23/2013
--	--	--	--	--	J00103010018: Earthen Berm	BCM	--	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	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00104050012: Water Bar	BCM	--	4/4/2011
--	--	--	--	--	J00104050013: Water Bar	BCM	--	4/4/2011
--	--	--	--	--	J00104050014: Water Bar	BCM	--	4/4/2011
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Comments: The sampler was activated for corrective action monitoring on 9/16/2015 at 3:00 PM. The sampler was shut down for the winter on 12/8/2015 at 10:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 4/24/2015 at 9:45 AM. The sampler attempted but was unable to collect a sample on 8/17/2015 at 12:27 PM and was reset on 8/25/2015 at 1:55 PM (inoperable 8.1 d). The sampler was shut down for the winter on 12/21/2015 at 9:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	R. A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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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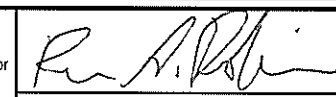
Comments: The sampler was activated for corrective action monitoring on at 4/20/2015 12:00 PM. The sampler was shut down for the winter on 12/21/2015 at 10:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	J00403010007: Earthen Berm	BCM	--	10/31/2011
--	--	--	--	--	J00406010006: Rock Check Dam	BCM	12/1/2010	11/1/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	12/1/2010	11/1/2010
--	--	--	--	--	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
--	--	--	--	--	J00506030004: Juniper Bales	BCM	12/1/2010	11/1/2010

Comments: The sampler was activated for corrective action monitoring on 8/12/2015 at 11:50 AM. The sampler was shut down for the winter on 12/2/2015 at 8:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/23/2013
--	--	--	--	--	J00603010009: Earthen Berm	CA	8/17/2012	7/18/2012
--	--	--	--	--	J00603010011: Earthen Berm	CA	--	11/5/2013
--	--	--	--	--	J00604010004: Earthen Channel/Swale	BCM	4/29/2011	12/22/2010
--	--	--	--	--	J00606010007: Rock Check Dam	BCM	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 4/14/2015 at 9:30 AM. The sampler was shut down for the winter on 12/21/2015 at 11:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	J00703010009: Earthen Berm	BCM	--	10/31/2011
--	--	--	--	--	J00703010010: Earthen Berm	BCM	--	10/31/2011
--	--	--	--	--	J00703010011: Earthen Berm	BCM	--	10/31/2011
--	--	--	--	--	J00703060013: Straw Wattle	BCM	--	11/7/2012
--	--	--	--	--	J00703060014: Straw Wattle	BCM	--	11/7/2012
--	--	--	--	--	J00703060015: Straw Wattle	BCM	--	11/7/2012
--	--	--	--	--	J00703060016: Straw Wattle	BCM	--	11/7/2012
--	--	--	--	--	J00703120012: Rock Berm	BCM	--	11/2/2011
--	--	--	--	--	J00706010002: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00706010003: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00706010004: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J00706010019: Rock Check Dam	CA	--	10/14/2015
--	--	--	--	--	J00706010020: Rock Check Dam	CA	--	10/14/2015
--	--	--	--	--	J00706010021: Rock Check Dam	CA	--	10/14/2015
--	--	--	--	--	J00706010022: Rock Check Dam	CA	--	10/14/2015

Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J00706010023: Rock Check Dam	CA	--	10/14/2015
--	--	--	--	--	J00706010024: Rock Check Dam	CA	--	10/14/2015
--	--	--	--	--	J00706010025: Rock Check Dam	CA	--	10/14/2015
--	--	--	--	--	J00706010026: Rock Check Dam	CA	--	10/14/2015
--	--	--	--	--	J00706010027: Rock Check Dam	CA	--	10/14/2015
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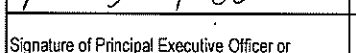
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J00803040007: Asphalt Berm	BCM	--	4/22/2014
--	--	--	--	--	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 4/20/2015 at 1:00 PM. The sampler attempted but was unable to collect a sample on 6/1/2015 at 12:59 PM and was reset on 6/16/2015 at 3:15 PM (inoperable 15.1 d). The sampler was shut down for the winter on 12/9/2015 at 9:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 4/20/2015 at 2:00 PM. The sampler attempted but was unable to collect a sample on 7/31/2015 at 1:07 PM and was reset on 8/3/2015 at 11:15 AM (inoperable 2.9 d). The sampler was shut down for the winter on 12/9/2015 at 9:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J01001030022: Hydromulch	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01002040010: Established Vegetation	BCM	--	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
--	--	--	--	--	J01003060013: Straw Wattle	CA	--	7/15/2014
--	--	--	--	--	J01003060014: Straw Wattle	CA	--	11/4/2014
--	--	--	--	--	J01003060015: Straw Wattle	CA	--	11/4/2014
--	--	--	--	--	J01003140021: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01004060020: Rip Rap	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01006010008: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J01006010009: Rock Check Dam	BCM	12/1/2010	11/1/2010
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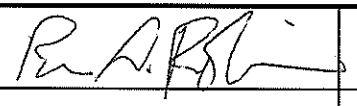
Comments: The sampler was activated for corrective action monitoring on 11/3/2015 at 12:00 PM. The sampler was shut down for the winter on 12/9/2015 at 9:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J01201060027: Erosion Control Blanket	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01203020001: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	J01203140018: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01203140019: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01203140020: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01203140028: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01203140029: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01204030030: Rock Channel/Swale	CA	11/27/2015	10/28/2015
--	--	--	--	--	J01204050016: Water Bar	CA	11/27/2015	10/28/2015
--	--	--	--	--	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

Comments: The sampler was activated for corrective action monitoring on 11/3/2015 at 11:00 AM. The sampler was shut down for the winter on 12/9/2015 at 9:40 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	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
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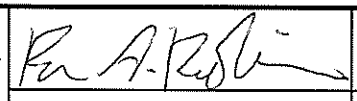
Comments: The sampler was activated for corrective action monitoring on 11/3/2015 at 11:00 AM. The sampler was shut down for the winter on 12/9/2015 at 9:40 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J01301010020: Seed and Wood Mulch	BCM	--	8/13/2013
--	--	--	--	--	J01301010028: Seed and Wood Mulch	CA	--	3/4/2015
--	--	--	--	--	J01302040018: Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	J01303010024: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J01303010025: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J01303010026: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J01303010027: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	J01303140029: Coir Log	CA	--	12/2/2015
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Comments: The sampler was activated for corrective action monitoring on 8/12/2015 at 2:20 PM. The sampler was shut down for the winter on 12/9/2015 at 9:25 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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
--	--	--	--	--	J01403060018: Straw Wattle	CA	--	4/28/2014
--	--	--	--	--	J01403060024: Straw Wattle	CA	--	3/4/2015
--	--	--	--	--	J01403060026: Straw Wattle	CA	--	3/4/2015
--	--	--	--	--	J01406010004: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	J01406010006: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	J01406010007: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	J01406010008: Rock Check Dam	BCM	4/29/2011	12/13/2010
--	--	--	--	--	J01406010009: Rock Check Dam	BCM	4/29/2011	12/13/2010
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Comments: The sampler was activated for corrective action monitoring on 8/12/2015 at 2:00 PM. The sampler was shut down for the winter on 12/9/2015 at 9:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J01503010002: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	J01503010003: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	J01503140006: Coir Log	BCM	--	7/21/2015
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Comments: The sampler was activated for baseline monitoring on 3/23/2015 at 1:20 PM. The sampler was shut down for the winter on 12/2/2015 at 12:40 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	12/13/2010
--	--	--	--	--	J01607010002: Gabions	BCM	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 3/23/2015 at 12:50 PM. The sampler was shut down for the winter on 12/15/2015 at 11:25 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/23/2015 at 2:30 PM. The sampler was shut down for the winter on 12/2/2015 at 1:00 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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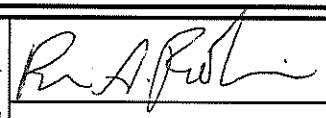
Comments: The sampler was activated for baseline monitoring on 3/19/2015 at 12:50 PM. The sampler was shut down for the winter on 12/2/2015 at 12:55 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J01903060005: Straw Wattle	BCM	--	11/6/2013
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Comments: The sampler was activated for baseline monitoring on 3/19/2015 at 12:25 PM. The sampler was not reactivated for confirmation monitoring following collection of a non-confirmation sample on 7/20/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J02003010008: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	J02003040006: Asphalt Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	J02003060011: Straw Wattle	BCM	--	8/4/2015
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Comments: The sampler was activated for baseline monitoring on 3/19/2015 at 11:25 AM. The sampler was shut down for the winter on 12/15/2015 at 9:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/19/2015 at 10:35 AM. The sampler was shut down for the winter on 12/15/2015 at 12:30 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J02203020005: Base Course Berm	BCM	4/29/2011	12/13/2010
--	--	--	--	--	J02203060008: Straw Wattle	BCM	--	11/6/2013
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Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 8/18/2011 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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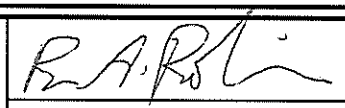
Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 8/08/2013 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/16/2013
--	--	--	--	--	J02404060006: Rip Rap	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02404060007: Rip Rap	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02405010005: Sediment Trap	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02406010004: Rock Check Dam	BCM	12/1/2010	11/16/2010
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Comments: The sampler was activated for monitoring on 5/5/2015 at 2:25 PM to collect a sample per Part I, Section E.1(b) following completion of corrective action per E.2(c) certification of control measures to totally eliminate exposure of pollutants to stormwater. The sampler was shut down on 5/21/2015 after collection of the required sample.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/16/2013
--	--	--	--	--	J02604010009: Earthen Channel/Swale	BCM	--	9/27/2011
--	--	--	--	--	J02604010011: Earthen Channel/Swale	BCM	--	11/6/2014
--	--	--	--	--	J02604060007: Rip Rap	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02604060012: Rip Rap	BCM	--	11/6/2014
--	--	--	--	--	J02605010005: Sediment Trap	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02606010004: Rock Check Dam	BCM	12/1/2010	11/16/2010
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Comments: The sampler was activated for monitoring on 4/30/2015 at 12:30 PM to collect a sample per Part I, Section E.1(b) following completion of corrective action per E.2(c) certification of control measures to totally eliminate exposure of pollutants to stormwater. The sampler was shut down for the winter on 12/7/2015 at 9:13 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/16/2013
--	--	--	--	--	J02504020004: Concrete/Asphalt Channel/Swale	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02504020006: Concrete/Asphalt Channel/Swale	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02504060010: Rip Rap	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02505020002: Sediment Basin	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02506010005: Rock Check Dam	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02506010008: Rock Check Dam	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02506010009: Rock Check Dam	BCM	12/1/2010	11/16/2010
--	--	--	--	--	J02507010001: Gabions	BCM	12/1/2010	11/16/2010
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Comments: The sampler was activated for monitoring on 5/5/2015 at 12:45 PM to collect a sample per Part I, Section E.1(b) following completion of corrective action per E.2(c) certification of control measures to totally eliminate exposure of pollutants to stormwater. The sampler was shut down for the winter on 11/17/2015 at 12:15 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/16/2013
--	--	--	--	--	J02703090001: Curbing	BCM	4/29/2011	11/16/2010
--	--	--	--	--	J02704060006: Rip Rap	BCM	4/29/2011	11/16/2010
--	--	--	--	--	J02708030005: Concrete/Asphalt Cap	BCM	4/29/2011	11/16/2010
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Comments: No confirmation monitoring was conducted in 2015. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) on 10/25/2013.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	J02804060006: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J02806010004: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J02806010005: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J02806010007: Rock Check Dam	BCM	--	7/25/2012
--	--	--	--	--	J02808030008: Concrete/Asphalt Cap	CA	6/1/2013	5/2/2013
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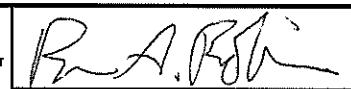
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	J02903010009: Earthen Berm	BCM	--	8/31/2011
--	--	--	--	--	J02903010011: Earthen Berm	BCM	--	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 9/16/2015 at 4:00 PM. The sampler was shut down for the winter on 12/8/2015 at 10:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	J03001010005: Seed and Wood Mulch	CA	9/16/2012	8/17/2012
--	--	--	--	--	J03002040006: Established Vegetation	BCM	--	4/23/2013
--	--	--	--	--	J03003010003: Earthen Berm	BCM	12/1/2010	11/1/2010
--	--	--	--	--	J03003010004: Earthen Berm	CA	9/16/2012	8/17/2012
--	--	--	--	--	J03004010002: Earthen Channel/Swale	BCM	12/1/2010	11/1/2010
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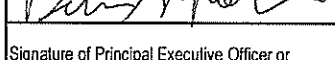
Comments: The sampler was activated for corrective action monitoring on 3/26/2015 at 1:30 PM. The sampler was shut down for the winter on 12/14/2015 at 1:35 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	J03102040013: Established Vegetation	BCM	--	4/23/2013
Gross alpha, UF	N	7.66	pCi/L	D	J03103010009: Earthen Berm	CA	7/27/2012	6/27/2012
Total PCB, UF	Y	0.00226	ug/L	ATAL1	J03103010010: Earthen Berm	CA	7/27/2012	6/27/2012
--	--	--	--	--	J03103010012: Earthen Berm	CA	--	7/27/2012
--	--	--	--	--	J03103020004: Base Course Berm	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for corrective action monitoring on 3/26/2015 at 2:45 PM. A confirmation monitoring sample was collected on 8/2/2015 at 2:03 PM. The sampler was reactivated for enhanced control monitoring on 8/17/2015 at 3:30 PM (inoperable 15.1 d). The sampler was shut down for the winter on 12/14/2015 at 1:20 PM. ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	N	260	ug/L	D	V00102040012: Established Vegetation	BCM	--	5/3/2013
Antimony, F	N	2.18	ug/L	D	V00103020008: Base Course Berm	BCM	4/29/2011	12/15/2010
Arsenic, F	N	<1.7	ug/L	ND	V00103060009: Straw Wattle	BCM	--	9/2/2011
Boron, F	N	21.8	ug/L	D	V00103060011: Straw Wattle	BCM	--	8/2/2012
Cadmium, F	N	<0.11	ug/L	ND MQL	V00103060013: Straw Wattle	CA	--	9/8/2015
Chromium, F	N	<2	ug/L	ND MQL	V00104060001: Rip Rap	BCM	4/29/2011	12/15/2010
Cobalt, F	N	<1	ug/L	ND MQL	V00106010007: Rock Check Dam	BCM	4/29/2011	12/15/2010
Copper, F	N	2.69	ug/L	D	--	--	--	--
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	--	--	--	--
Gross alpha, UF	N	8.24	pCi/L	D	--	--	--	--
Lead, F	N	<0.5	ug/L	ND	--	--	--	--
Mercury, UF	N	<0.067	ug/L	ND	--	--	--	--
Nickel, F	N	0.733	ug/L	D	--	--	--	--
Ra-226 & Ra-228, UF	N	1.61	pCi/L	D	--	--	--	--
RDX, UF	N	<0.287	ug/L	ND No MQL	--	--	--	--
Selenium, UF	N	<1.5	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 2:20 PM. The sampler was inoperable because of equipment failure - ISCO head malfunction - on 3/31/2015 at 11:30 AM (estimated at immediately after last known operable time) and was reset on 5/7/2015 at 11:30 AM (inoperable up to 37 d). A confirmation monitoring sample was collected on 8/2/2015 at 1:14 PM. Sampling was completed on 9/14/2015 with receipt of all results less than target action levels. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Silver, F	N	<0.2	ug/L	ND MQL	--	--	--	--
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--
Trinitrotoluene[2,4,6-], UF	N	<0.287	ug/L	ND No MQL	--	--	--	--
Vanadium, F	N	1.55	ug/L	D	--	--	--	--
Zinc, F	N	<3.3	ug/L	ND MQL	--	--	--	--
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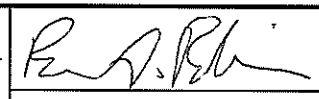
Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 2:20 PM. The sampler was inoperable because of equipment failure - ISCO head malfunction - on 3/31/2015 at 11:30 AM (estimated at immediately after last known operable time) and was reset on 5/7/2015 at 11:30 AM (inoperable up to 37 d). A confirmation monitoring sample was collected on 8/2/2015 at 1:14 PM. Sampling was completed on 9/14/2015 with receipt of all results less than target action levels. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value. ND No MQL-Not detected, ATAL not exceeded ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/3/2013
--	--	--	--	--	V00203020002: Base Course Berm	BCM	4/29/2011	12/15/2010
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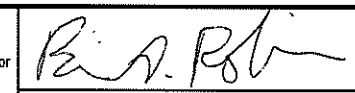
Comments: No confirmation monitoring was conducted in 2015. A Certificate of Completion under NMED's Consent Order was requested on 8/13/2015 for all associated Sites and a request for force majeure extension of the deadline to complete corrective action was requested on 10/30/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	8/27/2013
--	--	--	--	--	V00303010066: Earthen Berm	BCM	--	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	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00303060077: Straw Wattle	BCM	--	11/14/2013
--	--	--	--	--	V00303060080: Straw Wattle	BCM	--	11/14/2013
--	--	--	--	--	V00303060083: Straw Wattle	CA	--	9/10/2015
--	--	--	--	--	V00303060085: Straw Wattle	CA	--	11/20/2015
--	--	--	--	--	V00303060086: Straw Wattle	CA	--	11/20/2015
--	--	--	--	--	V00303120087: Rock Berm	CA	--	11/20/2015
--	--	--	--	--	V00305020068: Sediment Basin	BCM	--	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

Comments: The sampler was activated for corrective action monitoring on 3/25/2015 at 9:43 AM. The sampler was shut down for the winter on 12/14/2015 at 3:20 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	V00305020076: Sediment Basin	CA	6/11/2014	5/12/2014
--	--	--	--	--	V00306010012: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00306010039: Rock Check Dam	BCM	--	8/11/2011
--	--	--	--	--	V00306010040: Rock Check Dam	BCM	--	8/11/2011
--	--	--	--	--	V00306010043: Rock Check Dam	BCM	--	8/29/2011
--	--	--	--	--	V00306010057: Rock Check Dam	BCM	--	8/29/2011
--	--	--	--	--	V00306010058: Rock Check Dam	BCM	--	9/6/2012
--	--	--	--	--	V00306010059: Rock Check Dam	BCM	--	9/6/2012
--	--	--	--	--	V00306010060: Rock Check Dam	BCM	--	9/6/2012
--	--	--	--	--	V00306010061: Rock Check Dam	BCM	--	9/6/2012
--	--	--	--	--	V00306010062: Rock Check Dam	BCM	--	9/6/2012
--	--	--	--	--	V00306010063: Rock Check Dam	BCM	--	9/6/2012
--	--	--	--	--	V00306010064: Rock Check Dam	BCM	--	9/6/2012
--	--	--	--	--	V00306010065: Rock Check Dam	BCM	--	9/6/2012
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Comments: The sampler was activated for corrective action monitoring on 3/25/2015 at 9:43 AM. The sampler was shut down for the winter on 12/14/2015 at 3:20 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/3/2013
--	--	--	--	--	V00403010004: Earthen Berm	CA	8/17/2012	7/18/2012
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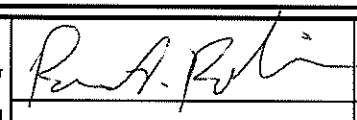
Comments: The sampler was activated for corrective action monitoring on 3/25/2015 at 9:55 AM. The sampler was shut down for the winter on 12/14/2015 at 3:12 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	V00502040016: Established Vegetation	BCM	--	5/16/2013
--	--	--	--	--	V00503010027: Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00503010028: Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	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
--	--	--	--	--	V00504060015: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V00504060026: Rip Rap	CA	10/4/2015	9/4/2015
--	--	--	--	--	V00506010006: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V00506010008: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V00506010009: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V00506010010: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V00506010013: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V00506010014: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V00506010019: Rock Check Dam	CA	10/4/2015	9/4/2015

Comments: The sampler was activated for corrective action monitoring on 9/14/2015 at 4:30 PM. Seasonal deactivation pending.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	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
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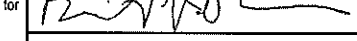
Comments: The sampler was activated for corrective action monitoring on 9/14/2015 at 4:30 PM. Seasonal deactivation pending.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/16/2013
--	--	--	--	--	V00603010006: Earthen Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	V00603010007: Earthen Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	V00603010008: Earthen Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	V00603010009: Earthen Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	V00603010010: Earthen Berm	BCM	4/29/2011	4/26/2011
--	--	--	--	--	V00603090001: Curbing	BCM	4/29/2011	4/26/2011
--	--	--	--	--	V00604060003: Rip Rap	BCM	4/29/2011	4/26/2011
--	--	--	--	--	V00606010002: Rock Check Dam	BCM	4/29/2011	4/26/2011
--	--	--	--	--	V00608020012: Rock Cap	BCM	4/29/2011	4/26/2011
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Aluminum, F	N	129	ug/L	D	V00702040021: Established Vegetation	BCM	--	5/3/2013
Antimony, F	N	<1	ug/L	ND MQL	V00703010027: Earthen Berm	BCM	--	10/24/2014
Arsenic, F	N	<1.7	ug/L	ND	V00703060028: Straw Wattle	BCM	--	10/24/2014
Boron, F	N	16.8	ug/L	D	V00703060030: Straw Wattle	CA	--	8/11/2015
Cadmium, F	N	<0.11	ug/L	ND MQL	V00703060031: Straw Wattle	CA	--	7/27/2015
Chromium, F	N	<2	ug/L	ND MQL	V00703120026: Rock Berm	BCM	--	10/24/2014
Cobalt, F	N	<1	ug/L	ND MQL	V00706010019: Rock Check Dam	BCM	--	10/14/2011
Copper, F	N	4.13	ug/L	D	V00706010020: Rock Check Dam	BCM	--	10/14/2011
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	V00706010024: Rock Check Dam	BCM	--	6/25/2014
Gross alpha, UF	Y	54.4	pCi/L	ATAL1	V00706010025: Rock Check Dam	BCM	--	6/25/2014
Lead, F	N	<0.5	ug/L	ND	V00707010002: Gabions	BCM	4/29/2011	12/15/2010
Mercury, UF	N	<0.067	ug/L	ND	--	--	--	--
Nickel, F	N	0.698	ug/L	D	--	--	--	--
Ra-226 & Ra-228, UF	N	5.04	pCi/L	D	--	--	--	--
Selenium, UF	N	2.74	ug/L	D	--	--	--	--
Silver, F	N	<0.2	ug/L	ND MQL	--	--	--	--

Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 1:15 PM. A confirmation monitoring sample was collected on 07/20/2015 at 7:07 PM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/26/2015. Alternative compliance will be requested at all associated Sites. ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value. ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Thallium, F	N	<0.45	ug/L	ND MQL	--	--	--	--
Vanadium, F	N	5.03	ug/L	D	--	--	--	--
Zinc, F	N	4.06	ug/L	D	--	--	--	--
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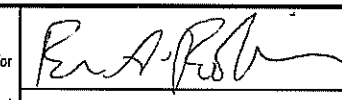
Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 1:15 PM. A confirmation monitoring sample was collected on 07/20/2015 at 7:07 PM. Corrective action planning was initiated following receipt of results exceeding a target action level on 8/26/2015. Alternative compliance will be requested at all associated Sites. ATAL1-Result is greater than the ATAL value. D-Detected - No TAL exceedance. ND MQL-Not detected, reporting level is less than the MQL value. ND-Not Detected, reporting level is greater than or equal to 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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V00804060010: Rip Rap	BCM	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 3/24/2015 at 12:20 PM. The sampler was shut down for the winter on 12/9/2015 at 11:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V008A04060005: Rip Rap	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V008A04060018: Rip Rap	BCM	--	10/14/2011
--	--	--	--	--	V008A04060019: Rip Rap	BCM	--	10/14/2011
--	--	--	--	--	V008A06010004: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V008A06010017: Rock Check Dam	BCM	--	9/12/2011
--	--	--	--	--	V008A07010003: Gabions	BCM	4/29/2011	12/15/2010
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Comments: The sampler was activated for corrective action monitoring on 10/1/2015 at 11:25 AM. The sampler was shut down for the winter on 12/9/2015 at 11:20 AM.

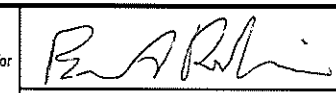
Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 2015. Sampling was completed on 07/26/2013 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	V00906010033: Rock Check Dam	BCM	--	10/20/2011
--	--	--	--	--	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 2015. Sampling was completed on 07/26/2013 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/3/2013
--	--	--	--	--	V009A03020005: Base Course Berm	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A03020012: Base Course Berm	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A03060030: Straw Wattle	BCM	--	11/22/2013
--	--	--	--	--	V009A03060031: Straw Wattle	BCM	--	11/22/2013
--	--	--	--	--	V009A06010003: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010004: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010006: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010013: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010014: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010015: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A06010016: Rock Check Dam	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V009A06030017: Juniper Bales	BCM	4/29/2011	12/15/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	1/12/2011
--	--	--	--	--	V01003120009: Rock Berm	BCM	4/29/2011	1/12/2011
--	--	--	--	--	V01004060007: Rip Rap	BCM	4/29/2011	1/12/2011
--	--	--	--	--	V01006010004: Rock Check Dam	BCM	4/29/2011	1/12/2011
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Comments: The sampler was activated for corrective action monitoring on 3/23/2015 at 2:30 PM. The sampler was shut down for the winter on 12/3/2015 at 10:27 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/23/2015 at 1:00 PM. The sampler was shut down for the winter on 12/3/2015 at 10:20 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	V01201030019: Hydromulch	CA	--	9/17/2015
--	--	--	--	--	V01202040013: Established Vegetation	BCM	--	4/29/2013
--	--	--	--	--	V01203010016: Earthen Berm	BCM	--	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	BCM	4/29/2011	1/12/2011
--	--	--	--	--	V01203060015: Straw Wattle	BCM	--	8/8/2013
--	--	--	--	--	V01203060020: Straw Wattle	CA	--	9/23/2015
--	--	--	--	--	V01203060021: Straw Wattle	CA	--	9/23/2015
--	--	--	--	--	V01206010022: Rock Check Dam	CA	--	11/2/2015
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Comments: The sampler was activated for corrective action monitoring on 10/16/2015 at 2:45 PM. The sampler was shut down for the winter on 12/3/2015 at 10:35 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
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Comments: The sampler was activated for corrective action monitoring on 3/23/2015 at 11:30 AM. The sampler attempted but was unable to collect a sample on 8/01/2015 at 11:45 AM and was reset on 8/3/2015 at 9:30 AM (inoperable 1.9 d). The sampler was shut down for the winter on 12/3/2015 at 10:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	V01303010006: Earthen Berm	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V01303010007: Earthen Berm	BCM	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
--	--	--	--	--	V01303140012: Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	V01303140013: Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	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
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Comments: The sampler was activated for corrective action monitoring on 9/14/2015 at 11:45 AM. The sampler was shut down for the winter on 12/8/2015 at 10:05 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	V01403010008: Earthen Berm	BCM	--	11/14/2011
--	--	--	--	--	V01403010012: Earthen Berm	BCM	--	12/17/2013
--	--	--	--	--	V01406010003: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V01406010004: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V01406010010: Rock Check Dam	BCM	--	12/17/2013
--	--	--	--	--	V01406010011: Rock Check Dam	BCM	--	12/17/2013
--	--	--	--	--	V01406010013: Rock Check Dam	BCM	--	9/3/2014
--	--	--	--	--	V01406010014: Rock Check Dam	BCM	--	9/3/2014
--	--	--	--	--	V01406010015: Rock Check Dam	BCM	--	9/3/2014
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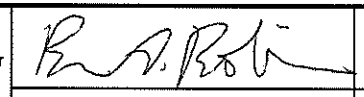
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	V01503010004: Earthen Berm	BCM	4/29/2011	12/15/2010
--	--	--	--	--	V01503010005: Earthen Berm	BCM	4/29/2011	12/15/2010
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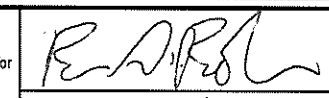
Comments: The sampler was activated for baseline monitoring on 3/24/2015 at 2:18 PM. The sampler was shut down for the winter on 12/14/2015 at 1:50 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	4/3/2013
--	--	--	--	--	V01603010002: Earthen Berm	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V01603010003: Earthen Berm	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V01603010004: Earthen Berm	BCM	4/29/2011	12/22/2010
--	--	--	--	--	V01603140006: Coir Log	BCM	--	8/5/2015
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Comments: The sampler was activated for baseline monitoring on 3/26/2015 at 12:30 PM. The sampler attempted but was unable to collect a sample on 6/26/2015 at 6:54 PM and was reset on 7/01/2015 at 9:00 AM (inoperable 4.6 d). The sampler attempted but was unable to collect a sample on 7/6/2015 at 12:49 PM and was reset on 7/17/2015 at 11:05 AM (inoperable 10.9 d). The sampler collected insufficient volume on 8/17/2015 at 12:34 PM, and was reset on 8/20/2015 at 9:20 AM (inoperable 2.9 d). The sampler collected insufficient volume on 8/31/2015 at 12:54 PM, and was reset on 9/4/2015 at 8:30 AM (inoperable 3.8 d). The sampler attempted but was unable to collect a sample on 9/22/2015 at 4:32 PM and was reset on 09/24/2015 at 2:00 PM (inoperable 1.9 d). The sampler was shut down for the winter on 12/1/2015 at 12:30 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	F00103010017: Earthen Berm	BCM	--	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 10/1/2015 at 10:20 AM. The sampler was shut down for the winter on 12/18/2015 at 2:00 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	F00103120019: Rock Berm	CA	--	10/30/2014
--	--	--	--	--	F00103120020: Rock Berm	CA	--	10/30/2014
--	--	--	--	--	F00103120021: Rock Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00103120023: Rock Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00104010001: Earthen Channel/Swale	BCM	4/29/2011	12/22/2010
--	--	--	--	--	F00104010038: Earthen Channel/Swale	CA	10/28/2015	9/28/2015
--	--	--	--	--	F00104050032: Water Bar	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
--	--	--	--	--	F00105060022: Infiltration Basin	CA	10/28/2015	9/28/2015
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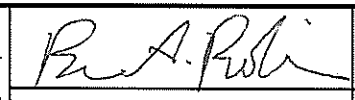
Comments: The sampler was activated for corrective action monitoring on 10/1/2015 at 10:20 AM. The sampler was shut down for the winter on 12/18/2015 at 2:00 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	I00103010007: Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	I00103010008: Earthen Berm	CA	12/27/2012	11/27/2012
--	--	--	--	--	I00103060010: Straw Wattle	CA	--	11/20/2013
--	--	--	--	--	I00103060011: Straw Wattle	CA	--	11/20/2013
--	--	--	--	--	I00104030012: Rock Channel/Swale	CA	--	3/27/2014
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Comments: The sampler was activated for corrective action monitoring on 4/1/2015 at 12:45 PM. The sampler was shut down for the winter on 12/1/2015 at 10:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	4/29/2011	3/29/2011
--	--	--	--	--	I00202040034: Established Vegetation	BCM	--	5/8/2013
--	--	--	--	--	I00203010018: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	I00203010019: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	I00203010020: Earthen Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	I00203010021: Earthen Berm	BCM	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
--	--	--	--	--	I00203060035: Straw Wattle	CA	--	9/15/2015

Comments: The sampler was activated for corrective action monitoring on 10/16/2015 at 11:45 AM. The sampler was shut down for the winter on 12/1/2015 at 11:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	4/29/2011	3/29/2011
--	--	--	--	--	I00203120013: Rock Berm	BCM	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: The sampler was activated for corrective action monitoring on 10/16/2015 at 11:45 AM. The sampler was shut down for the winter on 12/1/2015 at 11:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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 3/26/2015 at 11:00 AM. The sampler was shut down for the winter on 12/1/2015 at 12:45 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	I00402040011: Established Vegetation	BCM	--	5/8/2013
--	--	--	--	--	I00403010021: Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00403010022: Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00403010024: Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00403060012: Straw Wattle	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00403060013: Straw Wattle	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00403120010: Rock Berm	BCM	4/29/2011	3/29/2011
--	--	--	--	--	I00403120023: Rock Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00404060020: Rip Rap	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00406010014: Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00406010015: Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00406010016: Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00406010017: Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00406010018: Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00406010019: Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	I00406010025: Rock Check Dam	CA	10/28/2015	9/28/2015

Comments: The sampler was activated for corrective action monitoring on 10/1/2015 at 11:20 AM. The sampler was shut down for the winter on 12/1/2015 at 11:50 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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 4/1/2015 at 10:15 AM. The sampler was shut down for the winter on 12/1/2015 at 12:15 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/8/2013
--	--	--	--	--	I00503010030: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00503060017: Straw Wattle	CA	--	9/4/2014
--	--	--	--	--	I00503060018: Straw Wattle	CA	--	9/4/2014
--	--	--	--	--	I00503120015: Rock Berm	CA	--	9/4/2014
--	--	--	--	--	I00503140039: Coir Log	CA	--	9/4/2015
--	--	--	--	--	I00504010029: Earthen Channel/Swale	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00504030016: Rock Channel/Swale	CA	--	9/4/2014
--	--	--	--	--	I00504040005: Culvert	BCM	12/1/2010	11/1/2010
--	--	--	--	--	I00504060038: Rip Rap	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00505020037: Sediment Basin	CA	9/9/2015	8/10/2015
--	--	--	--	--	I00506010021: Rock Check Dam	CA	--	9/4/2014
--	--	--	--	--	I00506010022: Rock Check Dam	CA	--	9/4/2014
--	--	--	--	--	I00506010023: Rock Check Dam	CA	--	9/4/2014
--	--	--	--	--	I00506010024: Rock Check Dam	CA	--	9/4/2014
--	--	--	--	--	I00506010025: Rock Check Dam	CA	--	9/4/2014

Comments: The sampler was activated for corrective action monitoring on 8/12/2015 at 10:30 AM. The sampler was shut down for the winter on 12/18/2015 at 1:36 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	I00506010026: Rock Check Dam	CA	--	9/4/2014
--	--	--	--	--	I00506010027: Rock Check Dam	CA	--	9/4/2014
--	--	--	--	--	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
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Comments: The sampler was activated for corrective action monitoring on 8/12/2015 at 10:30 AM. The sampler was shut down for the winter on 12/18/2015 at 1:36 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	I00701060021: Erosion Control Blanket	CA	11/27/2015	10/28/2015
--	--	--	--	--	I00702040008: Established Vegetation	BCM	--	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
--	--	--	--	--	I00703120007: Rock Berm	BCM	--	8/9/2012
--	--	--	--	--	I00703120009: Rock Berm	BCM	--	5/12/2014
--	--	--	--	--	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

Comments: The sampler was activated for corrective action monitoring on 11/5/2015 at 11:15 AM. The sampler was shut down for the winter on 12/18/2015 at 1:45 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	I00703140019: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	I00703140020: Coir Log	CA	11/27/2015	10/28/2015
--	--	--	--	--	I00704040005: Culvert	BCM	12/1/2010	11/1/2010
--	--	--	--	--	I00704050023: Water Bar	CA	11/27/2015	10/28/2015
--	--	--	--	--	I00704060002: Rip Rap	BCM	12/1/2010	11/1/2010
--	--	--	--	--	I00704060034: Rip Rap	CA	11/27/2015	10/28/2015
--	--	--	--	--	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
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Comments: The sampler was activated for corrective action monitoring on 11/5/2015 at 11:15 AM. The sampler was shut down for the winter on 12/18/2015 at 1:45 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	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	BCM	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 2015. Control measures eliminating exposure of pollutants to stormwater were certified per E.2(c) at Site 16-017(j)-99 on 9/29/2015. Alternative compliance was requested at Sites 16-026(c2) and 16-026(v) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	W00203010015: Earthen Berm	CA	10/25/2012	9/25/2012
--	--	--	--	--	W00203010020: Earthen Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	W00203060018: Straw Wattle	CA	--	8/14/2014
--	--	--	--	--	W00203160019: Wood Chip Wattle	CA	--	7/9/2015
--	--	--	--	--	W00204060007: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00204070002: Vegetated Swale	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00204070003: Vegetated Swale	BCM	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	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00206010009: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00206010010: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00206010011: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00206010016: Rock Check Dam	CA	10/25/2012	9/25/2012
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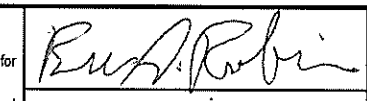
Comments: The sampler was activated for corrective action monitoring on 9/14/2015 at 1:15 PM. The sampler was shut down for the winter on 12/9/2015 at 10:25 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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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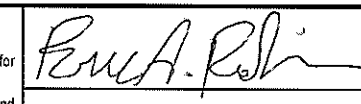
Comments: The sampler was activated for corrective action monitoring on 3/18/2015 at 12:15 PM. The sampler was shut down for the winter on 12/2/2015 at 12:04 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	W00403060010: Straw Wattle	BCM		12/1/2015
--	--	--	--	--	W00403060011: Straw Wattle	BCM		12/1/2015
--	--	--	--	--	W00403060012: Straw Wattle	BCM		12/1/2015
--	--	--	--	--	W00403060009: Straw Wattle	BCM	--	10/15/2014
--	--	--	--	--	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 3/24/2015 at 11:15 AM. The sampler was shut down for the winter on 12/2/2015 at 9:37 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	W00503060007: Straw Wattle	BCM	--	11/23/2015
--	--	--	--	--	W00503060008: Straw Wattle	BCM	--	11/23/2015
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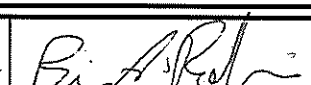
Comments: The sampler was activated for baseline monitoring on 3/24/2015 at 10:05 AM. The sampler was inoperable because of disturbed equipment on 6/10/2015 at 9:48 AM (estimated at immediately after last known operable time) and was reset on 7/8/2015 at 9:00 AM (inoperable up to 28 d). The sampler was shut down for the winter on 12/2/2015 at 9:11 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	W00604040011: Culvert	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00604050033: Water Bar	CA	--	10/23/2014
--	--	--	--	--	W00604060006: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00606010003: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00606010012: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00606010013: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00606010014: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00606010015: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00606010017: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00606010021: Rock Check Dam	BCM	--	9/6/2011
--	--	--	--	--	W00606010022: Rock Check Dam	BCM	--	6/6/2012
--	--	--	--	--	W00606010023: Rock Check Dam	BCM	--	6/6/2012
--	--	--	--	--	W00606010024: Rock Check Dam	BCM	--	6/6/2012
--	--	--	--	--	W00606010025: Rock Check Dam	BCM	--	6/6/2012
--	--	--	--	--	W00606010026: Rock Check Dam	BCM	--	6/6/2012

Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	W00606010027: Rock Check Dam	BCM	--	6/6/2012
--	--	--	--	--	W00606010028: Rock Check Dam	BCM	--	8/1/2012
--	--	--	--	--	W00606010031: Rock Check Dam	CA	--	10/23/2014
--	--	--	--	--	W00606010032: Rock Check Dam	CA	--	10/23/2014
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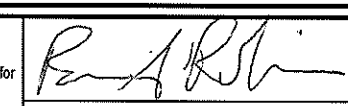
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015.	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
--	--	--	--	--	W00701010007: Seed and Wood Mulch	BCM	--	7/22/2013
--	--	--	--	--	W00702040004: Established Vegetation	BCM	--	7/22/2013
--	--	--	--	--	W00703060005: Straw Wattle	BCM	--	7/22/2013
--	--	--	--	--	W00703060006: Straw Wattle	BCM	--	7/22/2013
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Comments: The sampler was activated for baseline monitoring on 3/25/2015 at 10:30 AM. The sampler was shut down for the winter on 12/2/2015 at 10:13 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	W00803010049: Earthen Berm	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803060010: Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00803060017: Straw Wattle	BCM	--	7/22/2013
--	--	--	--	--	W00803060018: Straw Wattle	BCM	--	7/22/2013
--	--	--	--	--	W00803060019: Straw Wattle	BCM	--	7/22/2013
--	--	--	--	--	W00803060024: Straw Wattle	CA	--	10/15/2014
--	--	--	--	--	W00803060025: Straw Wattle	CA	--	10/15/2014
--	--	--	--	--	W00803140035: Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140036: Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140037: Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140038: Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140039: Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140040: Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140041: Coir Log	CA	10/28/2015	9/28/2015

Comments: The sampler was activated for corrective action monitoring on 10/1/2015 at 11:03 AM. The sampler was shut down for the winter on 12/2/2015 at 10:36 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	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
--	--	--	--	--	W00803140046: Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00803140047: Coir Log	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010001: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00806010003: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00806010004: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00806010015: Rock Check Dam	BCM	--	7/22/2013
--	--	--	--	--	W00806010016: Rock Check Dam	BCM	--	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

Comments: The sampler was activated for corrective action monitoring on 10/1/2015 at 11:03 AM. The sampler was shut down for the winter on 12/2/2015 at 10:36 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	W00806010031: Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	W00806010032: Rock Check Dam	CA	10/28/2015	9/28/2015
--	--	--	--	--	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	BCM	--	7/22/2013
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Comments: The sampler was activated for corrective action monitoring on 10/1/2015 at 11:03 AM. The sampler was shut down for the winter on 12/2/2015 at 10:36 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	W00902040009: Established Vegetation	BCM	--	5/7/2013
--	--	--	--	--	W00903010004: Earthen Berm	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00904060003: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00906010001: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00906010005: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00906010006: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W00906010007: Rock Check Dam	BCM	4/29/2011	12/22/2010
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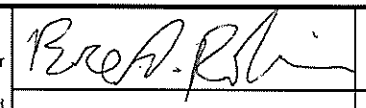
Comments: The sampler was activated for baseline monitoring on 3/27/2015 at 9:00 AM. The sampler was shut down for the winter on 12/2/2015 at 11:05 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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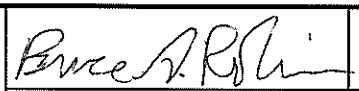
Comments: The sampler was activated for baseline monitoring on 3/26/2015 at 2:58 PM. The sampler was shut down for the winter on 12/2/2015 at 10:55 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	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 8/12/2015 at 11:30 AM. The sampler was shut down for the winter on 12/2/2015 at 10:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/3/2013
--	--	--	--	--	W01203060010: Straw Wattle	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01206010006: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01206010007: Rock Check Dam	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01206010008: Rock Check Dam	BCM	4/29/2011	12/22/2010
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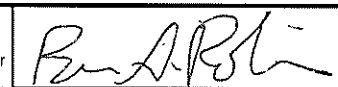
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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 9/14/2015 at 10:11 AM. The sampler was shut down for the winter on 12/9/2015 at 11:05 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	W01303010003: Earthen Berm	BCM	4/29/2011	12/22/2010
--	--	--	--	--	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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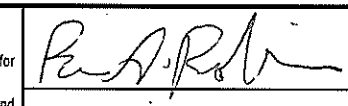
Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 9/13/2013 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 -- December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	W01403010006: Earthen Berm	BCM	--	11/14/2011
--	--	--	--	--	W01403010007: Earthen Berm	BCM	--	11/14/2011
--	--	--	--	--	W01403060002: Straw Wattle	BCM	12/1/2010	11/1/2010
--	--	--	--	--	W01403060003: Straw Wattle	BCM	12/1/2010	11/1/2010
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Comments: The sampler was activated for baseline monitoring on 3/31/2015 at 9:00 AM. The sampler was shut down for the winter on 12/8/2015 at 9:07 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/7/2013
--	--	--	--	--	W01503060009: Straw Wattle	BCM	--	7/18/2013
--	--	--	--	--	W01503060011: Straw Wattle	BCM	--	7/18/2013
--	--	--	--	--	W01503060016: Straw Wattle	CA	--	8/26/2014
--	--	--	--	--	W01503060018: Straw Wattle	CA	--	8/18/2015
--	--	--	--	--	W01503060019: Straw Wattle	CA	--	8/18/2015
--	--	--	--	--	W01503100017: Gravel Bags	BCM	--	10/28/2014
--	--	--	--	--	W01506030004: Juniper Bales	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01506030005: Juniper Bales	BCM	4/29/2011	12/22/2010
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.	Bruce A Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/31/2015 at 9:10 AM. The sampler was shut down for the winter on 12/8/2015 at 9:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	12/22/2010
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Comments: The sampler was activated for corrective action monitoring on 3/31/2015 at 9:36 AM. The sampler was shut down for the winter on 12/8/2015 at 9:25 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
Cyanide (WAD), UF	N	<0.00214	mg/L	ND MQL	W01802040025: Established Vegetation	BCM	--	5/7/2013
Gross alpha, UF	Y	77.8	pCi/L	ATAL1	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	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01803040016: Asphalt Berm	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01803060028: Straw Wattle	CA	--	8/19/2015
--	--	--	--	--	W01803060029: Straw Wattle	CA	--	8/19/2015
--	--	--	--	--	W01803060030: Straw Wattle	CA	--	8/19/2015
--	--	--	--	--	W01803090002: Curbing	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01803100026: Gravel Bags	CA	--	8/19/2015
--	--	--	--	--	W01803100027: Gravel Bags	CA	--	8/19/2015
--	--	--	--	--	W01804060004: Rip Rap	BCM	4/29/2011	12/22/2010
--	--	--	--	--	W01804060013: Rip Rap	BCM	4/29/2011	12/22/2010
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Comments: The sampler was activated for corrective action monitoring on 3/31/2015 at 9:47 AM. A confirmation monitoring sample was collected on 8/1/2015 at 11:33 AM. The sampler was reactivated for enhanced control monitoring on 8/11/2015 at 9:50 (inoperable 9.9 d). The sampler was shut down for the winter on 12/8/2015 at 9:35 AM. ATAL1-Result is greater than the ATAL value. ND MQL-Not detected, reporting level is less than the MQL value.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/9/2013
--	--	--	--	--	W01903010040: Earthen Berm	BCM	--	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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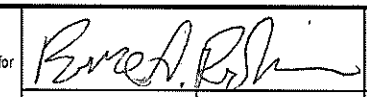
Comments: The sampler was activated for corrective action monitoring on 3/26/2015 at 11:15 AM. The sampler was shut down for the winter on 12/7/2015 at 11:06 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	W02002040016: 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 3/26/2015 at 10:35 AM. The sampler was shut down for the winter on 12/4/2015 at 11:05 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	3/29/2011
--	--	--	--	--	W02106010008: Rock Check Dam	BCM	4/29/2011	3/29/2011
--	--	--	--	--	W02106010009: Rock Check Dam	BCM	4/29/2011	3/29/2011
--	--	--	--	--	W02106010010: Rock Check Dam	BCM	4/29/2011	3/29/2011
--	--	--	--	--	W02106010011: Rock Check Dam	BCM	4/29/2011	3/29/2011
--	--	--	--	--	W02106010012: Rock Check Dam	BCM	4/29/2011	3/29/2011
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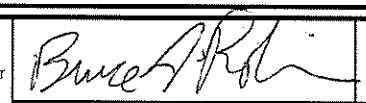
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/26/2015 at 10:08 AM. The sampler was shut down for the winter on 12/8/2015 at 1:45 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/13/2013
--	--	--	--	--	A00103010005: Earthen Berm	BCM	12/1/2010	11/1/2010
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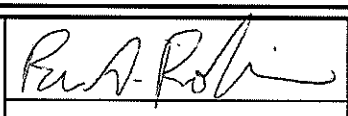
Comments: The sampler was activated for baseline monitoring on 3/19/2015 at 10:30 AM. The sampler attempted but was unable to collect a sample on 5/13/2015 at 04:54 AM and was reset on 5/18/2015 at 12:30 PM (inoperable 5.3 d). The sampler attempted but was unable to collect a sample on 7/28/2015 at 6:41 PM and was reset on 7/29/2015 at 11:40 AM (inoperable 0.7 d). The sampler attempted but was unable to collect a sample on 7/29/2015 at 11:59 PM and was reset on 08/03/2015 at 10:45 AM (inoperable 4.4 d). The sampler was shut down for the winter on 12/1/2015 at 9:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	A00202040017: Established Vegetation	BCM	--	5/13/2013
--	--	--	--	--	A00203010041: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00203010042: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00203010043: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00203020051: Base Course Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00203150047: Redi-Rock Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00204040044: Culvert	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00204040046: Culvert	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00204040049: Culvert	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00204050053: Water Bar	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00204060004: Rip Rap	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00204080045: TRM-Lined Swale	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00204080048: TRM-Lined Swale	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00204080052: TRM-Lined Swale	CA	9/9/2015	8/10/2015
--	--	--	--	--	A00205020050: Sediment Basin	CA	9/9/2015	8/10/2015
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Comments: The sampler was activated for corrective action monitoring on 8/13/2015 at 2:50 PM. The sampler was shut down for the winter on 12/1/2015 at 10:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	A00303060008: Straw Wattle	BCM	--	7/19/2013
--	--	--	--	--	A00303060009: Straw Wattle	BCM	--	7/19/2013
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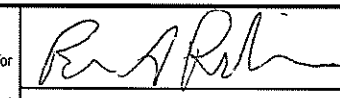
Comments: The sampler was activated for baseline monitoring on 3/19/2015 at 12:00 PM. The sampler was shut down for the winter on 12/3/2015 at 9:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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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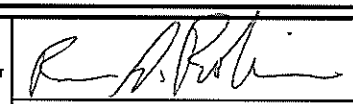
Comments: The sampler was activated for corrective action monitoring on 3/18/2015 at 2:30 PM. The sampler was inoperable because of a dead battery on 4/29/2015 at 1:35 (estimated at immediately after last known operable time) and was reset on 6/4/2015 at 11:45 AM (inoperable up to 35.9 d). The sampler was shut down for the winter on 12/3/2015 at 9:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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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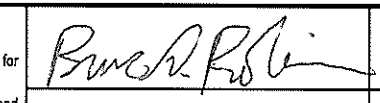
Comments: The sampler was activated for baseline monitoring on 3/18/2015 at 1:30 PM. The sampler was shut down for the winter on 11/23/2015 at 1:40 PM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/13/2013
--	--	--	--	--	A00603020023: Base Course Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00603120017: Rock Berm	BCM	--	5/23/2012
--	--	--	--	--	A00603140026: Coir Log	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00603150027: Redi-Rock Berm	CA	10/4/2015	9/4/2015
--	--	--	--	--	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	BCM	12/1/2010	11/1/2010
--	--	--	--	--	A00606010011: Rock Check Dam	BCM	12/1/2010	11/1/2010
--	--	--	--	--	A00606010014: Rock Check Dam	BCM	--	9/14/2011
--	--	--	--	--	A00606010019: Rock Check Dam	BCM	--	11/26/2013
--	--	--	--	--	A00606010028: Rock Check Dam	CA	10/4/2015	9/4/2015
--	--	--	--	--	A00608020029: Rock Cap	CA	10/4/2015	9/4/2015
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Comments: The sampler was activated for corrective action monitoring on 9/14/2015 at 11:50 AM. The sampler was shut down for the winter on 12/1/2015 at 9:37 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	A00703060002: Straw Wattle	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00703060004: Straw Wattle	BCM	--	11/12/2013
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Comments: No confirmation monitoring was conducted in 2015. Sampling was completed on 7/25/2013 with receipt of all results less than target action levels.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/6/2013
--	--	--	--	--	A00803010007: Earthen Berm	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00803010009: Earthen Berm	BCM	--	5/20/2011
--	--	--	--	--	A00806010003: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00806010004: Rock Check Dam	BCM	4/29/2011	1/12/2011
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Comments: The sampler was activated for baseline monitoring on 3/30/2015 at 10:15 AM. The sampler was shut down for the winter on 12/7/2015 at 9:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Bruce A Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/6/2013
--	--	--	--	--	A00903010021: Earthen Berm	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00904020007: Concrete/Asphalt Channel/Swale	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00904060005: Rip Rap	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010008: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010009: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010010: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010011: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010012: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010013: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010014: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010015: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010016: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010017: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010018: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	A00906010019: Rock Check Dam	BCM	4/29/2011	1/12/2011

Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	4/29/2011	1/12/2011
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Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.	Bruce A. Robinson	2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00104050007: Water Bar	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00106010003: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00106010004: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00106010005: Rock Check Dam	BCM	4/29/2011	1/12/2011
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Comments: The sampler was activated for corrective action monitoring on 11/3/2015 at 10:33 AM. The sampler was shut down for the winter on 12/7/2015 at 10:15 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	Q00203060009: Straw Wattle	BCM	--	11/22/2013
--	--	--	--	--	Q00203060011: Straw Wattle	BCM	--	11/22/2013
--	--	--	--	--	Q00203060012: Straw Wattle	BCM	--	10/16/2014
--	--	--	--	--	Q00203060013: Straw Wattle	BCM	--	10/16/2014
--	--	--	--	--	Q00203060014: Straw Wattle	BCM	--	5/29/2015
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Comments: The sampler was activated for baseline monitoring on 3/30/2015 at 10:58 AM. The sampler was shut down for the winter on 12/4/2015 at 10:45 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002A06010003: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002A06010007: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002A06010009: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002A08030004: Concrete/Asphalt Cap	BCM	4/29/2011	1/12/2011
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Comments: The sampler was activated for corrective action monitoring on 9/14/2015 at 9:00 AM. The sampler was shut down for the winter on 12/4/2015 at 10:40 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/6/2013
--	--	--	--	--	Q002B03150013: Redi-Rock Berm	CA	6/12/2014	5/13/2014
--	--	--	--	--	Q002B04060006: Rip Rap	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002B04060007: Rip Rap	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002B04060010: Rip Rap	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002B06010004: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002B06010008: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002B06010011: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q002B08030003: Concrete/Asphalt Cap	BCM	4/29/2011	1/12/2011
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Comments: The sampler was activated for corrective action monitoring on 3/30/2015 at 11:35 AM. The sampler was shut down for the winter on 11/19/2015 at 8:52 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	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	BCM	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: The sampler was activated for corrective action monitoring on 11/3/2015 at 9:49 AM. The sampler was shut down for the winter on 12/7/2015 at 10:02 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
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Comments: The sampler was activated for corrective action monitoring on 11/3/2015 at 9:49 AM. The sampler was shut down for the winter on 12/7/2015 at 10:02 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	Q00401030016: Hydromulch	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00402040009: Established Vegetation	BCM	--	5/9/2013
--	--	--	--	--	Q00403010015: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00403060002: Straw Wattle	BCM	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 8/12/2015 at 3:25 PM. The sampler was shut down for the winter on 12/4/2015 at 10:55 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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
--	--	--	--	--	Q00503140021: Coir Log	BCM	--	11/25/2015
--	--	--	--	--	Q00503140022: Coir Log	BCM	--	11/25/2015
--	--	--	--	--	Q00502040019: Established Vegetation	BCM	--	5/9/2013
--	--	--	--	--	Q00503010020: Earthen Berm	BCM	--	11/13/2013
--	--	--	--	--	Q00503060006: Straw Wattle	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00506010003: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00506010004: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00506010005: Rock Check Dam	BCM	4/29/2011	1/12/2011
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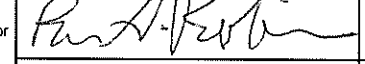
Comments: The sampler was activated for baseline monitoring on 3/30/2015 at 2:18 PM. The sampler was shut down for the winter on 12/4/2015 at 10:30 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/9/2013
--	--	--	--	--	Q00603060009: Straw Wattle	CA	--	10/20/2014
--	--	--	--	--	Q00603060010: Straw Wattle	CA	--	10/20/2014
--	--	--	--	--	Q00606010002: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00606010003: Rock Check Dam	BCM	4/29/2011	1/12/2011
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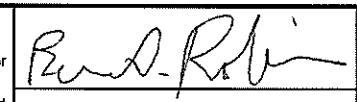
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/6/2013
--	--	--	--	--	Q00703010009: Earthen Berm	BCM	--	7/18/2011
--	--	--	--	--	Q00703060014: Straw Wattle	BCM	--	8/13/2013
--	--	--	--	--	Q00703140017: Coir Log	CA	--	9/25/2014
--	--	--	--	--	Q00703140018: Coir Log	CA	--	9/25/2014
--	--	--	--	--	Q00703140019: Coir Log	CA	--	9/25/2014
--	--	--	--	--	Q00706010002: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00706010003: Rock Check Dam	BCM	4/29/2011	1/12/2011
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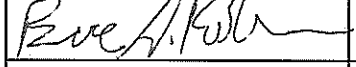
Comments: No confirmation monitoring was conducted in 2015. Alternative compliance was requested at all associated Sites(s) on 5/6/2015.

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.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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 3/31/2015 at 1:55 PM. The sampler was inoperable because of equipment failure - ISCO head malfunction - on 5/6/2015 at 1:00 PM (estimated at immediately after last known operable time) and was reset on 5/18/2015 at 14:34 (inoperable up to 12.1.d). The sampler was shut down for the winter on 12/4/2015 at 10:20 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/9/2013
--	--	--	--	--	Q00903010017: Earthen Berm	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00903010041: Earthen Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00903060035: Straw Wattle	BCM	--	10/1/2012
--	--	--	--	--	Q00903060040: Straw Wattle	CA	--	10/20/2014
--	--	--	--	--	Q00903120030: Rock Berm	BCM	--	10/17/2011
--	--	--	--	--	Q00903120031: Rock Berm	BCM	--	10/17/2011
--	--	--	--	--	Q00903120032: Rock Berm	BCM	--	10/17/2011
--	--	--	--	--	Q00903150043: Redi-Rock Berm	CA	9/9/2015	8/10/2015
--	--	--	--	--	Q00906010001: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010007: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010008: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010011: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010018: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010021: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010022: Rock Check Dam	BCM	4/29/2011	1/12/2011

Comments: The sampler was activated for corrective action monitoring on 8/12/2015 at 3:40 PM. The sampler was shut down for the winter on 12/4/2015 at 10:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010024: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010025: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010026: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010027: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	Q00906010037: Rock Check Dam	BCM	--	5/8/2014
--	--	--	--	--	Q00906010038: Rock Check Dam	BCM	--	5/8/2014
--	--	--	--	--	Q00906010039: Rock Check Dam	BCM	--	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 8/12/2015 at 3:40 PM. The sampler was shut down for the winter on 12/4/2015 at 10:10 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
Typed or Printed Name/ Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Los Alamos National Laboratory Los Alamos, NM 87545	COMPLIANCE STATUS REPORT Reporting Period: January 01, 2015 - December 31, 2015	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	BCM	--	5/9/2013
--	--	--	--	--	Q01003010010: Earthen Berm	BCM	--	7/18/2011
--	--	--	--	--	Q01003010011: Earthen Berm	BCM	--	7/18/2011
--	--	--	--	--	Q01006010003: Rock Check Dam	BCM	4/29/2011	1/12/2011
--	--	--	--	--	--	--	--	--
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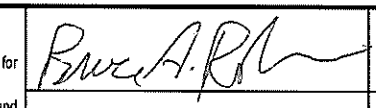
Comments: The sampler was activated for baseline monitoring on 3/30/2015 at 1:31 PM. The sampler was shut down for the winter on 12/4/2015 at 10:00 AM.

Bruce A. Robinson, Program Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		2/10/2016
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	Sample Delivery Group Number Chain of Custody	Site Monitoring Area	Client ID
May 21, 2015	2015-1285	PJ-SMA-17	WT_IPC-15-95421
July 7, 2015	2015-1650	M-SMA-12	WT_IPC-15-102019
July 29, 2015	2015-1897	S-SMA-3.72	WT_IPC-15-102034
August 2, 2015	2015-2110	STRM-SMA-5.05	WT_IPC-15-101952
October 21, 2015	2016-146	S-SMA-6	WT_IPC-15-106553

Blank Population Summary

Date Range	Associated Chains of Custody
June 1, 2015 to June 30, 2015	2015-1285
July 1, 2015 to July 31, 2015	2015-1650
August 1, 2015 to August 31, 2015	2015-1897 and 2015-2110
October 1, 2015 to October 31, 2015	2016-146

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUN-15 to 30-JUN-15

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	1.89	1.51	4.91	
3-Chlorobiphenyl (2)	pg/L	1.58	1.25	4.07	
4-Chlorobiphenyl (3)	pg/L	1.68	1.47	4.62	
2,2'-Dichlorobiphenyl (4)	pg/L	5.09	3.56	12.2	
2,3-Dichlorobiphenyl (5)	pg/L	2.8	1.97	6.74	
2,3'-Dichlorobiphenyl (6)	pg/L	2.23	1.6	5.43	
2,4-Dichlorobiphenyl (7)	pg/L	2.4	1.7	5.8	
2,4'-Dichlorobiphenyl (8)	pg/L	2.56	1.93	6.43	
2,5-Dichlorobiphenyl (9)	pg/L	2.44	1.75	5.94	
2,6-Dichlorobiphenyl (10)	pg/L	2.15	1.73	5.61	
3,3'-Dichlorobiphenyl (11)	pg/L	2.53	1.66	5.85	
3,4-Dichlorobiphenyl (12)	pg/L	2.89	1.67	6.24	
3,5-Dichlorobiphenyl (14)	pg/L	2.44	1.68	5.8	
4,4'-Dichlorobiphenyl (15)	pg/L	3.47	2.64	8.74	
2,2',3-Trichlorobiphenyl (16)	pg/L	1.77	2.53	6.83	
2,2',4-Trichlorobiphenyl (17)	pg/L	1.63	2.34	6.3	
2,2',5-Trichlorobiphenyl (18)	pg/L	1.54	1.93	5.41	
2,2',6-Trichlorobiphenyl (19)	pg/L	2.38	3.17	8.71	
2,3,3'-Trichlorobiphenyl (20)	pg/L	1.35	1.63	4.62	
2,3,4-Trichlorobiphenyl (21)	pg/L	1.22	1.63	4.47	
2,3,4'-Trichlorobiphenyl (22)	pg/L	1.28	1.82	4.92	
2,3,5-Trichlorobiphenyl (23)	pg/L	1.19	1.69	4.57	
2,3,6-Trichlorobiphenyl (24)	pg/L	1.26	1.85	4.96	
2,3',4-Trichlorobiphenyl (25)	pg/L	1.06	1.47	4.01	
2,3',5-Trichlorobiphenyl (26)	pg/L	1.19	1.57	4.32	
2,3',6-Trichlorobiphenyl (27)	pg/L	1.15	1.65	4.45	
2,4',5-Trichlorobiphenyl (31)	pg/L	3.34	8.61	20.6	*
2,4',6-Trichlorobiphenyl (32)	pg/L	1.08	1.58	4.25	
2',3,5-Trichlorobiphenyl (34)	pg/L	1.18	1.67	4.52	
3,3',4-Trichlorobiphenyl (35)	pg/L	1.59	2.51	6.62	
3,3',5-Trichlorobiphenyl (36)	pg/L	1.48	2.4	6.28	
3,4,4'-Trichlorobiphenyl (37)	pg/L	2.02	3	8.03	
3,4,5-Trichlorobiphenyl (38)	pg/L	1.51	2.44	6.4	
3,4',5-Trichlorobiphenyl (39)	pg/L	1.49	2.34	6.17	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	1.9	2.44	6.79	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	2.48	3.25	8.99	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	2.09	2.68	7.44	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	2.34	2.93	8.19	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	2.07	2.39	6.84	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	1.58	1.67	4.93	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	1.57	1.84	5.25	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	2.09	2.63	7.35	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	1.91	2.2	6.31	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	1.43	1.58	4.59	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	2.09	2.5	7.09	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	1.16	1.43	4.03	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUN-15 to 30-JUN-15

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	1.42	1.76	4.94	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	1.46	1.84	5.14	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	1.33	1.72	4.77	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	1.41	1.84	5.09	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	1.59	1.96	5.5	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	1.43	1.82	5.06	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	1.47	1.7	4.88	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	1.25	1.62	4.49	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	1.53	1.96	5.44	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	1.47	1.67	4.8	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	1.18	1.53	4.24	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	1.26	1.62	4.5	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	1.26	1.63	4.51	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	1.59	2.11	5.82	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	1.84	2.18	6.2	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	1.41	1.77	4.94	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	1.22	1.58	4.39	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	1.22	1.59	4.4	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	1.77	2.1	5.96	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	1.86	2.49	6.83	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	1.93	2.69	7.31	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	1.76	2.41	6.59	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	1.46	1.86	5.19	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	1.74	1.98	5.69	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	1.74	2.21	6.15	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	1.7	2.33	6.36	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	1.69	1.95	5.59	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	1.64	2.24	6.13	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	1.65	2.29	6.23	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.77	2.42	6.6	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	1.56	2.15	5.86	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.962	1.25	3.47	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	1.76	2.27	6.3	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	1.56	2.15	5.85	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	1.47	2.02	5.51	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	1.18	1.46	4.1	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	2.29	3.03	8.36	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	1.58	2.42	6.41	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	1.48	2.31	6.09	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.66	2.55	6.76	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	1.42	1.76	4.94	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	1.3	1.76	4.82	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	1.2	1.59	4.39	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	2.32	3.07	8.47	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	2.21	2.84	7.89	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	1.19	1.61	4.41	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUN-15 to 30-JUN-15

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	1.28	1.76	4.8	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	1.69	2.58	6.85	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	2.18	2.9	7.98	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	2.73	3.6	9.94	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.66	2.58	6.82	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	1.75	1.56	4.87	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	1.8	1.62	5.04	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	1.81	1.83	5.47	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	1.9	1.93	5.76	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	1.82	1.86	5.53	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	1.66	1.72	5.1	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	2.05	2.08	6.21	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	1.36	1.21	3.78	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	0.937	0.91	2.76	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	1.76	1.82	5.39	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	1.58	1.61	4.81	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	1.6	1.6	4.79	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	1.74	1.75	5.23	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	1.6	1.63	4.85	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	1.25	1.2	3.65	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	1.03	0.995	3.02	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	1.37	1.5	4.36	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	1.57	1.58	4.73	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	1.23	1.16	3.54	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	0.97	0.929	2.83	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	0.907	0.878	2.66	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	1.51	1.34	4.19	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	1.12	1.08	3.28	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	0.902	0.801	2.51	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	1.87	1.91	5.68	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	1.18	1.23	3.63	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	1.13	1.25	3.62	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	1.42	1.42	4.25	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	1.2	1.24	3.68	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	1.85	3.37	8.59	
2,3,3',4',5',6-Hexachlorobiphenyl (164)	pg/L	1.24	1.26	3.76	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	1.39	1.42	4.23	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	1.4	1.34	4.07	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	1.81	1.73	5.26	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	1.69	1.3	4.28	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	1.37	1.07	3.51	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	1.37	1.17	3.71	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	1.22	1.02	3.27	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	1.19	1.08	3.35	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	0.897	0.798	2.49	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	1.32	1.12	3.55	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUN-15 to 30-JUN-15

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	1.24	1.1	3.44	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	0.875	0.775	2.43	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	1.68	1.49	4.66	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	1.31	1.1	3.5	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	1.2	1.09	3.38	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	1.48	0.991	3.46	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	0.931	0.783	2.5	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	0.984	0.877	2.74	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	1.38	1.15	3.67	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	1	0.825	2.65	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	1.65	2.41	6.47	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	1.05	0.883	2.82	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	1.05	0.959	2.97	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	1.16	0.993	3.14	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	1.1	1.11	3.32	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	1.27	1.17	3.62	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	1.33	1.2	3.72	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	1.06	0.804	2.67	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	1.39	1.06	3.51	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	0.921	0.776	2.47	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	1.13	0.882	2.89	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	1.35	1.2	3.76	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	0.966	0.832	2.63	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	1.08	1.04	3.16	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	1.94	1.58	5.09	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	1.19	1.02	3.24	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	1.4	1.09	3.58	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	1.91	2.22	6.35	

** = PQL adjusted to the MBCV.*

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1285**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7681001**	**Date Collected:**	**05/21/2015 09:50**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**05/28/2015 10:38**		
Client ID:	**WT_IPC-15-95421**			**Prep Basis:**	**As Received**
Batch ID:	**29263**	**Method:**	**EPA Method 1668A**		
Run Date:	**06/23/2015 16:31**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c22jun15a_3-5**			**Dilution:**	**10**
Prep Batch:	**29261**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**18-JUN-15**	**Prep Aliquot:**	**100 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
2051-60-7	PCB-1	U	2000	2000	pg/L	2000
2051-61-8	PCB-2	U	2000	2000	pg/L	2000
2051-62-9	PCB-3	U	2000	2000	pg/L	2000
13029-08-8	PCB-4	U	2000	2000	pg/L	2000
16605-91-7	PCB-5	U	2000	2000	pg/L	2000
25569-80-6	PCB-6	U	2000	2000	pg/L	2000
33284-50-3	PCB-7	U	2000	2000	pg/L	2000
34883-43-7	PCB-8	U	2000	2000	pg/L	2000
34883-39-1	PCB-9	U	2000	2000	pg/L	2000
33146-45-1	PCB-10	U	2000	2000	pg/L	2000
2050-67-1	PCB-11	U	10000	10000	pg/L	10000
PCB-12/13	PCB-13/12	CU	4000	4000	pg/L	4000
34883-41-5	PCB-14	U	2000	2000	pg/L	2000
2050-68-2	PCB-15	U	2000	2000	pg/L	2000
38444-78-9	PCB-16	U	2000	2000	pg/L	2000
37680-66-3	PCB-17	U	2000	2000	pg/L	2000
PCB-18/30	PCB-18/30	CU	4000	4000	pg/L	4000
38444-73-4	PCB-19	U	2000	2000	pg/L	2000
PCB-20/28	PCB-20/28	CU	4000	4000	pg/L	4000
PCB-21/33	PCB-21/33	CU	4000	4000	pg/L	4000
38444-85-8	PCB-22	U	2000	2000	pg/L	2000
55720-44-0	PCB-23	U	2000	2000	pg/L	2000
55702-45-9	PCB-24	U	2000	2000	pg/L	2000
55712-37-3	PCB-25	U	2000	2000	pg/L	2000
PCB-26/29	PCB-26/29	CU	4000	4000	pg/L	4000
38444-76-7	PCB-27	U	2000	2000	pg/L	2000
16606-02-3	PCB-31	U	2060	2060	pg/L	2060
38444-77-8	PCB-32	U	2000	2000	pg/L	2000
37680-68-5	PCB-34	U	2000	2000	pg/L	2000
37680-69-6	PCB-35	U	2000	2000	pg/L	2000
38444-87-0	PCB-36	U	2000	2000	pg/L	2000
38444-90-5	PCB-37	U	2000	2000	pg/L	2000

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1285**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7681001**	**Date Collected:**	**05/21/2015 09:50**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**05/28/2015 10:38**		
Client ID:	**WT_IPC-15-95421**			**Prep Basis:**	**As Received**
Batch ID:	**29263**	**Method:**	**EPA Method 1668A**		
Run Date:	**06/23/2015 16:31**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c22jun15a_3-5**			**Dilution:**	**10**
Prep Batch:	**29261**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**18-JUN-15**	**Prep Aliquot:**	**100 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
53555-66-1	PCB-38	U	2000	2000	pg/L	2000
38444-88-1	PCB-39	U	2000	2000	pg/L	2000
PCB-40/71	PCB-40/71	CU	4000	4000	pg/L	4000
52663-59-9	PCB-41	U	2000	2000	pg/L	2000
36559-22-5	PCB-42	U	2000	2000	pg/L	2000
70362-46-8	PCB-43	U	2000	2000	pg/L	2000
PCB-44/47/65	PCB-44/65/47	CU	6000	6000	pg/L	6000
PCB-45/51	PCB-45/51	CU	4000	4000	pg/L	4000
41464-47-5	PCB-46	U	2000	2000	pg/L	2000
70362-47-9	PCB-48	U	2000	2000	pg/L	2000
PCB-49/69	PCB-69/49	CU	4000	4000	pg/L	4000
PCB-50/53	PCB-50/53	CU	4000	4000	pg/L	4000
35693-99-3	PCB-52	U	2000	2000	pg/L	2000
15968-05-5	PCB-54	U	2000	2000	pg/L	2000
74338-24-2	PCB-55	U	2000	2000	pg/L	2000
41464-43-1	PCB-56	U	2000	2000	pg/L	2000
70424-67-8	PCB-57	U	2000	2000	pg/L	2000
41464-49-7	PCB-58	U	2000	2000	pg/L	2000
PCB-59/62/75	PCB-59/62/75	CU	6000	6000	pg/L	6000
33025-41-1	PCB-60	U	2000	2000	pg/L	2000
PCB-61-76	PCB-61/76/70/74	CU	8000	8000	pg/L	8000
74472-34-7	PCB-63	U	2000	2000	pg/L	2000
52663-58-8	PCB-64	U	2000	2000	pg/L	2000
32598-10-0	PCB-66	U	2000	2000	pg/L	2000
73575-53-8	PCB-67	U	2000	2000	pg/L	2000
73575-52-7	PCB-68	U	2000	2000	pg/L	2000
41464-42-0	PCB-72	U	2000	2000	pg/L	2000
74338-23-1	PCB-73	U	2000	2000	pg/L	2000
32598-13-3	PCB-77	U	2000	2000	pg/L	2000
70362-49-1	PCB-78	U	2000	2000	pg/L	2000
41464-48-6	PCB-79	U	2000	2000	pg/L	2000
33284-52-5	PCB-80	U	2000	2000	pg/L	2000

Comments:

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Sample Summary

SDG Number:	**2015-1285**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7681001**	**Date Collected:**	**05/21/2015 09:50**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**05/28/2015 10:38**		
Client ID:	**WT_IPC-15-95421**			**Prep Basis:**	**As Received**
Batch ID:	**29263**	**Method:**	**EPA Method 1668A**		
Run Date:	**06/23/2015 16:31**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c22jun15a_3-5**			**Dilution:**	**10**
Prep Batch:	**29261**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**18-JUN-15**	**Prep Aliquot:**	**100 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
70362-50-4	PCB-81	U	2000	2000	pg/L	2000
52663-62-4	PCB-82	U	2000	2000	pg/L	2000
60145-20-2	PCB-83	U	2000	2000	pg/L	2000
52663-60-2	PCB-84	U	2000	2000	pg/L	2000
PCB-85-117	PCB-117/116/85	CU	6000	6000	pg/L	6000
PCB-86-125	PCB-86/87/97/109/119/125	CU	12000	12000	pg/L	12000
PCB-88/91	PCB-88/91	CU	4000	4000	pg/L	4000
73575-57-2	PCB-89	U	2000	2000	pg/L	2000
PCB-90-113	PCB-113/90/101	CU	6000	6000	pg/L	6000
52663-61-3	PCB-92	U	2000	2000	pg/L	2000
PCB-93/100	PCB-93/100	CU	4000	4000	pg/L	4000
73575-55-0	PCB-94	U	2000	2000	pg/L	2000
38379-99-6	PCB-95	U	2000	2000	pg/L	2000
73575-54-9	PCB-96	U	2000	2000	pg/L	2000
PCB-98/102	PCB-102/98	CU	4000	4000	pg/L	4000
38380-01-7	PCB-99	U	2000	2000	pg/L	2000
60145-21-3	PCB-103	U	2000	2000	pg/L	2000
56558-16-8	PCB-104	U	2000	2000	pg/L	2000
32598-14-4	PCB-105	U	2000	2000	pg/L	2000
70424-69-0	PCB-106	U	2000	2000	pg/L	2000
70424-68-9	PCB-107	U	2000	2000	pg/L	2000
PCB-108/124	PCB-108/124	CU	4000	4000	pg/L	4000
PCB-110/115	PCB-110/115	CU	4000	4000	pg/L	4000
39635-32-0	PCB-111	U	2000	2000	pg/L	2000
74472-36-9	PCB-112	U	2000	2000	pg/L	2000
74472-37-0	PCB-114	U	2000	2000	pg/L	2000
31508-00-6	PCB-118	U	2000	2000	pg/L	2000
68194-12-7	PCB-120	U	2000	2000	pg/L	2000
56558-18-0	PCB-121	U	2000	2000	pg/L	2000
76842-07-4	PCB-122	U	2000	2000	pg/L	2000
65510-44-3	PCB-123	U	2000	2000	pg/L	2000
57465-28-8	PCB-126	U	2000	2000	pg/L	2000

Comments:

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PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1285**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7681001**	**Date Collected:**	**05/21/2015 09:50**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**05/28/2015 10:38**		
Client ID:	**WT_IPC-15-95421**			**Prep Basis:**	**As Received**
Batch ID:	**29263**	**Method:**	**EPA Method 1668A**		
Run Date:	**06/23/2015 16:31**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c22jun15a_3-5**			**Dilution:**	**10**
Prep Batch:	**29261**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**18-JUN-15**	**Prep Aliquot:**	**100 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
39635-33-1	PCB-127	U	2000	2000	pg/L	2000
PCB-128/166	PCB-128/166	CU	4000	4000	pg/L	4000
PCB-129-163	PCB-138/163/129	CU	6000	6000	pg/L	6000
52663-66-8	PCB-130	U	2000	2000	pg/L	2000
61798-70-7	PCB-131	U	2000	2000	pg/L	2000
38380-05-1	PCB-132	U	2000	2000	pg/L	2000
35694-04-3	PCB-133	U	2000	2000	pg/L	2000
52704-70-8	PCB-134	U	2000	2000	pg/L	2000
PCB-135/151	PCB-151/135	CU	4000	4000	pg/L	4000
38411-22-2	PCB-136	U	2000	2000	pg/L	2000
35694-06-5	PCB-137	U	2000	2000	pg/L	2000
PCB-139/140	PCB-139/140	CU	4000	4000	pg/L	4000
52712-04-6	PCB-141	U	2000	2000	pg/L	2000
41411-61-4	PCB-142	U	2000	2000	pg/L	2000
68194-15-0	PCB-143	U	2000	2000	pg/L	2000
68194-14-9	PCB-144	U	2000	2000	pg/L	2000
74472-40-5	PCB-145	U	2000	2000	pg/L	2000
51908-16-8	PCB-146	U	2000	2000	pg/L	2000
PCB-147/149	PCB-147/149	CU	4000	4000	pg/L	4000
74472-41-6	PCB-148	U	2000	2000	pg/L	2000
68194-08-1	PCB-150	U	2000	2000	pg/L	2000
68194-09-2	PCB-152	U	2000	2000	pg/L	2000
PCB-153/168	PCB-153/168	CU	4000	4000	pg/L	4000
60145-22-4	PCB-154	U	2000	2000	pg/L	2000
33979-03-2	PCB-155	U	2000	2000	pg/L	2000
PCB-156/157	PCB-156/157	CU	4000	4000	pg/L	4000
74472-42-7	PCB-158	U	2000	2000	pg/L	2000
39635-35-3	PCB-159	U	2000	2000	pg/L	2000
41411-62-5	PCB-160	U	2000	2000	pg/L	2000
74472-43-8	PCB-161	U	2000	2000	pg/L	2000
39635-34-2	PCB-162	U	2000	2000	pg/L	2000
74472-45-0	PCB-164	U	2000	2000	pg/L	2000

Comments:

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Sample Summary

SDG Number:	**2015-1285**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7681001**	**Date Collected:**	**05/21/2015 09:50**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**05/28/2015 10:38**		
Client ID:	**WT_IPC-15-95421**			**Prep Basis:**	**As Received**
Batch ID:	**29263**	**Method:**	**EPA Method 1668A**		
Run Date:	**06/23/2015 16:31**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c22jun15a_3-5**			**Dilution:**	**10**
Prep Batch:	**29261**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**18-JUN-15**	**Prep Aliquot:**	**100 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-46-1	PCB-165	U	2000	2000	pg/L	2000
52663-72-6	PCB-167	U	2000	2000	pg/L	2000
32774-16-6	PCB-169	U	2000	2000	pg/L	2000
35065-30-6	PCB-170	U	2000	2000	pg/L	2000
PCB-171/173	PCB-173/171	CU	4000	4000	pg/L	4000
52663-74-8	PCB-172	U	2000	2000	pg/L	2000
38411-25-5	PCB-174	U	2000	2000	pg/L	2000
40186-70-7	PCB-175	U	2000	2000	pg/L	2000
52663-65-7	PCB-176	U	2000	2000	pg/L	2000
52663-70-4	PCB-177	U	2000	2000	pg/L	2000
52663-67-9	PCB-178	U	2000	2000	pg/L	2000
52663-64-6	PCB-179	U	2000	2000	pg/L	2000
PCB-180/193	PCB-193/180	CU	4000	4000	pg/L	4000
74472-47-2	PCB-181	U	2000	2000	pg/L	2000
60145-23-5	PCB-182	U	2000	2000	pg/L	2000
PCB-183/185	PCB-183/185	CU	4000	4000	pg/L	4000
74472-48-3	PCB-184	U	2000	2000	pg/L	2000
74472-49-4	PCB-186	U	2000	2000	pg/L	2000
52663-68-0	PCB-187	U	2000	2000	pg/L	2000
74487-85-7	PCB-188	U	2000	2000	pg/L	2000
39635-31-9	PCB-189	U	2000	2000	pg/L	2000
41411-64-7	PCB-190	U	2000	2000	pg/L	2000
74472-50-7	PCB-191	U	2000	2000	pg/L	2000
74472-51-8	PCB-192	U	2000	2000	pg/L	2000
35694-08-7	PCB-194	U	2000	2000	pg/L	2000
52663-78-2	PCB-195	U	2000	2000	pg/L	2000
42740-50-1	PCB-196	U	2000	2000	pg/L	2000
PCB-197/200	PCB-197/200	CU	4000	4000	pg/L	4000
PCB-198/199	PCB-198/199	CU	4000	4000	pg/L	4000
40186-71-8	PCB-201	U	2000	2000	pg/L	2000
2136-99-4	PCB-202	U	2000	2000	pg/L	2000
52663-76-0	PCB-203	U	2000	2000	pg/L	2000

Comments:

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PCB Congeners
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Sample Summary

SDG Number:	**2015-1285**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7681001**	**Date Collected:**	**05/21/2015 09:50**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**05/28/2015 10:38**		
Client ID:	**WT_IPC-15-95421**			**Prep Basis:**	**As Received**
Batch ID:	**29263**	**Method:**	**EPA Method 1668A**		
Run Date:	**06/23/2015 16:31**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c22jun15a_3-5**			**Dilution:**	**10**
Prep Batch:	**29261**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**18-JUN-15**	**Prep Aliquot:**	**100 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-52-9	PCB-204	U	2000	2000	pg/L	2000
74472-53-0	PCB-205	U	2000	2000	pg/L	2000
40186-72-9	PCB-206	U	2000	2000	pg/L	2000
52663-79-3	PCB-207	U	2000	2000	pg/L	2000
52663-77-1	PCB-208	U	2000	2000	pg/L	2000
2051-24-3	PCB-209	U	2000	2000	pg/L	2000
27323-18-8	Total Mono PCBs	U	0	0	pg/L	
25512-42-9	Total Di PCBs	U	0	0	pg/L	
25323-68-6	Total Tri PCBs	U	0	0	pg/L	
26914-33-0	Total Tetra PCBs	U	0	0	pg/L	
25429-29-2	Total Penta PCBs	U	0	0	pg/L	
26601-64-9	Total Hexa PCBs	U	0	0	pg/L	
28655-71-2	Total Hepta PCBs	U	0	0	pg/L	
55722-26-4	Total Octa PCBs	U	0	0	pg/L	
53742-07-7	Total Nona PCBs	U	0	0	pg/L	
DECACB(Tot)	Total Deca PCB	U	0	0	pg/L	
1336-36-3	Total PCB Congeners	U	0	0	pg/L	

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		10500	20000	pg/L	52.3	(15%-150%)
13C-3-MoCB		11200	20000	pg/L	55.8	(15%-150%)
13C-4-DiCB		10100	20000	pg/L	50.5	(25%-150%)
13C-15-DiCB		16200	20000	pg/L	81.2	(25%-150%)
13C-19-TrCB		14000	20000	pg/L	70.2	(25%-150%)
13C-37-TrCB		17300	20000	pg/L	86.6	(25%-150%)
13C-54-TeCB		14300	20000	pg/L	71.3	(25%-150%)
13C-77-TeCB		19700	20000	pg/L	98.3	(25%-150%)
13C-81-TeCB		20000	20000	pg/L	99.8	(25%-150%)
13C-104-PeCB		11400	20000	pg/L	57.1	(25%-150%)
13C-105-PeCB		17400	20000	pg/L	86.9	(25%-150%)
13C-114-PeCB		19000	20000	pg/L	95.2	(25%-150%)
13C-118-PeCB		17800	20000	pg/L	89.1	(25%-150%)
13C-123-PeCB		18700	20000	pg/L	93.6	(25%-150%)
13C-126-PeCB		17400	20000	pg/L	87.1	(25%-150%)
13C-155-HxCB		14700	20000	pg/L	73.3	(25%-150%)
13C-156-HxCB	C	33100	40000	pg/L	82.8	(25%-150%)
13C-167-HxCB		18700	20000	pg/L	93.6	(25%-150%)
13C-169-HxCB		15100	20000	pg/L	75.5	(25%-150%)
13C-188-HpCB		14500	20000	pg/L	72.4	(25%-150%)
13C-189-HpCB		17800	20000	pg/L	89.1	(25%-150%)
13C-202-OcCB		14500	20000	pg/L	72.6	(25%-150%)
13C-205-OcCB		17400	20000	pg/L	86.9	(25%-150%)

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1285**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7681001**	**Date Collected:**	**05/21/2015 09:50**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**05/28/2015 10:38**		
Client ID:	**WT_IPC-15-95421**			**Prep Basis:**	**As Received**
Batch ID:	**29263**	**Method:**	**EPA Method 1668A**		
Run Date:	**06/23/2015 16:31**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c22jun15a_3-5**			**Dilution:**	**10**
Prep Batch:	**29261**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**18-JUN-15**	**Prep Aliquot:**	**100 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-206-NoCB		16400	20000	pg/L	81.9	(25%-150%)
13C-208-NoCB		14200	20000	pg/L	71.1	(25%-150%)
13C-209-DeCB		15600	20000	pg/L	78.2	(25%-150%)
13C-28-TrCB		18700	20000	pg/L	93.5	(30%-135%)
13C-111-PeCB		15800	20000	pg/L	78.8	(30%-135%)
13C-178-HpCB		14900	20000	pg/L	74.3	(30%-135%)

Comments:

C **Congener has coeluters. When Cxxx, refer to congener number xxx for data**

U **Analyte was analyzed for , but not detected above the specified detection limit.**

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUL-15 to 31-JUL-15

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	1.17	1.59	4.35	
3-Chlorobiphenyl (2)	pg/L	0.943	1.29	3.52	
4-Chlorobiphenyl (3)	pg/L	1.03	1.56	4.16	
2,2'-Dichlorobiphenyl (4)	pg/L	3.03	3.56	10.1	
2,3-Dichlorobiphenyl (5)	pg/L	1.96	2.17	6.29	
2,3'-Dichlorobiphenyl (6)	pg/L	1.53	1.75	5.02	
2,4-Dichlorobiphenyl (7)	pg/L	1.64	1.86	5.36	
2,4'-Dichlorobiphenyl (8)	pg/L	1.41	1.62	4.64	
2,5-Dichlorobiphenyl (9)	pg/L	1.71	1.91	5.52	
2,6-Dichlorobiphenyl (10)	pg/L	1.58	1.84	5.26	
3,3'-Dichlorobiphenyl (11)	pg/L	1.75	1.85	5.45	
3,4-Dichlorobiphenyl (12)	pg/L	1.87	1.79	5.44	
3,5-Dichlorobiphenyl (14)	pg/L	1.68	1.86	5.4	
4,4'-Dichlorobiphenyl (15)	pg/L	2.07	2.38	6.83	
2,2',3-Trichlorobiphenyl (16)	pg/L	1.46	2.63	6.71	
2,2',4-Trichlorobiphenyl (17)	pg/L	1.39	2.41	6.22	
2,2',5-Trichlorobiphenyl (18)	pg/L	1.14	1.97	5.09	
2,2',6-Trichlorobiphenyl (19)	pg/L	1.74	3.31	8.35	
2,3,3'-Trichlorobiphenyl (20)	pg/L	1.19	1.73	4.65	
2,3,4-Trichlorobiphenyl (21)	pg/L	1.03	1.69	4.41	
2,3,4'-Trichlorobiphenyl (22)	pg/L	1.11	1.88	4.88	
2,3,5-Trichlorobiphenyl (23)	pg/L	1.02	1.75	4.51	
2,3,6-Trichlorobiphenyl (24)	pg/L	1.09	1.91	4.9	
2,3',4-Trichlorobiphenyl (25)	pg/L	0.907	1.53	3.96	
2,3',5-Trichlorobiphenyl (26)	pg/L	1	1.63	4.27	
2,3',6-Trichlorobiphenyl (27)	pg/L	0.984	1.7	4.39	
2,4',5-Trichlorobiphenyl (31)	pg/L	3.18	8.67	20.5	*
2,4',6-Trichlorobiphenyl (32)	pg/L	0.929	1.63	4.2	
2',3,5-Trichlorobiphenyl (34)	pg/L	1.02	1.72	4.47	
3,3',4-Trichlorobiphenyl (35)	pg/L	1.36	2.59	6.53	
3,3',5-Trichlorobiphenyl (36)	pg/L	1.26	2.47	6.2	
3,4,4'-Trichlorobiphenyl (37)	pg/L	1.6	3.09	7.79	
3,4,5-Trichlorobiphenyl (38)	pg/L	1.3	2.52	6.33	
3,4',5-Trichlorobiphenyl (39)	pg/L	1.27	2.41	6.09	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	1.5	2.57	6.63	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	1.94	3.39	8.72	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	1.63	2.81	7.25	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	1.82	3.08	7.99	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	1.52	2.54	6.6	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	1.13	1.79	4.71	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	1.12	1.94	5	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	1.62	2.76	7.14	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	1.41	2.33	6.08	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	1.02	1.68	4.39	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	1.54	2.63	6.8	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	0.836	1.54	3.91	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUL-15 to 31-JUL-15

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	1.1	1.86	4.81	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	1.15	1.94	5.03	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	1.04	1.81	4.66	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	1.11	1.93	4.97	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	1.26	2.06	5.38	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	1.12	1.91	4.94	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	1.34	1.83	5.01	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	0.979	1.7	4.39	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	1.21	2.05	5.31	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	1.03	1.76	4.55	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	0.929	1.61	4.15	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	0.994	1.7	4.4	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	0.979	1.71	4.4	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	1.26	2.21	5.68	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	1.36	2.3	5.95	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	1.13	1.86	4.85	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	0.98	1.66	4.31	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	0.968	1.67	4.31	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	1.28	2.2	5.68	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	1.42	2.6	6.62	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	1.5	2.8	7.11	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	1.35	2.53	6.41	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	1.13	1.96	5.06	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	1.28	2.08	5.45	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	1.36	2.33	6.02	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	1.31	2.44	6.19	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	1.17	2.07	5.31	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	1.26	2.35	5.95	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	1.28	2.39	6.06	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.35	2.53	6.42	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	1.2	2.25	5.71	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.662	1.3	3.26	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	1.36	2.4	6.16	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	1.22	2.25	5.72	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	1.13	2.12	5.36	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	0.767	1.55	3.86	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	1.73	3.11	7.96	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	1.22	2.52	6.26	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	1.17	2.4	5.97	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.3	2.66	6.62	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	1.11	1.87	4.84	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	1	1.84	4.69	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	0.908	1.67	4.25	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	1.54	3.18	7.89	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	1.42	2.81	7.04	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	0.921	1.69	4.29	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUL-15 to 31-JUL-15

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	0.991	1.84	4.67	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	1.32	2.69	6.71	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	1.44	3	7.44	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	1.89	3.75	9.38	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.31	2.69	6.68	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	1.12	1.61	4.33	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	1.2	1.7	4.59	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	1.31	1.88	5.07	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	1.39	2.01	5.41	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	1.35	1.93	5.21	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	1.22	1.78	4.78	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	1.5	2.17	5.83	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	0.856	1.22	3.29	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	0.594	0.92	2.43	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	1.29	1.87	5.03	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	1.17	1.68	4.54	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	1.15	1.65	4.46	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	1.27	1.82	4.91	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	1.17	1.7	4.57	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	0.779	1.18	3.13	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	0.651	0.998	2.65	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	1.07	1.56	4.19	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	1.15	1.65	4.46	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	0.767	1.17	3.11	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	0.612	0.937	2.49	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	0.577	0.895	2.37	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	1.01	1.42	3.85	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	0.695	1.06	2.82	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	0.563	0.855	2.27	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	1.22	2	5.21	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	0.868	1.27	3.41	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	0.759	1.31	3.39	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	1.02	1.47	3.97	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	0.857	1.31	3.47	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	1.47	3.48	8.43	
2,3,3',4',5',6-Hexachlorobiphenyl (164)	pg/L	0.902	1.3	3.5	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	1.03	1.47	3.98	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	0.836	1.45	3.73	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	1.04	1.76	4.56	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	0.863	1.16	3.18	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	0.867	1.1	3.06	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	0.861	1.18	3.22	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	0.779	1.05	2.88	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	0.718	1.02	2.75	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	0.538	0.759	2.06	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	0.831	1.12	3.08	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-JUL-15 to 31-JUL-15

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	0.738	1.03	2.8	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	0.561	0.735	2.03	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	0.802	1.06	2.92	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	0.829	1.1	3.03	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	0.709	0.996	2.7	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	0.848	1.03	2.9	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	0.525	0.772	2.07	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	0.59	0.824	2.24	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	0.722	1.03	2.78	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	0.582	0.833	2.25	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	1.21	2.51	6.24	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	0.679	0.917	2.51	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	0.678	0.982	2.64	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	0.734	1	2.74	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	0.764	1.14	3.04	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	0.815	1.22	3.25	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	0.732	1.13	3	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	0.594	0.779	2.15	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	0.782	1.06	2.91	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	0.5	0.705	1.91	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	0.587	0.878	2.34	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	0.746	1.16	3.06	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	0.524	0.769	2.06	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	0.699	1.07	2.84	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	1.08	1.31	3.71	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	0.772	0.926	2.62	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	0.86	1.05	2.95	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	0.933	1.48	3.89	

* = *PQL adjusted to the MBCV.*

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1650**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7927001**	**Date Collected:**	**07/07/2015 03:51**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/14/2015 13:34**		
Client ID:	**WT_IPC-15-102019**			**Prep Basis:**	**As Received**
Batch ID:	**29650**	**Method:**	**EPA Method 1668A**		
Run Date:	**07/31/2015 04:26**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d30jul15a_2-5**			**Dilution:**	**1**
Prep Batch:	**29647**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**27-JUL-15**	**Prep Aliquot:**	**939.6 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
2051-60-7	PCB-1	U	21.3	21.3	pg/L	21.3
2051-61-8	PCB-2	U	21.3	21.3	pg/L	21.3
2051-62-9	PCB-3	U	21.3	21.3	pg/L	21.3
13029-08-8	PCB-4	U	21.3	21.3	pg/L	21.3
16605-91-7	PCB-5	U	21.3	21.3	pg/L	21.3
25569-80-6	PCB-6	U	21.3	21.3	pg/L	21.3
33284-50-3	PCB-7	U	21.3	21.3	pg/L	21.3
34883-43-7	PCB-8	U	21.3	21.3	pg/L	21.3
34883-39-1	PCB-9	U	21.3	21.3	pg/L	21.3
33146-45-1	PCB-10	U	21.3	21.3	pg/L	21.3
2050-67-1	PCB-11		112	106	pg/L	106
PCB-12/13	PCB-13/12	CU	42.6	42.6	pg/L	42.6
34883-41-5	PCB-14	U	21.3	21.3	pg/L	21.3
2050-68-2	PCB-15	U	21.3	21.3	pg/L	21.3
38444-78-9	PCB-16	U	21.3	21.3	pg/L	21.3
37680-66-3	PCB-17	U	21.3	21.3	pg/L	21.3
PCB-18/30	PCB-18/30	CU	42.6	42.6	pg/L	42.6
38444-73-4	PCB-19	U	21.3	21.3	pg/L	21.3
PCB-20/28	PCB-20/28	CU	42.6	42.6	pg/L	42.6
PCB-21/33	PCB-21/33	CU	42.6	42.6	pg/L	42.6
38444-85-8	PCB-22	U	21.3	21.3	pg/L	21.3
55720-44-0	PCB-23	U	21.3	21.3	pg/L	21.3
55702-45-9	PCB-24	U	21.3	21.3	pg/L	21.3
55712-37-3	PCB-25	U	21.3	21.3	pg/L	21.3
PCB-26/29	PCB-26/29	CU	42.6	42.6	pg/L	42.6
38444-76-7	PCB-27	U	21.3	21.3	pg/L	21.3
16606-02-3	PCB-31	U	21.9	21.9	pg/L	21.9
38444-77-8	PCB-32	U	21.3	21.3	pg/L	21.3
37680-68-5	PCB-34	U	21.3	21.3	pg/L	21.3
37680-69-6	PCB-35	U	21.3	21.3	pg/L	21.3
38444-87-0	PCB-36	U	21.3	21.3	pg/L	21.3
38444-90-5	PCB-37	U	21.3	21.3	pg/L	21.3

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1650**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7927001**	**Date Collected:**	**07/07/2015 03:51**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/14/2015 13:34**		
Client ID:	**WT_IPC-15-102019**			**Prep Basis:**	**As Received**
Batch ID:	**29650**	**Method:**	**EPA Method 1668A**		
Run Date:	**07/31/2015 04:26**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d30jul15a_2-5**			**Dilution:**	**1**
Prep Batch:	**29647**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**27-JUL-15**	**Prep Aliquot:**	**939.6 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
53555-66-1	PCB-38	U	21.3	21.3	pg/L	21.3
38444-88-1	PCB-39	U	21.3	21.3	pg/L	21.3
PCB-40/71	PCB-40/71	CU	42.6	42.6	pg/L	42.6
52663-59-9	PCB-41	U	21.3	21.3	pg/L	21.3
36559-22-5	PCB-42	U	21.3	21.3	pg/L	21.3
70362-46-8	PCB-43	U	21.3	21.3	pg/L	21.3
PCB-44/47/65	PCB-44/65/47	CU	63.9	63.9	pg/L	63.9
PCB-45/51	PCB-45/51	CU	42.6	42.6	pg/L	42.6
41464-47-5	PCB-46	U	21.3	21.3	pg/L	21.3
70362-47-9	PCB-48	U	21.3	21.3	pg/L	21.3
PCB-49/69	PCB-69/49	CU	42.6	42.6	pg/L	42.6
PCB-50/53	PCB-50/53	CU	42.6	42.6	pg/L	42.6
35693-99-3	PCB-52		36.6	29.8	pg/L	21.3
15968-05-5	PCB-54	U	21.3	21.3	pg/L	21.3
74338-24-2	PCB-55	U	21.3	21.3	pg/L	21.3
41464-43-1	PCB-56	U	21.3	21.3	pg/L	21.3
70424-67-8	PCB-57	U	21.3	21.3	pg/L	21.3
41464-49-7	PCB-58	U	21.3	21.3	pg/L	21.3
PCB-59/62/75	PCB-59/62/75	CU	63.9	63.9	pg/L	63.9
33025-41-1	PCB-60	U	21.3	21.3	pg/L	21.3
PCB-61-76	PCB-61/76/70/74	CU	85.1	85.1	pg/L	85.1
74472-34-7	PCB-63	U	21.3	21.3	pg/L	21.3
52663-58-8	PCB-64	U	21.3	21.3	pg/L	21.3
32598-10-0	PCB-66	U	25.6	21.3	pg/L	21.3
73575-53-8	PCB-67	U	21.3	21.3	pg/L	21.3
73575-52-7	PCB-68	U	21.3	21.3	pg/L	21.3
41464-42-0	PCB-72	U	21.3	21.3	pg/L	21.3
74338-23-1	PCB-73	U	21.3	21.3	pg/L	21.3
32598-13-3	PCB-77	U	21.3	21.3	pg/L	21.3
70362-49-1	PCB-78	U	21.3	21.3	pg/L	21.3
41464-48-6	PCB-79	U	21.3	21.3	pg/L	21.3
33284-52-5	PCB-80	U	21.3	21.3	pg/L	21.3

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1650**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7927001**	**Date Collected:**	**07/07/2015 03:51**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/14/2015 13:34**		
Client ID:	**WT_IPC-15-102019**			**Prep Basis:**	**As Received**
Batch ID:	**29650**	**Method:**	**EPA Method 1668A**		
Run Date:	**07/31/2015 04:26**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d30jul15a_2-5**			**Dilution:**	**1**
Prep Batch:	**29647**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**27-JUL-15**	**Prep Aliquot:**	**939.6 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
70362-50-4	PCB-81	U	21.3	21.3	pg/L	21.3
52663-62-4	PCB-82	U	21.5	21.3	pg/L	21.3
60145-20-2	PCB-83	U	21.3	21.3	pg/L	21.3
52663-60-2	PCB-84		31.3	24.9	pg/L	21.3
PCB-85-117	PCB-117/116/85	CU	63.9	63.9	pg/L	63.9
PCB-86-125	PCB-86/87/97/109/119/125	C	136	130	pg/L	128
PCB-88/91	PCB-88/91	CU	42.6	42.6	pg/L	42.6
73575-57-2	PCB-89	U	21.3	21.3	pg/L	21.3
PCB-90-113	PCB-113/90/101	C	192	187	pg/L	63.9
52663-61-3	PCB-92		33.9	28	pg/L	21.3
PCB-93/100	PCB-93/100	CU	42.6	42.6	pg/L	42.6
73575-55-0	PCB-94	U	21.3	21.3	pg/L	21.3
38379-99-6	PCB-95		69.5	63.8	pg/L	21.3
73575-54-9	PCB-96	U	21.3	21.3	pg/L	21.3
PCB-98/102	PCB-102/98	CU	42.6	42.6	pg/L	42.6
38380-01-7	PCB-99		72.2	66.5	pg/L	21.3
60145-21-3	PCB-103	U	21.3	21.3	pg/L	21.3
56558-16-8	PCB-104	U	21.3	21.3	pg/L	21.3
32598-14-4	PCB-105		131	123	pg/L	21.3
70424-69-0	PCB-106	U	21.3	21.3	pg/L	21.3
70424-68-9	PCB-107	U	21.3	21.3	pg/L	21.3
PCB-108/124	PCB-108/124	CU	42.6	42.6	pg/L	42.6
PCB-110/115	PCB-110/115	C	259	254	pg/L	42.6
39635-32-0	PCB-111	U	21.3	21.3	pg/L	21.3
74472-36-9	PCB-112	U	21.3	21.3	pg/L	21.3
74472-37-0	PCB-114	U	21.3	21.3	pg/L	21.3
31508-00-6	PCB-118		262	255	pg/L	21.3
68194-12-7	PCB-120	U	21.3	21.3	pg/L	21.3
56558-18-0	PCB-121	U	21.3	21.3	pg/L	21.3
76842-07-4	PCB-122	U	21.3	21.3	pg/L	21.3
65510-44-3	PCB-123	U	21.3	21.3	pg/L	21.3
57465-28-8	PCB-126	U	21.3	21.3	pg/L	21.3

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1650**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7927001**	**Date Collected:**	**07/07/2015 03:51**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/14/2015 13:34**		
Client ID:	**WT_IPC-15-102019**			**Prep Basis:**	**As Received**
Batch ID:	**29650**	**Method:**	**EPA Method 1668A**		
Run Date:	**07/31/2015 04:26**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d30jul15a_2-5**			**Dilution:**	**1**
Prep Batch:	**29647**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**27-JUL-15**	**Prep Aliquot:**	**939.6 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
39635-33-1	PCB-127	U	21.3	21.3	pg/L	21.3
PCB-128/166	PCB-128/166	C	95.2	90.9	pg/L	42.6
PCB-129-163	PCB-138/163/129	C	555	551	pg/L	63.9
52663-66-8	PCB-130		32.0	26.9	pg/L	21.3
61798-70-7	PCB-131	U	21.3	21.3	pg/L	21.3
38380-05-1	PCB-132		145	140	pg/L	21.3
35694-04-3	PCB-133	U	21.3	21.3	pg/L	21.3
52704-70-8	PCB-134	U	21.3	21.3	pg/L	21.3
PCB-135/151	PCB-151/135	C	95.4	92.2	pg/L	42.6
38411-22-2	PCB-136		27.7	25.3	pg/L	21.3
35694-06-5	PCB-137	U	23.2	21.3	pg/L	21.3
PCB-139/140	PCB-139/140	CU	42.6	42.6	pg/L	42.6
52712-04-6	PCB-141		84.1	79.7	pg/L	21.3
41411-61-4	PCB-142	U	21.3	21.3	pg/L	21.3
68194-15-0	PCB-143	U	21.3	21.3	pg/L	21.3
68194-14-9	PCB-144	U	21.3	21.3	pg/L	21.3
74472-40-5	PCB-145	U	21.3	21.3	pg/L	21.3
51908-16-8	PCB-146		59.4	55.2	pg/L	21.3
PCB-147/149	PCB-147/149	C	276	272	pg/L	42.6
74472-41-6	PCB-148	U	21.3	21.3	pg/L	21.3
68194-08-1	PCB-150	U	21.3	21.3	pg/L	21.3
68194-09-2	PCB-152	U	21.3	21.3	pg/L	21.3
PCB-153/168	PCB-153/168	C	377	373	pg/L	42.6
60145-22-4	PCB-154	U	21.3	21.3	pg/L	21.3
33979-03-2	PCB-155	U	21.3	21.3	pg/L	21.3
PCB-156/157	PCB-156/157	C	78.0	72.8	pg/L	42.6
74472-42-7	PCB-158		49.6	46.2	pg/L	21.3
39635-35-3	PCB-159	U	21.3	21.3	pg/L	21.3
41411-62-5	PCB-160	U	21.3	21.3	pg/L	21.3
74472-43-8	PCB-161	U	21.3	21.3	pg/L	21.3
39635-34-2	PCB-162	U	21.3	21.3	pg/L	21.3
74472-45-0	PCB-164		40.0	36.5	pg/L	21.3

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1650**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7927001**	**Date Collected:**	**07/07/2015 03:51**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/14/2015 13:34**		
Client ID:	**WT_IPC-15-102019**			**Prep Basis:**	**As Received**
Batch ID:	**29650**	**Method:**	**EPA Method 1668A**		
Run Date:	**07/31/2015 04:26**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d30jul15a_2-5**			**Dilution:**	**1**
Prep Batch:	**29647**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**27-JUL-15**	**Prep Aliquot:**	**939.6 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-46-1	PCB-165	U	21.3	21.3	pg/L	21.3
52663-72-6	PCB-167		28.0	24.3	pg/L	21.3
32774-16-6	PCB-169	U	21.3	21.3	pg/L	21.3
35065-30-6	PCB-170		148	145	pg/L	21.3
PCB-171/173	PCB-173/171	CU	42.6	42.6	pg/L	42.6
52663-74-8	PCB-172		25.7	22.5	pg/L	21.3
38411-25-5	PCB-174		124	121	pg/L	21.3
40186-70-7	PCB-175	U	21.3	21.3	pg/L	21.3
52663-65-7	PCB-176	U	21.3	21.3	pg/L	21.3
52663-70-4	PCB-177		79.5	76.4	pg/L	21.3
52663-67-9	PCB-178		25.6	22.8	pg/L	21.3
52663-64-6	PCB-179		31.1	29	pg/L	21.3
PCB-180/193	PCB-193/180	C	273	270	pg/L	42.6
74472-47-2	PCB-181	U	21.3	21.3	pg/L	21.3
60145-23-5	PCB-182	U	21.3	21.3	pg/L	21.3
PCB-183/185	PCB-183/185	C	70.1	67.2	pg/L	42.6
74472-48-3	PCB-184	U	21.3	21.3	pg/L	21.3
74472-49-4	PCB-186	U	21.3	21.3	pg/L	21.3
52663-68-0	PCB-187		143	140	pg/L	21.3
74487-85-7	PCB-188	U	21.3	21.3	pg/L	21.3
39635-31-9	PCB-189	U	21.3	21.3	pg/L	21.3
41411-64-7	PCB-190		30.2	27.7	pg/L	21.3
74472-50-7	PCB-191	U	21.3	21.3	pg/L	21.3
74472-51-8	PCB-192	U	21.3	21.3	pg/L	21.3
35694-08-7	PCB-194		54.0	51	pg/L	21.3
52663-78-2	PCB-195	U	22.9	21.3	pg/L	21.3
42740-50-1	PCB-196	U	24.1	21.3	pg/L	21.3
PCB-197/200	PCB-197/200	CU	42.6	42.6	pg/L	42.6
PCB-198/199	PCB-198/199	C	70.4	67.5	pg/L	42.6
40186-71-8	PCB-201	U	21.3	21.3	pg/L	21.3
2136-99-4	PCB-202	U	21.3	21.3	pg/L	21.3
52663-76-0	PCB-203		38.0	34.9	pg/L	21.3

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1650**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7927001**	**Date Collected:**	**07/07/2015 03:51**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/14/2015 13:34**		
Client ID:	**WT_IPC-15-102019**			**Prep Basis:**	**As Received**
Batch ID:	**29650**	**Method:**	**EPA Method 1668A**		
Run Date:	**07/31/2015 04:26**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d30jul15a_2-5**			**Dilution:**	**1**
Prep Batch:	**29647**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**27-JUL-15**	**Prep Aliquot:**	**939.6 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-52-9	PCB-204	U	21.3	21.3	pg/L	21.3
74472-53-0	PCB-205	U	21.3	21.3	pg/L	21.3
40186-72-9	PCB-206		46.2	42.5	pg/L	21.3
52663-79-3	PCB-207	U	21.3	21.3	pg/L	21.3
52663-77-1	PCB-208	U	21.3	21.3	pg/L	21.3
2051-24-3	PCB-209	U	21.3	21.3	pg/L	21.3
27323-18-8	Total Mono PCBs	U	0	0	pg/L	
25512-42-9	Total Di PCBs		112	106	pg/L	
25323-68-6	Total Tri PCBs	U	0	0	pg/L	
26914-33-0	Total Tetra PCBs		62.2	29.8	pg/L	
25429-29-2	Total Penta PCBs		1210	1130	pg/L	
26601-64-9	Total Hexa PCBs		1970	1890	pg/L	
28655-71-2	Total Hepta PCBs		951	922	pg/L	
55722-26-4	Total Octa PCBs		209	153	pg/L	
53742-07-7	Total Nona PCBs		46.2	42.5	pg/L	
DECACB(Tot)	Total Deca PCB	U	0	0	pg/L	
1336-36-3	Total PCB Congeners		4560	4270	pg/L	

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		524	2130	pg/L	24.6	(15%-150%)
13C-3-MoCB		614	2130	pg/L	28.9	(15%-150%)
13C-4-DiCB		654	2130	pg/L	30.7	(25%-150%)
13C-15-DiCB		982	2130	pg/L	46.1	(25%-150%)
13C-19-TrCB		866	2130	pg/L	40.7	(25%-150%)
13C-37-TrCB		1150	2130	pg/L	54.3	(25%-150%)
13C-54-TeCB		1070	2130	pg/L	50.4	(25%-150%)
13C-77-TeCB		1200	2130	pg/L	56.5	(25%-150%)
13C-81-TeCB		1240	2130	pg/L	58.1	(25%-150%)
13C-104-PeCB		1160	2130	pg/L	54.7	(25%-150%)
13C-105-PeCB		1260	2130	pg/L	59.1	(25%-150%)
13C-114-PeCB		1250	2130	pg/L	58.9	(25%-150%)
13C-118-PeCB		1280	2130	pg/L	60.3	(25%-150%)
13C-123-PeCB		1310	2130	pg/L	61.4	(25%-150%)
13C-126-PeCB		1250	2130	pg/L	58.9	(25%-150%)
13C-155-HxCB		1420	2130	pg/L	66.6	(25%-150%)
13C-156-HxCB	C	2800	4260	pg/L	65.8	(25%-150%)
13C-167-HxCB		1390	2130	pg/L	65.1	(25%-150%)
13C-169-HxCB		1420	2130	pg/L	66.6	(25%-150%)
13C-188-HpCB		1320	2130	pg/L	62.1	(25%-150%)
13C-189-HpCB		1430	2130	pg/L	67.1	(25%-150%)
13C-202-OcCB		1310	2130	pg/L	61.5	(25%-150%)
13C-205-OcCB		1570	2130	pg/L	73.9	(25%-150%)

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1650**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**7927001**	**Date Collected:**	**07/07/2015 03:51**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/14/2015 13:34**		
Client ID:	**WT_IPC-15-102019**			**Prep Basis:**	**As Received**
Batch ID:	**29650**	**Method:**	**EPA Method 1668A**		
Run Date:	**07/31/2015 04:26**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d30jul15a_2-5**			**Dilution:**	**1**
Prep Batch:	**29647**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**27-JUL-15**	**Prep Aliquot:**	**939.6 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-206-NoCB		1610	2130	pg/L	75.5	(25%-150%)
13C-208-NoCB		1390	2130	pg/L	65.3	(25%-150%)
13C-209-DeCB		1630	2130	pg/L	76.3	(25%-150%)
13C-28-TrCB		1200	2130	pg/L	56.5	(30%-135%)
13C-111-PeCB		1320	2130	pg/L	61.8	(30%-135%)
13C-178-HpCB		1380	2130	pg/L	64.9	(30%-135%)

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-15 to 31-AUG-15

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	2.1	1.66	5.42	
3-Chlorobiphenyl (2)	pg/L	1.77	1.4	4.57	
4-Chlorobiphenyl (3)	pg/L	1.78	1.41	4.6	
2,2'-Dichlorobiphenyl (4)	pg/L	6.41	6.25	18.9	
2,3-Dichlorobiphenyl (5)	pg/L	4.25	3.86	12	
2,3'-Dichlorobiphenyl (6)	pg/L	3.14	2.77	8.68	
2,4-Dichlorobiphenyl (7)	pg/L	3.41	3.08	9.58	
2,4'-Dichlorobiphenyl (8)	pg/L	2.91	2.59	8.1	
2,5-Dichlorobiphenyl (9)	pg/L	3.55	3.3	10.1	
2,6-Dichlorobiphenyl (10)	pg/L	3.6	3.88	11.4	
3,3'-Dichlorobiphenyl (11)	pg/L	5.53	5.83	17.2	
3,4-Dichlorobiphenyl (12)	pg/L	4.45	3.26	11	
3,5-Dichlorobiphenyl (14)	pg/L	3.58	3.05	9.69	
4,4'-Dichlorobiphenyl (15)	pg/L	4.48	4.21	12.9	
2,2',3-Trichlorobiphenyl (16)	pg/L	2.18	1.94	6.05	
2,2',4-Trichlorobiphenyl (17)	pg/L	2.17	2	6.17	
2,2',5-Trichlorobiphenyl (18)	pg/L	1.82	1.69	5.19	
2,2',6-Trichlorobiphenyl (19)	pg/L	2.23	1.85	5.92	
2,3,3'-Trichlorobiphenyl (20)	pg/L	1.7	1.43	4.56	
2,3,4-Trichlorobiphenyl (21)	pg/L	1.71	1.33	4.37	
2,3,4'-Trichlorobiphenyl (22)	pg/L	1.94	1.6	5.14	
2,3,5-Trichlorobiphenyl (23)	pg/L	1.63	1.45	4.52	
2,3,6-Trichlorobiphenyl (24)	pg/L	1.69	1.63	4.96	
2,3',4-Trichlorobiphenyl (25)	pg/L	1.48	1.28	4.05	
2,3',5-Trichlorobiphenyl (26)	pg/L	1.71	1.33	4.38	
2,3',6-Trichlorobiphenyl (27)	pg/L	1.59	1.46	4.52	
2,4',5-Trichlorobiphenyl (31)	pg/L	1.49	1.26	4.01	
2,4',6-Trichlorobiphenyl (32)	pg/L	1.46	1.32	4.11	
2',3,5-Trichlorobiphenyl (34)	pg/L	1.67	1.51	4.68	
3,3',4-Trichlorobiphenyl (35)	pg/L	2.14	1.95	6.04	
3,3',5-Trichlorobiphenyl (36)	pg/L	1.87	1.79	5.46	
3,4,4'-Trichlorobiphenyl (37)	pg/L	2.58	2.62	7.82	
3,4,5-Trichlorobiphenyl (38)	pg/L	1.97	1.89	5.74	
3,4',5-Trichlorobiphenyl (39)	pg/L	1.93	1.75	5.43	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	2.31	1.88	6.06	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	2.98	2.61	8.21	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	2.45	2.17	6.79	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	2.75	2.61	7.97	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	2.44	1.82	6.08	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	2.01	1.76	5.53	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	1.8	1.87	5.53	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	2.45	2.02	6.5	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	2.21	1.7	5.62	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	1.78	1.66	5.1	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	2.28	1.89	6.07	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	1.31	1.34	4	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-15 to 31-AUG-15

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	1.92	1.61	5.14	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	2.12	1.76	5.65	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	1.79	1.51	4.81	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	1.91	1.58	5.07	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	2.04	1.46	4.97	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	2.04	1.67	5.39	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	2.3	1.59	5.48	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	1.71	1.45	4.61	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	1.88	1.56	5	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	1.82	1.5	4.81	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	1.64	1.41	4.46	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	1.73	1.42	4.56	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	1.65	1.38	4.42	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	1.88	1.57	5.03	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	2.56	2.05	6.67	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	2.14	1.7	5.55	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	1.86	1.46	4.79	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	1.76	1.42	4.61	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	2.36	2.05	6.47	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	2.08	1.4	4.88	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	2.19	1.54	5.27	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	1.97	1.41	4.79	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	1.85	1.14	4.13	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	2	1.21	4.42	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	2.29	1.37	5.03	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	1.92	1.37	4.66	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	1.82	1.14	4.11	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	1.86	1.32	4.5	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	1.84	1.32	4.48	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.94	1.41	4.75	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	1.75	1.25	4.25	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.987	0.955	2.9	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	2.19	1.35	4.9	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	1.72	1.21	4.15	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	1.63	1.17	3.97	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	1.09	1.03	3.16	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	2.22	1.53	5.28	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	1.62	1.11	3.83	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	1.64	1.11	3.85	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.82	1.18	4.18	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	1.9	1.12	4.14	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	1.51	1.05	3.61	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	1.35	1.03	3.4	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	2.09	1.41	4.91	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	2.19	1.42	5.04	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	1.4	0.991	3.38	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-15 to 31-AUG-15

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	1.47	1.04	3.54	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	1.86	1.2	4.26	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	1.84	1.34	4.53	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	3.01	2.1	7.21	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.9	1.2	4.3	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	1.97	1.22	4.41	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	2.14	1.36	4.86	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	2.38	1.58	5.55	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	2.49	1.66	5.81	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	2.41	1.58	5.57	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	2.19	1.45	5.09	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	2.7	1.9	6.5	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	1.55	1.06	3.68	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	1.02	0.816	2.65	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	2.28	1.52	5.32	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	2.1	1.36	4.82	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	2.03	1.39	4.8	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	2.29	1.57	5.42	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	2.07	1.42	4.9	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	1.34	1.04	3.42	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	1.1	0.876	2.86	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	1.81	1.2	4.21	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	2.1	1.41	4.93	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	1.31	0.973	3.25	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	1.06	0.838	2.73	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	0.969	0.807	2.58	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	1.82	1.18	4.19	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	1.16	0.947	3.05	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	0.91	0.709	2.33	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	1.96	1.53	5.02	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	1.51	1.03	3.57	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	1.3	0.937	3.17	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	1.75	1.31	4.37	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	1.47	1.01	3.5	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	1.34	0.98	3.3	
2,3,3',4',5',6-Hexachlorobiphenyl (164)	pg/L	1.61	1.11	3.82	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	1.88	1.27	4.41	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	1.43	1.06	3.55	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	1.9	1.27	4.45	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	1.75	1.4	4.55	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	1.92	1.44	4.81	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	1.77	1.4	4.58	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	1.65	1.39	4.42	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	1.39	1.25	3.89	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	1.07	0.964	3	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	1.74	1.4	4.55	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-AUG-15 to 31-AUG-15

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	1.44	1.29	4.03	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	1.06	0.961	2.98	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	1.65	1.22	4.08	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	1.76	1.4	4.56	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	1.37	1.21	3.79	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	1.94	1.37	4.67	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	1.02	0.925	2.87	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	1.16	1.05	3.26	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	1.3	1.19	3.67	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	1.14	1.01	3.16	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	1.53	1.36	4.25	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	1.39	1.04	3.48	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	1.34	1.05	3.44	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	1.52	1.22	3.97	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	1.29	0.994	3.28	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	1.35	1.11	3.58	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	1.28	0.915	3.11	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	1.22	0.807	2.83	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	1.52	1.01	3.55	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	0.974	0.729	2.43	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	1.11	0.863	2.84	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	1.29	0.926	3.14	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	0.983	0.729	2.44	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	1.1	0.927	2.96	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	1.33	0.978	3.28	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	1.04	0.74	2.52	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	1.15	0.855	2.86	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	1.2	0.826	2.85	

* = *PQL adjusted to the MBCV.*

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1897**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8007001**	**Date Collected:**	**07/20/2015 18:25**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/29/2015 09:40**		
Client ID:	**WT_IPC-15-102034**			**Prep Basis:**	**As Received**
Batch ID:	**29794**	**Method:**	**EPA Method 1668A**		
Run Date:	**08/16/2015 07:19**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c14aug15a_4-8**			**Dilution:**	**1**
Prep Batch:	**29790**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**10-AUG-15**	**Prep Aliquot:**	**945.4 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
2051-60-7	PCB-1	B	195	190	pg/L	21.2
2051-61-8	PCB-2	U	21.2	21.2	pg/L	21.2
2051-62-9	PCB-3	B	68.6	64.1	pg/L	21.2
13029-08-8	PCB-4	B	164	145	pg/L	21.2
16605-91-7	PCB-5	U	21.2	21.2	pg/L	21.2
25569-80-6	PCB-6	B	76.8	68.1	pg/L	21.2
33284-50-3	PCB-7	BU	22.4	21.2	pg/L	21.2
34883-43-7	PCB-8	B	302	294	pg/L	21.2
34883-39-1	PCB-9	BU	24.8	21.2	pg/L	21.2
33146-45-1	PCB-10	U	21.2	21.2	pg/L	21.2
2050-67-1	PCB-11	U	106	106	pg/L	106
PCB-12/13	PCB-13/12	CU	42.3	42.3	pg/L	42.3
34883-41-5	PCB-14	U	21.2	21.2	pg/L	21.2
2050-68-2	PCB-15	B	119	106	pg/L	21.2
38444-78-9	PCB-16	B	106	99.7	pg/L	21.2
37680-66-3	PCB-17	B	101	94.8	pg/L	21.2
PCB-18/30	PCB-18/30	BC	218	213	pg/L	42.3
38444-73-4	PCB-19	B	37.6	31.6	pg/L	21.2
PCB-20/28	PCB-20/28	BC	266	261	pg/L	42.3
PCB-21/33	PCB-21/33	BC	195	190	pg/L	42.3
38444-85-8	PCB-22	B	109	103	pg/L	21.2
55720-44-0	PCB-23	U	21.2	21.2	pg/L	21.2
55702-45-9	PCB-24	U	21.2	21.2	pg/L	21.2
55712-37-3	PCB-25	U	21.2	21.2	pg/L	21.2
PCB-26/29	PCB-26/29	BCU	43.9	42.3	pg/L	42.3
38444-76-7	PCB-27	U	21.2	21.2	pg/L	21.2
16606-02-3	PCB-31	B	205	201	pg/L	21.2
38444-77-8	PCB-32	B	61.1	57	pg/L	21.2
37680-68-5	PCB-34	U	21.2	21.2	pg/L	21.2
37680-69-6	PCB-35	U	21.2	21.2	pg/L	21.2
38444-87-0	PCB-36	U	21.2	21.2	pg/L	21.2
38444-90-5	PCB-37	B	80.6	72.7	pg/L	21.2

Comments:

B The target analyte was detected in the associated blank.

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1897**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8007001**	**Date Collected:**	**07/20/2015 18:25**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/29/2015 09:40**		
Client ID:	**WT_IPC-15-102034**			**Prep Basis:**	**As Received**
Batch ID:	**29794**	**Method:**	**EPA Method 1668A**		
Run Date:	**08/16/2015 07:19**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c14aug15a_4-8**			**Dilution:**	**1**
Prep Batch:	**29790**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**10-AUG-15**	**Prep Aliquot:**	**945.4 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
53555-66-1	PCB-38	U	21.2	21.2	pg/L	21.2
38444-88-1	PCB-39	U	21.2	21.2	pg/L	21.2
PCB-40/71	PCB-40/71	BC	92.0	85.9	pg/L	42.3
52663-59-9	PCB-41	BU	23.5	21.2	pg/L	21.2
36559-22-5	PCB-42	B	41.8	35.1	pg/L	21.2
70362-46-8	PCB-43	U	21.2	21.2	pg/L	21.2
PCB-44/47/65	PCB-44/65/47	BC	223	217	pg/L	63.5
PCB-45/51	PCB-45/51	BCU	44.9	42.3	pg/L	42.3
41464-47-5	PCB-46	U	21.2	21.2	pg/L	21.2
70362-47-9	PCB-48	B	44.6	38.1	pg/L	21.2
PCB-49/69	PCB-69/49	BC	145	140	pg/L	42.3
PCB-50/53	PCB-50/53	CU	42.3	42.3	pg/L	42.3
35693-99-3	PCB-52	B	463	457	pg/L	21.2
15968-05-5	PCB-54	U	21.2	21.2	pg/L	21.2
74338-24-2	PCB-55	U	21.2	21.2	pg/L	21.2
41464-43-1	PCB-56	B	129	123	pg/L	21.2
70424-67-8	PCB-57	U	21.2	21.2	pg/L	21.2
41464-49-7	PCB-58	U	21.2	21.2	pg/L	21.2
PCB-59/62/75	PCB-59/62/75	CU	63.5	63.5	pg/L	63.5
33025-41-1	PCB-60	B	58.3	53	pg/L	21.2
PCB-61-76	PCB-61/76/70/74	BC	531	526	pg/L	84.6
74472-34-7	PCB-63	U	21.2	21.2	pg/L	21.2
52663-58-8	PCB-64	B	83.0	78	pg/L	21.2
32598-10-0	PCB-66	B	198	193	pg/L	21.2
73575-53-8	PCB-67	U	21.2	21.2	pg/L	21.2
73575-52-7	PCB-68	U	21.2	21.2	pg/L	21.2
41464-42-0	PCB-72	U	21.2	21.2	pg/L	21.2
74338-23-1	PCB-73	U	21.2	21.2	pg/L	21.2
32598-13-3	PCB-77	B	100	93.7	pg/L	21.2
70362-49-1	PCB-78	U	21.2	21.2	pg/L	21.2
41464-48-6	PCB-79	U	21.2	21.2	pg/L	21.2
33284-52-5	PCB-80	U	21.2	21.2	pg/L	21.2

Comments:

B The target analyte was detected in the associated blank.

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1897**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8007001**	**Date Collected:**	**07/20/2015 18:25**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/29/2015 09:40**		
Client ID:	**WT_IPC-15-102034**			**Prep Basis:**	**As Received**
Batch ID:	**29794**	**Method:**	**EPA Method 1668A**		
Run Date:	**08/16/2015 07:19**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c14aug15a_4-8**			**Dilution:**	**1**
Prep Batch:	**29790**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**10-AUG-15**	**Prep Aliquot:**	**945.4 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
70362-50-4	PCB-81	U	21.2	21.2	pg/L	21.2
52663-62-4	PCB-82		285	281	pg/L	21.2
60145-20-2	PCB-83		64.1	58.8	pg/L	21.2
52663-60-2	PCB-84		401	396	pg/L	21.2
PCB-85-117	PCB-117/116/85	C	375	370	pg/L	63.5
PCB-86-125	PCB-86/87/97/109/119/125	C	1760	1750	pg/L	127
PCB-88/91	PCB-88/91	C	276	271	pg/L	42.3
73575-57-2	PCB-89	U	21.2	21.2	pg/L	21.2
PCB-90-113	PCB-113/90/101	C	2980	2980	pg/L	63.5
52663-61-3	PCB-92		514	509	pg/L	21.2
PCB-93/100	PCB-93/100	CU	42.3	42.3	pg/L	42.3
73575-55-0	PCB-94	U	21.2	21.2	pg/L	21.2
38379-99-6	PCB-95		1780	1770	pg/L	21.2
73575-54-9	PCB-96	U	21.2	21.2	pg/L	21.2
PCB-98/102	PCB-102/98	CU	42.3	42.3	pg/L	42.3
38380-01-7	PCB-99		1240	1230	pg/L	21.2
60145-21-3	PCB-103	U	21.2	21.2	pg/L	21.2
56558-16-8	PCB-104	U	21.2	21.2	pg/L	21.2
32598-14-4	PCB-105		887	881	pg/L	21.2
70424-69-0	PCB-106	U	21.2	21.2	pg/L	21.2
70424-68-9	PCB-107		146	142	pg/L	21.2
PCB-108/124	PCB-108/124	C	138	134	pg/L	42.3
PCB-110/115	PCB-110/115	C	3430	3420	pg/L	42.3
39635-32-0	PCB-111	U	21.2	21.2	pg/L	21.2
74472-36-9	PCB-112	U	21.2	21.2	pg/L	21.2
74472-37-0	PCB-114	BU	24.6	21.2	pg/L	21.2
31508-00-6	PCB-118		1890	1890	pg/L	21.2
68194-12-7	PCB-120	U	21.2	21.2	pg/L	21.2
56558-18-0	PCB-121	U	21.2	21.2	pg/L	21.2
76842-07-4	PCB-122		40.9	36.6	pg/L	21.2
65510-44-3	PCB-123		46.2	41.7	pg/L	21.2
57465-28-8	PCB-126		92.3	85	pg/L	21.2

Comments:

B The target analyte was detected in the associated blank.

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1897**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8007001**	**Date Collected:**	**07/20/2015 18:25**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/29/2015 09:40**		
Client ID:	**WT_IPC-15-102034**			**Prep Basis:**	**As Received**
Batch ID:	**29794**	**Method:**	**EPA Method 1668A**		
Run Date:	**08/16/2015 07:19**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c14aug15a_4-8**			**Dilution:**	**1**
Prep Batch:	**29790**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**10-AUG-15**	**Prep Aliquot:**	**945.4 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
39635-33-1	PCB-127	U	21.2	21.2	pg/L	21.2
PCB-128/166	PCB-128/166	C	909	905	pg/L	42.3
PCB-129-163	PCB-138/163/129	C	7250	7240	pg/L	63.5
52663-66-8	PCB-130		355	349	pg/L	21.2
61798-70-7	PCB-131		73.5	67.7	pg/L	21.2
38380-05-1	PCB-132		2030	2020	pg/L	21.2
35694-04-3	PCB-133		80.0	74.9	pg/L	21.2
52704-70-8	PCB-134		410	404	pg/L	21.2
PCB-135/151	PCB-151/135	C	2070	2060	pg/L	42.3
38411-22-2	PCB-136		601	598	pg/L	21.2
35694-06-5	PCB-137		234	229	pg/L	21.2
PCB-139/140	PCB-139/140	C	87.2	82.4	pg/L	42.3
52712-04-6	PCB-141		1380	1380	pg/L	21.2
41411-61-4	PCB-142	U	21.2	21.2	pg/L	21.2
68194-15-0	PCB-143	U	21.2	21.2	pg/L	21.2
68194-14-9	PCB-144		310	306	pg/L	21.2
74472-40-5	PCB-145	U	21.2	21.2	pg/L	21.2
51908-16-8	PCB-146		816	812	pg/L	21.2
PCB-147/149	PCB-147/149	C	4990	4990	pg/L	42.3
74472-41-6	PCB-148	U	21.2	21.2	pg/L	21.2
68194-08-1	PCB-150	U	21.2	21.2	pg/L	21.2
68194-09-2	PCB-152	U	21.2	21.2	pg/L	21.2
PCB-153/168	PCB-153/168	C	5870	5870	pg/L	42.3
60145-22-4	PCB-154		56.1	53.1	pg/L	21.2
33979-03-2	PCB-155	U	21.2	21.2	pg/L	21.2
PCB-156/157	PCB-156/157	C	656	651	pg/L	42.3
74472-42-7	PCB-158		581	578	pg/L	21.2
39635-35-3	PCB-159	U	21.2	21.2	pg/L	21.2
41411-62-5	PCB-160	U	21.2	21.2	pg/L	21.2
74472-43-8	PCB-161	U	21.2	21.2	pg/L	21.2
39635-34-2	PCB-162		76.8	73.5	pg/L	21.2
74472-45-0	PCB-164		441	437	pg/L	21.2

Comments:

B **The target analyte was detected in the associated blank.**

C **Congener has coeluters. When Cxxx, refer to congener number xxx for data**

U **Analyte was analyzed for , but not detected above the specified detection limit.**

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1897**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8007001**	**Date Collected:**	**07/20/2015 18:25**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/29/2015 09:40**		
Client ID:	**WT_IPC-15-102034**			**Prep Basis:**	**As Received**
Batch ID:	**29794**	**Method:**	**EPA Method 1668A**		
Run Date:	**08/16/2015 07:19**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c14aug15a_4-8**			**Dilution:**	**1**
Prep Batch:	**29790**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**10-AUG-15**	**Prep Aliquot:**	**945.4 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-46-1	PCB-165	U	21.2	21.2	pg/L	21.2
52663-72-6	PCB-167		295	292	pg/L	21.2
32774-16-6	PCB-169	U	21.2	21.2	pg/L	21.2
35065-30-6	PCB-170		2190	2180	pg/L	21.2
PCB-171/173	PCB-173/171	C	671	666	pg/L	42.3
52663-74-8	PCB-172		423	418	pg/L	21.2
38411-25-5	PCB-174		2360	2360	pg/L	21.2
40186-70-7	PCB-175		105	101	pg/L	21.2
52663-65-7	PCB-176		273	270	pg/L	21.2
52663-70-4	PCB-177		1390	1380	pg/L	21.2
52663-67-9	PCB-178		482	478	pg/L	21.2
52663-64-6	PCB-179		893	890	pg/L	21.2
PCB-180/193	PCB-193/180	C	5420	5420	pg/L	42.3
74472-47-2	PCB-181	U	21.2	21.2	pg/L	21.2
60145-23-5	PCB-182	U	21.2	21.2	pg/L	21.2
PCB-183/185	PCB-183/185	C	1640	1630	pg/L	42.3
74472-48-3	PCB-184	U	21.2	21.2	pg/L	21.2
74472-49-4	PCB-186	U	21.2	21.2	pg/L	21.2
52663-68-0	PCB-187		2930	2920	pg/L	21.2
74487-85-7	PCB-188	U	21.2	21.2	pg/L	21.2
39635-31-9	PCB-189		94.2	89.9	pg/L	21.2
41411-64-7	PCB-190		518	514	pg/L	21.2
74472-50-7	PCB-191		96.2	92.8	pg/L	21.2
74472-51-8	PCB-192	U	21.2	21.2	pg/L	21.2
35694-08-7	PCB-194		1080	1080	pg/L	21.2
52663-78-2	PCB-195		452	448	pg/L	21.2
42740-50-1	PCB-196		576	573	pg/L	21.2
PCB-197/200	PCB-197/200	C	181	178	pg/L	42.3
PCB-198/199	PCB-198/199	C	1180	1180	pg/L	42.3
40186-71-8	PCB-201		134	132	pg/L	21.2
2136-99-4	PCB-202		175	172	pg/L	21.2
52663-76-0	PCB-203		736	733	pg/L	21.2

Comments:

B **The target analyte was detected in the associated blank.**

C **Congener has coeluters. When Cxxx, refer to congener number xxx for data**

U **Analyte was analyzed for , but not detected above the specified detection limit.**

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1897**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8007001**	**Date Collected:**	**07/20/2015 18:25**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/29/2015 09:40**		
Client ID:	**WT_IPC-15-102034**			**Prep Basis:**	**As Received**
Batch ID:	**29794**	**Method:**	**EPA Method 1668A**		
Run Date:	**08/16/2015 07:19**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c14aug15a_4-8**			**Dilution:**	**1**
Prep Batch:	**29790**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**10-AUG-15**	**Prep Aliquot:**	**945.4 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-52-9	PCB-204	U	21.2	21.2	pg/L	21.2
74472-53-0	PCB-205		65.0	62	pg/L	21.2
40186-72-9	PCB-206		238	234	pg/L	21.2
52663-79-3	PCB-207		34.0	31.5	pg/L	21.2
52663-77-1	PCB-208		44.0	41.2	pg/L	21.2
2051-24-3	PCB-209	U	21.2	21.2	pg/L	21.2
27323-18-8	Total Mono PCBs	U	0	0	pg/L	
25512-42-9	Total Di PCBs	U	0	0	pg/L	
25323-68-6	Total Tri PCBs	U	0	0	pg/L	
26914-33-0	Total Tetra PCBs	U	0	0	pg/L	
25429-29-2	Total Penta PCBs		16300	16200	pg/L	
26601-64-9	Total Hexa PCBs		29600	29500	pg/L	
28655-71-2	Total Hepta PCBs		19500	19400	pg/L	
55722-26-4	Total Octa PCBs		4580	4560	pg/L	
53742-07-7	Total Nona PCBs		316	307	pg/L	
DECACB(Tot)	Total Deca PCB	U	0	0	pg/L	
1336-36-3	Total PCB Congeners		70200	69900	pg/L	

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		711	2120	pg/L	33.6	(15%-150%)
13C-3-MoCB		921	2120	pg/L	43.5	(15%-150%)
13C-4-DiCB		1320	2120	pg/L	62.6	(25%-150%)
13C-15-DiCB		1500	2120	pg/L	71.0	(25%-150%)
13C-19-TrCB		1720	2120	pg/L	81.4	(25%-150%)
13C-37-TrCB		1200	2120	pg/L	56.8	(25%-150%)
13C-54-TeCB		1450	2120	pg/L	68.7	(25%-150%)
13C-77-TeCB		1440	2120	pg/L	67.9	(25%-150%)
13C-81-TeCB		1500	2120	pg/L	70.8	(25%-150%)
13C-104-PeCB		1600	2120	pg/L	75.4	(25%-150%)
13C-105-PeCB		1370	2120	pg/L	64.6	(25%-150%)
13C-114-PeCB		1390	2120	pg/L	65.6	(25%-150%)
13C-118-PeCB		1330	2120	pg/L	62.7	(25%-150%)
13C-123-PeCB		1440	2120	pg/L	68.2	(25%-150%)
13C-126-PeCB		1400	2120	pg/L	66.2	(25%-150%)
13C-155-HxCB		1610	2120	pg/L	76.2	(25%-150%)
13C-156-HxCB	C	2720	4230	pg/L	64.3	(25%-150%)
13C-167-HxCB		1400	2120	pg/L	66.0	(25%-150%)
13C-169-HxCB		1480	2120	pg/L	69.9	(25%-150%)
13C-188-HpCB		1620	2120	pg/L	76.7	(25%-150%)
13C-189-HpCB		1430	2120	pg/L	67.8	(25%-150%)
13C-202-OcCB		1710	2120	pg/L	80.8	(25%-150%)
13C-205-OcCB		1720	2120	pg/L	81.5	(25%-150%)

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-1897**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8007001**	**Date Collected:**	**07/20/2015 18:25**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**07/29/2015 09:40**		
Client ID:	**WT_IPC-15-102034**			**Prep Basis:**	**As Received**
Batch ID:	**29794**	**Method:**	**EPA Method 1668A**		
Run Date:	**08/16/2015 07:19**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c14aug15a_4-8**			**Dilution:**	**1**
Prep Batch:	**29790**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**10-AUG-15**	**Prep Aliquot:**	**945.4 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-206-NoCB		1990	2120	pg/L	94.0	(25%-150%)
13C-208-NoCB		1780	2120	pg/L	84.3	(25%-150%)
13C-209-DeCB		2310	2120	pg/L	109	(25%-150%)
13C-28-TrCB		1430	2120	pg/L	67.4	(30%-135%)
13C-111-PeCB		1680	2120	pg/L	79.6	(30%-135%)
13C-178-HpCB		1890	2120	pg/L	89.6	(30%-135%)

Comments:

B **The target analyte was detected in the associated blank.**

C **Congener has coeluters. When Cxxx, refer to congener number xxx for data**

U **Analyte was analyzed for , but not detected above the specified detection limit.**

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-2110**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8077001**	**Date Collected:**	**08/02/2015 14:03**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**08/11/2015 11:48**		
Client ID:	**WT_IPC-15-101952**			**Prep Basis:**	**As Received**
Batch ID:	**29919**	**Method:**	**EPA Method 1668A**		
Run Date:	**09/01/2015 16:57**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c01sep15a-3**			**Dilution:**	**1**
Prep Batch:	**29915**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**26-AUG-15**	**Prep Aliquot:**	**879.7 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
2051-60-7	PCB-1	U	22.7	22.7	pg/L	22.7
2051-61-8	PCB-2	U	22.7	22.7	pg/L	22.7
2051-62-9	PCB-3	U	22.7	22.7	pg/L	22.7
13029-08-8	PCB-4	U	22.7	22.7	pg/L	22.7
16605-91-7	PCB-5	U	22.7	22.7	pg/L	22.7
25569-80-6	PCB-6	U	22.7	22.7	pg/L	22.7
33284-50-3	PCB-7	U	22.7	22.7	pg/L	22.7
34883-43-7	PCB-8	U	22.7	22.7	pg/L	22.7
34883-39-1	PCB-9	U	22.7	22.7	pg/L	22.7
33146-45-1	PCB-10	U	22.7	22.7	pg/L	22.7
2050-67-1	PCB-11	U	114	114	pg/L	114
PCB-12/13	PCB-13/12	CU	45.5	45.5	pg/L	45.5
34883-41-5	PCB-14	U	22.7	22.7	pg/L	22.7
2050-68-2	PCB-15	U	22.7	22.7	pg/L	22.7
38444-78-9	PCB-16	U	22.7	22.7	pg/L	22.7
37680-66-3	PCB-17	U	22.7	22.7	pg/L	22.7
PCB-18/30	PCB-18/30	CU	45.5	45.5	pg/L	45.5
38444-73-4	PCB-19	U	22.7	22.7	pg/L	22.7
PCB-20/28	PCB-20/28	CU	45.5	45.5	pg/L	45.5
PCB-21/33	PCB-21/33	CU	45.5	45.5	pg/L	45.5
38444-85-8	PCB-22	U	22.7	22.7	pg/L	22.7
55720-44-0	PCB-23	U	22.7	22.7	pg/L	22.7
55702-45-9	PCB-24	U	22.7	22.7	pg/L	22.7
55712-37-3	PCB-25	U	22.7	22.7	pg/L	22.7
PCB-26/29	PCB-26/29	CU	45.5	45.5	pg/L	45.5
38444-76-7	PCB-27	U	22.7	22.7	pg/L	22.7
16606-02-3	PCB-31	U	22.7	22.7	pg/L	22.7
38444-77-8	PCB-32	U	22.7	22.7	pg/L	22.7
37680-68-5	PCB-34	U	22.7	22.7	pg/L	22.7
37680-69-6	PCB-35	U	22.7	22.7	pg/L	22.7
38444-87-0	PCB-36	U	22.7	22.7	pg/L	22.7
38444-90-5	PCB-37	U	22.7	22.7	pg/L	22.7

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-2110**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8077001**	**Date Collected:**	**08/02/2015 14:03**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**08/11/2015 11:48**		
Client ID:	**WT_IPC-15-101952**			**Prep Basis:**	**As Received**
Batch ID:	**29919**	**Method:**	**EPA Method 1668A**		
Run Date:	**09/01/2015 16:57**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c01sep15a-3**			**Dilution:**	**1**
Prep Batch:	**29915**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**26-AUG-15**	**Prep Aliquot:**	**879.7 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
53555-66-1	PCB-38	U	22.7	22.7	pg/L	22.7
38444-88-1	PCB-39	U	22.7	22.7	pg/L	22.7
PCB-40/71	PCB-40/71	CU	45.5	45.5	pg/L	45.5
52663-59-9	PCB-41	U	22.7	22.7	pg/L	22.7
36559-22-5	PCB-42	U	22.7	22.7	pg/L	22.7
70362-46-8	PCB-43	U	22.7	22.7	pg/L	22.7
PCB-44/47/65	PCB-44/65/47	CU	68.2	68.2	pg/L	68.2
PCB-45/51	PCB-45/51	CU	45.5	45.5	pg/L	45.5
41464-47-5	PCB-46	U	22.7	22.7	pg/L	22.7
70362-47-9	PCB-48	U	22.7	22.7	pg/L	22.7
PCB-49/69	PCB-69/49	CU	45.5	45.5	pg/L	45.5
PCB-50/53	PCB-50/53	CU	45.5	45.5	pg/L	45.5
35693-99-3	PCB-52		29.5	23.4	pg/L	22.7
15968-05-5	PCB-54	U	22.7	22.7	pg/L	22.7
74338-24-2	PCB-55	U	22.7	22.7	pg/L	22.7
41464-43-1	PCB-56	U	22.7	22.7	pg/L	22.7
70424-67-8	PCB-57	U	22.7	22.7	pg/L	22.7
41464-49-7	PCB-58	U	22.7	22.7	pg/L	22.7
PCB-59/62/75	PCB-59/62/75	CU	68.2	68.2	pg/L	68.2
33025-41-1	PCB-60	U	22.7	22.7	pg/L	22.7
PCB-61-76	PCB-61/76/70/74	CU	90.9	90.9	pg/L	90.9
74472-34-7	PCB-63	U	22.7	22.7	pg/L	22.7
52663-58-8	PCB-64	U	22.7	22.7	pg/L	22.7
32598-10-0	PCB-66	U	22.7	22.7	pg/L	22.7
73575-53-8	PCB-67	U	22.7	22.7	pg/L	22.7
73575-52-7	PCB-68	U	22.7	22.7	pg/L	22.7
41464-42-0	PCB-72	U	22.7	22.7	pg/L	22.7
74338-23-1	PCB-73	U	22.7	22.7	pg/L	22.7
32598-13-3	PCB-77	U	22.7	22.7	pg/L	22.7
70362-49-1	PCB-78	U	22.7	22.7	pg/L	22.7
41464-48-6	PCB-79	U	22.7	22.7	pg/L	22.7
33284-52-5	PCB-80	U	22.7	22.7	pg/L	22.7

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-2110**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8077001**	**Date Collected:**	**08/02/2015 14:03**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**08/11/2015 11:48**		
Client ID:	**WT_IPC-15-101952**			**Prep Basis:**	**As Received**
Batch ID:	**29919**	**Method:**	**EPA Method 1668A**		
Run Date:	**09/01/2015 16:57**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c01sep15a-3**			**Dilution:**	**1**
Prep Batch:	**29915**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**26-AUG-15**	**Prep Aliquot:**	**879.7 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
70362-50-4	PCB-81	U	22.7	22.7	pg/L	22.7
52663-62-4	PCB-82	U	22.7	22.7	pg/L	22.7
60145-20-2	PCB-83	U	22.7	22.7	pg/L	22.7
52663-60-2	PCB-84	U	22.7	22.7	pg/L	22.7
PCB-85-117	PCB-117/116/85	CU	68.2	68.2	pg/L	68.2
PCB-86-125	PCB-86/87/97/109/119/125	CU	136	136	pg/L	136
PCB-88/91	PCB-88/91	CU	45.5	45.5	pg/L	45.5
73575-57-2	PCB-89	U	22.7	22.7	pg/L	22.7
PCB-90-113	PCB-113/90/101	C	137	132	pg/L	68.2
52663-61-3	PCB-92		29.5	25	pg/L	22.7
PCB-93/100	PCB-93/100	CU	45.5	45.5	pg/L	45.5
73575-55-0	PCB-94	U	22.7	22.7	pg/L	22.7
38379-99-6	PCB-95		77.6	73.4	pg/L	22.7
73575-54-9	PCB-96	U	22.7	22.7	pg/L	22.7
PCB-98/102	PCB-102/98	CU	45.5	45.5	pg/L	45.5
38380-01-7	PCB-99		78.8	74.7	pg/L	22.7
60145-21-3	PCB-103	U	22.7	22.7	pg/L	22.7
56558-16-8	PCB-104	U	22.7	22.7	pg/L	22.7
32598-14-4	PCB-105		82.2	76.9	pg/L	22.7
70424-69-0	PCB-106	U	22.7	22.7	pg/L	22.7
70424-68-9	PCB-107	U	22.7	22.7	pg/L	22.7
PCB-108/124	PCB-108/124	CU	45.5	45.5	pg/L	45.5
PCB-110/115	PCB-110/115	C	190	186	pg/L	45.5
39635-32-0	PCB-111	U	22.7	22.7	pg/L	22.7
74472-36-9	PCB-112	U	22.7	22.7	pg/L	22.7
74472-37-0	PCB-114	U	22.7	22.7	pg/L	22.7
31508-00-6	PCB-118		149	144	pg/L	22.7
68194-12-7	PCB-120	U	22.7	22.7	pg/L	22.7
56558-18-0	PCB-121	U	22.7	22.7	pg/L	22.7
76842-07-4	PCB-122	U	22.7	22.7	pg/L	22.7
65510-44-3	PCB-123	U	22.7	22.7	pg/L	22.7
57465-28-8	PCB-126	U	22.7	22.7	pg/L	22.7

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-2110**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8077001**	**Date Collected:**	**08/02/2015 14:03**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**08/11/2015 11:48**		
Client ID:	**WT_IPC-15-101952**			**Prep Basis:**	**As Received**
Batch ID:	**29919**	**Method:**	**EPA Method 1668A**		
Run Date:	**09/01/2015 16:57**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c01sep15a-3**			**Dilution:**	**1**
Prep Batch:	**29915**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**26-AUG-15**	**Prep Aliquot:**	**879.7 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
39635-33-1	PCB-127	U	22.7	22.7	pg/L	22.7
PCB-128/166	PCB-128/166	C	55.5	51.1	pg/L	45.5
PCB-129-163	PCB-138/163/129	C	362	357	pg/L	68.2
52663-66-8	PCB-130	U	22.7	22.7	pg/L	22.7
61798-70-7	PCB-131	U	22.7	22.7	pg/L	22.7
38380-05-1	PCB-132		83.1	77.5	pg/L	22.7
35694-04-3	PCB-133	U	22.7	22.7	pg/L	22.7
52704-70-8	PCB-134	U	22.7	22.7	pg/L	22.7
PCB-135/151	PCB-151/135	C	67.3	63.6	pg/L	45.5
38411-22-2	PCB-136	U	22.7	22.7	pg/L	22.7
35694-06-5	PCB-137	U	22.7	22.7	pg/L	22.7
PCB-139/140	PCB-139/140	CU	45.5	45.5	pg/L	45.5
52712-04-6	PCB-141		42.8	38	pg/L	22.7
41411-61-4	PCB-142	U	22.7	22.7	pg/L	22.7
68194-15-0	PCB-143	U	22.7	22.7	pg/L	22.7
68194-14-9	PCB-144	U	22.7	22.7	pg/L	22.7
74472-40-5	PCB-145	U	22.7	22.7	pg/L	22.7
51908-16-8	PCB-146		38.7	34.5	pg/L	22.7
PCB-147/149	PCB-147/149	C	182	178	pg/L	45.5
74472-41-6	PCB-148	U	22.7	22.7	pg/L	22.7
68194-08-1	PCB-150	U	22.7	22.7	pg/L	22.7
68194-09-2	PCB-152	U	22.7	22.7	pg/L	22.7
PCB-153/168	PCB-153/168	C	252	248	pg/L	45.5
60145-22-4	PCB-154	U	22.7	22.7	pg/L	22.7
33979-03-2	PCB-155	U	22.7	22.7	pg/L	22.7
PCB-156/157	PCB-156/157	CU	45.5	45.5	pg/L	45.5
74472-42-7	PCB-158		27.3	23.7	pg/L	22.7
39635-35-3	PCB-159	U	22.7	22.7	pg/L	22.7
41411-62-5	PCB-160	U	22.7	22.7	pg/L	22.7
74472-43-8	PCB-161	U	22.7	22.7	pg/L	22.7
39635-34-2	PCB-162	U	22.7	22.7	pg/L	22.7
74472-45-0	PCB-164	U	22.7	22.7	pg/L	22.7

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-2110**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8077001**	**Date Collected:**	**08/02/2015 14:03**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**08/11/2015 11:48**		
Client ID:	**WT_IPC-15-101952**			**Prep Basis:**	**As Received**
Batch ID:	**29919**	**Method:**	**EPA Method 1668A**		
Run Date:	**09/01/2015 16:57**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c01sep15a-3**			**Dilution:**	**1**
Prep Batch:	**29915**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**26-AUG-15**	**Prep Aliquot:**	**879.7 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-46-1	PCB-165	U	22.7	22.7	pg/L	22.7
52663-72-6	PCB-167	U	22.7	22.7	pg/L	22.7
32774-16-6	PCB-169	U	22.7	22.7	pg/L	22.7
35065-30-6	PCB-170		71.0	66.4	pg/L	22.7
PCB-171/173	PCB-173/171	CU	45.5	45.5	pg/L	45.5
52663-74-8	PCB-172	U	22.7	22.7	pg/L	22.7
38411-25-5	PCB-174		68.5	64.1	pg/L	22.7
40186-70-7	PCB-175	U	22.7	22.7	pg/L	22.7
52663-65-7	PCB-176	U	22.7	22.7	pg/L	22.7
52663-70-4	PCB-177		43.6	39	pg/L	22.7
52663-67-9	PCB-178	U	22.7	22.7	pg/L	22.7
52663-64-6	PCB-179		28.2	25.2	pg/L	22.7
PCB-180/193	PCB-193/180	C	149	144	pg/L	45.5
74472-47-2	PCB-181	U	22.7	22.7	pg/L	22.7
60145-23-5	PCB-182	U	22.7	22.7	pg/L	22.7
PCB-183/185	PCB-183/185	CU	45.5	45.5	pg/L	45.5
74472-48-3	PCB-184	U	22.7	22.7	pg/L	22.7
74472-49-4	PCB-186	U	22.7	22.7	pg/L	22.7
52663-68-0	PCB-187		86.3	82.7	pg/L	22.7
74487-85-7	PCB-188	U	22.7	22.7	pg/L	22.7
39635-31-9	PCB-189	U	22.7	22.7	pg/L	22.7
41411-64-7	PCB-190	U	22.7	22.7	pg/L	22.7
74472-50-7	PCB-191	U	22.7	22.7	pg/L	22.7
74472-51-8	PCB-192	U	22.7	22.7	pg/L	22.7
35694-08-7	PCB-194		36.3	33	pg/L	22.7
52663-78-2	PCB-195	U	22.7	22.7	pg/L	22.7
42740-50-1	PCB-196	U	22.7	22.7	pg/L	22.7
PCB-197/200	PCB-197/200	CU	45.5	45.5	pg/L	45.5
PCB-198/199	PCB-198/199	CU	45.5	45.5	pg/L	45.5
40186-71-8	PCB-201	U	22.7	22.7	pg/L	22.7
2136-99-4	PCB-202	U	22.7	22.7	pg/L	22.7
52663-76-0	PCB-203	U	23.3	22.7	pg/L	22.7

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-2110**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8077001**	**Date Collected:**	**08/02/2015 14:03**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**08/11/2015 11:48**		
Client ID:	**WT_IPC-15-101952**			**Prep Basis:**	**As Received**
Batch ID:	**29919**	**Method:**	**EPA Method 1668A**		
Run Date:	**09/01/2015 16:57**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c01sep15a-3**			**Dilution:**	**1**
Prep Batch:	**29915**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**26-AUG-15**	**Prep Aliquot:**	**879.7 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-52-9	PCB-204	U	22.7	22.7	pg/L	22.7
74472-53-0	PCB-205	U	22.7	22.7	pg/L	22.7
40186-72-9	PCB-206	U	22.7	22.7	pg/L	22.7
52663-79-3	PCB-207	U	22.7	22.7	pg/L	22.7
52663-77-1	PCB-208	U	22.7	22.7	pg/L	22.7
2051-24-3	PCB-209	U	22.7	22.7	pg/L	22.7
27323-18-8	Total Mono PCBs	U	0	0	pg/L	
25512-42-9	Total Di PCBs	U	0	0	pg/L	
25323-68-6	Total Tri PCBs	U	0	0	pg/L	
26914-33-0	Total Tetra PCBs		29.5	23.4	pg/L	
25429-29-2	Total Penta PCBs		744	712	pg/L	
26601-64-9	Total Hexa PCBs		1110	1070	pg/L	
28655-71-2	Total Hepta PCBs		446	422	pg/L	
55722-26-4	Total Octa PCBs		59.6	33	pg/L	
53742-07-7	Total Nona PCBs	U	0	0	pg/L	
DECACB(Tot)	Total Deca PCB	U	0	0	pg/L	
1336-36-3	Total PCB Congeners		2390	2260	pg/L	

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		696	2270	pg/L	30.6	(15%-150%)
13C-3-MoCB		933	2270	pg/L	41.0	(15%-150%)
13C-4-DiCB		1160	2270	pg/L	50.9	(25%-150%)
13C-15-DiCB		1450	2270	pg/L	63.8	(25%-150%)
13C-19-TrCB		1530	2270	pg/L	67.5	(25%-150%)
13C-37-TrCB		1590	2270	pg/L	69.9	(25%-150%)
13C-54-TeCB		1530	2270	pg/L	67.5	(25%-150%)
13C-77-TeCB		1890	2270	pg/L	83.0	(25%-150%)
13C-81-TeCB		1920	2270	pg/L	84.5	(25%-150%)
13C-104-PeCB		1440	2270	pg/L	63.5	(25%-150%)
13C-105-PeCB		1650	2270	pg/L	72.6	(25%-150%)
13C-114-PeCB		1640	2270	pg/L	72.1	(25%-150%)
13C-118-PeCB		1640	2270	pg/L	72.1	(25%-150%)
13C-123-PeCB		1730	2270	pg/L	75.9	(25%-150%)
13C-126-PeCB		1700	2270	pg/L	74.8	(25%-150%)
13C-155-HxCB		1620	2270	pg/L	71.2	(25%-150%)
13C-156-HxCB	C	3230	4550	pg/L	71.1	(25%-150%)
13C-167-HxCB		1660	2270	pg/L	73.2	(25%-150%)
13C-169-HxCB		1740	2270	pg/L	76.3	(25%-150%)
13C-188-HpCB		1430	2270	pg/L	63.0	(25%-150%)
13C-189-HpCB		1490	2270	pg/L	65.5	(25%-150%)
13C-202-OcCB		1580	2270	pg/L	69.7	(25%-150%)
13C-205-OcCB		2010	2270	pg/L	88.5	(25%-150%)

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2015-2110**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8077001**	**Date Collected:**	**08/02/2015 14:03**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**08/11/2015 11:48**		
Client ID:	**WT_IPC-15-101952**			**Prep Basis:**	**As Received**
Batch ID:	**29919**	**Method:**	**EPA Method 1668A**		
Run Date:	**09/01/2015 16:57**	**Analyst:**	**MJC**	**Instrument:**	**HRP791**
Data File:	**c01sep15a-3**			**Dilution:**	**1**
Prep Batch:	**29915**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**26-AUG-15**	**Prep Aliquot:**	**879.7 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-206-NoCB		2090	2270	pg/L	91.8	(25%-150%)
13C-208-NoCB		1760	2270	pg/L	77.6	(25%-150%)
13C-209-DeCB		2250	2270	pg/L	98.9	(25%-150%)
13C-28-TrCB		1580	2270	pg/L	69.5	(30%-135%)
13C-111-PeCB		1730	2270	pg/L	76.2	(30%-135%)
13C-178-HpCB		1910	2270	pg/L	83.9	(30%-135%)

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-OCT-15 to 31-OCT-15

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	2.88	1.55	5.98	
3-Chlorobiphenyl (2)	pg/L	2.59	1.52	5.64	
4-Chlorobiphenyl (3)	pg/L	2.69	1.57	5.83	
2,2'-Dichlorobiphenyl (4)	pg/L	15.6	10.3	36.3	*
2,3-Dichlorobiphenyl (5)	pg/L	12.8	9.73	32.2	*
2,3'-Dichlorobiphenyl (6)	pg/L	9.68	6.79	23.3	*
2,4-Dichlorobiphenyl (7)	pg/L	10.3	7.29	24.9	*
2,4'-Dichlorobiphenyl (8)	pg/L	9	6.22	21.4	*
2,5-Dichlorobiphenyl (9)	pg/L	10.7	7.85	26.4	*
2,6-Dichlorobiphenyl (10)	pg/L	9.69	6.61	22.9	*
3,3'-Dichlorobiphenyl (11)	pg/L	11.5	7.44	26.4	
3,4-Dichlorobiphenyl (12)	pg/L	12.9	7.39	27.7	
3,5-Dichlorobiphenyl (14)	pg/L	10.8	7.51	25.8	*
4,4'-Dichlorobiphenyl (15)	pg/L	12.6	7.6	27.9	*
2,2',3-Trichlorobiphenyl (16)	pg/L	4.65	3.47	11.6	
2,2',4-Trichlorobiphenyl (17)	pg/L	4.5	3.17	10.8	
2,2',5-Trichlorobiphenyl (18)	pg/L	3.69	2.55	8.8	
2,2',6-Trichlorobiphenyl (19)	pg/L	4.62	3.05	10.7	
2,3,3'-Trichlorobiphenyl (20)	pg/L	3.41	2.23	7.88	
2,3,4-Trichlorobiphenyl (21)	pg/L	3.45	2.07	7.6	
2,3,4'-Trichlorobiphenyl (22)	pg/L	3.59	2.43	8.44	
2,3,5-Trichlorobiphenyl (23)	pg/L	3.26	2.26	7.79	
2,3,6-Trichlorobiphenyl (24)	pg/L	3.42	2.41	8.23	
2,3',4-Trichlorobiphenyl (25)	pg/L	2.95	1.95	6.86	
2,3',5-Trichlorobiphenyl (26)	pg/L	3.44	2.07	7.59	
2,3',6-Trichlorobiphenyl (27)	pg/L	3.18	2.16	7.5	
2,4',5-Trichlorobiphenyl (31)	pg/L	3.03	2.13	7.29	
2,4',6-Trichlorobiphenyl (32)	pg/L	2.96	2.04	7.05	
2',3,5-Trichlorobiphenyl (34)	pg/L	3.34	2.21	7.76	
3,3',4-Trichlorobiphenyl (35)	pg/L	4.03	2.05	8.13	
3,3',5-Trichlorobiphenyl (36)	pg/L	3.52	1.76	7.03	
3,4,4'-Trichlorobiphenyl (37)	pg/L	4.88	2.46	9.8	
3,4,5-Trichlorobiphenyl (38)	pg/L	3.9	2.09	8.07	
3,4',5-Trichlorobiphenyl (39)	pg/L	3.8	1.94	7.68	
2,2',3,3'-Tetrachlorobiphenyl (40)	pg/L	4.1	2.24	8.59	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	5.78	3.35	12.5	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	4.5	2.67	9.83	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	5.24	3.23	11.7	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	4.37	2.18	8.72	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	3.53	1.45	6.42	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	3.32	1.78	6.87	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	4.58	2.57	9.72	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	4.07	2	8.07	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	3.15	1.46	6.08	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	4.39	2.31	9.01	
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	2.05	1.22	4.49	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-OCT-15 to 31-OCT-15

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	3.15	1.53	6.2	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	3.41	1.54	6.48	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	2.89	1.36	5.61	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	3.12	1.44	6	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	3.6	1.71	7.02	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	3.24	1.43	6.1	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	3.42	1.06	5.54	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	2.78	1.26	5.3	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	3.43	1.78	6.99	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	2.95	1.32	5.6	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	2.6	1.17	4.95	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	2.8	1.26	5.32	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	2.77	1.3	5.36	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	3.52	1.88	7.28	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	3.91	1.66	7.23	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	3.19	1.4	5.99	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	2.79	1.19	5.16	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	2.76	1.21	5.18	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	3.54	1.4	6.34	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	4.55	3.45	11.4	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	4.82	3.47	11.8	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	4.44	3.23	10.9	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	3.67	2.43	8.53	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	3.9	2.53	8.96	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	4.46	2.84	10.1	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	4.28	3.08	10.4	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	3.78	2.52	8.82	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	4.06	3	10.1	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	4.11	3.03	10.2	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	4.43	3.33	11.1	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	3.83	2.8	9.42	
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	2.55	2.26	7.08	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	4.51	3.06	10.6	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	3.86	2.88	9.61	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	3.63	2.64	8.91	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	2.78	2.74	8.25	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	4.37	3.59	11.6	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	3.7	3.42	10.5	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	3.64	3.09	9.82	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	4.01	3.5	11	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	3.61	2.31	8.23	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	3.18	2.37	7.92	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	2.97	2.3	7.58	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	4.39	3.75	11.9	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	4.05	3.5	11	
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	2.92	2.17	7.26	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-OCT-15 to 31-OCT-15

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	3.18	2.36	7.9	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	4.12	3.6	11.3	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	4.13	3.6	11.3	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	5.56	4.39	14.3	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	3.96	3.45	10.9	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	3.01	1.6	6.21	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	3.33	1.65	6.63	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	3.63	1.9	7.43	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	3.92	2.04	8	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	3.73	1.93	7.59	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	3.43	1.76	6.95	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	4.41	2.4	9.22	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	2.96	1.15	5.26	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	2.02	0.973	3.97	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	3.63	1.95	7.54	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	3.26	1.66	6.59	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	3.25	1.82	6.89	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	3.55	1.91	7.36	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	3.22	1.78	6.77	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	2.65	1.31	5.26	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	2.2	1.07	4.34	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	2.82	1.48	5.78	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	3.24	1.71	6.67	
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	2.6	1.25	5.1	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	2.08	1.02	4.12	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	1.97	0.933	3.84	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	2.84	1.31	5.47	
2,2',4,4',5,6'-Hexachlorobiphenyl (154)	pg/L	2.35	1.15	4.64	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	1.7	0.908	3.52	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	3.11	1.61	6.33	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	2.33	1.19	4.71	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	2.25	1.22	4.68	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	2.74	1.44	5.63	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	2.44	1.28	5	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	2.33	1.26	4.84	
2,3,3',4',5',6-Hexachlorobiphenyl (164)	pg/L	2.46	1.34	5.15	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	2.9	1.47	5.84	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	2.4	1.27	4.93	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	3	1.64	6.28	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	2.76	1.35	5.45	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	2.87	1.19	5.25	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	2.76	1.34	5.43	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	2.59	1.29	5.17	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	2.72	1.61	5.95	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	2.11	1.23	4.58	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	2.74	1.31	5.36	

Blank Population Summary

Method 1668 HRMS Aqueous Analysis for 01-OCT-15 to 31-OCT-15

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	2.83	1.66	6.15	
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	2.08	1.2	4.48	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	2.49	0.952	4.4	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	2.76	1.33	5.41	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	2.71	1.61	5.92	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	2.83	1.02	4.88	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	2.07	1.19	4.45	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	2.27	1.34	4.95	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	2.73	1.61	5.94	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	2.14	1.31	4.75	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	2.77	1.43	5.63	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	2.11	1.03	4.17	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	2.04	0.986	4.02	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	2.33	1.1	4.52	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	2.06	1.02	4.1	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	2.22	1.07	4.36	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	2.32	1.16	4.64	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	2.01	0.766	3.54	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	2.61	1.09	4.79	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	1.78	0.91	3.6	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	1.87	1	3.88	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	2.32	1.15	4.62	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	1.78	0.886	3.56	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	1.78	0.846	3.47	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	3.15	1.92	6.99	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	2.27	1.36	4.99	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	2.38	1.44	5.27	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	2.36	1.4	5.16	

* = *PQL adjusted to the MBCV.*

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2016-146**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8396001**	**Date Collected:**	**10/21/2015 11:10**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2015 10:10**		
Client ID:	**WT_IPC-15-106553**			**Prep Basis:**	**As Received**
Batch ID:	**30388**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/05/2015 01:18**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d04nov15a-11**			**Dilution:**	**1**
Prep Batch:	**30383**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**28-OCT-15**	**Prep Aliquot:**	**935.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
2051-60-7	PCB-1	U	21.4	21.4	pg/L	21.4
2051-61-8	PCB-2	U	21.4	21.4	pg/L	21.4
2051-62-9	PCB-3	U	21.4	21.4	pg/L	21.4
13029-08-8	PCB-4	U	35.1	35.1	pg/L	35.1
16605-91-7	PCB-5	U	38.9	38.9	pg/L	38.9
25569-80-6	PCB-6	U	29.1	29.1	pg/L	29.1
33284-50-3	PCB-7	U	31.2	31.2	pg/L	31.2
34883-43-7	PCB-8	U	24.2	24.2	pg/L	24.2
34883-39-1	PCB-9	U	32.3	32.3	pg/L	32.3
33146-45-1	PCB-10	U	26.3	26.3	pg/L	26.3
2050-67-1	PCB-11	U	107	107	pg/L	107
PCB-12/13	PCB-13/12	CU	42.8	42.8	pg/L	42.8
34883-41-5	PCB-14	U	31.7	31.7	pg/L	31.7
2050-68-2	PCB-15	U	31.4	31.4	pg/L	31.4
38444-78-9	PCB-16	U	21.4	21.4	pg/L	21.4
37680-66-3	PCB-17	U	21.4	21.4	pg/L	21.4
PCB-18/30	PCB-18/30	CU	42.8	42.8	pg/L	42.8
38444-73-4	PCB-19	U	21.4	21.4	pg/L	21.4
PCB-20/28	PCB-20/28	CU	42.8	42.8	pg/L	42.8
PCB-21/33	PCB-21/33	CU	42.8	42.8	pg/L	42.8
38444-85-8	PCB-22	U	21.4	21.4	pg/L	21.4
55720-44-0	PCB-23	U	21.4	21.4	pg/L	21.4
55702-45-9	PCB-24	U	21.4	21.4	pg/L	21.4
55712-37-3	PCB-25	U	21.4	21.4	pg/L	21.4
PCB-26/29	PCB-26/29	CU	42.8	42.8	pg/L	42.8
38444-76-7	PCB-27	U	21.4	21.4	pg/L	21.4
16606-02-3	PCB-31	U	21.4	21.4	pg/L	21.4
38444-77-8	PCB-32	U	21.4	21.4	pg/L	21.4
37680-68-5	PCB-34	U	21.4	21.4	pg/L	21.4
37680-69-6	PCB-35	U	21.4	21.4	pg/L	21.4
38444-87-0	PCB-36	U	21.4	21.4	pg/L	21.4
38444-90-5	PCB-37	U	21.4	21.4	pg/L	21.4

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2016-146**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8396001**	**Date Collected:**	**10/21/2015 11:10**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2015 10:10**		
Client ID:	**WT_IPC-15-106553**			**Prep Basis:**	**As Received**
Batch ID:	**30388**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/05/2015 01:18**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d04nov15a-11**			**Dilution:**	**1**
Prep Batch:	**30383**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**28-OCT-15**	**Prep Aliquot:**	**935.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
53555-66-1	PCB-38	U	21.4	21.4	pg/L	21.4
38444-88-1	PCB-39	U	21.4	21.4	pg/L	21.4
PCB-40/71	PCB-40/71	CU	42.8	42.8	pg/L	42.8
52663-59-9	PCB-41	U	21.4	21.4	pg/L	21.4
36559-22-5	PCB-42	U	21.4	21.4	pg/L	21.4
70362-46-8	PCB-43	U	21.4	21.4	pg/L	21.4
PCB-44/47/65	PCB-44/65/47	C	75.6	66.8	pg/L	64.2
PCB-45/51	PCB-45/51	CU	42.8	42.8	pg/L	42.8
41464-47-5	PCB-46	U	21.4	21.4	pg/L	21.4
70362-47-9	PCB-48	U	21.4	21.4	pg/L	21.4
PCB-49/69	PCB-69/49	CU	42.8	42.8	pg/L	42.8
PCB-50/53	PCB-50/53	CU	42.8	42.8	pg/L	42.8
35693-99-3	PCB-52		101	91.7	pg/L	21.4
15968-05-5	PCB-54	U	21.4	21.4	pg/L	21.4
74338-24-2	PCB-55	U	21.4	21.4	pg/L	21.4
41464-43-1	PCB-56		49.6	43.1	pg/L	21.4
70424-67-8	PCB-57	U	21.4	21.4	pg/L	21.4
41464-49-7	PCB-58	U	21.4	21.4	pg/L	21.4
PCB-59/62/75	PCB-59/62/75	CU	64.2	64.2	pg/L	64.2
33025-41-1	PCB-60	U	25.5	21.4	pg/L	21.4
PCB-61-76	PCB-61/76/70/74	C	147	142	pg/L	85.6
74472-34-7	PCB-63	U	21.4	21.4	pg/L	21.4
52663-58-8	PCB-64		31.5	24.5	pg/L	21.4
32598-10-0	PCB-66		70.8	65.2	pg/L	21.4
73575-53-8	PCB-67	U	21.4	21.4	pg/L	21.4
73575-52-7	PCB-68	U	21.4	21.4	pg/L	21.4
41464-42-0	PCB-72	U	21.4	21.4	pg/L	21.4
74338-23-1	PCB-73	U	21.4	21.4	pg/L	21.4
32598-13-3	PCB-77	U	26.2	21.4	pg/L	21.4
70362-49-1	PCB-78	U	21.4	21.4	pg/L	21.4
41464-48-6	PCB-79	U	21.4	21.4	pg/L	21.4
33284-52-5	PCB-80	U	21.4	21.4	pg/L	21.4

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2016-146**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8396001**	**Date Collected:**	**10/21/2015 11:10**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2015 10:10**		
Client ID:	**WT_IPC-15-106553**			**Prep Basis:**	**As Received**
Batch ID:	**30388**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/05/2015 01:18**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d04nov15a-11**			**Dilution:**	**1**
Prep Batch:	**30383**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**28-OCT-15**	**Prep Aliquot:**	**935.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
70362-50-4	PCB-81	U	21.4	21.4	pg/L	21.4
52663-62-4	PCB-82		59.5	48.1	pg/L	21.4
60145-20-2	PCB-83	U	31.8	21.4	pg/L	21.4
52663-60-2	PCB-84		99.9	89	pg/L	21.4
PCB-85-117	PCB-117/116/85	C	106	97.3	pg/L	64.2
PCB-86-125	PCB-86/87/97/109/119/125	C	359	350	pg/L	128
PCB-88/91	PCB-88/91	C	59.2	49.1	pg/L	42.8
73575-57-2	PCB-89	U	21.4	21.4	pg/L	21.4
PCB-90-113	PCB-113/90/101	C	547	538	pg/L	64.2
52663-61-3	PCB-92		121	111	pg/L	21.4
PCB-93/100	PCB-93/100	CU	42.8	42.8	pg/L	42.8
73575-55-0	PCB-94	U	21.4	21.4	pg/L	21.4
38379-99-6	PCB-95		384	375	pg/L	21.4
73575-54-9	PCB-96	U	21.4	21.4	pg/L	21.4
PCB-98/102	PCB-102/98	CU	42.8	42.8	pg/L	42.8
38380-01-7	PCB-99		238	229	pg/L	21.4
60145-21-3	PCB-103	U	21.4	21.4	pg/L	21.4
56558-16-8	PCB-104	U	21.4	21.4	pg/L	21.4
32598-14-4	PCB-105		205	193	pg/L	21.4
70424-69-0	PCB-106	U	21.4	21.4	pg/L	21.4
70424-68-9	PCB-107		34.5	24.6	pg/L	21.4
PCB-108/124	PCB-108/124	CU	42.8	42.8	pg/L	42.8
PCB-110/115	PCB-110/115	C	953	944	pg/L	42.8
39635-32-0	PCB-111	U	21.4	21.4	pg/L	21.4
74472-36-9	PCB-112	U	21.4	21.4	pg/L	21.4
74472-37-0	PCB-114	U	21.4	21.4	pg/L	21.4
31508-00-6	PCB-118		462	450	pg/L	21.4
68194-12-7	PCB-120	U	21.4	21.4	pg/L	21.4
56558-18-0	PCB-121	U	21.4	21.4	pg/L	21.4
76842-07-4	PCB-122	U	21.4	21.4	pg/L	21.4
65510-44-3	PCB-123	U	21.4	21.4	pg/L	21.4
57465-28-8	PCB-126	U	21.4	21.4	pg/L	21.4

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2016-146**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8396001**	**Date Collected:**	**10/21/2015 11:10**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2015 10:10**		
Client ID:	**WT_IPC-15-106553**			**Prep Basis:**	**As Received**
Batch ID:	**30388**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/05/2015 01:18**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d04nov15a-11**			**Dilution:**	**1**
Prep Batch:	**30383**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**28-OCT-15**	**Prep Aliquot:**	**935.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
39635-33-1	PCB-127	U	21.4	21.4	pg/L	21.4
PCB-128/166	PCB-128/166	C	306	300	pg/L	42.8
PCB-129-163	PCB-138/163/129	C	2380	2370	pg/L	64.2
52663-66-8	PCB-130		126	118	pg/L	21.4
61798-70-7	PCB-131	U	21.4	21.4	pg/L	21.4
38380-05-1	PCB-132		583	576	pg/L	21.4
35694-04-3	PCB-133	U	23.7	21.4	pg/L	21.4
52704-70-8	PCB-134		93.8	84.6	pg/L	21.4
PCB-135/151	PCB-151/135	C	601	596	pg/L	42.8
38411-22-2	PCB-136		162	158	pg/L	21.4
35694-06-5	PCB-137		84.5	77	pg/L	21.4
PCB-139/140	PCB-139/140	CU	42.8	42.8	pg/L	42.8
52712-04-6	PCB-141		371	364	pg/L	21.4
41411-61-4	PCB-142	U	21.4	21.4	pg/L	21.4
68194-15-0	PCB-143	U	21.4	21.4	pg/L	21.4
68194-14-9	PCB-144		61.4	56.2	pg/L	21.4
74472-40-5	PCB-145	U	21.4	21.4	pg/L	21.4
51908-16-8	PCB-146		260	254	pg/L	21.4
PCB-147/149	PCB-147/149	C	1400	1390	pg/L	42.8
74472-41-6	PCB-148	U	21.4	21.4	pg/L	21.4
68194-08-1	PCB-150	U	21.4	21.4	pg/L	21.4
68194-09-2	PCB-152	U	21.4	21.4	pg/L	21.4
PCB-153/168	PCB-153/168	C	1790	1790	pg/L	42.8
60145-22-4	PCB-154	U	21.4	21.4	pg/L	21.4
33979-03-2	PCB-155	U	21.4	21.4	pg/L	21.4
PCB-156/157	PCB-156/157	C	177	171	pg/L	42.8
74472-42-7	PCB-158		175	170	pg/L	21.4
39635-35-3	PCB-159		29.5	24.8	pg/L	21.4
41411-62-5	PCB-160	U	21.4	21.4	pg/L	21.4
74472-43-8	PCB-161	U	21.4	21.4	pg/L	21.4
39635-34-2	PCB-162	U	21.4	21.4	pg/L	21.4
74472-45-0	PCB-164		160	155	pg/L	21.4

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

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PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2016-146**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8396001**	**Date Collected:**	**10/21/2015 11:10**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2015 10:10**		
Client ID:	**WT_IPC-15-106553**			**Prep Basis:**	**As Received**
Batch ID:	**30388**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/05/2015 01:18**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d04nov15a-11**			**Dilution:**	**1**
Prep Batch:	**30383**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**28-OCT-15**	**Prep Aliquot:**	**935.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-46-1	PCB-165	U	21.4	21.4	pg/L	21.4
52663-72-6	PCB-167		92.1	87.2	pg/L	21.4
32774-16-6	PCB-169	U	21.4	21.4	pg/L	21.4
35065-30-6	PCB-170		699	694	pg/L	21.4
PCB-171/173	PCB-173/171	C	202	197	pg/L	42.8
52663-74-8	PCB-172		121	116	pg/L	21.4
38411-25-5	PCB-174		709	704	pg/L	21.4
40186-70-7	PCB-175	U	25.9	21.4	pg/L	21.4
52663-65-7	PCB-176		68.0	63.4	pg/L	21.4
52663-70-4	PCB-177		420	415	pg/L	21.4
52663-67-9	PCB-178		141	135	pg/L	21.4
52663-64-6	PCB-179		256	251	pg/L	21.4
PCB-180/193	PCB-193/180	C	1510	1500	pg/L	42.8
74472-47-2	PCB-181	U	21.4	21.4	pg/L	21.4
60145-23-5	PCB-182	U	21.4	21.4	pg/L	21.4
PCB-183/185	PCB-183/185	C	421	416	pg/L	42.8
74472-48-3	PCB-184	U	21.4	21.4	pg/L	21.4
74472-49-4	PCB-186	U	21.4	21.4	pg/L	21.4
52663-68-0	PCB-187		851	845	pg/L	21.4
74487-85-7	PCB-188	U	21.4	21.4	pg/L	21.4
39635-31-9	PCB-189		27.5	21.9	pg/L	21.4
41411-64-7	PCB-190		148	144	pg/L	21.4
74472-50-7	PCB-191		27.7	23.7	pg/L	21.4
74472-51-8	PCB-192	U	21.4	21.4	pg/L	21.4
35694-08-7	PCB-194		316	312	pg/L	21.4
52663-78-2	PCB-195		142	138	pg/L	21.4
42740-50-1	PCB-196		152	148	pg/L	21.4
PCB-197/200	PCB-197/200	C	49.0	45.5	pg/L	42.8
PCB-198/199	PCB-198/199	C	345	341	pg/L	42.8
40186-71-8	PCB-201		34.1	30.5	pg/L	21.4
2136-99-4	PCB-202		56.1	52.2	pg/L	21.4
52663-76-0	PCB-203		210	205	pg/L	21.4

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2016-146**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8396001**	**Date Collected:**	**10/21/2015 11:10**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2015 10:10**		
Client ID:	**WT_IPC-15-106553**			**Prep Basis:**	**As Received**
Batch ID:	**30388**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/05/2015 01:18**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d04nov15a-11**			**Dilution:**	**1**
Prep Batch:	**30383**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**28-OCT-15**	**Prep Aliquot:**	**935.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL
74472-52-9	PCB-204	U	21.4	21.4	pg/L	21.4
74472-53-0	PCB-205	U	21.4	21.4	pg/L	21.4
40186-72-9	PCB-206		66.3	59.3	pg/L	21.4
52663-79-3	PCB-207	U	21.4	21.4	pg/L	21.4
52663-77-1	PCB-208	U	21.4	21.4	pg/L	21.4
2051-24-3	PCB-209	U	21.4	21.4	pg/L	21.4
27323-18-8	Total Mono PCBs	U	0	0	pg/L	
25512-42-9	Total Di PCBs	U	0	0	pg/L	
25323-68-6	Total Tri PCBs	U	0	0	pg/L	
26914-33-0	Total Tetra PCBs		527	433	pg/L	
25429-29-2	Total Penta PCBs		3660	3500	pg/L	
26601-64-9	Total Hexa PCBs		8870	8740	pg/L	
28655-71-2	Total Hepta PCBs		5620	5530	pg/L	
55722-26-4	Total Octa PCBs		1310	1270	pg/L	
53742-07-7	Total Nona PCBs		66.3	59.3	pg/L	
DECACB(Tot)	Total Deca PCB	U	0	0	pg/L	
1336-36-3	Total PCB Congeners		20100	19500	pg/L	

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		1040	2140	pg/L	48.6	(15%-150%)
13C-3-MoCB		1110	2140	pg/L	52.0	(15%-150%)
13C-4-DiCB		1280	2140	pg/L	59.9	(25%-150%)
13C-15-DiCB		1390	2140	pg/L	64.9	(25%-150%)
13C-19-TrCB		1370	2140	pg/L	64.2	(25%-150%)
13C-37-TrCB		1710	2140	pg/L	79.7	(25%-150%)
13C-54-TeCB		1700	2140	pg/L	79.3	(25%-150%)
13C-77-TeCB		2080	2140	pg/L	97.1	(25%-150%)
13C-81-TeCB		2080	2140	pg/L	97.0	(25%-150%)
13C-104-PeCB		1840	2140	pg/L	86.2	(25%-150%)
13C-105-PeCB		2120	2140	pg/L	99.1	(25%-150%)
13C-114-PeCB		2080	2140	pg/L	97.1	(25%-150%)
13C-118-PeCB		2100	2140	pg/L	98.3	(25%-150%)
13C-123-PeCB		2170	2140	pg/L	102	(25%-150%)
13C-126-PeCB		2080	2140	pg/L	97.2	(25%-150%)
13C-155-HxCB		1620	2140	pg/L	75.8	(25%-150%)
13C-156-HxCB	C	3710	4280	pg/L	86.7	(25%-150%)
13C-167-HxCB		1910	2140	pg/L	89.2	(25%-150%)
13C-169-HxCB		1910	2140	pg/L	89.1	(25%-150%)
13C-188-HpCB		1580	2140	pg/L	73.7	(25%-150%)
13C-189-HpCB		1760	2140	pg/L	82.3	(25%-150%)
13C-202-OcCB		1600	2140	pg/L	75.0	(25%-150%)
13C-205-OcCB		1950	2140	pg/L	91.0	(25%-150%)

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**2016-146**	**Client:**	**LANL001**	**Project:**	**LANL00112**
Lab Sample ID:	**8396001**	**Date Collected:**	**10/21/2015 11:10**	**Matrix:**	**WATER**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2015 10:10**		
Client ID:	**WT_IPC-15-106553**			**Prep Basis:**	**As Received**
Batch ID:	**30388**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/05/2015 01:18**	**Analyst:**	**MJC**	**Instrument:**	**HRP875**
Data File:	**d04nov15a-11**			**Dilution:**	**1**
Prep Batch:	**30383**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**28-OCT-15**	**Prep Aliquot:**	**935.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-206-NoCB		1910	2140	pg/L	89.4	(25%-150%)
13C-208-NoCB		1710	2140	pg/L	79.8	(25%-150%)
13C-209-DeCB		2290	2140	pg/L	107	(25%-150%)
13C-28-TrCB		1470	2140	pg/L	68.8	(30%-135%)
13C-111-PeCB		1830	2140	pg/L	85.8	(30%-135%)
13C-178-HpCB		1840	2140	pg/L	86.2	(30%-135%)

Comments:

C **Congener has coeluters. When Cxxx, refer to congener number xxx for data**

U **Analyte was analyzed for , but not detected above the specified detection limit.**

Attachment 2

Supporting Documentation for Permitted Sites with Certificates of Completion under the New Mexico Environment Department Compliance Order on Consent

Site No.	Site Priority	Permitted Feature	Associated Site Monitoring Area Number	Stage	Corrective Action Complete Status	Date Issued	Reference
00-011(a)	Moderate	R006	R-SMA-2.5	Baseline	Complete with Controls	05/07/2013	New Mexico Environment Department (NMED) 2013, 522505
00-011(c)	Moderate	R004	R-SMA-2.05	Baseline	Complete without Controls	05/16/2012	NMED 2012, 520388
00-011(d)	Moderate	B002	B-SMA-1	CACompD	Complete with Controls	05/07/2013	NMED 2013, 522505
00-011(e)	Moderate	R005	R-SMA-2.3	Baseline	Complete with Controls	05/07/2013	NMED 2013, 522505
00-018(a)	High	P009	P-SMA-3.05	CACompD	Complete without Controls	01/28/2015	NMED 2015, 600178
00-018(b)	Moderate	P004	P-SMA-0.3	CACompD	Complete without Controls	01/14/2011	NMED 2011,111673
01-001(b)	Moderate	L007	LA-SMA-2.3	CACompD	Complete with Controls	09/10/2010	NMED 2010, 110667
01-001(c)	Moderate	L011	LA-SMA-4.2	Baseline	Complete with Controls	09/10/2010	NMED 2010, 110667
01-001(e)	High	L008	LA-SMA-3.1	Baseline	Complete with Controls	09/10/2010	NMED 2010, 110667
01-003(e)	High	L012A	LA-SMA-5.02	CACompD	Complete with Controls	09/10/2010	NMED 2010, 110667
01-006(d)	Moderate	L011	LA-SMA-4.2	Baseline	Complete with Controls	09/10/2010	NMED 2010, 110667
03-056(c)	High	S003	S-SMA-2	CACompD	Complete with Controls	02/18/2011	NMED 2011, 111821
04-001	Moderate	T010	T-SMA-7.1	Baseline	Complete without Controls	05/18/2015	NMED 2015, 600985
04-002	Moderate	T010	T-SMA-7.1	Baseline	Complete without Controls	05/18/2015	NMED 2015, 600985
04-003(b)	Moderate	T009	T-SMA-7	Baseline	Complete without Controls	05/18/2015	NMED 2015, 600985
05-001(a)	Moderate	M019	M-SMA-12.8	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-001(b)	Moderate	M020	M-SMA-12.9	CACompD	Complete without Controls	09/16/2015	NMED 2015, 600917
05-001(c)	Moderate	M022	M-SMA-13	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-002	Moderate	M020	M-SMA-12.9	CACompD	Complete without Controls	09/16/2015	NMED 2015, 600917
05-002	Moderate	M019	M-SMA-12.8	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-002	Moderate	M018	M-SMA-12.7	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-005(a)	Moderate	M018	M-SMA-12.7	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-006(b)	Moderate	M018	M-SMA-12.7	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
05-006(e)	Moderate	M018	M-SMA-12.7	Baseline	Complete without Controls	09/16/2015	NMED 2015, 600917
21-013(b)	Moderate	L019A	LA-SMA-5.92	CACompD	Complete with Controls	06/03/2011	NMED 2011, 203706
21-013(g)	Moderate	L019A	LA-SMA-5.92	CACompD	Complete with Controls	06/03/2011	NMED 2011, 203706

Site No.	Site Priority	Permitted Feature	Associated Site Monitoring Area Number	Stage	Corrective Action Complete Status	Date Issued	Reference
21-018(a)	Moderate	L019A	LA-SMA-5.92	CACompD	Complete with Controls	06/03/2011	NMED 2011, 203706
21-023(c)	Moderate	L019	LA-SMA-5.91	CACompD	Complete with Controls	06/03/2011	NMED 2011, 203706
32-003	Moderate	L017A	LA-SMA-5.362	Baseline	Complete with Controls	12/20/2012	NMED 2012, 521776
32-004	Moderate	L016	LA-SMA-5.33	CACompD	Complete with Controls	12/28/2012	NMED 2012, 521746
35-003(h)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-003(p)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-003(r)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-004(a)	Moderate	T007	T-SMA-5	Baseline	Complete without Controls	10/14/2015	NMED 2015, 600985
35-004(a)	Moderate	T006	T-SMA-4	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-004(h)	High	T001	Pratt-SMA-1.05	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-008	Moderate	M012	M-SMA-10	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-009(a)	Moderate	T006	T-SMA-4	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-009(a)	Moderate	T007	T-SMA-5	Baseline	Complete with Controls	10/14/2015	NMED 2015, 600985
35-009(d)	High	T001	Pratt-SMA-1.05	CACompD	Complete without Controls	10/24/2015	NMED 2015, 600985
35-010(e)	Moderate	T008	T-SMA-6.8	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-014(e)	Moderate	M012	M-SMA-10	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-014(e2)	High	M013	M-SMA-10.3	CACompD	Complete with Controls	09/27/2013	NMED 2013, 523693
35-014(g)	Moderate	T004	T-SMA-2.85	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-014(g3)	Moderate	T003	T-SMA-2.5	Baseline	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(a)	Moderate	T007	T-SMA-5	Baseline	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(b)	Moderate	T005	T-SMA-3	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(c)	Moderate	T006	T-SMA-4	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(d)	Moderate	T006	T-SMA-4	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(e)	Moderate	M012A	M-SMA-10.01	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(f)	Moderate	M011	M-SMA-9.1	Baseline	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(i)	High	M013	M-SMA-10.3	CACompD	Complete with Controls	09/27/2013	NMED 2013, 523693
35-016(k)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(l)	High	T001	Pratt-SMA-1.05	CACompD	Complete with Controls	10/14/2015	NMED 2015, 600985

Site No.	Site Priority	Permitted Feature	Associated Site Monitoring Area Number	Stage	Corrective Action Complete Status	Date Issued	Reference
35-016(m)	High	T001	Pratt-SMA-1.05	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(n)	Moderate	T004	T-SMA-2.85	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(o)	Moderate	M014	M-SMA-11.1	Baseline	Complete with Controls	10/14/2015	NMED 2015, 600985
35-016(p)	Moderate	M015	M-SMA-12	CACompD	Complete without Controls	10/14/2015	NMED 2015, 600985
35-016(q)	Moderate	T007	T-SMA-5	Baseline	Complete without Controls	10/14/2015	NMED 2015, 600985
39-001(b)	Moderate	A005	A-SMA-2.8	Baseline	Complete without Controls	04/06/2010	NMED 2010, 110430
39-002(c)	Moderate	A004	A-SMA-2.7	CACompD	Complete without Controls	04/06/2010	NMED 2010, 110430
43-001(b2)	Moderate	L004	LA-SMA-1.1	CACompD	Complete with Controls	09/10/2010	NMED 2010, 110667
45-001	Moderate	P002	ACID-SMA-2	CACompD	Complete without Controls	02/22/2013	NMED 2013, 522072
45-002	Moderate	P002	ACID-SMA-2	CACompD	Complete without Controls	02/22/2013	NMED 2013, 522072
45-004	Moderate	P002	ACID-SMA-2	CACompD	Complete without Controls	02/22/2013	NMED 2013, 522072
46-004(m)	Moderate	C003	CDB-SMA-0.55	CACompD	Complete without Controls	07/13/2012	NMED 2012, 520940
48-007(a)	Moderate	M006	M-SMA-4	CACompD	Complete with Controls	09/07/2010	NMED 2010, 110665
48-007(d)	Moderate	M006	M-SMA-4	CACompD	Complete with Controls	09/07/2010	NMED 2010, 110665
48-010	Moderate	M006	M-SMA-4	CACompD	Complete with Controls	09/07/2010	NMED 2010, 110665
53-001(b)	Moderate	S009	S-SMA-3.72	CACompD	Complete without Controls	07/31/2013	NMED 2013, 523159
53-002(a)	Moderate	L030	LA-SMA-10.11	Baseline	Complete with Controls	09/13/2006	NMED 2006, 095421
53-014	High	S011	S-SMA-4.1	CACompD	Complete without Controls	07/31/2013	NMED 2013, 523159
73-002	Moderate	P006	P-SMA-2	CACompD	Complete with Controls	08/13/2007	NMED 2007, 098441
73-006	Moderate	P006	P-SMA-2	CACompD	Complete with Controls	08/13/2007	NMED 2007, 098441
C-00-020	Moderate	R001	R-SMA-0.5	CACompD	Complete without Controls	05/16/2012	NMED 2012, 520388
C-46-001	Moderate	C004	CDB-SMA-1	CACompD	Complete without Controls	07/13/2012	NMED 2012, 520940

State of New Mexico
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BILL RICHARDSON
GOVERNOR

RON CURRY
SECRETARY

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

September 13, 2006

David Gregory, Federal Project Director
Los Alamos Site Operations
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, New Mexico 87544

David McInroy, Deputy Project Director
Environmental Services
Los Alamos National Laboratory
P.O. Box 1663
Mail Stop M992
Los Alamos, New Mexico 87545

SUBJECT: CERTIFICATES OF COMPLETION FOR SOLID WASTE MANAGEMENT UNITS 53-002(a) AND 53-002(b), TECHNICAL AREA 53 LOS ALAMOS NATIONAL LABORATORY
EPA ID # NM0890010515
HWB-LANL-04-002

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) is in receipt of the *Request for Certificates of Completion for Solid Waste Management Units 53-002(a) and 53-002(b),* dated August 15, 2006 and referenced by EP2006-0744.

Solid waste management unit (SWMU) 53-002(a) consists of two surface impoundments and SWMU 53-002(b) consists of one surface impoundment. Together, these two SWMUs comprise Consolidated Unit 53-002(a)-99. NMED has determined that the requirements of the March 1, 2005 Consent Order (Order) have been satisfied for these sites. NMED hereby issues a "Corrective Action Complete with Controls" certificate of completion for SWMUs 53-002(a) and 53-002(b) pursuant to Section VII.E.6.b of the Order. The control, as stated in the Permittees' approved TA-53 Investigation/Remediation Report, is that the land use remain industrial.

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The Permittees may now initiate a "Class 3 Permit Modification for Corrective Action Complete" pursuant to the terms of the Permit and Section III.W.3.b of the Order. If the Class 3 Permit Modification for Corrective Action Complete is granted, SWMUs 53-002(a) and 53-002(b) will be removed from the list of SWMUs requiring corrective action and placed on the "Corrective Action Complete with Controls" list. In accordance with Section III.W.3b, the controls will then be enforceable under the Permit.

If you have any questions, please contact Kathryn Chamberlain of my staff at (505) 428-2546.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

JPB:kmc

cc: K. Chamberlain, NMED HWB
D. Goering, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
L. King, EPA 6PD-N
N. Quintana, LANL E/ER, MS M992
A. Phelps, LANL ADEP, MS J591
file: Reading and LANL '06 TA 53: [SWMU 53-002(a) & 53-002(b)]

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ERID-98441

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ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

07 SEP 16 AM 8:16

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DIANE DENISH
Lieutenant Governor

RON CURRY
Secretary

CINDY PADILLA
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

August 13, 2007

David Gregory
Federal Project Director
Los Alamos Site Office
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, NM 87544

David McInroy
Remediation Services Deputy Project Director
Los Alamos National Laboratory
P.O. Box 1663, MS M992
Los Alamos, NM 87545

RE: 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, LOS ALAMOS NATIONAL LABORATORY (LANL),
EPA ID #NM0890010515
HWB-LANL-07-016

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security LLC's (LANS) (collectively, the Permittees) *Investigation Report for Consolidated Unit 73-002-99 and Corrective Action of Solid Waste Management Unit 73-002, at Technical Area 73* (Report), dated July 2007 and referenced by LA-UR-07-4479/EP2006-1079. NMED has reviewed this document and hereby issues this Notice of Approval.

Consolidated Unit (CU) 73-002-99 is comprised of the following Solid Waste Management Units (SWMUs) and Area of Concern (AOC):

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- SWMU 73-002 is a former incinerator and surface disposal area,
- AOC 73-003 is a former steam-cleaning facility (former building 00-1123) for garbage trucks,
- SWMU 73-004(a) is a former septic system that received sanitary waste from toilets and showers in the incinerator building,
- SWMU 73-004(b) was a concrete septic tank that discharged wash water from the steam-cleaning plant through a 6-in. vitrified clay pipe (VCP) drainline to an outfall on the slope of Pueblo Canyon and,
- SWMU 73-006 consisted of two drainlines that discharged to Pueblo Canyon from the incinerator.

NMED has determined that the requirements of the March 1, 2005 Order on Consent (Order) have been satisfied for these sites. This letter serves as a "Corrective Action Complete with Controls" certificate of completion for SWMUs 73-002, 73-004(a), 73-004(b), 73-006, and AOC 73-003 pursuant to Section VII.E.6.b of the Order.

Although levels of arsenic in discrete locations exceed applicable residential cleanup levels (e.g., 13.2 mg/kg at location 73-27314 at SWMU 73-002 and 13 mg/kg at location 73-02216 at SWMU 73-004(b)), these locations are virtually inaccessible to human or ecological receptors. However, the potential for transport of contaminants down gradient via storm water exists. The Permittees shall therefore install permanent and appropriate storm water controls, which will prevent the down gradient transport of contaminants via storm water. The Permittees must submit a work plan for installation of the storm water controls by September 30, 2007. The work plan shall include a description of all controls proposed for installation at CU 73-002-99 and a proposed inspection schedule for the proposed controls. If the Permittees choose to remove any soil/tuff containing arsenic concentrations above residential screening levels in the future, NMED will consider withdrawal of the control requirement.

Please contact Kathryn Roberts at (505) 476-6041 should you have any questions.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
K. Roberts, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
L. King, EPA 6PD-N
G. Rael, DOE LASO, MS A316
S. Stiger. ENV MS J591
file: Reading and LANL TA-50 '07 (SWMU; 50-009)

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DIANE DENISH
Lieutenant Governor

RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 23, 2008

David Gregory
Federal Project Director
Los Alamos Site Office
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, NM 87544

David McInroy
Remediation Services Deputy Project Director
Los Alamos National Laboratory
P.O. Box 1663, MS M992
Los Alamos, NM 87545

08 JAN 25 AM 11:51

RE: APPROVAL OF LOS ALAMOS NATIONAL LABORATORY PROPOSAL FOR NO FURTHER ACTION
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-02-019

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) has received and reviewed the United States Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS) (collectively, the Permittees) *Los Alamos National Laboratory Proposal for No Further Action*, dated September 2002 and referenced by LA-UR-02-5883/ER2002-0624. The Permittees provided additional information (via an email sent by Linda Nonno to Neelam Dhawan on October 2, 2007) subsequent to conferring with NMED.

NMED has reviewed the document and the additional information, and agrees that no further corrective action is necessary at solid waste management units (SWMUs) 03-011, 03-046, 16-026(f), 16-030(c) and 73-004(c). NMED concurs that the above mentioned SWMUs do not pose unacceptable risk to human health and the environment. NMED has determined that a corrective action complete without controls designation is appropriate for these SWMUs. However, if in the future any additional information becomes available that indicates that the site may pose a risk to human health or the environment, NMED will require the Permittees to conduct additional corrective action at these sites.

NMED is hereby providing this letter as a 'Certificate of Completion,' which satisfies the requirements outlined in the Section VII.E.6.b of the Consent Order. The Permittees may now request a Class 3 Permit Modification for Corrective Action Complete for SWMUs 03-011, 03-046, 16-026(f), 16-030(c) and 73-004(c) pursuant to terms of the Permit and Section III.W.3.b of the Consent Order, to remove these sites from the Module VIII of the Permit.

Please contact Neelam Dhawan of my staff at (505) 476-6042 should you have any questions.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
K. Roberts, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
G. Rael, DOE LASO, MS A316
S. Stiger ENV MS J591

File: LANL, NFA (SWMUs 03-011, 03-046, 16-026(f), 16-030(c) and 73-004(c)), 2008

BILL RICHARDSON
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Lieutenant Governor

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RON CURRY
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SARAH COTTRELL
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

'10 APR 7 AM9:3

April 6, 2010

George J. Rael
Environmental Operations Manager
Los Alamos Site Office
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3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Michael Graham
Associate Director Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS 991
Los Alamos, NM 87545

RE: APPROVAL
REQUEST FOR CERTIFICATES OF COMPLETION FOR TWO SOLID WASTE MANAGEMENT UNITS AND FIVE AREAS OF CONCERN IN THE NORTH ANCHO CANYON AGGREGATE AREA
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-022

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Two Solid Waste Management Units and Five Areas of Concern in North Ancho Canyon Aggregate Area* (Request), dated March 9, 2010 and referenced by EP2010-0117. Results of the associated site investigation were presented in the *Investigation Report for North Ancho Canyon Aggregate Area, Revision 1*, dated January 2010, and referenced by LA-UR-10-0125 and EP2010-0005.

SWMU 39-001(b) is an inactive disposal area consisting of three trenches that accepted debris from firing site SWMU 39-008, empty chemical containers, and office waste. Pit 1 was constructed in the late 1960s. Pit 2 was constructed parallel and directly next to Pit 1 and was

used from 1976 to 1981. Pit 3 was constructed directly south of the other two pits and was used from 1981 to 1989. In 2009, the Pits were located, excavated, and the contents were removed. Based on review of associated soil sample analytical data, the nature and extent of contamination at the site has been defined. The evaluation of potential human health and ecological risks from the site indicates SWMU 39-001(b) does not pose an unacceptable risk to human health or to ecological receptors.

AOC 39-002(c) is a former outdoor satellite accumulation are (SAA) that was located on asphalt-paved areas next to the southwest corner of the gas-gun support structure (39-56). This SAA stored waste paper, solvent-contaminated rags (ethanol, acetone, and trichloroethene), and vacuum grease. In 2009, the SAA was investigated and characterized. Based on review of associated soil sample analytical data, the nature and extent of contamination at the site has been defined. The evaluation of potential human health and ecological risks from the site indicates AOC 39-002(c) does not pose an unacceptable risk to human health or to ecological receptors.

AOC 39-002(d) is a former SAA that was removed from service, administratively closed, and is no longer used for storage. The site only operated as an SAA and met all regulatory requirements (20.4.1.300 NMAC) for SAAs.

AOC 39-002(e) is a former satellite accumulation area (SAA) that was removed from service, administratively closed, and is no longer used for storage. The site only operated as an SAA and met all regulatory requirements (20.4.1.300 NMAC) for SAAs.

AOC 39-002(f) is a former SAA located on the asphalt driveway outside the northeast corner of a support structure (39-88) for an active firing site (SWMU 39-004(e)). Before this area became a SAA, it was used to store small quantities of waste solvents (ethanol, acetone, and trichloroethene), copper sulfate, transformer oil, vacuum grease, and photographic wastes. Based on review of associated soil sample analytical data from 2009, the nature and extent of contamination at the site has been defined. The evaluation of potential human health and ecological risks from the site indicates AOC 39-002(f) does not pose an unacceptable risk to human health or to ecological receptors.

SWMU 39-005 is a former seepage pit used to dispose of HE-contaminated decant from operations at an explosives operations building (39-04). The seepage pit measured approximately 5-ft x 5-ft x 7-ft and was not lined or otherwise contained. The gravel and HE-contaminated soil that comprised the pit were removed in 1986. Based on review of associated soil sample analytical data from 2009, the nature and extent of contamination at the site has been defined. The evaluation of potential human health and ecological risks from the site indicates SWMU 39-005 does not pose an unacceptable risk to human health or to ecological receptors.

AOC 39-007(d) is a storage area (structure 39-142) consisting of a bermed asphalt pad covered with a metal roof. A valved drainpipe discharged stormwater from the bermed area across the access road toward the Ancho Road drainage. The area was initially used to store metal and at times, drums of silicon transformer oil. Later it was used as a SAA where chemicals, including dielectric fluid, ethylene glycol, solvents, and kerosene were stored. The SAA was removed in

the 1990s, but the storage area continued to be used to store nonhazardous materials such as cable and wire. Based on review of associated soil sample analytical data from 2009, the nature and extent of contamination at the site has been defined. The evaluation of potential human health and ecological risks from the site indicates AOC 39-007(d) does not pose an unacceptable risk to human health or to ecological receptors.

NMED has determined that the requirements of the Consent Order have been satisfied and the aforementioned sites qualify for "Corrective Action Complete Without Controls" status. This letter serves as the certificate of completion for SWMUs 39-001(b) and 39-005, and AOCs 39-002(c), 39-002(d), 39-002(e), 39-002(f), and 39-007(d) pursuant to Section VII.E.6.b of the Consent Order.

If, in the future, any additional information becomes available that indicates that one or more of these sites may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at these sites.

Please contact Kathryn Roberts at (505) 476-6041 should you have any questions.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
K. Roberts, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
L. King, EPA 6PD-N
S. Schulman, DOE-LASO, MS A316
L. Nonno, EP-WES-EDA, MS M992
J. McCann, EP-CAP, MS M992
D. McInroy, EP-CAP, MS M992
file: Reading and LANL TA-39 '10 (SWMUs: 39-001(b) and 39-005, AOCs: 39-002(c), 39-002(d), 39-002(e), 39-002(f), and 39-007(d))

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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

September 7, 2010

George J. Rael, Federal Projects Director
Environmental Projects Office
U.S. Department. of Energy / National
Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Road, MS A316
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Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

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IRM RMMSO Record Copy

RE: CERTIFICATES OF COMPLETION
UPPER MORTANDAD CANYON AGGREGATE AREA
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-055

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Three SWMUs and Three AOCs in the Upper Mortandad Canyon Aggregate Area* (Request), dated July 01, 2010 and referenced by EP2010-01293. Results of the site investigations were presented in the *Investigation Report for the Upper Mortandad Canyon Aggregate Area, Revision 1,* dated April 2010.

The Permittees have satisfied the requirements of the March 1, 2005 Consent Order for corrective action at the following solid waste management units/ areas of concern (SWMUs/AOCs) and the sites qualify for "Corrective Action Complete".

1. AOC 03-041 is an underground holding tank for industrial low-level radioactive wastewater. The tank is a 15 ft x 20 ft x 15ft double-walled fiberglass corrosion-proof

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tank with a leak-detection system. It is located in a below grade concrete-lined vault and the base of the vault is 15 ft below ground surface. Although it is currently on active status, it has never been used. Investigations conducted during 2009 defined the nature and extent of contamination. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by AOC 03-041. NMED hereby issues the Certificate of Completion for AOC 03-041pursuant to Section VII.E.6.b of the Consent Order. Controls are not required at the site.

2. AOC 48-002(e) was a container storage area located on the east side of building 48-0001. The storage area is mostly paved except for a small portion of soil left unpaved to allow access to underground utilities. Investigations conducted during 1993, 1997, and 2009 defined the nature and extent of contamination at the site. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by the site. NMED hereby issues the Certificate of Completion for AOC 48-002(e) pursuant to Section VII.E.6.b of the Consent Order. Controls are not required at the site

3. SWMU 48-007(a) is an outfall formerly used to discharge treated cooling tower blowdown from two cooling towers. Water used in these cooling towers was treated to control scale, corrosion, and biological growth. The outfall was formerly listed on the National Pollutant Discharge Elimination System (NPDES) permit but was removed from the NPDES permit in 1999. Investigations conducted during 1993 and 2009 defined the nature and extent of contamination at the site. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by the site. Storm water continues to flow through the outfall and may mobilize the residual contamination at the site. The SWMU is monitored under the current NPDES permit. The control for the site is continuation of storm water monitoring under NPDES permit for potential transportation of residual contamination. NMED hereby issues the Certificate of Completion for SWMU 48-007(a) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

4. SWMU 48-007(d) is an outfall formerly used to discharge noncontact cooling water that cooled a vacuum pump. The outfall was formerly listed on the NPDES permit, but was removed from the permit in 1998. Investigations conducted during 1993 and 2009 defined the nature and extent of contamination at the site. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by the site. Storm water continues to flow through the outfall and may result in mobilization of the residual contamination at the site. The SWMU is monitored under the current NPDES permit. The control for the site is continuation of storm water monitoring under NPDES permit for potential transportation of residual contamination. NMED hereby issues the Certificate of Completion for SWMU 48-007(d) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

5. SWMU 48-010 is an unlined surface impoundment that received discharge from SWMUs 48-007(a) and 48-007(d). Investigations conducted during 1993, 1995, and 2009 defined

the nature and extent of contamination at the site. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by the site. Storm water continues to flow across the site and it is monitored under current NPDES permit. The control for the site is continuation of storm water monitoring under NPDES permit for potential transportation of residual contamination. NMED hereby issues the Certificate of Completion for SWMU 48-010 pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

6. AOC 48-012 is a small area of stained soil that was discovered during routine trenching operations conducted in 2002. The site was reported as a one-time spill. Removal of the contaminated soil was conducted as a voluntary corrective action in 2002. Additional samples were collected in 2009 to define the nature and extent of contamination. Evaluation of human health risk indicates that there is potential unacceptable risk posed by the site under residential scenario, but not under the industrial and construction worker scenario. There are no complete exposure pathways to ecological receptors. The control for the site is industrial land use, the site cannot be used for residential purposes. NMED hereby issues the Certificate of Completion for AOC 48-012 pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

If new information becomes available that indicates that these sites may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at these sites. Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

BRZ:nmd

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
C. Rodriguez, DOE LASO, MS A316
K. Rich, LANS, EP-CAP, MS M992

File: 2010 LANL, Certificates of Completion Upper Mortandad Aggregate Area (AOC 03-041, AOC 48-002(e), SWMU 48-007(a), SWMU 48-007(d), & SWMU 48-010).

NEW MEXICO ENVIRONMENT DEPARTMENT

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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

U1001916
IRM RMMSO Record Copy

September 10, 2010

George J. Rael, Federal Projects Director
Environmental Projects Office
U.S. Department. of Energy / National
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Los Alamos Site Office
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Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

RE: CERTIFICATES OF COMPLETION
UPPER LOS ALAMOS CANYON AGGREGATE AREA
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-056

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Sixteen SWMUs and Nine AOCs in the Upper Los Alamos Canyon Aggregate Area* (Request), dated June 15, 2010 and referenced by EP2010-01284. Results of the site investigations were presented in the *Investigation Report for the Upper Los Alamos Canyon Aggregate Area, Revision 1,* dated February 2010.

The Permittees have satisfied the requirements of the March 1, 2005 Consent Order for corrective action at following solid waste management units/ areas of concern (SWMUs/AOCs). The sites qualify for Corrective Action Complete without Controls status.

1. AOC 00-031(a) is the potentially contaminated soil beneath a former service station. Historical information and investigations conducted during 2008-2009 confirmed that the

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underground storage tanks (USTs) were no longer in place and the analytical results indicated that no residual contamination related to the tanks is present at the site. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by AOC 00-031(a). NMED hereby issues this Certificate of Completion for AOC 00-031(a) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

2. AOC 00-034(b) was a suspected pit identified from a 1946 aerial photograph. Based on interviews and examination of aerial photographs it was determined that the identified pit was actually a staging area for soil or tuff fill material used for building roads and home sites and it was never used for land disposal of waste. No documentation of the pit was found. Based on the information provided by the Permittees, NMED has determined that the site does not need further corrective action. NMED hereby issues this Certificate of Completion for AOC 00-034(b) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

3. SWMU 01-001(t), known as the eastern sanitary waste line, served several former buildings. Currently, the entire SWMU area is either landscaped or beneath streets, parking lots, and commercial buildings. Investigations were conducted in 1993 and 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 01-001(t). NMED hereby issues this Certificate of Completion for SWMU 01-001(t) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

4. SWMU 01-001(u) is a branch of the western sanitary waste line that served former building J-2. Based on field screening and soil sample data collected during the radiological survey conducted in 1974-76, the site was not considered contaminated. Currently, the entire SWMU area is beneath residential buildings, parking lots, and a wooded area behind residential buildings. No piping was encountered during the 1994 borehole drilling. Investigations were conducted in 1994 and 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 01-001(u). NMED hereby issues this Certificate of Completion for SWMU 01-001(u) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

5. AOC 01-003(c) was a surface disposal area located below the north rim of Los Alamos Canyon. During 1988 and 1996 site visits, no debris was located. During 1996 a few scattered pieces of nonhazardous debris were found near the site. Another site visit was conducted during 2008-2009, revealing that the area is bare with boulders; no debris was observed on the cliff face. The site does not exist anymore. NMED hereby issues this Certificate of Completion for AOC 01-003(c) pursuant to Section VII.E.6.b of the

Consent Order. Based on the information provided, no controls are necessary for this site.

6. AOC 01-006(g) is a storm drainage system that served several buildings and discharged to Los Alamos Canyon. The entire area where drainlines were located has been regraded and developed for residential use. Investigations were conducted in 1992 and 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by AOC 01-006(g). NMED hereby issues this Certificate of Completion for AOC 01-006(g) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

7. SWMU 01-006(o) is a storm drainage system that served several buildings and discharged to Los Alamos Canyon. The entire area where drainlines were located has been completely regraded and rebuilt. Currently, the majority of the SWMU area is located beneath pavement and residential buildings. Investigations were conducted in 1992 and 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 01-006(o). NMED hereby issues this Certificate of Completion for SWMU 01-006(o) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

8. SWMU 01-007(d) refers to four areas of suspected subsurface soil radiological contamination between buildings because of overflow of an industrial waste line in 1946. After the overflow all contaminated soil that could be removed was excavated and gravel was spread over the area. Investigations were conducted in 1994 and 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 01-007(d). NMED hereby issues this Certificate of Completion for SWMU 01-007(d) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

9. SWMU 01-007(e) refers to suspected subsurface soil radiological contamination within the footprint of the former Sigma Building. Contaminated soil was excavated from three small areas within the footprint of Sigma Building. Investigations were conducted in 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 01-007(e). NMED hereby issues this Certificate of Completion for SWMU 01-007(e) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

10. SWMU 03-009(j) is a surface disposal area located west of warehouse 03-142. Interviews with site workers indicated that the soil fill contained construction debris. The site was never used for management of hazardous waste or hazardous constituents. The

area is partially covered by a paved road/parking lot. Investigations were conducted in 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 03-009(j). NMED hereby issues this Certificate of Completion for SWMU 03-009(j) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

11. SWMU 32-001 is the location of a former incinerator that was removed in 1954. It received combustible wastes from a medical research facility; the ash from the incinerator was disposed off-site. Investigations were conducted in 1993, 1996, and 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 32-001. NMED hereby issues this Certificate of Completion for SWMU 32-001 pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

12. SWMU 41-001 is an inactive septic system that received sanitary waste from a guard house. Investigations were conducted in 1995, 2000, and 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 41-001. NMED hereby issues this Certificate of Completion for SWMU 41-001 pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

The following sites have been investigated and found to pose no unacceptable risk under current and proposed future land use. The sites require controls and are eligible for Corrective Action Complete status with Controls.

13. SWMU 01-001(b), septic tank 135, served two former buildings that were determined by the Laboratory to be free of contamination in 1964. A radiological survey was conducted in 1974-76 that indicated that the tank and drainlines were not contaminated. The tank and drainlines were removed during 1974-1976 survey. Further investigations were conducted in 1992 and 2008-2009 to define the nature and extent of contamination, if any. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by the site. However, storm water discharge may mobilize residual contamination from the site. The Permittees must institute a control on the site by monitoring storm water discharge for potential transport of residual contamination. This is currently being accomplished under the National Pollutant Discharge Elimination System (NPDES) "Stormwater" Permit. NMED hereby issues this Certificate of Completion for Corrective Action Complete with Controls for SWMU 01-001(b) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

14. SWMU 01-001(c), septic tank 137, served former building D-2. The tank and its outfall were removed in 1975. Contaminated soil around the tank, drainlines and building D-2

were also removed in 1975. Investigations to define the nature and extent were conducted in 1992, 1993, and 2008-2009. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 01-001(c). However, storm water discharge may mobilize residual contamination from the site. The Permittees must institute a control on the site by monitoring storm water discharge for potential transport of residual contamination. This is currently being accomplished under the NPDES "Stormwater" Permit. NMED hereby issues this Certificate of Completion for SWMU 01-001(c) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

15. SWMU 01-001(e), septic tank 139, served three former buildings. The tank became inactive in 1965 and was left in place. The tank was not located during the 1974-76 radiological survey and it was concluded that the tank had been previously removed. The entire SWMU area is under roads, residential buildings, driveways and sidewalks. Investigations were conducted in 1992 and 2008-2009 of the accessible areas. Evaluation of human health and ecological risk conducted on samples collected from accessible areas indicates that there is no potential unacceptable risk posed by SWMU 01-001(e). However, storm water discharge may mobilize residual contamination from the site. The Permittees must monitor storm water discharge for potential transport of residual contamination. This is currently being accomplished under the NPDES "Stormwater" Permit. Additionally, the Permittees must investigate the areas of potential contamination that are currently inaccessible due to the presence of structures when they become accessible. The controls for the site are to monitor the storm water discharge for potential transport of contamination from the site, and to prevent exposure of receptors to potential subsurface contamination. This latter control is accomplished so long as the existing structures remain intact. NMED hereby issues this Certificate of Completion for SWMU 01-001(e) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned controls.

16. SWMU 01-003(e) was a surface disposal area located along the northern wall of Los Alamos Canyon. Concrete construction debris, piping, and other miscellaneous objects were observed at the site in the past. A major portion of this site is under fill material brought in by the private owner to extend the canyon rim farther south. Investigations were conducted in 1992 and 2008-2009 to define the nature and extent of contamination. Evaluation of human health and ecological risks indicate that there is no potential unacceptable risk posed by SWMU 01-003(e). However, storm water discharge may mobilize residual contamination from the site. The Permittees must institute a control on the site by monitoring storm water discharge for potential transport of residual contamination. This is currently being accomplished under the NPDES "Stormwater" Permit. NMED hereby issues this Certificate of Completion for SWMU 01-003(e) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

17. SWMU 01-006(d) is a drainline and associated outfall that served Building D-3 and discharged to hillside 137. Investigations were conducted in 1992, 1993, and 2008-2009

to define the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 01-006(d). However, storm water discharge may mobilize residual contamination from the site. The Permittees must institute a control on the site by monitoring storm water discharge for potential transport of residual contamination. This is currently being accomplished under the NPDES "Stormwater" Permit. NMED hereby issues this Certificate of Completion for SWMU 01-006(d) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

18. SWMU 01-007(j) consists of twelve areas of suspected subsurface soil radiological contamination. These are small isolated contaminated areas in former Technical Area 1 discovered during a radiological survey conducted in 1976. Most of the contaminated soil was removed. These areas are developed with buildings, sidewalks, and roads. Investigations were conducted in 2008-2009 to define the nature and extent of contamination of accessible areas. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by SWMU 01-007(j). The Permittees must address the potential contamination beneath the structures when buildings and roadways are demolished or otherwise become accessible. The control for the site is to prevent exposure to receptors from potential subsurface contamination, which is accomplished so long as the existing structures remain intact. NMED hereby issues this Certificate of Completion for SWMU 01-007(j) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

19. AOC 01-007(k) was a suspected soil contamination area located near the U and W buildings. The area is now developed and contains structures and parking lots. Investigations were conducted in 1993 and 2008-2009 to define the nature and extent of contamination in accessible areas. Evaluation of human health and ecological risk indicates that there is no potential unacceptable risk posed by AOC 01-007(k). The Permittees must investigate the areas beneath the structures for potential contamination at the time of demolition of these structures. The control for the site is to prevent exposure to receptors from potential subsurface contamination, which is accomplished so long as the existing structures remain intact. NMED hereby issues this Certificate of Completion for AOC 01-007(k) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

20. AOC 03-008(a) is a firing site that was decommissioned in 1949. Review of engineering drawings and aerial photographs indicates that site would have been located near the intersection of Diamond Drive and Jemez Road and is no longer discernible. Currently the site is overlain by a parking garage. The Permittees must address the potential contamination beneath the site when the parking lot is decommissioned. The control for the site is to prevent exposure to receptors from potential subsurface contamination, which is accomplished so long as the existing structures remain intact. NMED hereby issues this Certificate of Completion for AOC 03-008(a) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

21. AOC 43-001(b2) is a storm-drain outfall. It was permitted under the Laboratory's NPDES permit and was removed from the permit on January 11, 1999. Investigations conducted in 2008-2009 defined the nature and extent of contamination. Evaluation of human health and ecological risk indicates that there are potential unacceptable risks under the residential scenario. However, there is no potential unacceptable risk posed under the recreational scenario. The current and reasonably foreseeable future land use for the site is recreational; the control is that the site cannot be used for residential purposes. NMED hereby issues this Certificate of Completion for SWMU 43-001(b2) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

Certificates of Completion are not issued for the following sites because the Permittees have not demonstrated that they do not pose unacceptable risk to human health or environment based on the current applicable standards.

22. AOC 00-031(b), is the potentially contaminated soil associated with the Zia Company motor pool facility. Two USTs and associated piping were removed in 1994. Soil contaminated with petroleum hydrocarbons was removed and the excavation was backfilled and compacted. The Permittees must submit human health and ecological risk evaluations for NMED review and approval. The results of the risk evaluations may be included in the Upper Los Alamos Canyon Aggregate Area Phase II investigation report. NMED hereby denies the Certificate of Completion for the site.

23. AOC C-00-042 was a 2500-gallon steel waste-oil UST associated with the former automotive maintenance hanger at the Zia Company motor pool facility. The hanger was decommissioned and removed in 1962, and the land was subsequently transferred to Los Alamos County in 1967. The area was covered with fill material and asphalt. The tank and surrounding soil were removed in 1995 during VCA activities. The Permittees must conduct human health and risk evaluations using current standards. The results of the risk evaluations may be included in the Upper Los Alamos Canyon Aggregate Area Phase II investigation report. NMED hereby denies the Certificate of Completion for the site.

24. SWMU 01-002 is an outfall and associated industrial waste line that is located in the southern and western portion of Technical Area 1. Several former buildings with various processes discharged waste to the industrial waste lines. In 2000, the SWMU was split into two portions: the waste line portion of the SWMU was designated SWMU 01-002(a)-00, and the outfall was designated as SWMU 01-002(b)-00. For investigation purposes SWMU 01-002(b)-00 was included in the consolidated unit 45-001-00. The Permittees have completed corrective action at SWMU 01-002(a)-00. However, NMED will not issue the Certificate of Completion for the site until risk assessments are conducted by comparing contaminant concentrations to current standards for both sites. NMED hereby denies the certificate of completion for SWMU 01-002.

25. SWMU 01-007(l) is an area of potentially contaminated fill material located under Trinity Drive. The fill material is suspected of containing construction debris and other potentially radioactively contaminated soil from the Building D area. Investigations were conducted in 1993 and 1996. Currently, the site is overlain by Trinity Drive. The Permittees must conduct risk assessments using current standards and demonstrate that the site does not pose an unacceptable threat to human health or the environment. NMED hereby denies the Certificate of Completion for the site.

If new information becomes available that indicates that these sites may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at these sites.

Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

BRZ:nmd

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
C. Rodriguez, DOE LASO, MS A316

File: 2010 LANL, Certificates of Completion, Upper Los Alamos Canyon Aggregate Area SWMUs/AOCs

SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO ENVIRONMENT DEPARTMENT

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DAVE MARTIN
Cabinet Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 14, 2011

George J. Rael, Assistant Manager
Environmental Projects Office
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3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Michael J. Graham
Associate Director Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

RE: CERTIFICATE OF COMPLETION
PUEBLO CANYON AGGREGATE AREA
AREA OF CONCERN (AOC) 00-018(b)
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-096

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificate of Completion for Area of Concern 00-018(b), Bayo Wastewater Treatment Plant, Pueblo Canyon Aggregate Area*, dated December 10, 2010. Results of the associated facility demolition were presented in the *Demolition Documentation Report for the Bayo Canyon Wastewater Treatment Plant, Area of Concern 00-018(b)*, dated April 2010, and referenced by LA-UR-10-2076 and EP2010-0138.

AOC 00-018(b) is the former Bayo Canyon municipal wastewater treatment plant (WWTP) that was owned and operated by Los Alamos County. The Bayo WWTP was demolished by the County between October 2009 and February 2010. Although the evaluation of potential human health and ecological risks from the site indicated that AOC 00-018(b) does not pose an unacceptable risk to human health or to ecological receptors as presented and discussed in the July 2008 *Investigation Report for Pueblo Canyon Aggregate Area Revision 1* (LA-UR-08-4765 and EP2008-0391), NMED required the Permittees to observe and document demolition of the plant to ensure that contaminant releases had not occurred or were not present beneath site structures.

NMED has determined that the requirements of the Consent Order have been satisfied and the site qualifies for "Corrective Action Complete Without Controls" status. NMED hereby issues this certificate of completion for AOC 00-018(b) pursuant to Section VII.E.6.b of the Consent Order.

If, in the future, any additional information becomes available that indicates that the site may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at the site.

Please contact Daniel Comeau at (505) 476-6043, should you have any questions.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
D. Comeau, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
B. Coel-Roback, LANL, EP-CAP, MS M992
C. Rodriguez, DOE-LASO, MS A316

File: LANL Pueblo Canyon Aggregate Area, AOC 00-018(b), Certificate of Completion -- 2011

NEW MEXICO ENVIRONMENT DEPARTMENT

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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

February 18, 2011

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RE: **CERTIFICATES OF COMPLETION**
UPPER SANDIA CANYON AGGREGATE AREA
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-099

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Eight Solid Waste Management Units and Sixteen Areas of Concern in the Upper Sandia Canyon Aggregate Area* (Request), dated December 6, 2010 and referenced by EP2010-0540. Results of the site investigations were presented in the *Investigation Report for the Upper Sandia Canyon Aggregate Area, Revision 1,* dated October 2010.

The Permittees have satisfied the requirements of the March 1, 2005 Consent Order for corrective action at the following Solid Waste Management Units/Areas of Concern (SWMUs/AOCs).

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1. **SWMU 03-003(c)** is the location of a former temporary equipment storage area for used dielectric fluids and capacitors adjacent to the former building 03-287 at TA-3. Building 03-287 was constructed between 1966 and 1968 and used for experiments until the mid-1980s. The sealed capacitors containing non-polychlorinated biphenyl (PCB) dielectric oil were temporarily stored in this area. Before the remodeling of building 03-287 in late 1992 and early 1993, a single surface sample was collected and analyzed for PCBs; no PCBs were detected. Samples of asphalt and fill collected in 2001 indicated the presence of PCBs. In 2003 and 2004, building 03-287 underwent decommissioning that included removal of the building and all of the asphalt paving and fill directly beneath the asphalt including location of SWMU 03-003(c). The entire area was graded and leveled, and approximately 10 ft of clean fill was placed over the entire site to accommodate construction of a new facility. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by SWMU 03-003(c). NMED hereby issues this Certificate of Completion for SWMU 03-003(c) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

2. **AOC 03-003(n)** is the location of a one-time PCBs spill in the salvage yard at Technical Area (TA)-3. With the exception of two small areas, most of the area is asphalt-paved. The salvage yard was used to store transformers, electrical equipment, batteries, and scrap metal. In 1977, a transformer ruptured and spilled approximately 10 gallons of PCB-contaminated oil into the soil. The salvage operation and material were moved to a building in 1993. Investigations conducted in 1994 and 2009 defined the nature and extent of contamination. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by AOC 03-003(n). NMED hereby issues this Certificate of Completion for AOC 03-003(n) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

3. **AOC 03-003(o)** is the location of a former capacitor bank that was used for experiments in former building 03-287 at TA-3. The sealed capacitors contained non-PCB dielectric fluid oil; each of the associated spark gap switches at the building 03-287 required approximately two quarts of non-PCB mineral oil for electrical insulation. The experiment was decommissioned in mid-1980s and all of the capacitors were removed from the building. Oil samples from spark gap switches and swipe samples from the surfaces within the building were collected and analyzed for PCBs. PCBs were detected at concentrations of less than two parts per million. In 2003 and 2004, building 03-287 underwent decommissioning that included removal of the building all the asphalt paving and fill directly beneath the asphalt including location of SWMU 03-003(c). The entire area was graded and leveled, and approximately 10 feet of clean fill was placed over the entire site to accommodate construction of a new facility. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by AOC 03-003(o). NMED hereby issues this Certificate of Completion for AOC 03-003(o)

pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

4. **SWMU 03-014(q)** is the treated effluent storage tank located at the TA-3 power plant. Between 1951 and 1985, the tank received and stored effluent from the former wastewater treatment plant, for use as cooling water for the power plant cooling towers. The effluent was pumped to the holding tank and treated with chromate to hinder bacterial growth. The tank currently receives treated effluent from the TA-46 Sanitary Wastewater Systems Consolidation Plant to use at the power plant. The effluent is treated in a wastewater neutralization tank to adjust pH before use and subsequent discharge to an outfall. Investigations were conducted in 2009 indicating that there is no potential unacceptable risk posed by SWMU 03-014(q) to human health or ecological receptors. NMED hereby issues this Certificate of Completion for SWMU 03-014(q) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

5. **AOC 03-014(v)** is the location of a former floor drain within building 03-36, that was installed in 1953 and connected to the sanitary sewer line tied to the former waste water treatment plant at TA-3. Building 03-36 and the soil beneath its footprint were removed in 1999. The area was further excavated to a depth of approximately 15 ft below grade to accommodate the foundation of new building. The depth of the excavation was approximately 8 ft deeper than the two confirmation samples collected in 1999. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by AOC 03-014(v). NMED hereby issues this Certificate of Completion for AOC 03-014(v) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

6. **AOC 03-027** is comprised of two former concrete-block lined lift wells located beneath the hydraulic lifts at a former garage (building 03-36) at TA-3. The lift wells collected floor wash water that contained residual oil and rinse water containing nitric acid. The garage was removed in 1999 for the construction of a new building. Building 03-36 and the soil beneath its footprint were removed in 1999. After demolition of the building in 1999, nine fill and tuff samples were collected from six locations within the footprint of the former lift wells. The area was further excavated to a depth of approximately 15 ft below grade to accommodate the foundation of new building. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by AOC 03-027. NMED hereby issues this Certificate of Completion for AOC 03-027 pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

7. **SWMU 03-028** is a former 12 ft x 15 ft x 6 ft deep concrete holding pond that was located at the northeast corner of the former asphalt batch plant. The site was used as a settling pond for mineral dust and particulates from gravel captured by scrubber water from the asphalt batch plant. Sediment from the bottom of the holding pond was

periodically removed and disposed of in a former landfill located southeast of the plant. Water from the pond was recycled to the scrubber system and replenished with potable water. During decommissioning of the asphalt batch plant in 2003, the pond sediment and water was removed from the pond, the pond filled with clean soil and gravel, and the surface of the site paved with asphalt for use as a parking lot. Results of an investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for SWMU 03-028 pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

8. **SWMU 03-036(a)** is the location of two former asphalt emulsion product tanks at the former TA-3 asphalt batch plant. The tanks were 25 to 30 ft in diameter and 8 to 12 ft high. The tanks were located within a soil-bermed secondary containment area. Spills that occurred from plant operations were contained within the bermed area. Both tanks were removed and disposed of at the Los Alamos County Landfill in 1988 or 1989, as was soil around and beneath the tanks. The surface of the site was paved with asphalt for use as a parking lot in 2003. Results of investigations conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for SWMU 03-036(a) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

9. **AOC 03-036(b)** is a former location of two 25- to 50-gallon aboveground storage tanks located at the former asphalt batch plant at TA-3. The tanks were surrounded by 3-ft soil berm and stored kerosene and No. 2 diesel fuel. The use of the tanks started in 1960. In 2002, the tanks, the soil berm, and stained soils were removed during decommissioning of the asphalt batch plant. Results of the investigation conducted in 2003 and 2009 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 03-036(b) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

10. **SWMU 03-036(c)** is the location of two former asphalt emulsion storage tanks at the former TA-3 asphalt batch plant. The tanks were removed and disposed of at the Los Alamos County Landfill. The inspection of tanks indicated that the tanks had not leaked. The asphalt batch plant was decommissioned in 2002. In 2003, the site was paved with asphalt for use as a parking lot. Results of an investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for SWMU 03-036(c) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

11. **SWMU 03-036(d)** is the location of two former asphalt emulsion storage tanks (former structures 03-75 and 03-76) at the former TA-3 asphalt batch plant. The tanks were

removed and disposed of at the Los Alamos County landfill. The inspection of tanks indicated that the tanks had not leaked. The asphalt batch plant was decommissioned in 2002. In 2003, the site was paved with asphalt for use as a parking lot. Results of an investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for SWMU 03-036(d) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

12. **AOC 03-038(c)** is a 2-in cast-iron drainline that formerly carried rinse solution from a copper electroplating bath to an industrial waste line. Plating and acid solutions were washed of the circuit boards and down the drain. The electroplating bath initially operated in the 1960s and ceased operations in the early 1970s. The drainpipe was cut and capped inside the wall to make it inaccessible. Results of an investigation conducted in 2009 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 03-038(c) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

13. **AOC 03-043(a)** is a former 20,000-gal aboveground storage tank, installed in 1948 at the former asphalt batch station at TA-3. The tank was removed in 1963 and disposed of at the Los Alamos County Landfill, and replaced by another storage tank (AOC 03-043(f)). In 2003, the surface was paved with asphalt for use as a parking lot. Results of an investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 03-043(a) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

14. **AOC 03-043(b)** is the location of a former 10, 000-gallon aboveground asphalt emulsion storage tank, installed in 1948 at the former TA-3 asphalt batch plant. In 1980, the tank was removed and disposed of at the Los Alamos County Landfill, as was stained soil observed beneath and around the tank. The asphalt batch plant was decommissioned in 2002. In 2003, the surface of the site was paved with asphalt for use as a parking lot. Results of an investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 03-043(b) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

15. **AOC 03-043(d)** is the former aboveground asphalt storage tank (former structure 03-76) at the former asphalt batch plant at TA-3. The tank was removed and disposed of at the Los Alamos County Landfill in 1988 or 1989. The surface of the site was paved with asphalt for use as a parking lot in 2003. Results of an investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 03-

043(d) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

16. **AOC 03-043(f)** is the location of a former aboveground storage tank (former structure number 03-178) at the former asphalt batch station at TA-3. The tank was removed, disassembled, disposed of at Los Alamos County Landfill. In 2003, the surface was paved with asphalt for use as a parking lot. The potential soil contamination associated with the former tank was included in the investigations conducted at SWMUs 03-036(c) and 03-036(d). Results of the investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 03-043(f) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

17. **AOC 03-043(g)** is the location of a former aboveground asphalt storage tank (former structure number 03-335) at the former asphalt batch station at TA-3. The tank was removed and disposed of at the Los Alamos County Landfill. In 2003, the surface was paved with asphalt for use as a parking lot. Results of an investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 03-043(g) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

18. **AOC 03-043(h)** is the former aboveground asphalt storage tank (former structure 03-75) at the former asphalt batch plant at TA-3. The tank was removed and disposed of at the Los Alamos County Landfill in 1988-1989. The surface of the site was paved with asphalt for use as a parking lot in 2003. Results of an investigation conducted in 2003 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 03-043(h) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

19. **AOC 03-047(d)** is the location of a former container storage area at TA-3. The storage area consisted of an asphalt pad where drums of new motor oil, used oil, and Stoddard solvent were stored from 1954-1989. The asphalt pad was removed when the area was decommissioned in 1989. Investigations conducted in 1995 indicated that the residual contamination posed no unacceptable risk to human health and ecological receptors. In 2002, before the installation of a concrete pad, soil was excavated within the boundary of AOC 03-047(d). Two days later, a waterline ruptured at the TA-3 power plant and eroded all remaining soil/fill, including the 1995 sampling locations. The location of the AOC 03-047(d) was backfilled with more than five ft of clean fill to bring the site back up to grade. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed by the site. NMED hereby issues this Certificate of

Completion for AOC 03-047(d) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

20. **SWMU 03-056(l)** is the location of a former outdoor storage area at TA-3. Containers of disposable clothing contaminated with beryllium powder and carboys used to store beryllium powder in water were reportedly staged at this location before disposal. There are no documented releases from the drums or carboys to the environment. Results of the investigations conducted in 2003 and 2009 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for SWMU 03-056(l) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

21. **AOC C-03-016** is a former oil cleanout bin that was located north of the former asphalt batch plant at TA-3. The bin was approximately 4 ft x 16 ft x 3 ft deep, had a hinged lid, and was buried with the top flush to the ground surface. The bin was installed in the mid-1970s and contained used asphalt emulsion oil. In the late 1980s, the stained area surrounding the bin was removed. Clean sand and gravel was placed around the bin. The bin and stained soils around the bin were removed in the late 1990s. In 2003, the surface of the site was paved with asphalt for use as a parking lot. Results of investigations conducted in 2003 and 2009 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC C-03-016 pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

22. **AOC 60-004(b)** is a former storage area at TA-60 for 12 containers of diesel sludge removed from underground tanks at the TA-3 power plant. The containers were staged at this area in 1988. Results of investigations conducted in 1994 and 2009 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 60-004(b) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

23. **AOC 60-004(d)** is the location of a former storage area at TA-60. The containers were staged at this area in 1988. The area was formerly used to temporarily stage drums containing fluids removed from underground storage tanks. Decommissioned underground storage tanks were also dismantled at this location. The storage area was first used in 1979. Results of investigations conducted in 1994 and 2009 indicate that there is no potential unacceptable risk posed by the site to human health or ecological receptors. NMED hereby issues this Certificate of Completion for AOC 60-004(d) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

The following site is eligible for Corrective Action Complete with Controls.

24. **SWMU 03-056(c)** is an inactive outdoor transformer storage area located at TA-3. The area was used to store electrical equipment, capacitors, and transformers with PCB-containing dielectric oils. Waste solvents used to clean electric equipment were also stored at this location. Investigations and remedial actions were conducted at the site in 1994, 1995, 2000, and 2001. The nature and extent of contamination was defined and confirmatory sample results indicated that the site met the Environmental Protection Agency's PCB cleanup criterion of less than 1 part per million. Evaluation of human health and ecological risks indicates that there is no potential unacceptable risk posed at the site. However, storm water discharge may mobilize residual contamination from the site. The Permittees must institute and maintain a control on the site by monitoring storm water discharge for potential off-site transport of residual contamination. This is currently being accomplished under the National Pollutant Discharge Elimination System (NPDES) "Stormwater" Permit. NMED hereby issues this Certificate of Completion for Corrective Action Complete with Controls for SWMU 03-056(c) pursuant to Section VII.E.6.b of the Consent Order, subject to the aforementioned control.

If new information becomes available that indicates that these sites may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at these sites.

Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
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C. Rodriguez, DOE LASO, MS A316
K. Rich, LANS, EP-CAP, MS M992

File: 2011 LANL, Certificates of Completion, Upper Sandia Canyon Aggregate Area SWMUs/AOCs

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Lieutenant Governor

DAVE MARTIN
Cabinet Secretary

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Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 3, 2011

George J. Rael, Assistant Manager
Environmental Projects Office
Department of Energy/National
Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Security, LLC
P.O. Box 1663, MS M991
Los Alamos, NM 87545

RE: **CERTIFICATES OF COMPLETION**
MATERIAL DISPOSAL AREA V, TECHNICAL AREA 21
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-11-030

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Four Solid Waste Management Units and One Area of Concern at Material Disposal Area V, Technical Area 21* (Request), dated May 13, 2011 and referenced by EP2011-0138. Results of the site investigations were presented in the *Investigation Report for Consolidated Unit 21-018(a)-99, Material Disposal Area V, at Technical Area 21, Revision 1,* dated July 2007 and the *Supplemental Investigation Report for Consolidated Unit 21-018(a)-99, Material Disposal Area V, at Technical Area 21, Revision 1,* dated April 2008.

To determine extent of subsurface tritium contamination, the Permittees implemented the *Vadose Zone Subsurface Characterization and Vapor-Monitoring Well Installation Work Plan for Material Disposal Area V, Consolidated Unit 21-018(a)-99, Revision 1*, dated August 2009. Four rounds of quarterly sampling were conducted and periodic monitoring reports were submitted to

NMED in December 2009, March 2010, June 2010, and October 2010. The Permittees have satisfied the requirements of the March 1, 2005 Consent Order for corrective action at the following Solid Waste Management Units/Areas of Concern (SWMUs/AOCs).

SWMU 21-013(b) is the location of a former surface debris disposal site located immediately south of MDA V on the south-facing slope leading into BV Canyon. It is not known how long this site received building debris; however, it did not receive waste after 1994. SWMU 21-013(b) contained the external concrete piers, the concrete building foundations, and other building debris derived from the 1965 demolition of the laundry facility (building 21-20 [SWMU 21-018(b)]) and a waste treatment laboratory (building 21-33 [AOC 21-009]). The debris was removed in 2005 and investigations were conducted between 2005 and 2007 to define the nature and extent of contamination. Evaluation of both human health and ecological risk indicates that there is no potential unacceptable risk posed at the site. However, storm water discharge may mobilize residual contamination from the site. The Permittees must monitor storm water discharge for potential off-site transport of residual contamination. This is currently being accomplished under the National Pollutant Discharge Elimination System (NPDES) "Stormwater" Permit. NMED hereby issues this Certificate of Completion for Corrective Action Complete with Controls for SWMU 21-013(b) pursuant to Section VII.E.6.b of the Consent Order.

SWMU 21-018(a), more commonly referred to as Material Disposal Area (MDA) V, is an approximately 1-acre site located immediately south of the former laundry facility [building 21-20; SWMU 21-018(b)]. The SWMU consists of three interconnected liquid waste absorption beds. MDA V was constructed to receive radioactive liquid wastewater from the laundry facility and was designed to enhance the infiltration of liquids into the tuff bedrock. The absorption beds were constructed in 1945 and operated until 1961. They remained on stand-by status until September 1963 when they were permanently removed from service. All absorption bed material and associated piping was removed and investigations were conducted between 2005 and 2007 to define the nature and extent of contamination. Evaluation of both human health and ecological risk indicates that there is no potential unacceptable risk posed at the site. However, storm water discharge may mobilize residual contamination from the site. The Permittees must monitor storm water discharge for potential off-site transport of residual contamination. This is currently being accomplished under the National Pollutant Discharge Elimination System (NPDES) "Stormwater" Permit. In addition, in the letter entitled *Extended Tritium Sampling at Material Disposal Area V*, dated February 15, 2011 and referenced by EP2011-0058, the Permittees commit to continue quarterly vapor monitoring at MDA V in connection with remedial actions currently in progress at MDA B. The need for continued vapor monitoring at MDA V will be reconsidered upon completion of the review of the final report detailing remedial actions at MDA B. NMED hereby issues this Certificate of Completion for Corrective Action Complete with Controls for SWMU 21-018(a) pursuant to Section VII.E.6.b of the Consent Order.

SWMU 21-018(b) is a former laundry facility (building 21-20) located at the eastern end and south of DP Road, immediately west of the security fence that encloses other former TA-21 facilities. Operational from 1945 to 1961, the laundry facility was used to wash personal protective clothing and other reusable cloth items used in both research and production operations involving radioactive materials at TA-21. It is estimated that the laundry facility

generated approximately two million gallons of effluent annually, which was discharged to MDA V. The laundry facility was a wood-frame structure with both concrete slab and wood-framing-on-pier floors. The wood portions of the building were decommissioned and demolished in 1965 and taken to MDA G where the debris was burned. The concrete foundation and associated piping were bulldozed over the edge of DP Mesa onto the south-facing slope of BV Canyon. Investigations were conducted between 2005 and 2007 to define the nature and extent of contamination. Evaluation of both human health and ecological risk indicates that there is no potential unacceptable risk posed at the site. NMED hereby issues this Certificate of Completion for SWMU 21-018(b) pursuant to Section VII.E.6.b of the Consent Order. Based on the information provided, no controls are necessary for this site.

SWMU 21-023(c) is a former septic system that consisted of a tank, inlet and outlet lines, and an outfall that served a waste treatment laboratory (building 21-33 [AOC 21-009]). The septic tank was located immediately west of the MDA V absorption beds and was constructed of reinforced concrete. The inlet and outlet lines were 4-inch vitrified clay pipe (VCP); the outlet line surfaced 40 feet southwest from the tank, approximately 30 feet from the canyon edge above BV Canyon. The outfall area extended south into BV Canyon. The waste treatment laboratory septic system was put into service in 1948. Wastewater was pumped from a sump in building 21-33 through the septic system. The tank was removed in 1965 and taken to MDA G. Investigations were conducted between 2005 and 2007 to define the nature and extent of contamination. Evaluation of both human health and ecological risk indicates that there is no potential unacceptable risk posed at the site. However, storm water discharge may mobilize residual contamination from the site. The Permittees must monitor storm water discharge for potential off-site transport of residual contamination. This is currently being accomplished under the National Pollutant Discharge Elimination System (NPDES) "Stormwater" Permit. NMED hereby issues this Certificate of Completion for Corrective Action Complete with Controls for SWMU 21-023(c) pursuant to Section VII.E.6.b of the Consent Order.

AOC 21-013(g) is located immediately south of MDA V on the south-facing slope leading into BV Canyon and has historically been described as a surface debris disposal site. It is not known how long the site received building debris; however, it did not receive waste after 1994. AOC 21-013(g) consisted of two discarded drainlines and miscellaneous building materials of unknown origin. The debris was removed in 2005 and investigations were conducted between 2005 and 2007 to define the nature and extent of contamination. Evaluation of both human health and ecological risk indicates that there is no potential unacceptable risk posed at the site. However, storm water discharge may mobilize residual contamination from the site. The Permittees must monitor storm water discharge for potential off-site transport of residual contamination. This is currently being accomplished under the National Pollutant Discharge Elimination System (NPDES) "Stormwater" Permit. NMED hereby issues this Certificate of Completion for Corrective Action Complete with Controls for SWMU 21-013(g) pursuant to Section VII.E.6.b of the Consent Order.

If new information becomes available that indicates that these sites pose a potential risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at these sites in the future.

Please contact Ben Wear at (505) 476-6041, if you have any questions.

Sincerely,

John E. Kieling
Acting Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
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S. Yanicak, NMED DOE OB, MS J993
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File: 2011 LANL, Certificates of Completion, MDA V, TA-21 SWMUs/AOCs

ERID-520388

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Secretary

BUTCH TONGATE
Deputy Secretary

EP2012-5112

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 16, 2012

Pete Maggiore
Assistant Manager
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Michael J. Graham
Associate Director
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P.O. Box 1663, MS M991
Los Alamos, NM 87545

U1201076

RE: CERTIFICATES OF COMPLETION
ONE SOLID WASTE MANAGEMENT UNIT AND ONE AREA OF CONCERN
IN THE GUAJE/BARRANCAS/RENDIJA CANYONS AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-12-008

Dear Messrs. Maggiore and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for One Solid Waste Management Unit and One Area of Concern in the Guaje/Barrancas/Rendija Canyons Aggregate Area*, dated February 02, 2012 and referenced by EP2012-0026.

One solid waste management unit (SWMU) 00-011(c) and one area of concern (AOC) C-00-020 were recommended for corrective action complete without controls in the *2011 Biennial Ordnance Survey Report* (Report), dated December 2011 (LA-UR-11-6766/EP2011-0383). NMED reviewed the Report and concurred with the conclusion that there is no need to conduct further ordnance surveys at these two sites (December 28, 2011). The Permittees have satisfied

the requirements of the March 1, 2005 Consent Order for completion of corrective action at these sites.

Based on the results of investigations, the following sites within the Guaje/Barrancas/Rendija canyons Aggregate Area qualify for Corrective Action Complete Without Controls status.

SWMU 00-011(c) is a suspected mortar impact area located on U. S. Forest Service land in a tributary of Rendija canyon north of the Sportman's club small-arms firing range. The area is approximately 10 acres and may have been used as a mortar impact area in the 1940s. A RCRA facility investigation (RFI) conducted in 1993 included an ordnance survey that did not find any munitions debris (MD) at the site and the Permittees concluded that the site was never used as an ordnance impact area. In October 2006, another munitions debris survey was conducted at the site and no MD or muntions of explosive concern (MEC) were found at SWMU 00-011(c). At NMED's direction, additional ordnance surveys were conducted in 2009 and 2011 and no MD or MEC was found at the site during either survey. The Permittees have demonstrated that the SWMU 00-011(c) is eligible for corrective action complete without controls.

AOC C-00-020 is a 30-acre suspected mortar impact area located along the north valley wall of Rendija Canyon on U. S. Forest Service land. The site was thought to be a former impact area because of the presence of "U.S. Property-No trespassing" signs posted along the southern edge of the area. In 1991, an ordnance team inspected the site and concluded that the site was not a former impact area. A RFI was conducted in 1993 that included an ordnance survey. No MD or MEC was observed at the site. In October 2006, another munitions debris survey was conducted at the site and no MD or MEC were found at AOC C-00-020. At NMED's direction, additional ordnance surveys were conducted in 2009 and 2011 and no MD or MEC was found during the surveys. The Permittees have demonstrated that the AOC C-00-020 is eligible for corrective action complete without controls.

If new information becomes available that indicates that any of these sites may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional investigation or remediation. NMED hereby issues this Certificate of Completion for 2 sites discussed above pursuant to section VII.E.6.b of the Consent Order.

U1201076

Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
C. Rodriguez, DOE LASO, MS A316
T. Haagenstad, EP-CAP, MS M992

File: 2012 LANL, Certificates of Completion for Guaje/barrancas/Rendija Canyons AA Sites (LANL 12-008)

U1201076

ERID-520940

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EP2012-5183

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 13, 2012

Peter Maggiore, Assistant Manager
Environmental Projects Office
Los Alamos Site Office
3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

RE: 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
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-11-049

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Six Solid Waste Management Units and One Area of Concern in the Upper Cañada Del Buey Aggregate Area* (Request), dated July 14, 2011, and referenced by EP2011-0242.

The request included the following Solid Waste Management Units (SWMUs) and Area of Concern (AOC):

SWMU 46-002, Surface Impoundment
SWMU 46-004(m), Inactive Outfall
SWMU 46-004(p), Inactive Dry Well
SWMU 46-006(b), Former Storage Shed
SWMU 46-006(g), Storage Area
SWMU 52-001(d), Former Facility Equipment
AOC C-46-001, Spill/Release Area

These SWMUs and the AOC were recommended for corrective action complete in the report entitled *Investigation Report for Upper Cañada del Buey Aggregate Area, Revision 1* (Report), dated May 2011 that summarized work completed in 2010. NMED approved the Report on May 31, 2011. The Permittees have satisfied the requirements of the March 1, 2005 Consent Order for completion of corrective action at these sites.

SWMU 46-002 is a surface impoundment system located at the eastern end of TA-46, southeast of the prototype fabrication building (46-77). The impoundment system was constructed in the early 1970s to receive sanitary wastewater from buildings located within the restricted access area of Technical Area (TA)-46. The lagoon was removed from service in the early 1990s when the Sanitary Wastewater System Consolidation (SWSC) plant came online. The outfall from the surface impoundment system had been removed from the National Pollutant Discharge Elimination System (NPDES) permit by 1993. Based on the risk screening assessment results, no potential unacceptable risks or doses from contaminants of potential concern (COPCs) exist for the industrial, construction worker, and residential scenarios. No potential ecological risks exist for any receptor following evaluations based on minimum ecological screening levels (ESLs), hazard index (HI) analyses, comparison with background concentrations, potential effects to plant and animal populations, and lowest observed adverse effect level (LOAEL) analyses.

SWMU 46-004(m) is a former NPDES-permitted outfall located approximately 60 ft north of building 46-30 at TA-46. The outfall protrudes from a slope on the hillside north of building 46-30. The outfall discharged effluent from an industrial drainline in building 46-30 to a ditch at the foot of the bank. In December 1995, the outfall was removed from the NPDES permit. Before the outfall was removed from the NPDES permit, all discharges to the outfall from building 46-30 ceased. Based on the risk screening assessment results, no potential unacceptable risks or doses from COPCs exist for the industrial, construction worker, and residential scenarios. No potential ecological risks exist for any receptor following evaluations based on minimum ESLs, HI analyses, comparison with background concentrations, potential effects to plant and animal populations, and LOAEL analyses.

SWMU 46-004(p) is an inactive dry well located next to the southwest corner of building 46-1 at TA-46. The dry well consists of corrugated metal pipe, approximately two feet in diameter and 10 feet in length, placed vertically in the ground, with a square concrete pad around the top three feet of the pipe, and covered with a hinged-metal lid. Building 46-1 housed offices, two assembly bays, a machine shop, several laboratories for the assembly and checkout of electrical components, general laboratories, and a uranium polishing area. All COPCs identified for

SWMU 46-004(p) were reported in samples collected from depths greater than 10 feet below ground surface (bgs). Therefore, no complete pathways to receptors for any of the exposure scenarios exist, and human health risk-screening assessments were not conducted for this site. All COPCs identified for SWMU 46-004(p) were reported in samples collected from depths greater than 10 feet bgs. Therefore, no complete pathways to any ecological receptors exist, and an ecological risk screening assessment was not conducted for this site.

SWMU 46-006(b) is a former storage shed that was located approximately 40 feet north of the Laser Isotope Support Facility at TA-46. The shed was installed sometime before 1977. The site of the shed is paved with asphalt and slopes toward a storm drain to the southeast. The shed was removed in 1990. Based on the risk-screening assessment results, no potential unacceptable risks from COPCs exist for the industrial, construction worker, and residential scenarios. No potential ecological risks exist for any receptor following evaluations based on minimum ESLs, HI analyses, comparison with background concentrations, potential effects to populations (individuals for threatened and endangered species), and LOAEL analyses.

SWMU 46-006(g) is a storage shed located at the west end of building 46-31 at TA-46. The shed is of corrugated-steel construction and measures 10 feet by 20 feet. From 1982 to 1984, the shed housed vacuum pumps used in experiments involving plasma vaporization of depleted uranium powder. The area around the shed is level and paved. Based on the risk-screening assessment results, no potential unacceptable risks from COPCs exist for the industrial, construction worker, and residential scenarios. No potential ecological risk was found for any receptor following evaluations based on minimum ESL, HI analyses, comparison with background concentrations, potential effects to populations (individuals for threatened and endangered species), and LOAEL analyses.

SWMU 52-001(d) used to contain various facility equipment. This site operated from 1967 to 1968 and underwent decontamination and decommissioning in 1989. Supplemental information provided to NMED in 2008 demonstrated that any releases outside building 52-01 would be associated with the other SWMUs associated with the building and additional sampling of SWMU 52-001(d) was not necessary.

AOC C-46-001 is the location of a one-time spill of mercury in the vicinity of building 46-75 at TA-46. On July 22, 1975, 0.55 to 1.1 lb of mercury spilled on the ground near building 46-75. The spill was cleaned up shortly after it occurred and aerial photos show the entire area surrounding building 46-75 was paved at the time of the spill. A human health risk assessment was not performed for AOC C-46-001 because no COPCs were identified for the site. Therefore, no potential unacceptable risks from COPCs exist for the industrial, construction worker, and residential scenarios. An ecological risk assessment was not performed for AOC C-46-001 because no COPCs were identified for the site. Therefore, no potential risks from COPCs to ecological receptors exist.

NMED has reviewed the Request and, based on review of associated soil sample analytical data, the nature and extent of contamination at the SWMUs and AOC have been defined. NMED has

determined that the requirements of the Consent Order have been satisfied and the sites qualify for "Corrective Action Complete Without Controls" status. NMED hereby issues this certificate for the SWMUs and AOC listed above pursuant to Section VII.E.6.b of the Consent Order.

If, in the future, any additional information becomes available that indicates the site(s) may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at the site(s).

If you have any questions regarding this letter, please contact Daniel Comeau at (505) 476-6043.

Sincerely,

for

John E. Kieling
Acting Chief
Hazardous Waste Bureau

cc: N. Dhawan, NMED HWB
D. Cobrain, NMED HWB
D. Comeau, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
C. Rodriguez, DOE-LASO, MS A316
K. Rich, EP-CAP, MS M992

File: 2011 – Approval_Rqst_for_CoCs, Upper CdB AA; LANL-11-049

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IOR-EP-7.17.2012-462698

ERID-521776

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EP2013-5011

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 20, 2012

IRM-RMS, LANL
U1300332

Pete Maggiore
Assistant Manager
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Jeffrey D. Mousseau
Associate Director
Environmental Programs
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Los Alamos, NM 87545

RE: CERTIFICATE OF COMPLETION
ONE AREA OF CONCERN IN THE UPPER LOS ALAMOS CANYON AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-12-069

Dear Messrs. Maggiore and Mousseau:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificate of Completion for One Area of Concern in the Upper Los Alamos Canyon Aggregate Area*, dated December 18, 2012 and referenced by EP2012-0301.

Area of Concern (AOC) 32-003 was recommended for corrective action complete without controls in the *Remedy Completion Report for Upper Los Alamos Canyon Aggregate Area, Former Technical Area 32, Revision 1* February 2011. NMED issued a Direction to Modify letter for the Report (April 6, 2011) that did not require any additional work at AOC 32-003.

AOC 32-003 is a location of a former transformer station, structure 32-10. It consisted of three transformers on a wooden platform suspended on poles approximately 20 ft. off the ground. It is located northwest of the solid waste management unit 32-002(b) septic tank and directly south of former building 32-01, and was discovered during the investigations conducted in 1993. Investigations were conducted at the site in 1993, 1996, 2008, and 2010. Based on the results of the risk screening assessments, no potential unacceptable risk from residual contamination exists for the industrial, construction worker, recreational, and residential scenarios. No potential unacceptable risks to ecological receptors are present at the site.

In accordance with Section VII.E.6.b of the Order on Consent, NMED hereby issues a Certificate of Completion without Controls for AOC 32-003.

Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
C. Rodriguez, DOE LASO, MS A316
T. Haagenstad, EP-CAP, MS M992

File: 2012 LANL, Certificate of Completion for AOC 32-003, Upper Los Alamos Canyon AA (LANL 12-069)

ERID-521746

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EP2013-5008

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

IRM-RMS, LANL
U1300346

December 28, 2012

Pete Maggiore
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Jeffrey D. Mousseau
Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

RE: CERTIFICATES OF COMPLETION
TWO SOLID WASTE MANAGEMENT UNITS AND ONE AREA OF CONCERN
IN THE UPPER LOS ALAMOS CANYON AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-12-072

Dear Messrs. Maggiore and Mousseau:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Two Solid Waste Management Units and One Area of Concern in the Upper Los Alamos Canyon Aggregate Area*, dated December 20, 2012 and referenced by EP2012-0304.

1. **Solid waste management unit (SWMU) 32-002(b1)** is a part of a former septic system that served former buildings 32-01 and 32-02 at former technical area (TA) 32. Former TA-32 was decommissioned in 1954. SWMU 32-002(b1) is the portion of the former septic system (32-002(b)) that is located on property currently owned by Los Alamos County (LAC). The remainder of the septic system is located on the property owned by

DOE and is designated as 32-002(b2). SWMU 32-002(b) was split into two separate SWMU in December 2012 through a permit modification to facilitate commercial development of the property owned by LAC. The outfall for SWMU 32-002(b) is located at the edge of Los Alamos Canyon, which is now part of SWMU 32-002(b2). The septic tank was removed in 1998, and the influent drainline was removed in 1996. Research activities mainly involved radionuclides, but other inorganic and organic chemicals were likely also used at the laboratory. Investigations were conducted at the site in 1996, 2008, and 2010.

The results of the investigations are reported in the *Remedy Completion Report for Upper Los Alamos Canyon Aggregate Area, Former Technical Area 32, Revision 1* (dated February 2011 and referenced by LA-UR-11-1177/EP2011-0064) and *Supplemental Remedy Completion Report for Upper Los Alamos Canyon Aggregate Area, Former Technical Area 32* (dated December 2012 and referenced by LA-UR-12-27053/EP2012-0306). Based on the results of the risk screening assessments, no potential unacceptable risk from residual contamination exists for the recreational, industrial, and construction worker scenario. However, the site does pose potential unacceptable risk under a residential exposure scenario. The site does not pose potential risk to ecological receptors under the proposed land use scenario. SWMU 32-002(b1) qualifies for corrective action complete with controls status. The control for the site is that the land use must be maintained as industrial.

2. **Area of Concern (AOC) 32-004** consists of a former drainline and outfall that served building 32-03 and discharged to Los Alamos Canyon. Building 32-03 was an office building and contained a vault room where a radioactive source was stored. The drainline at AOC 32-004 led directly to an outfall at the edge of the mesa without passing through a septic tank. Building 32-03 was removed when TA-32 was decommissioned in 1954. A section of the drainline located on LAC property was removed in 1996. Investigations were conducted at the site in 1993, 1996, 2008, and 2010.

   The results of the investigations were reported in the *Remedy Completion Report for Upper Los Alamos Canyon Aggregate Area, Former Technical Area 32, Revision 1* (dated February 2011 and referenced by LA-UR-11-1177/EP2011-0064). Based on the results of the risk screening conducted at the site, AOC 32-004 does not pose a potential unacceptable risk for the industrial, recreational, and construction worker land use scenarios. No potential unacceptable risks to ecological receptors are present at the site under the proposed industrial/commercial land use scenario. However, potential unacceptable risk exists under a residential land use scenario. AOC 32-004 qualifies for corrective action complete with controls status. The control is to maintain the land use as industrial.

3. **SWMU 32-002(a)** is a former septic system that was installed in 1944 and served former building 32-01. The outlet drainline discharged to the edge of Los Alamos Canyon.

Former building 32-01 operated as a research laboratory from 1944-1954. Research activities mainly involved radionuclides, but inorganic and organic chemicals were likely also used at the laboratory. Former TA 32 was decommissioned in 1954. The septic tank was removed prior to 1996, but historical records of the removal activities are not available. The drainlines were removed in 1996. Investigations were conducted in 1996, 2008, 2010, and 2011.

The results of the investigations were reported in the *Remedy Completion Report for Upper Los Alamos Canyon Aggregate Area, Former Technical Area 32, Revision 1* (dated February 2011 and referenced by LA-UR-11-1177/EP2011-0064) and *Supplemental Remedy Completion Report for Upper Los Alamos Canyon Aggregate Area, Former Technical Area 32* (dated December 2012 and referenced by LA-UR-12-27053/EP2012-0306). Results of the investigations were used to evaluate the risk posed by the site. The site does not pose any unaceptable risk under an industrial land use scenario. However, the construction worker scenario was not evaluated. The Permittees must evaluate the risk posed to a construction worker by residual contamination at the site. The ecological risk evaluation indicated that the site does not pose unacceptable risk to the ecological receptors under the proposed land use scenario. NMED will make the corrective action completion determination after reviewing the results of evaluation of potential risk posed to a construction worker to be submitted by the Permittees.

NMED hereby issues a Certificate of Completion with Controls for SWMU 32-002(b1) and AOC 32-004. If new information becomes available that indicates that any of these sites may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action.

Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc:

J. Davis, NMED HWB
D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N

E. Worth, DOE LASO, MS A316
T. Haagenstad, EP-CAP, MS M992

File: 2012 LANL, Certificates of Completion for TA-32, Upper Los Alamos Canyon AA Sites (LANL 12-072)

ERID-522072

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EP2013-5049

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

February 22, 2013

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Jeffrey D. Mousseau
Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

RE: CERTIFICATES OF COMPLETION
FOUR SOLID WASTE MANAGEMENT UNIT AND ONE AREA OF CONCERN
IN THE PUEBLO CANYON AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-12-063

Dear Messrs. Maggiore and Mousseau:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Four Solid Waste Management Units and One Area of Concern in the Pueblo Canyon Aggregate Area*, dated September 13, 2012 and referenced by EP2012-0202.

1. Solid Waste Management Unit (SWMU) 45-001 was a former radioactive liquid waste (RLW) treatment plant and associated outfalls. The treatment plant began operating in 1951 and operated until 1964. The plant initially received RLW only from Technical Area (TA) 1. As laboratory operations expanded, RLW from TA-3, TA-43, and TA-48 was also sent to SWMU 45-001. Decontamination and decommissioning (D&D) of

COR-EP-2.25.2013-496670

SWMU 45-001 included the demolition and removal of treatment plant equipment, structures, and waste lines and the excavation of contaminated soil. Portions of the cliff walls of Acid Canyon below the outfalls were also decontaminated.

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2. SWMU 45-002 consisted of a former vehicle decontamination facility (former building 45-1) that was used to decontaminate vehicles and large equipment, including filters from the Sigma Building, trash dumpsters, and wing tanks from airplanes. SWMU 45-002 was located approximately 40 feet south of the TA-45 RLW treatment plant (SWMU 45-001). The decontamination facility began operation in 1952. Vehicles and other equipment were decontaminated by steam-cleaning. This facility operated infrequently, approximately once per month. SWMU 45-002 was decommissioned in 1966, along with the other facilities that comprised former TA-45.

3. SWMU 45-003 consisted of the former buried industrial waste line and associated manhole (structure 45-8) located within the boundaries of TA-45. This waste line was used to convey RLW to the TA-45 treatment plant, SWMU 45-001.

4. SWMU 45-004 consisted of a sanitary sewer outfall that was associated with the sanitary sewer system constructed in 1947 to serve the Los Alamos town site. This sewer system included a sanitary sewer lift station (structure 45-3) and sanitary sewer manholes (structures 45-5 and 45-6).

5. Area of Concern (AOC) C-45-001 was the site of an accidental release of plutonium-contaminated sludge that occurred in the parking lot south of building 45-2 (SWMU 45-001) in January 1957. The parking lot was removed as part of the TA-45 D&D activities.

These five sites are components of Consolidated Unit 45-001-00. The July 2008 Investigation Report for Pueblo Canyon Aggregate Area, Revision 1 (IR) presented the results of characterization and remediation activities conducted in 2006 and 2007. The vertical extent of mercury and silver were not fully determined at one sample location within SWMU 45-004. The vertical extent of metals was determined by the Permittees between February and June 2010 and the results were presented in the September 2010 Phase II IR.

Because the footprints of the five sites overlap, the Phase II IR evaluated the risk for all five sites combined. The Phase II IR demonstrated that SWMUs 45-001, 45-002, 45-003, 45-004 and AOC C-45-001 pose no potential unacceptable risks to human health under the residential land use scenario and pose no potential risk to ecological receptors. Accordingly, the sites were recommended for corrective action complete without controls in the Phase II IR. A subsequent September 2012 evaluation of potential vapor intrusion for a residential scenario concluded that vapor intrusion by contaminants did not appreciably alter the risks at any of the five sites.

NMED hereby issues Certificates of Completion without controls for SWMUs 45-001, 45-002, 45-003, 45-004 and AOC C-45-001 pursuant to section VII.E.6.b of the Consent Order.

COR-EP-2.25.2013-496670

If, in the future, any additional information becomes available that indicates the sites may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at the sites.

Please contact Daniel Comeau at (505) 476-6043, if you have any questions.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
C. Rodriguez, DOE LASO, MS A316
T. Haagenstad, EP-CAP, MS M992

File: 2012 LANL, Certificates of Completion for SWMU 45-001, SWMU 45-002, SWMU 45-003, SWMU 45-004 and AOC C-45-001 (HWB-LANL 08-036 and HWB-LANL-12-063)

ERID-522505

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THOMAS SKIBITSKI
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Resource Protection Division

EP2013-5097

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

IRM-RMS, LANL
U1301151

May 7, 2013

Pete Maggiore
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Jeffrey D. Mousseau
Associate Director
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P.O. Box 1663, MS M991
Los Alamos, NM 87545

RE: CERTIFICATE OF COMPLETION
THREE SOLID WASTE MANAGEMENT UNITS [00-011(A), 00-011(D), 00-011(E)] IN GUAJE/BARRANCAS/RENDIJA CANYONS AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-12-039

Dear Messrs. Maggiore and Mousseau:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Three Solid Waste Management Units in the Guaje/Barrancas/Rendija Canyons Aggregate Area*, dated June 28, 2012 and referenced by EP2012-0155. The results of the investigations were summarized in the *Investigation Report for Guaje/Barrancas/Rendija Canyons Aggregate Area at technical Area 00, Revision 1* (IR) (dated November 2007 and referenced by LA-UR-07-7820/EP2007-0720).

SWMU 00-011(a) is a 28.5 acre former mortar impact area that is located on United States Forest Service (USFS) land approximately 0.4 miles east of the Sportsmen's club small arms firing range (SAFR) in Rendija Canyon. The site was used as a mortar impact area in 1940s.

The site is bisected east to west by Rendija Road. On the north side of the road, the site has a gradual to steep slope to the ephemeral Rendija Canyon stream channel. The slope is covered by downed trees that burned during the Cerro Grande fire in 2000. Currently, the site is fenced and posted with DOE "No Trespassing" signs. However, site is being used for recreational purposes by the public.

SWMU 00-011(d) is a former bazooka firing area located largely in Los Alamos County, except for a small section on private property. The area is in a small north-trending tributary of Bayo Canyon northeast of the intersection of San Ildefonso Road and Diamond Drive. The area is comprised of approximately 5 acres and was used as a target area for 2.36-in. bazooka rounds in the mid-1940s.

SWMU 00-011(e) is a former ammunition impact area located on USFS land in a tributary of Rendija Canyon north-northeast of the Sportsmen's Club SAFR. The area extends north along the tributary to the top of a cliff face. The area is roughly rectangular and consists of approximately 14 acres and was used as an ammunition impact area in the mid-1940s. The site is fenced with barbwire and posted with "Explosives No Trespassing" signs.

The IR recommended that the sites be granted corrective action complete without controls because they do not pose a threat to human health and the environment under the residential land use scenario. NMED issued an Approval with Directions (AWD) for the IR on December 20, 2007. The AWD directed the Permittees to conduct biennial visual surveys at these sites and to remove any munitions and explosives of concern (MEC) or munitions debris (MD) found during the surveys. In addition, the Permittees were directed to conduct storm water monitoring at these sites and implement institutional controls such as posting warning signs.

NMED received a letter from DOE Los Alamos Field Office on February 19, 2013. The letter states that based on discussions between DOE, NMED, and Los Alamos County (LAC), the DOE requests that these sites now be considered for corrective action complete with controls status. Request was made to expedite the transfer of Rendija Canyon tracts (Tract A-14a, -14c, and -14d) to LAC. The controls proposed by DOE and approved by NMED are:

- Conduct one additional biennial survey in December 2013;
- Install a kiosk sign at the entrance to Rendija Canyon that describes the history of the site and identifies the types of potential ordnance and associated debris that may be encountered, safety precautions and contact information, if ordnance encountered;
- Install signage within the Rendija parcel to guide and communicate safety practices to visitors;
- Conduct explosive and unexploded ordnance awareness training to LAC officials.

DOE also proposed to conduct one additional biennial survey in December 2013. Given the uncertainty associated with MEC/MD surveys NMED does not concur with this proposal.

However, the frequency may be reduced from biennial to triennial surveys after conducting the next biennial survey in 2013.

NMED approves the above-mentioned controls and hereby issues these Certificates of Completion with Controls for SWMUs 00-011(a), 00-011(d), and 00-011(e). These controls must be implemented and the documentation submitted to NMED by September 30, 2013. In addition, these sites must be monitored under the National Pollutant Discharge Elimination System individual stormwater permit. DOE indicated (July 13, 2012) that LAC intends to use the property for recreational purposes only and construction activities are not planned for the site. Land use controls must also be maintained.

If new information becomes available that indicates that the site may pose a risk to human health or the environment, NMED may require additional corrective action at these sites. Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc: T. Skibitski, NMED RPD
D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
L. King, EPA 6PD-N
C. Rodriguez, DOE LASO, MS A316
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File: 2012 LANL, Certificates of Completion for SWMUs 00-001(a), 00-001(d), and 00-001(e) in Guaje/Barrancas/Rendija Canyons AA Sites (LANL 12-039)

ERID-523159

NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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Environmental Health Division

EP2013-5156

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 31, 2013

IRM-RMS, LANL
U1301836

Pete Maggiore
Assistant Manager
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National Nuclear Security Administration
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Jeffrey D. Mousseau
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RE: CERTIFICATES OF COMPLETION
ONE SOLID WASTE MANAGEMENT UNIT AND TWO AREAS OF CONCERN
IN THE LOWER SANDIA CANYON AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-12-020

Dear Messrs. Maggiore and Mousseau:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for One Solid Waste Management Unit and Two Areas of Concern in the Lower Sandia Canyon Aggregate Area*, dated March 21, 2012 and referenced by EP2012-0081.

Solid waste management unit (SWMU) 53-001(b), area of concern (AOC) 53-013, and AOC 53-014 were recommended for corrective action complete without controls in the *Investigation Report for Lower Sandia Canyon Aggregate Area Revision 1* (LA-UR-11-4795/EP2011-0261). NMED approved the Report on September 26, 2011.

SWMU 53-001(b) is an outdoor storage area located on a concrete pad on the south side of building 53-2 at technical area (TA) 53. The site was used to store drums containing product and waste associated with maintenance activities conducted at building 53-2. The storage area was constructed in 1971. The area was also used as a less than 90-day storage area that was taken out of service in 1998. Investigations were conducted in 1995 and 2010. Based on the results of the risk screening assessments, no potential unacceptable risk from residual contamination exists for the industrial, construction worker, and residential scenarios. The ecological risk screening assessment results also indicate that the site does not pose any unacceptable risk to environmental receptors.

AOC 53-013 is a lead spill site located near the east end of TA-53, northeast of buildings 53-10 and 53-315. Lead shot was present within two fenced areas used for storage and the staging of equipment used in experiments. Lead shot was used as radiation shielding for experiments conducted in building 53-10. The dates when shot was spilled on the ground are not known, but possibly date back to the late 1960s or early 1970s. Investigations were conducted in 1995 and 2010. Based on the results of the risk screening assessments, no potential unacceptable risk from residual contamination exists for the industrial, construction worker, and residential scenarios. The ecological risk screening assessment results also indicate that the site does not pose any unacceptable risk to environmental receptors.

AOC 53-014 is a lead spill site that is located at a paved storage area in TA-53 west of building 53-18. Lead shot was spilled on the paved surface and stormwater subsequently washed lead into an asphalt-lined channel that joins the drainage below NPDES outfall (03A113). A voluntary corrective action was conducted in 1997 to remove the lead shot from the paved area, the asphalt channel, and the drainage. The sediment was sieved to remove lead and confirmatory samples were collected. The results of the sediment samples collected at the site indicated that detected lead concentrations were below the NMED soil screening levels. The site does not pose any potential unacceptable risk for the industrial, construction worker, and residential scenarios. The ecological risk screening assessment results also indicate that the site does not pose any unacceptable risk to environmental receptors.

The Permittees have demonstrated that these sites are eligible for corrective action complete without controls. NMED hereby issues Certificates of Completion for SWMU 53-001(b), AOC 53-013, and AOC 53-014 pursuant to section VII.E.6.b of the Consent Order.

Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

for

John E. Kieling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
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R. Massey, DOE LASO, MS A316
K. Rich, EP-CAP, MS M992

File: 2013 LANL, Certificates of Completion for Lower Sandia Canyon AA Sites (LANL 12-020)

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Director
Environmental Health Division

EP2013-5206

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

September 27, 2013

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Jeffrey D. Mousseau
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RE: CERTIFICATES OF COMPLETION
ONE SOLID WASTE MANAGEMENT UNIT AND ONE AREA OF CONCERN
MIDDLE MORTANDAD/TEN SITE AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-11-068

Dear Messrs. Maggiore and Mousseau:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificates of Completion for Twenty-Seven Solid Waste Management Units and Ten Areas of Concern in the Middle Mortandad/Ten Site Aggregate Area* (Request), dated August 31, 2012 and referenced by EP2011-0297.

Twenty-seven solid waste management units (SWMUs) and ten areas of concern (AOCs) were recommended for corrective action complete in the *Investigation Report for the Middle Mortandad/Ten Site Aggregate Area, Revision 2* (Report), dated February 2008 (LA-UR-08-0336/EP2008-0035). NMED issued an Approval with Direction (AWD) for the Report on April 1, 2008. At a meeting held on August 26, 2013, the Permittees requested expedited review of

AOC 35-014(e2) and SWMU 35-016(i) that were included in the Request.

To protect the surface waters from potential adverse impacts from stormwater discharges from the sites, all of these thirty-seven sites are required to be monitored under the Permittees' National Pollutant Discharge Elimination System (NPDES) individual permit. In addition, ten of these sites including AOC 35-014(e2) and SWMU 35-016(i) were identified as high priority sites in the NPDES Permit (Part 1, Section E.4.(a)). The NPDES Permit (dated November 1, 2010) requires that at these ten sites, corrective action must be completed within three years of the effective date of the permit. The sites may qualify for corrective action complete without controls after data collected from these sites demonstrates compliance with the NPDES Permit. At this time these sites do not qualify for corrective action complete without controls because data has not yet been acquired to demonstrate that surface water quality standards have been met. NMED hereby issues certificates of completion with controls for the following sites pursuant to Section VII.E.6.b of the Consent Order.

AOC 35-014(e2) is the site of a former oil spill that originated from overflows of a waste-oil impoundment. The site is located about 150 ft northeast of TA-35-85. The impoundment was decommissioned in 1989. The documented releases for the site consist of oil spills from the impoundment. Soil samples from oil-stained areas showed detectable concentrations of polychlorinated biphenyls (PCBs). The site was included in the investigation of CU 35-016(i)-00. Investigations conducted during 2004 indicate that there are no potential unacceptable risks or doses from the residual contamination for the recreational and residential land use scenarios. The results of the ecological risk-screening assessment indicate no potential unacceptable risk to ecological receptors at the site.

The Permittees must institute and maintain the control at the site of monitoring storm water discharge for potential off-site transport of residual contamination. This is currently mandated by the NPDES Permit. AOC 35-014(e2) is listed as a high priority site on the NPDES Permit.

SWMU 35-016(i) is an active surface discharge channel that handles storm water runoff from the area between the east end of TA-35-85 and the main parking lot for TA-35. The outfall is a corrugated metal pipe 18 in. in diameter. Discharge from the outfall has eroded a small channel in the mesa slope approximately three feet below the outfall and into the tuff bedrock. The site was included in the investigation of CU 35-016(i)-00. Investigations conducted during 2004 indicate that there are no potential unacceptable risks or doses from the residual contamination for the recreational and residential land use scenarios. The results of the ecological risk-screening assessment indicate no potential unacceptable risk to ecological receptors at the site.

The Permittees must institute and maintain the control at the site of monitoring storm water discharge for potential off-site transport of residual contamination. This is currently required by the NPDES Permit. SWMU 35-016(i) is listed as a high priority site on the NPDES Permit.

If new information becomes available that indicates that any of these sites pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action. Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
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File: 2013 LANL, Certificates of Completion for MM/TS AA Sites (LANL 11-068)