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NATIONAL LABORATORY
EST.1943

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Date: March 1, 2011
Refer To: ENV-RCRA-11-0037
LAUR: 11-10019

Ms. Paulette Johnsey, Chief
U.S. Environmental Protection Agency, Region 6
Compliance Assurance and Enforcement Division
(6EN)
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Mr. Richard Powell
Surface Water Quality Bureau
New Mexico Environment Department
Harold Runnels Building, N2050
1190 St. Francis Drive
P.O. Box 5469
Santa Fe, NM 87502-5469

Dear Ms. Johnsey and Mr. Powell:

SUBJECT: NPDES PERMIT NO. NM0030759 - SUBMITTAL OF 2010 STORM WATER INDIVIDUAL PERMIT ANNUAL REPORT, DATED MARCH 1, 2011

This 2010 Storm Water Individual Permit Annual Report is being submitted in accordance with the requirements of NPDES Permit No. NM0030759 (the Permit) for the Los Alamos National Laboratory, issued to Los Alamos National Security, LLC, and the U.S. Department of Energy, effective November 1, 2010. As specified in Part I, Section H.2, Annual Reports, the Permittees must submit an annual status report no later than March 1 of each year.

The 2010 Annual Report presents activities and milestones accomplished by the Permittees during the period January 1 through December 31, 2010. The content of the Annual Report addresses the requirements in Section H.2, including:

- Site-specific compliance status;
- highlights of any change of compliance status during the reporting period;
- monitoring results available during the reporting period;
- identification of pollutants which exceed applicable Target Action Levels;
- description of baseline control measures installed; and

- summary of inspections performed.

This 2010 Annual Report does not contain any requests for EPA's approval; nor description of corrective actions required under Section E of the Permit. No site-specific corrective actions were required as a result of Target Action Level exceedances during the 2010 annual reporting period.

The 2010 Annual Report has been signed, certified, and dated in accordance with Part III, Section D.11 of the Permit and 40 CFR 122.22(b).

Please contact Terrill Lemke at (505) 665-2397 of the Water Quality and RCRA Group (ENV-RCRA) if you have questions.

Sincerely,

Anthony R. Grieggs
Group Leader
Water Quality & RCRA Group
Los Alamos National Laboratory

Sincerely,

Gene E. Turner
Environmental Permitting Manager
Environmental Projects Office
Los Alamos Site Office
National Nuclear Security Administration

ARG:GET:CH/lm

Enclosure: a/s

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LOS ALAMOS NATIONAL LABORATORY

NPDES Permit No. NM0030759

STORM WATER INDIVIDUAL PERMIT

ANNUAL REPORT

REPORTING PERIOD: January 1 – December 31, 2010

SUBMITTAL DATE: March 1, 2011

LA-UR-11-10019

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List of Acronyms & Abbreviations

AOC	Area Of Concern
ATAL	Average Target Action Level
BCM	baseline control measure
BMP	best management practice
CFR	Code of Federal Regulations
DOE	United States Department of Energy
ENV	[LANL] Environmental Protection Division
ENV-RCRA	[LANL] Water Quality and RCRA Group
EPA	United States Environmental Protection Agency
HE	high explosive [compound]
IP	Individual Permit, the Permit
LANL, the Laboratory	Los Alamos National Laboratory
LANS	Los Alamos National Security, LLC
LASO	[National Nuclear Security Administration] Los Alamos Site Office
mg/L	milligrams per liter
µg/L	micrograms per liter
MQL	Minimum Quantification Level
MTAL	Maximum Target Action Level
NMED	New Mexico Environment Department
NNSA	National Nuclear Security Administration
NPDES	National Pollutant Discharge Elimination System
PCB	polychlorinated biphenyl [compound]
pCi/L	picoCurie per liter
PPT	Pollution Prevention Team
RCRA	Resource Conservation and Recovery Act
SDPPP	Site Discharge Pollution Prevention Plan
SMA	Site Monitoring Area
SWMU	Solid Waste Management Unit
TA	Technical Area
TAL	Target Action Level

Certifications

LOS ALAMOS NATIONAL LABORATORY
NPDES Permit No. NM0030759

ANNUAL REPORT
REPORTING PERIOD: January 1, – December 31, 2010

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."

A R Grieggs — 3/1/11

Anthony R. Grieggs, Group Leader — Date
Water Quality & RCRA Group
Environment, Safety, Health & Quality Directorate
Los Alamos National Laboratory

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LOS ALAMOS NATIONAL LABORATORY
NPDES Permit No. NM0030759

ANNUAL REPORT
REPORTING PERIOD: January 1, – December 31, 2010

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."

Gene Turner 2/28/11

Gene Turner, Environmental Permitting Manager — Date
Environmental Projects Office
Los Alamos Site Office
National Nuclear Security Administration

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Executive Summary

Los Alamos National Security, LLC (LANS) under the direction of the National Nuclear Security Administration (NNSA), has prepared this Annual Report for the Individual Storm Water Permit pursuant to the requirements of National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759. The Individual Permit authorizes the discharge of storm water associated with industrial activities at the Los Alamos National Laboratory (LANL) from specified solid waste management units (SWMUs) and areas of concern (AOCs), collectively referred to as Sites. The Permit incorporating the latest modifications became effective on November 1, 2010 (hereinafter referred to as the Individual Permit or Permit).

This Annual Report presents activities and milestones accomplished during the period January 1 through December 31, 2010. Highlights of work performed under the compliance schedule specified in the Permit during the 2010 annual reporting period include:

- Completion of baseline control measures installation and implementation at 102 Sites located at 63 SMAs listed in Table E-2 of the Permit was accomplished within the Permit compliance schedule. Certification documentation was submitted to the EPA Region 6 Office and the NMED by December 1, 2010.

- Completion and certification of baseline control measures installation and implementation at an additional 92 Sites located at 65 SMAs was accomplished within the Permit compliance schedule. Certification documentation was submitted to the EPA Region 6 Office and the NMED within 30 days of baseline control measure completion.

- Completion of baseline control measures installation and implementation at an additional 103 Sites located at 57 SMAs was accomplished within the Permit compliance schedule. The certification documentation for the baseline control measures completed at these SMAs was submitted in early 2011.

- Two storm water monitoring samples were collected during October 2010. The validated monitoring results were received in January, 2011, and are included in this Annual Report for continuity.

- No incidents of noncompliance that potentially endangered health or the environment occurred during the 2010 annual reporting period.

The content requirements for the Annual Report are listed in Section H.2 (a)-(k) of the Permit; additional requirements are found in Sections F.3, I.1, and I.5 in Part I. This Annual Report is organized to address all the Permit-required contents as shown in the crosswalk provided in Table ES-1.

Table ES-1. Individual Permit Annual Report Requirements

Part I Requirement		Annual Report Section
Section	Description	
H.2 (a)	For each SMA (or Site), a summary of the Site-specific compliance status during the reporting period.	Section 2.4.1 Site-Specific Compliance Status Appendix B. Site-Specific Compliance Status
H.2 (b)	SMA and associated Outfall and Site(s) numbers/identifications.	Section 2.2 Permitted Sites Appendix A. Permitted Features, Site Monitoring Areas, and Sites
H.2 (c)	Monitoring results available during the reporting period.	Section 3. Analytical Monitoring Results Appendix C. Analytical Monitoring Results
H.2 (d)	Identification of pollutants which exceed applicable MTAL or ATAL.	Section 3.2.3 Baseline TAL Exceedances Section 3.3.3 Corrective Action TAL Exceedances
H.2 (e)	Description of baseline control measures installed, including the completion date or targeted completion date.	Section 4. Baseline Control Measures Activities Appendix D. Baseline 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.	Section 5. Corrective Actions Activities Appendix E. Corrective Actions
H.2 (g)	Identification of Sites which meet No Exposure status.	Section 2.6 Sites Recommended for No Exposure Status
H.2 (h)	Identification of Sites which meet 'corrective action complete without controls/corrective action complete with controls" under RCRA or which have been issued a Certificate of Completion under the NMED Consent Order.	Section 2.5 Sites with NMED Consent Order Certificates of Completion
H.2 (i)	Highlights of any change of compliance status from the Annual Report.	Section 2.4.2 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.	Section 1. Requests for EPA Approval
H.2 (k)	A summary of inspections performed in accordance with Section G.1 and 2 above, as well as for any visual inspections performed under Section E.1.	Section 6. Summary of Inspections Appendix F. Inspections

Table ES-1, cont'd. Individual Permit Annual Report Requirements

Part I Requirement		Annual Report Section
Section	Description	
E.5 (c)	… Any actions taken under this paragraph must be summarized in the Annual SDPPP update and in the Annual Report.	Section 5. Corrective Actions Activities Appendix E. Corrective Actions
F.3	The Permittees must keep 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.	Section 7. Summary of SDPPP Changes
F.3 (a)	Construction or a change in design, operation, or maintenance at the facility having a significant impact on the discharge, or potential for discharge, of pollutants from the facility;	Section 7. Summary of SDPPP Changes
F.3 (b)	Findings of deficiencies in control measures during inspection or based on analytical monitoring results;	Section 7. Summary of SDPPP Changes
F.3 (c)	Any change of monitoring requirement or compliance status;	Section 7. Summary of SDPPP Changes
F.3 (d)	Any change of SMA location; and	Section 7. Summary of SDPPP Changes
F.3 (e)	Summary of changes from the last year's SDPPP.	Section 7. Summary of SDPPP Changes
I.1	… Steps taken to minimize discharges of contaminated runoff during remediation activity shall be included in the SDPPP update…	Section 7. Summary of SDPPP Changes
I.5	This Permit may be reopened and modified in accordance 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.	Section 1.2 Approved Permit Modifications

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Section 1. Requests for EPA Approval

1.1 Permittee Requests

Permit Section H.2 (j) requires that the Annual Report identify any lists of requests for U.S. Environmental Protection Agency (EPA) Region 6 approval, including any requests for changes of monitoring location or Site deletion and any requests to place a Site into Section E.3 Alternative Compliance.

No requests for EPA approval were submitted by the Permittees during the 2010 annual reporting period.

1.2 Approved Permit Modifications

Section I.5 requires that the Annual Report identify any approved permit modifications during the 2010 annual reporting period. No requests for Permit modification have been submitted by the Permittees during the period November 1 - December 31, 2010.

Section 2. Compliance Status

2.1 Overview

The Permit was issued to LANS and the U.S. Department of Energy (DOE), hereinafter referred to as the Permittee, by the U.S. EPA Region 6 office on February 13, 2009, with an effective date of April 1, 2009 (EPA 2009). On March 13, 2009, a Petition for Review was filed with the Environmental Appeals Board by the Western Environmental Law Center on behalf of a coalition of concerned citizens. On April 26, 2010, as required by 40 CFR §§ 124.16(a)(2)(ii) and 124.60(b), Region 6 provided notice of the conditions of the Permit that were uncontested and severable (EPA 2010a). The following Permit conditions were determined to be uncontested and severable:

- Section A.1(a)-(d) & (g) of Part I (not including introductory language under Section A), concerning installation of baseline or "Stage 0" best management practices (BMPs) at all Sites within one year of the effective date of the Permit;

- Section B.1(a)-(e) of Part I, concerning the preparation of a Site Discharge Pollution Prevention Plan (SDPPP) (except for the requirement to describe all BMPs selected to meet the applicable target action levels (TALs) and the requirement to submit a Semi-Annual Status Report no later than September 1, 2010, which are contested and stayed);

- Section E of Part I, concerning a Watershed Protection Approach; and

- Parts II and III of the Permit ("Other Conditions" and "Standard Conditions for NPDES Permits," respectively).

Under 40 CFR § 124.16(a)(2)(i), the uncontested and severable conditions became the fully effective and enforceable obligation of the Permittees on May 26, 2010, 30 days from the date of notification.

Following extensive settlement discussions, EPA, the Petitioners, and the Permittees agreed to the terms and conditions of a permit modification addressing the concerns raised in the Petition for Review. On September 30, 2010, the Region 6 office issued the modified Permit with an effective date of November 1, 2010 (EPA 2010b).

The Permit contains non-numeric technology-based effluent limitations, coupled with a comprehensive, coordinated monitoring program, to minimize pollutants in Permittees' storm water discharges. Permittees are required to implement site-specific control measures (including best management practices) to address the non-numeric technology-based effluent limits as necessary to minimize pollutants in their storm water discharges. As used in the Permit, "minimize" means to reduce and/or eliminate discharges of pollutants in storm water to the extent achievable using site-specific control measures (including best management practices) that reflect best industry practice considering their technological availability, economic achievability and practicability.

Highlights of changes of compliance status during the 2010 annual reporting period include:

- Completion and certification of baseline control measures installation and implementation at 102 Sites located at 63 Site Monitoring Areas (SMAs) listed in Table E-2 of the Permit was accomplished within the schedule established by Permit Section B.1. Certification documentation was submitted to the EPA Region 6 Office and the New Mexico Environment Department (NMED) by December 1, 2010 (LANL 2010a).

- Completion and certification of baseline control measures installation and implementation at an additional 92 Sites located at 65 SMAs was accomplished within the Permit schedule. Certification documentation was submitted to the EPA Region 6 Office and the NMED within 30 days of baseline control measure completion on December 16, 2010 (LANL 2010b).

- Completion of baseline control measures installation and implementation at an additional 149 Sites located at 83 SMAs was accomplished within the Permit schedule. The certification documentation for the baseline control measures completed at these SMAs was submitted on January 12, 2011 (LANL 2011a), and February 11, 2011 (LANL 2011b).

2.2 Permitted Sites

Section H.2 (b) requires that the Annual Report include the SMA and associated Outfall (Permitted Feature) and Site(s) numbers/identifications.

- Appendix A of the Permit lists the assignments of Sites to SMAs; Table A-1 of the Permit provides the SMA monitoring location coordinates.

- Appendix D of the Permit assigns each SMA to a Permitted Feature (i.e., an outfall number) for the purposes of tracking and reporting.

The information provided in the Permit Appendices A and D is summarized in Table A-1 of Appendix A to this Annual Report, which identifies the Permitted Features and associated SMAs and Sites permitted to discharge storm water as of December 31, 2010. For this Annual Report, Table A-1 is organized from north to south according to the seven major Pajarito Plateau watersheds where the Permitted Features/SMAs are located. Table 2-1 summarizes the numbers of Permitted Features, SMAs, and Sites associated with each of the major watersheds. As of December 31, 2010, 405 Sites assigned to 250 Permitted Features/SMAs were permitted under NPDES Permit No. NM0030759.

Table 2.1. Permitted Features, Site Monitoring Areas, and Sites Summarized by Watershed [1]

Watershed	Number of Permitted Features / SMAs	Number of Sites
Los Alamos / Pueblo	64	121
Sandia	19	23
Mortandad	45	106
Pajarito	51	63
Water / Canon de Valle	50	92
Ancho	9	15
Chaquehui	12	29
Total:	250	405

1. Current as of December 31, 2010.

2.3 Permit Schedule Requirements

The Permit requires that baseline control measures to address the non-numeric technology-based effluent limits be installed within six (6) months of the effective date of the modification, Nov. 1, 2010. Following installation of the control measures, the Permittees must perform initial confirmation monitoring against the pollutant target action levels to determine the effectiveness of the measures. If confirmation monitoring shows target action levels are not being met at a particular Site, the Permittees must take corrective action in accordance with timelines specified in Section E.4 of the Permit through installation of measures reasonably expected to:

- meet applicable target action levels at that Site;
- achieve total retention of storm water discharges from the Site;
- totally eliminate exposure of pollutants to storm water at the Site; or through
- demonstration that the Site has achieved RCRA “no further action” status or a Certificate of Completion under NMED’s Consent Order.

In recognition of the number of Sites and the unique characteristics of each Site, Section 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 three-year and five-year deadlines may be changed under Permit Sections E.3, Alternative Compliance, or E.5, Additional Sampling Requirements.

Table 2-2 summarizes the significant milestones for compliance phases identified under the Individual Permit. In this Annual Report, the compliance status of a specific Permitted Feature/SMA or Site will be described according to the Permit compliance phases and milestones identified in Table 2-2.

2.4 Compliance Status

2.4.1 Site-Specific Compliance Status

Permit Sections H.2 (a), H.2 (i), and F.3 (c) require that the Annual Report address Site-specific compliance status and changes to compliance status for each SMA or Site. During the 2010 annual reporting period, permitted Sites moved through three sequential compliance phases:

- Baseline Control Measures Installation
- Baseline Control Measures Certification
- Baseline Confirmation Monitoring

The Permit compliance status for the 2010 annual reporting period and the first two months of 2011 is summarized in Table 2-3. The Site-specific compliance status is provided in Appendix B, Table B-1.

Table 2-2. 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 Appendix E	The Permittees must install baseline control measures at each Site within 6 months of the Nov. 1, 2010, effective date of the Permit. Baseline control measures have already been installed and implemented prior to the effective date of the Permit at 102 Sites assigned to 63 SMAs. 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 prior to Nov. 1, 2010.	April 30, 2011
Baseline Control Measures Certification	Part I, Section B.1 Appendix E	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. The Permittees must certify the baseline control measures completed at 63 SMAs before Nov. 1, 2010 (listed in Table E-2) within 30 days of effective date of Permit. The Permittees must certify baseline control measures for Sites at remaining 187 SMAs listed in Table E-1 within 30 days of completion.	 Dec. 1, 2010 May 30, 2011
Baseline Confirmation Monitoring	Part I, Section D.1 Part I, Section D.1 (a) Part I, Section D.1 (b)	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. For Sites at which baseline control measures were installed and implemented prior to Nov. 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. For Sites at which baseline control measures were installed and implemented within six 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.	 October 31, 2011 April 30, 2012
Corrective Action Control Measures Installation	Part I, Section E.1	The Permittees shall initiate corrective action as soon as practicable if, following installation of baseline control measures, initial confirmation monitoring (see Baseline Control Measure Confirmation Monitoring) shows target action levels are not being met at a particular Site.	

Table 2-2, cont'd. Milestones for Significant Compliance Phases for the Individual Permit

Compliance Phase	Permit Section(s)	Description	Milestone
Certification of Corrective Action Control Measures Installation	Part I, Section E.1 (c)	The Permittees shall certify completion of installation of control measures within 30 days of completion of all such measures at the Site.	
Corrective Action Confirmation Monitoring	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 target action levels, the Permittees shall initiate further measures to achieve completion of corrective action.	
	Part I, Section E.1 (b)	If the Permittees decide to achieve corrective action through installation of measures to totally eliminate exposure of pollutants to storm water at a Site, no further confirmation monitoring is required. Thereafter, the Permittees shall collect one sample and make the analytical results available to the public.	
	Part I, Section E.1 (b)	If the Permittees decide to achieve corrective action through installation of total retention measures or through demonstration that the Site has achieved a Certificate of Completion under NMED's Consent Order, no further confirmation monitoring is required.	
	Part I, Section E.1 (c)	Where applicable, the Permittees shall provide sampling results within 30 days of receipt of analytical results from the first measureable storm event after completion of such measures.	
	Part I, Section E.1 (d)	For "High Priority Sites" (see Section E.4 (a)) if no confirmation sample could be collected due to lack of a measurable storm event prior to the second year of the Permit (October 31, 2012), then the compliance deadlines under Section E.4 shall be extended for a one (1) year period following the first successful confirmation sampling event.	

Table 2-2, cont'd. Milestones for Significant Compliance Phases for the Individual Permit

Compliance Phase	Permit Section(s)	Description	Milestone
Certification of Completion of Corrective Action	Part I, Section E.2	The Permittees must certify completion of corrective action within the deadlines established under Section E.4.	
	Part I, Section E.4 (a)	The Permittees must certify completion of corrective action under 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 Section E.3, Alternative Compliance, E.4 (c), force majeure, or E.5, Additional Sampling Requirements).	October 31, 2013
	Part I, Section E.4 (a)	The Permittees must certify completion of corrective action under 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 Section E.3, Alternative Compliance, E.4 (c), force majeure, or E.5, Additional Sampling Requirements).	October 31, 2015
Alternative Compliance	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 Section E.4 due, for instance, to force majeure events, background concentrations of pollutants of concern, or pollutants of concern contributed by sources beyond the Permittees control. Under Alternative Compliance, Completion of Corrective Action will be accomplished on a case-by-case basis, and as necessary, pursuant to an individually tailored compliance schedule determined by EPA.	
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: a) The Site was never used for management of hazardous waste; or b) The Site has received a Certificate of Completion under NMED's Consent Order and confirmation samples of runoff have demonstrated concentrations no greater than applicable target action levels. Once a Site is removed from the Permit, a discharge of contaminated runoff is no longer authorized by the Permit.	

Table 2-3. Summary of Individual Permit Compliance Status as of February 28, 2011

Compliance Phase	Number of SMAs	Number of Sites [1]	Milestone	Status as of February 28, 2011
Baseline Control Measures Installation	39	72	April 30, 2011	Baseline control measure installation and implementation was ongoing at 39 SMAs as of February 28, 2011.
Baseline Control Measures Certification	0	0	May 30, 2010	There were no SMAs/Sites that had completed the baseline control measure installation phase and were awaiting certification as of February 28, 2011. All Sites/SMAs with completed baseline control measure installation had also completed the certification phase.
Baseline Confirmation Monitoring	63	102	October 31, 2011	Baseline control measures were completed before the effective date of the Permit at 63 SMAs. Initial baseline confirmation monitoring must be completed by October 31, 2011 for these 63 SMAs.
	148	241	April 30, 2012	Baseline control measures were completed and certified after the effective date of the Permit at 195 Sites located at 148 SMAs. Initial confirmation monitoring must be completed by April 30, 2012 for these 148 SMAs.
Corrective Action Control Measures Installation	0	0	--	
Certification of Corrective Action Control Measures Installation	0	0	--	
Corrective Action Confirmation Monitoring	0	0	--	
Certification of Completion of Corrective Action	0	0	October 31, 2013	
	0	0	October 31, 2015	

1. The number of Sites may add up to more than 405 (the number of permitted Sites) because some Sites are assigned to more than one SMA.

2.4.2 Compliance Status Changes

Permit Section H.2 (i) requires that the Annual Report highlight any change of compliance status during the annual reporting period. Effective November 1, 2010, SMAs and Sites were assigned to one of two compliance schedule phases:

> Baseline Control Measures Installation: Install and implement baseline control measures pursuant to the requirements of Appendix E at 313 Sites located at 187 SMAs.
>
> Baseline Control Measures Certification: Submit baseline control measure certification documentation for 102 Sites located at 63 SMAs where baseline control measures were completed Nov. 1, 2010 (listed in Table E-2 of the Permit) to EPA by December 1, 2010, i.e., within 30 days of effective date of Permit.
>
> Note: The number of Sites may add up to more than 405 (the number of permitted Sites) because some Sites are assigned to more than one SMA.

As installation and certification of baseline control measures progresses, SMAs and Sites are moved to successive compliance phases. The changes in compliance status during the 2010 annual reporting period and the first two months of 2011 fell into two categories as summarized in Table 2-4.

- SMAs/Sites where baseline control measure installation was completed were moved into Baseline Control Measure Certification phase; followed by
- SMAs/Sites where baseline control measure certification was completed were moved into the Baseline Confirmation Monitoring phase.

The compliance phase for 39 SMAs remained at Baseline Control Measure Installation and was unchanged during the 2010 annual reporting period.

Table 2-4. Summary of Compliance Status Changes through February 2011

Compliance Phase	Number of SMAs	Number of Sites [1]	Milestone	Status Changes through February 2011
Baseline Control Measures Installation	39	72	April 30, 2011	Baseline control measure installation and implementation was ongoing at 39 SMAs as of February 28, 2011.
Baseline Control Measures Certification	63	102	December 1, 2010	Baseline control measures that were completed before the effective date of the Permit were certified by December 1, 2010, at 63 SMAs.
	148	241	May 30, 2011	Baseline control measures that were completed after the effective date of the Permit were certified within 30 days of completion at 148 SMAs.
Baseline Confirmation Monitoring	63	102	October 31, 2011	Baseline control measures were completed before the effective date of the Permit at 63 SMAs. Initial baseline confirmation monitoring must be completed by October 31, 2011 for these 63 SMAs.
	148	241	April 30, 2012	Baseline control measures were completed after the effective date of the Permit and certified at 148 SMAs. Initial confirmation monitoring must be completed by April 30, 2012 for these 148 SMAs.

1. The number of Sites may add up to more than 405 (the number of permitted Sites) because some Sites are assigned to more than one SMA.

2.5 Sites with NMED Consent Order Certificates of Completion

Permit Section H.2 (h) requires that the Annual Report identify Sites that have been issued a "Certificate of Completion" under the NMED Consent Order (NMED 2005). As of December 31, 2010, the sixteen (16) Sites listed in Table 2-5 had received Certificates of Completion, including eleven Sites that were approved for Certificates of Completion during 2010. Certificates of Completion may specify that corrective action under the NMED Consent Order is "Complete with Controls" or "Complete without Controls." Of the 16 Sites that have completed Consent Order corrective action, the following ten (10) Sites require controls to address potential transport of residual contamination by storm water runoff.

01-001(b)	L007 / LA-SMA-2.3	48-007(a)	M006 / M-SMA-4
01-001(c)	L011 / LA-SMA-4.2	48-007(d)	M006 / M-SMA-4
01-001(e)	L008 / LA-SMA-3.1	48-010	M006 / M-SMA-4
01-003(e)	L012A / LA-SMA-5.02	73-002	P006 / P-SMA-2
01-006(d)	L011 / LA-SMA-4.2	73-006	P006 / P-SMA-2

2.6 Sites Recommended for No Exposure Status

Permit Section H.2 (g) requires that the Annual Report identify Sites which meet No Exposure status. No Sites were recommended for No Exposure status during the 2010 annual reporting period.

Table 2-5. Individual Permit Sites with a "Certificate of Completion" under the NMED Consent Order

Site No.	Permitted Feature / SMA	Corrective Action Complete Status	Date Issued	Requirement for Controls	Reference
00-018(b)	P004 / P-SMA-0.3	Complete without Controls	Jan. 14, 2011	None.	NMED 2011
01-001(b)	L007 / LA-SMA-2.3	Complete with Controls	Sept. 10, 2010	Monitor storm water discharge for potential transport of residual contamination per the requirements of NPDES Permit No. NM0030759.	NMED 2010c
01-001(c)	L011 / LA-SMA-4.2	Complete with Controls	Sept. 10, 2010	Monitor storm water discharge for potential transport of residual contamination per the requirements of NPDES Permit No. NM0030759.	NMED 2010c
01-001(e)	L008 / LA-SMA-3.1	Complete with Controls	Sept. 10, 2010	Monitor storm water discharge for potential transport of residual contamination per the requirements of NPDES Permit No. NM0030759. Prevent exposure of receptors to potential subsurface contamination beneath existing structures.	NMED 2010c
01-003(e)	L012A / LA-SMA-5.02	Complete with Controls	Sept. 10, 2010	Monitor storm water discharge for potential transport of residual contamination per the requirements of NPDES Permit No. NM0030759.	NMED 2010c
01-006(d)	L011 / LA-SMA-4.2	Complete with Controls	Sept. 10, 2010	Monitor storm water discharge for potential transport of residual contamination per the requirements of NPDES Permit No. NM0030759.	NMED 2010c
16-030(c)	V003 / CDV-SMA-1.4	Complete without Controls	Jan. 23, 2008	None.	NMED 2008

Table 2-5, cont'd. Individual Permit Sites with a "Certificate of Completion" under the NMED Consent Order

Site No.	Permitted Feature / SMA	Corrective Action Complete Status	Date Issued	Requirement for Controls	Reference
39-001(b)	A005 / A-SMA-2.8	Complete without Controls	April 6, 2010	None.	NMED 2010a
39-002(c)	A004 / A-SMA-2.7	Complete without Controls	April 6, 2010	None.	NMED 2010a
43-001(b2)	L004 / LA-SMA-1.1	Complete with Controls	Sept. 10, 2010	Site cannot be used for residential purposes.	NMED 2010c
48-007(a)	M006 / M-SMA-4	Complete with Controls	Sept. 7, 2010	Monitor storm water discharge for potential transport of residual contamination per the requirements of NPDES Permit No. NM0030759.	NMED 2010b
48-007(d)	M006 / M-SMA-4	Complete with Controls	Sept. 7, 2010	Monitor storm water discharge for potential transport of residual contamination per the requirements of NPDES Permit No. NM0030759.	NMED 2010b
48-010	M006 / M-SMA-4	Complete with Controls	Sept. 7, 2010	Monitor storm water discharge for potential transport of residual contamination per the requirements of NPDES Permit No. NM0030759.	NMED 2010b
53-002(a)	L030 / LA-SMA-10.11	Complete with Controls	Sept. 13, 2006	Land use must remain industrial.	NMED 2006
73-002	P006 / P-SMA-2	Complete with Controls	Aug. 13, 2007	Install permanent and appropriate storm water controls which will prevent the down gradient transport of contaminants via storm water.	NMED 2007
73-006	P006 / P-SMA-2	Complete with Controls	August 13, 2007	Install permanent and appropriate storm water controls which will prevent the down gradient transport of contaminants via storm water.	NMED 2007

Section 3. Analytical Monitoring Results

3.1 Overview

Section 3 of this Annual Report presents the analytical monitoring results for storm water runoff samples collected at SMAs during the 2010 annual reporting period as required by Sections H.2 (c) and H.2. (d) of the Permit. The initial sampling conducted after baseline control measures have been installed and implemented, but before additional corrective actions have been conducted, is described in Section 3.2, Baseline Monitoring. For the 2010 annual reporting period, only two baseline monitoring samples were collected and are reported in Section 3.2 below. Section 3.2.3 identifies pollutants of concern which exceed applicable Maximum Target Action Level (MTAL) or Average Target Action Level (ATAL) values after installation of baseline control measures.

No corrective action monitoring samples were collected during 2010. Monitoring conducted following the completion of Corrective Action activities will be described in Section 3.3, Corrective Action Monitoring, in future reports.

The requirements for collection of confirmation monitoring samples following installation of control measures are described in Section D in Part I 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. Permit Section D.3 defines a 'measurable storm event' as

> "…a storm event after installation of applicable control measures that results in an actual discharge from that Site or Sites and that produces sufficient volume to perform the required analyses, provided the interval since the preceding sampled storm event is at least fifteen (15) days." (Section D.3)

For each sampling event, the Permittees must identify the following pertinent information for the storm event that resulted in an actual discharge from the Sites:

- the date and duration (in hours) of the storm event sampled;
- rainfall measurements (in inches) of the storm event that generated the sampled runoff; and
- the duration between the storm event samples and the end of the previous measurable storm event.

The meteorological data may be taken from the nearest meteorological tower or rain gage.

All samples collected for purposes of confirmation monitoring must be taken at the SMA locations specified in Appendix A, Table A-1, of the Permit. The pollutants of concern to be monitored for each

SMA are specified in Appendix B of the Permit. At a minimum, all SMAs must be monitored for metals, gross alpha radiation, Ra-226 + Ra-228, and cyanide (weak acid dissociable). Some SMAs must also be monitored for PCBs, high explosives, or other organic compounds as specified in Appendix B. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, with the exception of the other test procedures specified in Section C in Part 1 of the Permit.

The validated analytical monitoring results from confirmation samples are compared with the applicable Target Action Levels (TALs) established in Part I, Section C of the Permit. The TALs are not themselves effluent limitations, but are benchmarks to determine the effectiveness of control measures implemented to meet the non-numeric technology-based effluent limitations. Monitoring results based on validated analytical data showing pollutant concentrations above applicable TALs at any Site indicate that corrective action is required as provided in Part I, Section E of the Permit. As provided in Permit Section I.6, a TAL exceedance is not a noncompliance with the requirements of the Permit provided that the Permittees take the required corrective action within the relevant deadlines.

Permit Sections D.4 (a) - (b) allow the reduction of monitoring requirements if confirmation results are below applicable TALs.

- If all analytical results for a particular pollutant of concern at a particular SMA are at or below the MTAL and the average of all applicable sampling results is at or below the ATAL, or the applicable minimum quantification level (MQL), whichever is greater, monitoring of that pollutant at the same SMA is no longer required for the remaining period of the Permit.

- Similarly, if the 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.

A minimum of two confirmation samples must be collected and analyzed before removing a particular pollutant of concern or a particular SMA from monitoring requirements, except as provided in Sections E of the Permit:

- If, during any period in which two confirmation samples are required, only one confirmation sample could be collected from a measurable storm even, compliance with the applicable TALs will be determined by the single confirmation sample result. Section E.5 (d)

- 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 will be determined based on the single result from the first successful confirmation sampling event. Section E.5 (e)

Samples may not be used for confirmatory purposes or to propose reduction of monitoring requirements if the collected volume of the sample is insufficient to perform all required analyses. However, LANL uses such samples that do not meet all the confirmatory requirements for investigatory purposes. 'Investigation' samples may used for the purpose of verifying the presence of certain pollutants of concern at a particular SMA. If the analytical results from an investigation sample for certain pollutants of concern are 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 will initiate the appropriate response.

3.2 Baseline Monitoring

The initial monitoring requirements and frequency of sampling for each pollutant of concern following installation and implementation of baseline control measures vary on a site-by-site basis as specified in Section D.1 of the Permit.

- For Sites at which baseline control measures were installed and implemented prior to the November 1, 2010 effective date, two (2) or more confirmation samples shall be collected before November 1, 2011 at the associated SMAs.

- For Sites at which baseline control measures are installed within six months of the effective date, two (2) or more confirmation samples shall be collected before May 1, 2012 at the associated SMAs.

The pollutants of concern to be monitored at each SMA are specified in Appendix B of the Permit. At a minimum, initial monitoring at all SMAs must include metals, gross alpha radiation, Ra-226 + Ra-228, and cyanide (weak acid dissociable). Some SMAs must also be monitored for PCBs, high explosives, or other organic compounds as specified in Appendix B.

3.2.1 Baseline Samples Collected

Two initial baseline monitoring samples were collected in October 2010 at two SMAs located in Sandia Canyon as summarized in Table 3-1: S-SMA-2.01 and S-SMA-3.6. The two samples were collected before the effective date of the Permit, but after baseline control measures had been installed at each SMA. Both samples are designated as 'investigation' samples. For one of the samples collected, insufficient volume was collected to analyze for the all the required analytical suites. For the second sample, sufficient volume was collected but due to an error at the analytical laboratory, analysis for all the required suites was not performed.

In accordance with the requirements contained in Section D.3 in Part I of the Permit, Table 3-1 also summarizes the pertinent information for the storm event that resulted in an actual discharge from the Sites. The meteorological data is taken from the rain gage assigned to each SMA, as discussed in Section 6.2 of this Annual Report.

3.2.2 Baseline Analytical Monitoring Data

The validated analytical results for the two baseline monitoring samples collected during 2010 are presented in Appendix C, Part I, to this Annual Report. The validated results were received in January, 2011, but are being reported in this Annual Report for continuity. The results for metals, general inorganics, radioactivity, total PCBs, and other detected organics are given in separate tables in Appendix C. All analytical results for the Individual Permit storm water monitoring samples are available electronically in the "RACER at LANL" database at http://racernm.com/.

3.2.3 Baseline TAL Exceedances

Permit Section H.2 (d) requires that the Annual Report identify the pollutants which exceed applicable MTALs or ATALs. The analytical results for confirmation monitoring samples are compared with the applicable TAL values (or applicable MQL value, whichever is greater) to determine whether corrective action is required. The two baseline samples collected in 2010 are 'investigation' samples, and the results are compared with the applicable TAL values to verify the pollutants of concern that are present in storm water discharge at the sampled SMAs. Table 3-2 summarizes the applicable MTAL and ATAL exceedances for the baseline investigation samples collected during 2010.

- At S-SMA-2.01, the filtered sample results for dissolved aluminum and dissolved copper exceeded the respective MTAL values of 750 µg/L and 4.3 µg/L.

- At S-SMA-3.6, the filtered sample results for dissolved copper and dissolved zinc exceeded the respective MTAL values of 4.3 µg/L and 42 µg/L.

- At S-SMA-2.01, the single unfiltered sample result for Total PCBs exceeded the ATAL value of 0.00064 µg/L. However, if a second sample is collected at S-SMA-2.01 and analyzed for Total PCBs, the geometric mean value for the two samples will be calculated and compared with the ATAL value to verify whether Total PCBs is a pollutant of concern.

Table 3-1. Summary of Baseline Monitoring Samples Collected during 2010

Permitted Feature	Site Monitoring Area	Site(s)	Sample Date	Sample Type [1]	Storm Event Information [2]				Analyses Performed [3]				
					Rain Gage	Duration (hours)	24-hr Total (in)	Interval (days)	Rad	Metals	CN (wad)	PCBs	Other
S003A	S-SMA-2.01	03-052(b)	10/20/2010	INV	RG121.9	3.58	0.81	--	X	X		X	
S006	S-SMA-3.6	60-007(b)	10/20/2010	INV	RG121.9	3.58	0.81	--		X			

Notes:

1) INV = investigation sample. An investigation does not meet all the requirements for a confirmation monitoring sample. "Confirmation" samples must be collected during "measurable storm events" occurring at least fifteen (15) days apart. A "measurable storm event" is a storm event that results in an actual discharge from the Site(s) and that produces sufficient volume to perform the required analyses, provided the interval since the preceding sampled storm event is at least fifteen (15) days.

2) For each sampling event, the date and duration (in hours) of the storm event sampled, rainfall measurements (in inches) and the interval between the storm event samples and the end of the previous measurable storm event must be reported using meteorological information from the nearest rain gage. Rain gage assignments for SMAs during 2010 are described in Section 6 of this Annual Report and in the SDPPP. If the first sampled storm event of the season is being reported, no value is given for the interval between storm events.

3) Rad: gross alpha radiation; Ra-226+Ra-228. Metals: aluminum, antimony, arsenic, boron, cadmium, chromium, cobalt, copper, lead, nickel, silver, thallium, vanadium, zinc (dissolved); mercury, selenium (total). CN(wad): weak acid dissociable cyanide. PCBs: Total PCB congeners. Other: DIOX (2,3,7,8-TCDD); HE (high explosives); PEST (pesticides); SVOA (semivolatile organic analytes). See Section C in Part I of the Permit for individual organic analytes.

Table 3-2. Summary of TAL Exceedances for Baseline Samples Collected during 2010

Permitted Feature	Site Monitoring Area	Sample Date	Sample Type	F/UF	Analyte	Result (µg/L)	MTAL (µg/L)	ATAL (µg/L)
S003A	S-SMA-2.01	10/20/2010	INV	F	Aluminum	1060	750	
				F	Copper	7.4	4.3	
				UF	Total PCBs	0.346		0.00064
S006	S-SMA-3.6	10/20/2010	INV	F	Copper	14.1	4.3	
				F	Zinc	152	42	

INV = Investigative sample; F = Filtered; UF = unfiltered; MTAL = Maximum Target Action Level; ATAL = Average Target Action Level

3.2.4 Changes in Monitoring Requirements

The requisite minimum two confirmation samples were not collected at any SMA during the 2010 annual reporting period; therefore, no changes in monitoring requirements are proposed.

3.3 Corrective Actions Monitoring

No Corrective Action monitoring samples were collected during the 2010 annual reporting period.

Section 4. Baseline Control Measures Activities

4.1 Overview

Permit Section H.2 (e) requires that the Annual Report provide a description of baseline control measures installed, including the completion date or targeted completion date. Section A of the Permit requires the Permittees to install baseline control measures (BCMs) at all permitted Sites identified in Appendix A to the Permit as necessary to meet the non-numeric technology-based effluent limits intended to minimize pollutants in storm water discharges. The Permittees must select, design, install and implement BCMs - including best management practices (BMPs) - in accordance with good engineering practices and manufacturer's specifications. The BCMs must address the following non-numeric technology-based effluent limitations as listed in Sections A.1 – 5 of the Permit.

1. Erosion and sedimentation controls
2. Management of run-on and runoff
3. Employee training
4. Elimination of unauthorized discharges
5. Other controls, where applicable, such as:
   a) controls to ensure that no waste, garbage, or floatable debris are discharged to receiving waters;
   b) minimization of dust generation and off-site vehicle tracking;
   c) minimization of the introduction of raw, final, or waste materials to exposed areas; and/or
   d) placement of flow velocity dissipation devices if the flows would otherwise create erosive conditions.

4.2 Description of Baseline Control Measures

Permit Section H.2 (e) requires that the Annual Report provide a description of the specific BCMs installed or to be installed at each Site. A detailed list of all structural BCMs installed at each SMA to meet the requirements of Appendix E of the Permit is provided in Appendix D to this Annual Report.

The general types and intended purposes of structural BCMs are described in Appendix E, Section I, of the Permit.

- Erosion and sediment control measures are intended to minimize the potential for erosion occurring when storm water runoff flows across am area and to retain transported sediment onsite.

- Run-on and runoff control measures are intended to divert, infiltrate, reuse, contain, or otherwise reduce storm water run-on and/or runoff.

- Types of BCMs installed or to be installed, and the purpose of each type of control measure, are specified for each permitted SMA in Appendix E, Table E-1, Baseline control measures installed or planned for installation, listed by SMA.

4.2 Baseline Control Measures Installation & Certification

Permit Section H.2. (e) requires that the Annual Report include the completion date or targeted completion date for BCMs installed. The detailed list of all installed BCMs provided in Appendix D also includes the completion date or targeted completion date, and the certification date for each BCM.

Section B.1 of the Permit establishes the six-month schedule for installation and implementation.

- The Permittees must install and implement the BCMs at all SMAs by April 30, 2011, within six (6) months of the effective date of the Permit, with the exception of those SMAs where BCM installation was completed prior to the effective date of the Permit.

- Appendix E, Table E-2, lists 65 SMAs where BCM installation and implementation were completed prior to the effective date of the Permit, and specifies that "baseline control measures associated with these SMAs shall be certified within 30 days of the effective date of the Permit." In the NPDES Permit No. NM0030759 Response to Comments, dated September 28, 2010, U.S. EPA Region 6 concurred with LANL's request in Comment 12 to remove two (2) SMAs from Table E-2: P-SMA-0.3 and DP-SMA-3.

- The Permittees shall certify completion of BCMs to address the non-numeric effluent limits to EPA within 30 days of completion of such measures, or if such measures have already been installed, then by December 1, 2010, within 30 days after the effective date of the Permit.

BCM activities during the 2010 annual reporting period were conducted as follows.

1. Structural BCMs described in Appendix E of the Permit were selected, designed, and installed to perform the functions specified in Table E-1.

2. Field verification was conducted to ensure that BCMs were properly installed, performed the required function(s), and met the Appendix E requirements.

3. Photographic documentation was prepared for all completed BCMs.

4. Certification documentation, including the photographs, was prepared and submitted to EPA and NMED within 30 days of verification.

Field verification of installed BCMs is accomplished by separate visual inspections carried out by LANS and DOE-LASO qualified technical personnel. Following verification by both LANS and DOE, the BCM certification documentation is prepared and submitted to EPA within 30 days of the final verification inspection. The BCM certification documentation for each Permitted Feature/SMA consists of a list of the uniquely identified control measures, the type and description of the BCM, and the function performed - erosion control, sediment control, run-on control and/or runoff control.

Table 4-1 summarizes the progress made during 2010 and the first two months of 2011 to meet the Permit requirements for BCM installation, implementation, and certification. Table 4-2 summarizes the progress made to meet the Permit requirements for certification of completed BCMs.

Table 4-1. Summary of Baseline Control Measures Installation & Certification as of February 28, 2011

Watershed	Number of Permitted Features / SMAs	Number of BCMs Installed as of Dec. 31, 2010	Number of BCMs Verified & Certified	Number of SMAs with Verified & Certified BCMs
Los Alamos / Pueblo	64	327	281 *(86%)*	49 *(77%)*
Sandia	19	105	86 *(82%)*	13 *(68%)*
Mortandad	45	311	281 *(90%)*	39 *(87%)*
Pajarito	51	330	307 *(93%)*	46 *(90%)*
Water / Cañon de Valle	50	395	381 *(96%)*	43 *(86%)*
Ancho	9	69	69 *(100%)*	9 *(100%)*
Chaquehui	12	130	130 *(100%)*	12 *(100%)*
Total:	250	1,667	1,535 *(92%)*	211 *(84%)*

Table 4-2. Summary of Baseline Control Measure Certification Documentation
Submitted as of February 11, 2011

Target Certification Date	Submittal Date	Certification Document	Number of SMAs & Sites Certified
12/1/2010	11/23/2010	ENV-RCRA-10-218 / LA-UR-10-07681	63 SMAs 102 Sites
List of Certified SMAs			
2M-SMA-1	CDB-SMA-1.65	M-SMA-12.92	P-SMA-1
2M-SMA-1.43	CHQ-SMA-5.05	PJ-SMA-1.05	P-SMA-2
2M-SMA-1.5	DP-SMA-2	PJ-SMA-2	PT-SMA-3
2M-SMA-2.2	LA-SMA-0.85	PJ-SMA-4.05	PT-SMA-4.2
3M-SMA-0.2	LA-SMA-1.25	PJ-SMA-5	R-SMA-2.05
ACID-SMA-1.05	LA-SMA-3.1	PJ-SMA-6	R-SMA-2.3
ACID-SMA-2	LA-SMA-4.1	PJ-SMA-7	S-SMA-0.25
ACID-SMA-2.1	LA-SMA-4.2	PJ-SMA-8	S-SMA-2
A-SMA-1.1	LA-SMA-5.35	PJ-SMA-9	S-SMA-3.6
A-SMA-3	LA-SMA-5.91	PJ-SMA-14.6	STRM-SMA-1.05
CDB-SMA-0.15	LA-SMA-5.92	PJ-SMA-14.2	STRM-SMA-1.5
CDB-SMA-0.25	LA-SMA-6.25	PJ-SMA-14.3	STRM-SMA-4.2
CDB-SMA-1.15	LA-SMA-6.27	PJ-SMA-16	STRM-SMA-5.05
CDB-SMA-1.35	M-SMA-1	PJ-SMA-17	W-SMA-1
CDB-SMA-1.54	M-SMA-4	PJ-SMA-18	W-SMA-9.5
CDB-SMA-1.55	M-SMA-12.5	PJ-SMA-19	

Table 4-2, cont'd. Summary of Baseline Control Measure Certification Documentation Submitted as of February 11, 2011

Target Certification Date	Submittal Date	Certification Document	Number of SMAs Certified
12/16/2010	12/16/2010	ENV-RCRA-10-244 / LA-UR-10-08294	65 SMAs 92 Sites
List of Certified SMAs			
ACID-SMA-2.01	LA-SMA-6.31	M-SMA-11.1	S-SMA-3.52
B-SMA-0.5	LA-SMA-6.32	M-SMA-12.7	S-SMA-3.53
B-SMA-1	LA-SMA-6.34	M-SMA-12.8	S-SMA-3.7
CDB-SMA-4	LA-SMA-6.36	M-SMA-12.9	S-SMA-3.71
DP-SMA-0.4	LA-SMA-6.38	M-SMA-13	S-SMA-3.72
DP-SMA-1	LA-SMA-6.395	PJ-SMA-20	S-SMA-4.1
DP-SMA-2.35	LA-SMA-6.5	PRATT-SMA-1.05	S-SMA-5.2
DP-SMA-4	LA-SMA-10.11	P-SMA-0.3	T-SMA-1
LA-SMA-0.9	M-SMA-1.2	P-SMA-2.15	T-SMA-2.5
LA-SMA-1	M-SMA-1.21	P-SMA-3.05	T-SMA-2.85
LA-SMA-1.1	M-SMA-3.1	R-SMA-0.5	T-SMA-3
LA-SMA-2.3	M-SMA-6	R-SMA-1.95	T-SMA-4
LA-SMA-3.9	M-SMA-7	R-SMA-2.5	T-SMA-5
LA-SMA-5.01	M-SMA-7.9	S-SMA-2.01	T-SMA-6.8
LA-SMA-5.31	M-SMA-10	S-SMA-2.8	T-SMA-7
LA-SMA-5.33	M-SMA-10.01	S-SMA-3.51	T-SMA-7.1
LA-SMA-6.3			

Table 4-2, cont'd. Summary of Baseline Control Measure Certification Documentation Submitted as of February 11, 2011

Target Certification Date	Submittal Date	Certification Document	Number of SMAs Certified
1/12/2011	1/12/2011	ENV-RCRA-11-0002 / LA-UR-11-00114	57 SMAs 103 Sites
List of SMAs Certified			
2M-SMA-1.42	CDB-SMA-0.55	CDV-SMA-8.5	W-SMA-6
2M-SMA-1.44	CDB-SMA-1	CDV-SMA-9.05	W-SMA-7
2M-SMA-1.45	CDV-SMA-1.2	F-SMA-2	W-SMA-7.8
2M-SMA-1.65	CDV-SMA-1.3	PJ-SMA-5.1	W-SMA-7.9
2M-SMA-1.7	CDV-SMA-1.4	PJ-SMA-10	W-SMA-8
2M-SMA-1.8	CDV-SMA-1.45	PJ-SMA-11	W-SMA-8.7
2M-SMA-1.9	CDV-SMA-1.7	PJ-SMA-11.1	W-SMA-8.71
2M-SMA-2	CDV-SMA-2.3	PJ-SMA-13.7	W-SMA-9.05
2M-SMA-2.5	CDV-SMA-2.41	PJ-SMA-14.8	W-SMA-9.7
2M-SMA-3	CDV-SMA-2.42	W-SMA-1.5	W-SMA-9.8
3M-SMA-0.4	CDV-SMA-2.5	W-SMA-2.05	W-SMA-9.9
3M-SMA-0.5	CDV-SMA-2.51	W-SMA-3.5	W-SMA-10
3M-SMA-0.6	CDV-SMA-7	W-SMA-4.1	W-SMA-11.7
3M-SMA-4	CDV-SMA-8	W-SMA-5	W-SMA-12.05
			W-SMA-15.1

Target Certification Date	Submittal Date	Certification Document	Number of SMAs Certified
2/11/2011	2/10/2011	ENV-RCRA-11-0026 / LA-UR-11-00912	26 SMAs 46 Sites
List of SMAs Certified			
A-SMA-2	CDV-SMA-3	CHQ-SMA-1.03	CHQ-SMA-7.1
A-SMA-2.5	CDV-SMA-4	CHQ-SMA-2	DP-SMA-3
A-SMA-2.7	CDV-SMA-6.01	CHQ-SMA-3.05	M-SMA-1.22
A-SMA-2.8	CDV-SMA-6.02	CHQ-SMA-4	M-SMA-9.1
A-SMA-3.5	CHQ-SMA-0.5	CHQ-SMA-4.1	PJ-SMA-3.05
A-SMA-4	CHQ-SMA-1.01	CHQ-SMA-4.5	
A-SMA-6	CHQ-SMA-1.02	CHQ-SMA-6	

Section 5. Corrective Actions Activities

5.1 Overview

Permit Section H.2 (f) requires that the Annual Report include a description of corrective actions required under Section E of the Permit to be taken or having been taken, including completion date or targeted completion date, and progress update.

No Section E corrective actions were required as a result of target action level exceedances during the 2010 annual reporting period.

Section 6. Summary of Inspections

6.1 Overview

Section 6 of this Annual Report summarizes the Permittees activities during the 2010 annual reporting period to meet the requirements for three types of inspections specified in Part I of the Permit.

Post-Storm Inspection (Section G.2): Inspections of control measures at any Site affected by a "storm rain event" are reported in Section 6.2.

Erosion Inspection & Reevaluation (Section G.2): Annual Site-specific inspection for changes of conditions affecting erosion or after notice of a significant event which could impact the control measures are reported in Section 6.3.

TAL Exceedance Inspection (Section E.1): Visual inspection for all Sites at SMAs where TAL exceedances are observed are reported in Section 6.4.

6.2 Post-Storm Inspections

During the period January 1 – October 31, 2010, the Permittees conducted post-storm inspections pursuant to the Section A.2 (b) requirements in the 2009 Permit in order to ensure that all control measures were maintained in effective operating condition. The 2009 Permit requirements for post-storm inspections are substantially the same as those provided in modified Permit that went into effect on November 1, 2010.

Effective November 1, 2010, Permit Section G.2 requires that the facility's Pollution Prevention Team 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-inch or more intensive rain event occurring within 30 minutes.

- If several storms exceeding the above intensity threshold occur over a period not to exceed 15 days from the first event, a single inspection following these storms is sufficient for compliance, provided that the inspection occurs no more than 15 days from the date of the first storm.

Precipitation data is collected year-round at LANL meteorological towers and is publicly available on the LANL Weather Machine at http://weather.lanl.gov/. In addition, an extensive seasonal rain gage network is deployed during the months of April through November when rain precipitation is most likely to occur on the Pajarito Plateau. Using a geospatial information system, SMAs are given a seasonal assignment to an individual rain gage using the method of Thiessen polygons. The use of the extended

rain gage network directs the Pollution Prevention Team response to only those SMAs where precipitation exceeds the established trigger amount.

The Table 6-1 lists the rain gages in use for the 2010 season, and the numbers of SMAs and Sites assigned to each rain gage. A detailed list of the rain gage - SMA assignments is given in Table F-1 in Appendix F to this Annual Report. The location of the rain gages and the Thiessen polygon diagram used during 2010 is shown in Figure F-1.

Table 6-2 summarizes post-storm inspections during the 2010 annual reporting period triggered by "storm rain events" that met or exceeded the 30-minute 0.25-inch threshold; Table F-2 in Appendix F to this Annual Report provides additional rain gage-specific information. Inspections were triggered by storm rain events occurring at one or more rain gage on 24 separate days. During the monsoon period in July and August, several storm rain events occurred over a period less than 15 days from the first event. As allowed by the Permit, a single inspection following these storms was conducted no more than 15 days from the date of the first storm. Table F-3 in Appendix F to this Annual Report lists the SMAs where post-storm inspections conducted, and indicates where a single inspection was conducted following two or more closely spaced storm rain events.

As shown in Table 6-2, 1,215 post-storm inspections were conducted at SMAs in response to the triggering storm events. Of the 1,215 post-storm inspections conducted, 1,152 (95%) were conducted within 15 days of the triggering storm rain event. The 15-day target date was not met for 63 inspections due to the following circumstances.

- In July, 2010, a health and safety issue at High Explosives areas was identified during reviews of work scope, work groups, and planning processes. All field work in the affected High Explosives areas was paused beginning July 12, 2010, pending resolution of the health and safety issues. Permission to fully resume work was given on August 4, 2010. Fifty-seven (57) post-storm inspections were not completed within 15 days as a result of the safety pause. All inspections were completed within one week following release of work.

- Six post-storm inspections were not completed within the 15 days due to clerical errors. However, all six inspections were completed within eight (8) days of the end of the 15-day period.

Table 6-1. Individual Permit Rain Gage Network during 2010

Rain Gage	Number of SMAs	Number of Sites
LANL Meteorology Towers		
RG-NCOM	3	3
RG-TA-06	23	30
RG-TA-53	11	21
RG-TA-54	6	11
LANL seasonal rain gages		
RG038	34	70
RG055.5	16	25
RG121.9	22	30
RG200.5	23	51
RG203	12	18
RG240	5	5
RG245.5	19	43
RG253	9	17
RG257	29	56
RG262.4	14	21
RG265	4	6
RG267.4	5	8
RG340	15	34

Table 6-2. Summary of Post-Storm Inspections During 2010

Storm Date	Inspection Deadline	Number of Rain Gages Triggered	Number of SMA Inspections	Number of Inspections Completed Within 15 Days
4/18/2010	5/2/2010	1	9	9
4/19/2010	5/3/2010	2	26	25
5/14/2010	5/28/2010	4	65	65
5/28/2010	6/11/2010	1	15	15
6/24/2010	7/8/2010	3	41	37
6/28/2010	7/12/2010	4	71	65
7/2/2010	7/16/2010	5	38	23
7/9/2010	7/23/2010	6	55	21
7/22/2010	8/5/2010	8	122	119
7/23/2010	8/6/2010	1	4	4
7/24/2010	8/7/2010	2	19	19
7/30/2010	8/13/2010	7	90	90
8/4/2010	8/18/2010	1	22	22
8/5/2010	8/19/2010	11	138	138
8/9/2010	8/23/2010	1	7	7
8/12/2010	8/26/2010	1	3	3
8/15/2010	8/29/2010	8	100	100
8/16/2010	8/30/2010	4	18	18
8/23/2010	9/6/2010	8	76	75
9/21/2010	10/5/2010	3	37	37
9/22/2010	10/6/2010	6	137	137
10/1/2010	10/15/2010	2	23	23
10/2/2010	10/16/2010	3	53	53
10/20/2010	11/3/2010	4	46	46
			1,215	1,151 (95%)

6.3 Erosion Inspections and Reevaluation

Effective November 1, 2010, Section G.1 in Part I of the Permit requires that the facility's Pollution Prevention Team (PPT) inspect and evaluate each Site annually for changes of conditions affecting erosion. Erosion inspection and reevaluation inspections are scheduled for the 2011 annual reporting period, and were not conducted during the 2010 annual reporting period.

The facility's PPT must also re-inspect and reevaluate all Sites after notice of a significant event, such as a fire, which could significantly impact the control measures and environmental conditions in the affected area. No significant event requiring re-inspection of all Sites occurred during the 2010 annual reporting period.

6.4 TAL Exceedance Inspections

Effective November 1, 2010, Section E.1 in Part I of the Permit requires that if, following installation baseline control measures, any validated sample analytical result for a specific pollutant of concern at a particular SMA is greater than the applicable MTAL or the average of all applicable sampling results is greater than the applicable ATAL (or applicable MQL, whichever is greater), the Permittees must conduct visual inspections for all Sites within the SMA drainage area, reevaluate the existing control measures, and initiate corrective action as soon as practicable.

No validated sample analytical results were received during the 2010 annual reporting period; therefore, no TAL exceedance inspections were performed prior to December 31, 2010. TAL exceedance inspections at SMAs where samples were collected during October 2010 are scheduled for the 2011 annual reporting period.

Section 7. Summary of SDPPP Changes

7.1 Overview

The Permit requires that the initial Site Discharge Pollution Prevention Plan be completed and submitted to EPA no later than May 1, 2011; i.e., within six months of the November 1, 2010 effective date of the Permit. The SDPPP must be updated annually to fully incorporate all changes made during the previous year and to reflect any changes projected for the following year. Effective November 1, 2010, Permit Section F.3 requires that the Permittees keep documents and records with the SDPPP as necessary to reflect:

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 last 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.

Additionally, Section I.1 of the Permit requires that steps taken to minimize discharges of contaminated runoff during remediation activity shall be included in the SDPPP update.

This Annual Report for the reporting period January 1 – December 31, 2010 predates completion and submittal to EPA of the initial Individual Permit SDPPP. Therefore, there are no changes from the previous year's SDPPP to report.

Section 8. References

EPA 2009: *Individual Permit for Storm Water Discharge from SWMUs and AOCs*, NPDES Permit No. NM0030759. Effective date April 1, 2009.

EPA 2010a: U.S. EPA Region 6, Water Quality Protection Division, to the U.S. EPA Clerk of the Board, Environmental Appeals Board, re: Los Alamos National Laboratory, NPDES Permit No. NM0030759, NPDES Appeal No. 09-05. April 26, 2010. http://yosemite.epa.gov/OA/EAB_WEB_Docket.nsf/Filings%20By%20Appeal%20Number/295AB4FA8283984E852577180061E523/$File/Letter%20re%20Notice%20of%20the%20Conditions%20of%20the%20Permit...35.pdf

EPA 2010b: *Individual Permit for Storm Water Discharge from SWMUs and AOCs*, Final Permit Modification Decision, NPDES Permit No. NM003075. Effective date November 1, 2010. ftp://ftp.nmenv.state.nm.us/www/swqb/NPDES/Permits/NM0030759-LANLStormwater.pdf

LANL 2010a: *Submittal of Certification of Completion of Baseline Control Measures for 63 Site Monitoring Areas, Dated December 1, 2010*; ENV-RCRA-10-218, LAUR-10-07681. December 1, 2010.

LANL 2010b: *Submittal of Certification of Completion of Baseline Control Measures for 65 Site Monitoring Areas, Dated December 16, 2010*; ENV-RCRA-10-244, LAUR-10-08294. December 16, 2010.

LANL 2011a: *Submittal of Certification of Completion of Baseline Control Measures for 57 Site Monitoring Areas, Dated January 12, 2011*; ENV-RCRA-11-0002, LAUR-11-00114. January 12, 2011.

LANL 2011b: *Submittal of Certification of Completion of Baseline Control Measures for 26 Site Monitoring Areas, Dated February 11, 2011*; ENV-RCRA-11-0026, LAUR-11-00912. February 11, 2011.

NMED 2005: State of New Mexico, Compliance Order on Consent Proceeding Under the New Mexico Hazardous Waste Act § 74-4-10 and the New Mexico Solid Waste Act § 74-9-36(D) Issued to the United States Department of Energy, and the Regents of University of California for the Los Alamos National Laboratory, Los Alamos, New Mexico, March 1, 2005. (March 2005). http://www.nmenv.state.nm.us/hwb/lanl/OrderConsent/03-01-05/Order_on_Consent_2-24-05.pdf

NMED 2006: New Mexico Environment Department - Hazardous Waste Bureau. Re: 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. September 13, 2006.

NMED 2007: New Mexico Environment Department - Hazardous Waste Bureau. 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, EPA ID #NM0890010515, HWB-LANL-07-016. August 13, 2007.

NMED 2008: New Mexico Environment Department - Hazardous Waste Bureau. Re: Approval of Los Alamos National Laboratory Proposal for No Further Action, Los Alamos National Laboratory, EPA ID #NM0890010515, HWB-LANL-02-019. January 23, 2008.

NMED 2010a**:** New Mexico Environment Department - Hazardous Waste Bureau. 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, April 6, 2010.

NMED 2010b**:** New Mexico Environment Department - Hazardous Waste Bureau. Re: Certificates of Completion, Upper Mortandad Canyon Aggregate Area, Los Alamos National Laboratory, EPA ID #NM0890010515, HWB-LANL-10-055, September 7, 2010.

NMED 2010c: New Mexico Environment Department - Hazardous Waste Bureau. Re: Certificates of Completion, Upper Los Alamos Canyon Aggregate Area, Los Alamos National Laboratory, EPA ID #NM0890010515, HWB-LANL-10-056, September 10, 2010.

NMED 2011: New Mexico Environment Department - Hazardous Waste Bureau. 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, January 14, 2011.

NPDES Permit No. NM0030759

Individual Permit Annual Report

January 1 – December 31, 2010

APPENDIX A

Permitted Features, Site Monitoring Areas, and Sites

LA-UR-11-10019

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Table A-1. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Los Alamos/Pueblo	Rendija Canyon	R001	R-SMA-0.5	C-00-020
		R002	R-SMA-1	C-00-041
		R003	R-SMA-1.95	00-015
		R004	R-SMA-2.05	00-011(c)
		R005	R-SMA-2.3	00-011(e)
		R006	R-SMA-2.5	00-011(a)
Los Alamos/Pueblo	Bayo Canyon	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
		B002	B-SMA-1	00-011(d)
Los Alamos/Pueblo	Pueblo Canyon	P001	ACID-SMA-1.05	00-030(g)
		P002	ACID-SMA-2	01-002(b)-00
				45-001
				45-002
				45-004
		P002A	ACID-SMA-2.01	00-030(f)
		P003	ACID-SMA-2.1	01-002(b)-00
		P004	P-SMA-0.3	00-018(b)
		P005	P-SMA-1	73-001(a)
				73-004(d)
		P006	P-SMA-2	73-002
				73-006
		P007	P-SMA-2.15	31-001
		P008	P-SMA-2.2	00-019
		P009	P-SMA-3.05	00-018(a)
Los Alamos/Pueblo	Los Alamos Canyon	L001	LA-SMA-0.85	03-055(c)
		L002	LA-SMA-0.9	00-017
				C-00-044
		L003	LA-SMA-1	00-017
				C-00-044
		L004	LA-SMA-1.1	43-001(b2)

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Los Alamos/Pueblo	Los Alamos Canyon	L005	LA-SMA-1.25	C-43-001
		L006	LA-SMA-2.1	01-001(f)
		L007	LA-SMA-2.3	01-001(b)
		L008	LA-SMA-3.1	01-001(e)
				01-003(a)
		L009	LA-SMA-3.9	01-001(g)
				01-006(a)
		L010	LA-SMA-4.1	01-003(b)
				01-006(b)
		L011	LA-SMA-4.2	01-001(c)
				01-006(c)
				01-006(d)
		L012	LA-SMA-5.01	01-001(d)
				01-006(h)
		L012A	LA-SMA-5.02	01-003(e)
		L013	LA-SMA-5.2	01-003(d)
		L014	LA-SMA-5.35	C-41-004
		L015	LA-SMA-5.31	41-002(c)
		L016	LA-SMA-5.33	32-004
		L017	LA-SMA-5.361	32-002(b)
		L017A	LA-SMA-5.362	32-003
		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)

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Los Alamos/Pueblo	Los Alamos Canyon	L018A	LA-SMA-5.52	02-003(b)
				02-007
				02-008(c)
		L018B	LA-SMA-5.53	02-009(a)
		L018C	LA-SMA-5.54	02-009(c)
		L019	LA-SMA-5.91	21-009
				21-021
				21-023(c)
				21-027(d)
		L019A	LA-SMA-5.92	21-013(b)
				21-013(g)
				21-018(a)
				21-021
		L020	LA-SMA-6.25	21-021
				21-024(d)
				21-027(c)
		L021	LA-SMA-6.27	21-021
				21-027(c)
		L022	LA-SMA-6.3	21-006(b)
		L022A	LA-SMA-6.31	21-027(a)
		L023	LA-SMA-6.32	21-021
		L024	LA-SMA-6.34	21-021
				21-022(h)
		L025	LA-SMA-6.36	21-021
				21-024(a)
		L026	LA-SMA-6.38	21-021
				21-024(c)
		L027	LA-SMA-6.395	21-021
				21-024(j)
		L028	LA-SMA-6.5	21-021
				21-024(i)
		L029	LA-SMA-9	26-001
				26-002(a)
				26-002(b)
				26-003
		L030	LA-SMA-10.11	53-002(a)
		L030A	LA-SMA-10.12	53-008
Los Alamos/Pueblo	DP Canyon	D001	DP-SMA-0.3	21-029

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Los Alamos/Pueblo	DP Canyon	D002	DP-SMA-0.4	21-021
		D003	DP-SMA-0.6	21-021
				21-024(l)
		D004	DP-SMA-1	21-011(k)
				21-021
		D005	DP-SMA-2	21-021
				21-024(h)
		D006	DP-SMA-2.35	21-021
				21-024(n)
		D007	DP-SMA-3	21-013(c)
				21-021
		D008	DP-SMA-4	21-021
Sandia	Sandia Canyon	S001	S-SMA-0.25	03-013(a)
				03-052(f)
		S002	S-SMA-1.1	03-029
		S003	S-SMA-2	03-012(b)
				03-045(b)
				03-045(c)
				03-056(c)
		S003A	S-SMA-2.01	03-052(b)
		S004	S-SMA-2.8	03-014(c2)
		S005	S-SMA-3.51	03-009(i)
		S005A	S-SMA-3.52	03-021
		S005B	S-SMA-3.53	03-014(b2)
		S006	S-SMA-3.6	60-007(b)
		S007	S-SMA-3.7	53-012(e)
		S008	S-SMA-3.71	53-001(a)
		S009	S-SMA-3.72	53-001(b)
		S010	S-SMA-3.95	20-002(a)
		S011	S-SMA-4.1	53-014
		S012	S-SMA-4.5	20-002(d)
		S013	S-SMA-5	20-002(c)
		S014	S-SMA-5.2	20-003(c)
		S015	S-SMA-5.5	20-005
		S016	S-SMA-6	72-001

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Mortandad	Canada del Buey	C001	CDB-SMA-0.15	04-003(a)
				04-004
		C002	CDB-SMA-0.25	46-004(c2)
		C003	CDB-SMA-0.55	46-004(e2)
				46-004(g)
				46-004(m)
				46-004(s)
				46-006(f)
		C004	CDB-SMA-1	46-003(c)
				46-004(d2)
				46-004(f)
				46-004(t)
				46-004(w)
				46-008(g)
				46-009(a)
				C-46-001
		C005	CDB-SMA-1.15	46-004(b)
				46-004(y)
				46-004(z)
				46-006(d)
		C006	CDB-SMA-1.35	46-004(a2)
				46-004(u)
				46-004(v)
				46-004(x)
				46-006(d)
				46-008(f)
		C007	CDB-SMA-1.54	46-004(h)
				46-004(q)
				46-006(d)
		C008	CDB-SMA-1.55	46-003(e)
		C009	CDB-SMA-1.65	46-003(b)
		C010	CDB-SMA-4	54-017
				54-018
				54-020

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Mortandad	Mortandad Canyon	M001	M-SMA-1	03-050(a)
				03-054(e)
		M002	M-SMA-1.2	03-049(a)
		M002A	M-SMA-1.21	03-049(e)
		M002B	M-SMA-1.22	03-045(h)
		M003	M-SMA-3	48-001
				48-005
				48-007(c)
		M004	M-SMA-3.1	48-001
				48-007(b)
		M005	M-SMA-3.5	48-001
				48-003
		M006	M-SMA-4	48-001
				48-005
				48-007(a)
				48-007(d)
				48-010
		M007	M-SMA-5	42-001(a)
				42-001(b)
				42-001(c)
				42-002(a)
				42-002(b)
		M008	M-SMA-6	35-016(h)
		M009	M-SMA-7	35-016(g)
		M010	M-SMA-7.9	50-006(d)
		M011	M-SMA-9.1	35-016(f)
		M012	M-SMA-10	35-008
				35-014(e)
		M012A	M-SMA-10.01	35-016(e)
		M013	M-SMA-10.3	35-014(e2)
				35-016(i)
		M014	M-SMA-11.1	35-016(o)
		M015	M-SMA-12	35-016(p)
		M016	M-SMA-12.5	05-005(b)
				05-006(c)
		M017	M-SMA-12.6	05-004

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Mortandad	Mortandad Canyon	M018	M-SMA-12.7	05-002
				05-005(a)
				05-006(b)
				05-006(e)
		M019	M-SMA-12.8	05-001(a)
				05-002
		M020	M-SMA-12.9	05-001(b)
				05-002
		M021	M-SMA-12.92	00-001
		M022	M-SMA-13	05-001(c)
Mortandad	Ten-Site Canyon	T001	Pratt-SMA-1.05	35-003(h)
				35-003(p)
				35-003(r)
				35-004(h)
				35-009(d)
				35-016(k)
				35-016(l)
				35-016(m)
		T002	T-SMA-1	50-006(a)
				50-009
		T003	T-SMA-2.5	35-014(g3)
		T004	T-SMA-2.85	35-014(g)
				35-016(n)
		T005	T-SMA-3	35-016(b)
		T006	T-SMA-4	35-004(a)
				35-009(a)
				35-016(c)
				35-016(d)
		T007	T-SMA-5	35-004(a)
				35-009(a)
				35-016(a)
				35-016(q)
		T008	T-SMA-6.8	35-010(e)
		T009	T-SMA-7	04-003(b)
		T010	T-SMA-7.1	04-001
				04-002

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Pajarito	Twomile Canyon	E001	2M-SMA-1	03-010(a)
		E002	2M-SMA-1.42	06-001(a)
		E003	2M-SMA-1.43	22-014(a)
				22-015(a)
		E004	2M-SMA-1.44	06-001(b)
		E005	2M-SMA-1.45	06-006
		E006	2M-SMA-1.5	22-014(b)
		E007	2M-SMA-1.65	40-005
		E008	2M-SMA-1.67	06-003(h)
		E009	2M-SMA-1.7	03-055(a)
		E010	2M-SMA-1.8	03-001(k)
		E011	2M-SMA-1.9	03-003(a)
		E012	2M-SMA-2	03-050(d)
				03-054(b)
		E013	2M-SMA-2.2	03-003(k)
		E014	2M-SMA-3	07-001(a)
				07-001(b)
				07-001(c)
				07-001(d)
		E015	2M-SMA-2.5	40-001(c)
Pajarito	Threemile Canyon	H001	3M-SMA-0.2	15-010(b)
		H002	3M-SMA-0.4	15-006(b)
		H003	3M-SMA-0.5	15-006(c)
				15-009(c)
		H004	3M-SMA-0.6	15-008(b)
		H005	3M-SMA-2.6	36-008
				C-36-003
		H006	3M-SMA-4	18-002(b)
				18-003(c)
				18-010(f)
Pajarito	Pajarito Canyon	J001	PJ-SMA-1.05	09-013
		J002	PJ-SMA-2	09-009
		J003	PJ-SMA-3.05	09-004(o)
		J004	PJ-SMA-4.05	09-004(g)
		J005	PJ-SMA-5	22-015(c)
		J006	PJ-SMA-5.1	22-016
		J007	PJ-SMA-6	40-010
		J008	PJ-SMA-7	40-006(c)

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Pajarito	Pajarito Canyon	J009	PJ-SMA-8	40-006(b)
		J010	PJ-SMA-9	40-009
		J012	PJ-SMA-10	40-006(a)
		J013	PJ-SMA-11	40-003(a)
		J014	PJ-SMA-11.1	40-003(b)
		J015	PJ-SMA-13	18-002(a)
		J016	PJ-SMA-13.7	18-010(b)
		J017	PJ-SMA-14	54-004
		J018	PJ-SMA-14.2	18-012(b)
		J019	PJ-SMA-14.3	18-003(e)
		J020	PJ-SMA-14.4	18-010(d)
		J021	PJ-SMA-14.6	18-010(e)
		J022	PJ-SMA-14.8	18-012(a)
		J023	PJ-SMA-16	27-002
		J024	PJ-SMA-17	54-018
		J025	PJ-SMA-19	54-013(b)
				54-017
				54-020
		J026	PJ-SMA-18	54-014(d)
				54-017
		J027	PJ-SMA-20	54-017
		J028	STRM-SMA-1.05	08-009(f)
		J029	STRM-SMA-1.5	08-009(d)
		J030	STRM-SMA-4.2	09-008(b)
		J031	STRM-SMA-5.05	09-013
Water/Canon de Valle	Canon de Valle	V001	CDV-SMA-1.2	16-017(b)-99
				16-029(k)
		V002	CDV-SMA-1.3	16-017(a)-99
				16-026(m)
		V003	CDV-SMA-1.4	16-020
				16-026(l)
				16-028(c)
				16-030(c)
		V004	CDV-SMA-1.45	16-026(i)
		V005	CDV-SMA-1.7	16-019
		V006	CDV-SMA-2	16-021(c)

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Water/Canon de Valle	Canon de Valle	V007	CDV-SMA-2.3	13-001
				13-002
				16-003(n)
				16-003(o)
				16-029(h)
				16-031(h)
		V008	CDV-SMA-2.41	16-018
		V008A	CDV-SMA-2.42	16-010(b)
		V009	CDV-SMA-2.5	16-010(c)
				16-010(d)
				16-028(a)
		V009A	CDV-SMA-2.51	16-010(i)
		V010	CDV-SMA-3	14-009
		V011	CDV-SMA-4	14-010
		V012	CDV-SMA-6.01	14-001(g)
				14-006
		V012A	CDV-SMA-6.02	14-002(d)
				14-002(e)
		V013	CDV-SMA-7	15-008(d)
		V014	CDV-SMA-8	15-011(c)
		V015	CDV-SMA-8.5	15-014(a)
		V016	CDV-SMA-9.05	15-007(b)
Water/Canon de Valle	Fence Canyon	F001	F-SMA-2	36-004(c)
Water/Canon de Valle	Potrillo Canyon	I001	PT-SMA-0.5	15-009(e)
				C-15-004
		I002	PT-SMA-1	15-004(f)
				15-008(a)
		I003	PT-SMA-1.7	15-006(a)
		I004	PT-SMA-2	15-008(f)
				36-003(b)
				36-004(e)
		I004A	PT-SMA-2.01	C-36-001
				C-36-006(e)
		I005	PT-SMA-3	36-004(a)
				36-006
		I007	PT-SMA-4.2	36-004(d)

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Water/Canon de Valle	Water Canyon	W001	W-SMA-1	16-017(j)-99
				16-026(c2)
				16-026(v)
		W002	W-SMA-1.5	16-026(b2)
				16-028(d)
		W003	W-SMA-2.05	16-028(e)
		W004	W-SMA-3.5	16-026(y)
		W005	W-SMA-4.1	16-003(a)
		W006	W-SMA-5	16-001(e)
				16-003(f)
				16-026(b)
				16-026(c)
				16-026(d)
				16-026(e)
		W007	W-SMA-6	11-001(c)
		W008	W-SMA-7	16-026(h2)
		W009	W-SMA-7.8	16-031(a)
		W010	W-SMA-7.9	16-006(c)
		W011	W-SMA-8	16-016(g)
				16-028(b)
		W012	W-SMA-8.7	13-001
				13-002
				16-004(a)
				16-026(j2)
				16-029(h)
				16-035
		W012A	W-SMA-8.71	16-004(c)
		W013	W-SMA-9.05	16-030(g)
		W014	W-SMA-9.5	11-012(c)
		W015	W-SMA-9.7	11-011(a)
				11-011(b)
		W016	W-SMA-9.8	11-005(c)
		W017	W-SMA-9.9	11-006(b)

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Water/Canon de Valle	Water Canyon	W018	W-SMA-10	11-002
				11-003(b)
				11-005(a)
				11-005(b)
				11-006(c)
				11-006(d)
				11-011(d)
		W019	W-SMA-11.7	49-008(c)
		W020	W-SMA-12.05	49-001(g)
		W021	W-SMA-14.1	15-004(h)
				15-014(l)
		W022	W-SMA-15.1	49-005(a)
Ancho	Ancho Canyon	A001	A-SMA-1.1	39-004(a)
				39-004(d)
		A002	A-SMA-2	39-004(b)
				39-004(e)
		A003	A-SMA-2.5	39-010
		A004	A-SMA-2.7	39-002(c)
				39-008
		A005	A-SMA-2.8	39-001(b)
		A006	A-SMA-3	39-002(b)
				39-004(c)
		A007	A-SMA-3.5	39-006(a)
		A008	A-SMA-4	33-010(d)
		A009	A-SMA-6	33-004(k)
				33-007(a)
				33-010(a)

Table A-1, cont'd. Permitted Features, Site Monitoring Areas, and Sites

Watershed	Canyon	Permitted Feature	Site Monitoring Area	Site No.
Chaquehui	Chaquehui Canyon	Q001	CHQ-SMA-0.5	33-004(g)
				33-007(c)
				33-009
		Q002	CHQ-SMA-1.01	33-002(d)
		Q002A	CHQ-SMA-1.02	33-004(h)
				33-008(c)
				33-011(d)
				33-015
		Q002B	CHQ-SMA-1.03	33-008(c)
				33-012(a)
				33-017
				C-33-001
				C-33-003
		Q003	CHQ-SMA-2	33-004(d)
				33-007(c)
				C-33-003
		Q004	CHQ-SMA-3.05	33-010(f)
		Q005	CHQ-SMA-4	33-011(e)
		Q006	CHQ-SMA-4.1	33-016
		Q007	CHQ-SMA-4.5	33-011(b)
		Q008	CHQ-SMA-5.05	33-007(b)
		Q009	CHQ-SMA-6	33-004(j)
				33-006(a)
				33-007(b)
				33-010(c)
				33-010(g)
				33-010(h)
				33-014
		Q010	CHQ-SMA-7.1	33-010(g)

NPDES Permit No. NM0030759

Individual Permit Annual Report

January 1 – December 31, 2010

APPENDIX B

Site-Specific Compliance Status

LA-UR-11-10019

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Table B-1. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
R001	R-SMA-0.5	C-00-020	M	30-Apr-11	6-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
R002	R-SMA-1	C-00-041	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
R003	R-SMA-1.95	00-015	M	30-Apr-11	6-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
R004	R-SMA-2.05	00-011(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
R005	R-SMA-2.3	00-011(e)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
R006	R-SMA-2.5	00-011(a)	M	30-Apr-11	6-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
B001	B-SMA-0.5	10-001(a)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		10-001(b)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		10-001(c)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		10-001(d)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		10-004(a)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		10-004(b)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		10-008	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		10-009	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
B002	B-SMA-1	00-011(d)	M	30-Apr-11	6-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
P001	ACID-SMA-1.05	00-030(g)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
P002	ACID-SMA-2	01-002(b)-00	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		45-001	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		45-002	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		45-004	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
P002A	ACID-SMA-2.01	00-030(f)	M	30-Apr-11	6-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
P003	ACID-SMA-2.1	01-002(b)-00	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	

Bold text indicates High Priority Site. Green shading indicates compliance phase completed by target date.

Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
P004	P-SMA-0.3	00-018(b)	M	30-Apr-11	6-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
P005	P-SMA-1	73-001(a)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
		73-004(d)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
P006	P-SMA-2	73-002	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		73-006	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
P007	P-SMA-2.15	31-001	M	30-Apr-11	6-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
P008	P-SMA-2.2	00-019	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
P009	P-SMA-3.05	00-018(a)	H	30-Apr-11	6-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
L001	LA-SMA-0.85	03-055(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
L002	LA-SMA-0.9	00-017	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		C-00-044	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L003	LA-SMA-1	00-017	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		C-00-044	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L004	LA-SMA-1.1	43-001(b2)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L005	LA-SMA-1.25	C-43-001	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
L006	LA-SMA-2.1	01-001(f)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
L007	LA-SMA-2.3	01-001(b)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L008	LA-SMA-3.1	01-001(e)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
		01-003(a)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
L009	LA-SMA-3.9	01-001(g)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		01-006(a)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L010	LA-SMA-4.1	01-003(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		01-006(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	

Bold text indicates High Priority Site. Green shading indicates compliance phase completed by target date.

Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
L011	LA-SMA-4.2	01-001(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		01-006(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		01-006(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
L012	LA-SMA-5.01	01-001(d)	H	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		01-006(h)	H	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
L012A	LA-SMA-5.02	01-003(e)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
L013	LA-SMA-5.2	01-003(d)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
L014	LA-SMA-5.35	C-41-004	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
L015	LA-SMA-5.31	41-002(c)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L016	LA-SMA-5.33	32-004	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L017	LA-SMA-5.361	32-002(b)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
L017A	LA-SMA-5.362	32-003	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	

Bold text indicates High Priority Site. Green shading indicates compliance phase completed by target date.

Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
L018	LA-SMA-5.51	02-003(a)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-003(e)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-004(a)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-005	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-006(b)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-006(c)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-006(d)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-006(e)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-008(a)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-009(b)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-011(a)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-011(b)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-011(c)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-011(d)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
L018A	LA-SMA-5.52	02-003(b)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-007	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
		02-008(c)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
L018B	LA-SMA-5.53	02-009(a)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
L018C	LA-SMA-5.54	02-009(c)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
L019	LA-SMA-5.91	21-009	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-021	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-023(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-027(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	

Bold text indicates High Priority Site. Green shading indicates compliance phase completed by target date.

Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
L019A	LA-SMA-5.92	21-013(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-013(g)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-018(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-021	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
L020	LA-SMA-6.25	21-021	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-024(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-027(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
L021	LA-SMA-6.27	21-021	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-027(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
L022	LA-SMA-6.3	21-006(b)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
L022A	LA-SMA-6.31	21-027(a)	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L023	LA-SMA-6.32	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L024	LA-SMA-6.34	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		21-022(h)	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L025	LA-SMA-6.36	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		21-024(a)	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L026	LA-SMA-6.38	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		21-024(c)	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L027	LA-SMA-6.395	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		21-024(j)	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L028	LA-SMA-6.5	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		21-024(i)	**H**	**30-Apr-11**	**7-Dec-10**	**30-May-11**	**16-Dec-10**	**30-Apr-12**					**31-Oct-13**	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
L029	LA-SMA-9	26-001	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		26-002(a)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		26-002(b)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		26-003	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
L030	LA-SMA-10.11	53-002(a)	M	30-Apr-11	8-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
L030A	LA-SMA-10.12	53-008	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
D001	DP-SMA-0.3	21-029	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
D002	DP-SMA-0.4	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
D003	DP-SMA-0.6	21-021	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		21-024(l)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
D004	DP-SMA-1	21-011(k)	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
D005	DP-SMA-2	21-021	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		21-024(h)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
D006	DP-SMA-2.35	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		21-024(n)	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
D007	DP-SMA-3	21-013(c)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		21-021	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
D008	DP-SMA-4	21-021	M	30-Apr-11	7-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
S001	S-SMA-0.25	03-013(a)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
		03-052(f)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
S002	S-SMA-1.1	03-029	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
S003	S-SMA-2	03-012(b)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
		03-045(b)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
		03-045(c)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
		03-056(c)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
S003A	S-SMA-2.01	03-052(b)	H	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
S004	S-SMA-2.8	03-014(c2)	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
S005	S-SMA-3.51	03-009(i)	H	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
S005A	S-SMA-3.52	03-021	H	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
S005B	S-SMA-3.53	03-014(b2)	H	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
S006	S-SMA-3.6	60-007(b)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
S007	S-SMA-3.7	53-012(e)	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
S008	S-SMA-3.71	53-001(a)	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
S009	S-SMA-3.72	53-001(b)	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
S010	S-SMA-3.95	20-002(a)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
S011	S-SMA-4.1	53-014	H	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
S012	S-SMA-4.5	20-002(d)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
S013	S-SMA-5	20-002(c)	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
S014	S-SMA-5.2	20-003(c)	M	30-Apr-11	9-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
S015	S-SMA-5.5	20-005	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
S016	S-SMA-6	72-001	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
C001	CDB-SMA-0.15	04-003(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		04-004	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
C002	CDB-SMA-0.25	46-004(c2)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
C003	CDB-SMA-0.55	46-004(e2)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-004(g)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-004(m)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-004(s)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-006(f)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
C004	CDB-SMA-1	46-003(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-004(d2)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-004(f)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-004(t)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-004(w)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-008(g)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		46-009(a)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		C-46-001	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
C005	CDB-SMA-1.15	46-004(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-004(y)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-004(z)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-006(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
C006	CDB-SMA-1.35	46-004(a2)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-004(u)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-004(v)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-004(x)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-006(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-008(f)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
C007	CDB-SMA-1.54	46-004(h)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-004(q)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		46-006(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
C008	CDB-SMA-1.55	46-003(e)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
C009	CDB-SMA-1.65	46-003(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
C010	CDB-SMA-4	54-017	H	30-Apr-11	16-Nov-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		54-018	H	30-Apr-11	16-Nov-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		54-020	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
M001	M-SMA-1	03-050(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		03-054(e)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
M002	M-SMA-1.2	03-049(a)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M002A	M-SMA-1.21	03-049(e)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M002B	M-SMA-1.22	03-045(h)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
M003	M-SMA-3	48-001	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		48-005	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		48-007(c)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
M004	M-SMA-3.1	48-001	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		48-007(b)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M005	M-SMA-3.5	48-001	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		48-003	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
M006	M-SMA-4	48-001	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		48-005	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		48-007(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		48-007(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		48-010	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
M007	M-SMA-5	42-001(a)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		42-001(b)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		42-001(c)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		42-002(a)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		42-002(b)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
M008	M-SMA-6	35-016(h)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M009	M-SMA-7	35-016(g)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M010	M-SMA-7.9	**50-006(d)**	**H**	**30-Apr-11**	**13-Dec-10**	**30-May-11**	**16-Dec-10**	**30-Apr-12**					**31-Oct-13**	
M011	M-SMA-9.1	35-016(f)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
M012	M-SMA-10	35-008	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		35-014(e)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M012A	M-SMA-10.01	35-016(e)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M013	M-SMA-10.3	**35-014(e2)**	**H**	**30-Apr-11**		**30-May-11**		**30-Apr-12**					**31-Oct-13**	
		35-016(i)	**H**	**30-Apr-11**		**30-May-11**		**30-Apr-12**					**31-Oct-13**	
M014	M-SMA-11.1	35-016(o)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M015	M-SMA-12	35-016(p)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
M016	M-SMA-12.5	05-005(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		05-006(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	

Bold text indicates High Priority Site. Green shading indicates compliance phase completed by target date.

Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
M017	M-SMA-12.6	05-004	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
M018	M-SMA-12.7	05-002	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		05-005(a)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		05-006(b)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		05-006(e)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M019	M-SMA-12.8	05-001(a)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		05-002	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M020	M-SMA-12.9	05-001(b)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		05-002	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
M021	M-SMA-12.92	00-001	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
M022	M-SMA-13	05-001(c)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
T001	Pratt-SMA-1.05	35-003(h)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		35-003(p)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		35-003(r)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		35-004(h)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		35-009(d)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		35-016(k)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		35-016(l)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		35-016(m)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
T002	T-SMA-1	50-006(a)	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
		50-009	H	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-13	
T003	T-SMA-2.5	35-014(g3)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
T004	T-SMA-2.85	35-014(g)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		35-016(n)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
T005	T-SMA-3	35-016(b)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
T006	T-SMA-4	35-004(a)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		35-009(a)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		35-016(c)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		35-016(d)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
T007	T-SMA-5	35-004(a)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		35-009(a)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		35-016(a)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		35-016(q)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
T008	T-SMA-6.8	35-010(e)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
T009	T-SMA-7	04-003(b)	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
T010	T-SMA-7.1	04-001	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
		04-002	M	30-Apr-11	13-Dec-10	30-May-11	16-Dec-10	30-Apr-12					31-Oct-15	
E001	2M-SMA-1	03-010(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
E002	2M-SMA-1.42	06-001(a)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
E003	2M-SMA-1.43	22-014(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		22-015(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
E004	2M-SMA-1.44	06-001(b)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
E005	2M-SMA-1.45	06-006	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
E006	2M-SMA-1.5	22-014(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
E007	2M-SMA-1.65	40-005	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
E008	2M-SMA-1.67	06-003(h)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
E009	2M-SMA-1.7	03-055(a)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
E010	2M-SMA-1.8	03-001(k)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
E011	2M-SMA-1.9	03-003(a)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
E012	2M-SMA-2	03-050(d)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		03-054(b)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
E013	2M-SMA-2.2	03-003(k)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
E014	2M-SMA-3	07-001(a)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		07-001(b)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		07-001(c)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		07-001(d)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
E015	2M-SMA-2.5	40-001(c)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
H001	3M-SMA-0.2	15-010(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
H002	3M-SMA-0.4	15-006(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
H003	3M-SMA-0.5	15-006(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		15-009(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
H004	3M-SMA-0.6	15-008(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
H005	3M-SMA-2.6	36-008	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		C-36-003	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
H006	3M-SMA-4	18-002(b)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		18-003(c)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		18-010(f)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
J001	PJ-SMA-1.05	09-013	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
J002	PJ-SMA-2	09-009	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J003	PJ-SMA-3.05	09-004(o)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
J004	PJ-SMA-4.05	09-004(g)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J005	PJ-SMA-5	22-015(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J006	PJ-SMA-5.1	22-016	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
J007	PJ-SMA-6	40-010	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J008	PJ-SMA-7	40-006(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J009	PJ-SMA-8	40-006(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J010	PJ-SMA-9	40-009	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J012	PJ-SMA-10	40-006(a)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
J013	PJ-SMA-11	40-003(a)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
J014	PJ-SMA-11.1	40-003(b)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
J015	PJ-SMA-13	18-002(a)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
J016	PJ-SMA-13.7	18-010(b)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
J017	PJ-SMA-14	54-004	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
J018	PJ-SMA-14.2	18-012(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J019	PJ-SMA-14.3	18-003(e)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J020	PJ-SMA-14.4	18-010(d)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
J021	PJ-SMA-14.6	18-010(e)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J022	PJ-SMA-14.8	18-012(a)	M	30-Apr-11	13-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
J023	PJ-SMA-16	27-002	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J024	PJ-SMA-17	54-018	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
J025	PJ-SMA-19	54-013(b)	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
		54-017	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
		54-020	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
J026	PJ-SMA-18	54-014(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		54-017	H	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-13	
J027	PJ-SMA-20	54-017	H	30-Apr-11		30-May-11		30-Apr-12					31-Oct-13	
J028	STRM-SMA-1.05	08-009(f)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J029	STRM-SMA-1.5	08-009(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J030	STRM-SMA-4.2	09-008(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
J031	STRM-SMA-5.05	09-013	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
V001	CDV-SMA-1.2	16-017(b)-99	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-029(k)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V002	CDV-SMA-1.3	16-017(a)-99	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-026(m)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V003	CDV-SMA-1.4	16-020	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-026(l)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-028(c)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-030(c)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V004	CDV-SMA-1.45	16-026(i)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V005	CDV-SMA-1.7	16-019	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V006	CDV-SMA-2	16-021(c)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
V007	CDV-SMA-2.3	13-001	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		13-002	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-003(n)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-003(o)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-029(h)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-031(h)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V008	CDV-SMA-2.41	16-018	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V008A	CDV-SMA-2.42	16-010(b)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V009	CDV-SMA-2.5	16-010(c)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-010(d)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-028(a)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V009A	CDV-SMA-2.51	16-010(i)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V010	CDV-SMA-3	14-009	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
V011	CDV-SMA-4	14-010	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
V012	CDV-SMA-6.01	14-001(g)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		14-006	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
V012A	CDV-SMA-6.02	14-002(d)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		14-002(e)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
V013	CDV-SMA-7	15-008(d)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V014	CDV-SMA-8	15-011(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V015	CDV-SMA-8.5	15-014(a)	M	30-Apr-11	15-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
V016	CDV-SMA-9.05	15-007(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
F001	F-SMA-2	36-004(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
I001	PT-SMA-0.5	15-009(e)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		C-15-004	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
I002	PT-SMA-1	15-004(f)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		15-008(a)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
I003	PT-SMA-1.7	15-006(a)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
I004	PT-SMA-2	15-008(f)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		36-003(b)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		36-004(e)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
I004A	PT-SMA-2.01	C-36-001	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		C-36-006(e)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
I005	PT-SMA-3	36-004(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		36-006	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
I007	PT-SMA-4.2	36-004(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
W001	W-SMA-1	16-017(j)-99	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		16-026(c2)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		16-026(v)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
W002	W-SMA-1.5	16-026(b2)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-028(d)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W003	W-SMA-2.05	16-028(e)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W004	W-SMA-3.5	16-026(y)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W005	W-SMA-4.1	16-003(a)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	

Bold text indicates High Priority Site. Green shading indicates compliance phase completed by target date.

Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
W006	W-SMA-5	16-001(e)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-003(f)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-026(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-026(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-026(d)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-026(e)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W007	W-SMA-6	11-001(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W008	W-SMA-7	16-026(h2)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W009	W-SMA-7.8	16-031(a)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W010	W-SMA-7.9	16-006(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W011	W-SMA-8	16-016(g)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-028(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W012	W-SMA-8.7	13-001	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		13-002	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-004(a)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-026(j2)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-029(h)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		16-035	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W012A	W-SMA-8.71	16-004(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W013	W-SMA-9.05	16-030(g)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W014	W-SMA-9.5	11-012(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
W015	W-SMA-9.7	11-011(a)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		11-011(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	

Bold text indicates High Priority Site. Green shading indicates compliance phase completed by target date.

Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
W016	W-SMA-9.8	11-005(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W017	W-SMA-9.9	11-006(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W018	W-SMA-10	11-002	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		11-003(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		11-005(a)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		11-005(b)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		11-006(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		11-006(d)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
		11-011(d)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W019	W-SMA-11.7	49-008(c)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W020	W-SMA-12.05	49-001(g)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
W021	W-SMA-14.1	15-004(h)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
		15-014(l)	M	30-Apr-11		30-May-11		30-Apr-12					31-Oct-15	
W022	W-SMA-15.1	49-005(a)	M	30-Apr-11	22-Dec-10	30-May-11	12-Jan-11	30-Apr-12					31-Oct-15	
A001	A-SMA-1.1	39-004(a)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
		39-004(d)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
A002	A-SMA-2	39-004(b)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		39-004(e)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
A003	A-SMA-2.5	39-010	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
A004	A-SMA-2.7	39-002(c)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		39-008	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
A005	A-SMA-2.8	39-001(b)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
A006	A-SMA-3	39-002(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	

Bold text indicates High Priority Site. Green shading indicates compliance phase completed by target date.

Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
		39-004(c)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
A007	A-SMA-3.5	39-006(a)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
A008	A-SMA-4	33-010(d)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
A009	A-SMA-6	33-004(k)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-007(a)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-010(a)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q001	CHQ-SMA-0.5	33-004(g)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-007(c)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-009	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q002	CHQ-SMA-1.01	33-002(d)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q002A	CHQ-SMA-1.02	33-004(h)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-008(c)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-011(d)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-015	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q002B	CHQ-SMA-1.03	33-008(c)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-012(a)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-017	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		C-33-001	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		C-33-003	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q003	CHQ-SMA-2	33-004(d)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-007(c)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		C-33-003	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q004	CHQ-SMA-3.05	33-010(f)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	

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Table B-1, cont'd. Site-Specific Compliance Status

Permitted Feature	Site Monitoring Area	Site No. & Priority (M=Moderate; H=High)		Baseline Control Measures						Corrective Action Control Measures			Certification of Completion of Corrective Action	
				Install		Certify		Monitoring		Install	Certify	Monitor		
				Target	Actual	Target	Actual	Target	Actual				Target	Actual
Q005	CHQ-SMA-4	33-011(e)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q006	CHQ-SMA-4.1	33-016	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q007	CHQ-SMA-4.5	33-011(b)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q008	CHQ-SMA-5.05	33-007(b)	M	1-Nov-10	1-Nov-10	1-Dec-10	23-Nov-10	31-Oct-11					31-Oct-15	
Q009	CHQ-SMA-6	33-004(j)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-006(a)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-007(b)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-010(c)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-010(g)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-010(h)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
		33-014	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	
Q010	CHQ-SMA-7.1	33-010(g)	M	30-Apr-11	12-Jan-11	30-May-11		30-Apr-12					31-Oct-15	

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NPDES Permit No. NM0030759

Individual Permit Annual Report

January 1 – December 31, 2010

APPENDIX C

Monitoring Results

LA-UR-11-10019

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Monitoring Results Overview

Permit Section H.2 (c) requires that the Annual Report provide the monitoring results available during the annual reporting period. The validated analytical results for baseline monitoring samples collected during 2010 are presented in Appendix C, Part I. When available, the validated analytical results for corrective action monitoring samples will be presented in Appendix C, Part II. No corrective action monitoring samples were collected during the 2010 annual reporting period; therefore, there are no analytical monitoring data to report. All analytical results for the Individual Permit storm water monitoring samples are available electronically in the "RACER at LANL" database at http://racernm.com/.

Part III, Section C.5 (a) of the Permit states that monitoring must be conducted according to test procedures approved at 40 CFR Part 136, unless other test procedures have been specified in the permit or approved by the Regional Administrator. The following considerations apply in sample planning and preparing the monitoring data set for reporting.

- To determine the concentration 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 concentration of Ra-226 + Ra-228, expressed as picocuries per liter (pCi/L).

- The State of New Mexico Standards for Interstate and Intrastate Surface Water (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 of 1954. (NMAC 20.6.4.7.B)

- The analytical laboratory measures and reports the Gross Alpha radioactivity. If the Permittees elect to adjust the gross alpha result to exclude contributions from source, special nuclear and by-product material, the same sample must also be analyzed for selected alpha-emitting isotopes. The Permittees will then adjust the gross alpha result by subtracting the measured radioactivity due to the individually measured isotopes, and report the calculated result as "Adjusted Gross Alpha."

- The results reported for Total PCBs are calculated from the sum of detected PCB congeners measured using EPA Method 1668. Supporting documentation for the calculation of the Total

PCBs result is provided in Attachment 3 to this Annual Report as required by Appendix C of the Permit.

- In Section C in Part I of the Permit, footnote (1) to the table of pollutant-specific Target Action Level (TAL) and Minimum Quantification Level (MQL) values states that if an individual analytical test result is smaller than the MQL listed, a value of zero (0) or "ND" may be used for reporting and action purpose. Four pollutants do not have a Permit-specified MQL value: Ra-226 + Ra-228, gross alpha, RDX, and 2,4,6-Trinitrotoluene. For these four pollutants that do not have a specified MQL value, individual results that are less than the analytical method detection level are reported as zero (0).

Upon receipt from the analytical laboratory, storm water analytical results undergo verification and validation by LANL. Data verification and validation procedures are 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. Data verification is the process of evaluating the completeness, correctness, and conformance / compliance of a specific data set against the method, procedural, or contractual requirements. 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 C-1. Analytical results that have been qualified as rejected ("R" flag) due to serious noncompliance with quality control acceptance criteria shall not be used for decision-making purposes.

The validated analytical monitoring results from confirmation samples are compared with the applicable TAL or MQL value, whichever is greater, established in Part I, Section C of the Permit. The pollutant-specific Maximum TAL (MTAL), Average TAL (ATAL), and MQL values are listed in Table C-2 of this Appendix.

- Individual sample results are compared with the applicable MTAL, if available, or the applicable MQL, whichever is greater.

- For comparison with applicable ATAL values, the average result from two or more samples may be used. Section D in Part II of the Permit defines the average as the geometric mean of applicable monitoring results at the SMA.

    - If all analytical results are below analytical method detect level, a value of "zero" may be reported. If one or more data are above detect level, a value of one-half of the detect level shall be assigned to those below detect level data for calculation purpose.

- If the average value of a specific pollutant is below its MQL, a value of zero (0) may be reported for the average.

The results for metals, general inorganics, radioactivity, total PCBs, and other detected organics (as applicable) for baseline monitoring samples are provided in separate tables in Part I of this Appendix. Baseline sample results greater than MTAL and/or ATAL values are also presented in separate tables.

Table C-1. Data Qualifier Definitions

Laboratory 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 (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). (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. (Organics) quant. limit is an estimate.
UN	(Inorganic) Compound was analyzed for, but not detected and spiked sample recovery not within control limits.
X	Lab suspects result is a non-detect despite positive quantification results.

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.
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
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 C-2. Applicable Target Action Levels

Pollutant (total unless indicated)	CAS Number	STORET	MQL (µg/L)	ATAL (µg/L)	MTAL (µg/L)
Radioactivity					
Adjusted Gross Alpha (pCi/L)	---	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

ATAL = Average Target Action Level
CAS = Chemical Abstracts Service
MQL = Minimum Quantification Level
MTAL = Maximum Target Level

Table C-2, cont'd. Applicable Target Action Levels

Pollutant (total unless indicated)	CAS Number	STORET	MQL (µg/L)	ATAL (µg/L)	MTAL (µg/L)
Dioxin					
2,3,7,8-TCDD	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 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
Endrin	72-20-8	39390	0.02	---	0.086
Gamma-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					
2,4,6-Trinitrotoluene (TNT)	118-96-7	81307	---	20	---
RDX	121-82-4	81364	---	200	---

ATAL = Average Target Action Level
CAS = Chemical Abstracts Service
MQL = Minimum Quantification Level
MTAL = Maximum Target Level

Table C-3. Baseline Monitoring Samples Collected

Permitted Feature	Site Monitoring Area	Station Number	Year	F/UF	Number of Samples	Metals									
						Ag	Al	As	B	Cd	Co	Cr	Cu	Hg	Ni
S003A	S-SMA-2.01	SS091602	2010	F	1	1	1	1	1	1	1	1	1		1
				UF	1									1	
S006	S-SMA-3.6	SS12255	2010	F	1	1	1	1	1	1	1	1	1		1
				UF	1									1	

Permitted Feature	Site Monitoring Area	Station Number	Year	F/UF	Number of Samples	Metals						General Inorganics	Organics	Radioactivity	
						Pb	Sb	Se	Tl	V	Zn	CN (Total)[1]	Total PCBs	Gross Alpha[2]	Ra-226 + Ra-228
S003A	S-SMA-2.01	SS091602	2010	F	1	1	1		1	1	1				
				UF	1			1				1	1	1	1
S006	S-SMA-3.6	SS12255	2010	F	1	1	1		1	1	1				
				UF	1			1							

F = Filtered; UF = Unfiltered

1. Due to laboratory error, Total Cyanide analysis was performed rather than Cyanide, Weak Acid Dissociable.
2. The analytical laboratory reports the result for Gross Alpha, not adjusted for the presence of alpha-emitting isotopes in source, special nuclear, or by-product material.

Table C-4. Baseline Monitoring Results for Metals

Permitted Feature	Site Monitoring Area	Station Number	Sample ID	Sample Date	Sample Matrix	F/UF	Lab Sample Type	Ag	Al	As	B	Cd	Co	Cr	Cu
								EPA:200.8	EPA:200.8	EPA:200.8	EPA:200.7	EPA:200.8	EPA:200.7	EPA:200.8	EPA:200.8
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
S003A	S-SMA-2.01	SS091602	WT_IPSAN-10-26390	10/20/2010	WT	F	CS	0	1060	< 1.5	0	0	0	0	7.4
			WT_IPSAN-10-26392	10/20/2010	WT	UF	CS								
S006	S-SMA-3.6	SS12255	WT_IPSAN-11-1423	10/20/2010	WT	F	CS	0	116	< 1.5	0	0	0	0	14.1
			WT_IPSAN-11-1422	10/20/2010	WT	UF	CS								

Permitted Feature	Site Monitoring Area	Station Number	Sample ID	Sample Date	Sample Matrix	F/UF	Lab Sample Type	Ni	Pb	Sb	Se	Tl	V	Zn
								EPA:200.8	EPA:200.8	EPA:200.8	EPA:200.8	EPA:200.8	EPA:200.7	EPA:200.7
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
S003A	S-SMA-2.01	SS091602	WT_IPSAN-10-26390	10/20/2010	WT	F	CS	1.8	0.76	0		0	0	23.9
			WT_IPSAN-10-26392	10/20/2010	WT	UF	CS				0			
S006	S-SMA-3.6	SS12255	WT_IPSAN-11-1423	10/20/2010	WT	F	CS	4	0.54	0		0	0	152
			WT_IPSAN-11-1422	10/20/2010	WT	UF	CS				0			

WT = storm water; F = Filtered; UF = Unfiltered; CS = client sample
"0" indicates that the result for the analyte was less than the applicable MQL value.
"<" indicates that the analyte was not detected in the sample; the reported value is the laboratory reporting limit.

Table C-5. Baseline Monitoring Results for General Inorganics

Permitted Feature	Site Monitoring Area	Station Number	Sample ID	Sample Date	Sample Matrix	F/UF	Lab Sample Type	CN (Total)
								EPA:335.4
								(µg/L)
S003A	S-SMA-2.01	SS091602	WT_IPSAN-10-26392	10/20/2010	WT	UF	CS	< 1.7

WT = storm water; F = Filtered; UF = Unfiltered; CS = client sample
"<" indicates that the analyte was not detected in the sample; the reported value is the laboratory reporting limit.

Table C-6. Baseline Monitoring Results for Radioactivity

Permitted Feature	Site Monitoring Area	Station Number	Sample ID	Sample Date	Sample Matrix	F/UF	Lab Sample Type	Gross Alpha	Ra-226 + Ra-228
								EPA:900	EPA:903.1 / EPA:904
								pCi/L	pCi/L
S003A	S-SMA-2.01	SS091602	WT_IPSAN-10-26392	10/20/2010	WT	UF	CS	12	1.13

WT = storm water; F = Filtered; UF = Unfiltered; CS = client sample

Table C-7. Baseline Monitoring Results for Total PCBs

Permitted Feature	Site Monitoring Area	Station Number	Sample ID	Sample Date	Sample Matrix	F/UF	Lab Sample Type	Total PCBs
								EPA:1668A
								µg/L
S003A	S-SMA-2.01	SS091602	WT_IPSAN-10-26392	10/20/2010	WT	UF	CS	0.346

WT = storm water; F = Filtered; UF = Unfiltered; CS = client sample

Table C-8. Baseline Monitoring Results for Detected Organics

[not applicable]

Table C-9. Baseline Monitoring Results Greater than MTALs

Permitted Feature	Site Monitoring Area	Station Number	Sample ID	Sample Date	Sample Matrix	F/UF	Lab Sample Type	Analyte	Result (µg/L)	Lab Qualifier	LANL Validation Qualifier	MTAL (µg/L)
S003A	S-SMA-2.01	SS091602	WT_IPSAN-10-26390	10/20/2010	WT	F	CS	Al	1060	N	J+	750
			WT_IPSAN-10-26390	10/20/2010	WT	F	CS	Cu	7.4			4.3
S006	S-SMA-3.6	SS12255	WT_IPSAN-11-1423	10/20/2010	WT	F	CS	Cu	14.1			4.3
			WT_IPSAN-11-1423	10/20/2010	WT	F	CS	Zn	152			42

WT = storm water; F = Filtered; UF = Unfiltered; CS = client sample; MTAL = Maximum Target Action Level

Table C-10. Baseline Monitoring Results Greater than ATALs

Permitted Feature	Site Monitoring Area	Station Number	Sample ID	Sample Date	Sample Matrix	F/UF	Lab Sample Type	Analyte	Result (µg/L)	Lab Qualifier	LANL Validation Qualifier	ATAL (µg/L)
S003A	S-SMA-2.01	SS091602	WT_IPSAN-10-26392	10/20/2010	WT	UF	CS	Total PCBs	0.346			0.00064

WT = storm water; F = Filtered; UF = Unfiltered; CS = client sample; ATAL = Average Target Action Level

NPDES Permit No. NM0030759

Individual Permit Annual Report

January 1 – December 31, 2010

APPENDIX D

Baseline Control Measures

LA-UR-11-10019

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Table D-1. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
R001	R-SMA-0.5	R00102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		R00102020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		R00103030004	Berm	Log Berm	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		R00103030005	Berm	Log Berm	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		R00103030006	Berm	Log Berm	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		R00103060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		R00103060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
R002	R-SMA-1	R00202010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		R00206010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		R00207010001	Gabion	Gabions	~	~	X	X	4/29/2011	---	---
		R00207010002	Gabion	Gabions	~	~	X	X	4/29/2011	---	---
		R00207020004	Gabion	Gabion Blanket	X	~	X	~	4/29/2011	---	---
R003	R-SMA-1.95	R00302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		R00303010006	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		R00303060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		R00303060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		R00304010003	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
		R00304040002	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
R004	R-SMA-2.05	R00402020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		R00406030002	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		R00406030003	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		R00406030004	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
R005	R-SMA-2.3	R00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		R00502020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		R00506030003	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
R006	R-SMA-2.5	R00602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		R00602020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		R00604060004	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
		R00606010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		R00606010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		R00606010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
B001	B-SMA-0.5	B00102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		B00102020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		B00103010006	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/8/2010	12/16/2010
		B00103010007	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
		B00104010005	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	12/8/2010	12/16/2010
		B00104040003	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/8/2010	12/16/2010
		B00106010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
B002	B-SMA-1	B00202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		B00202020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		B00206010003	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		B00206010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		B00206010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		B00206010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		B00206010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
P001	ACID-SMA-1.05	P00103010005	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		P00103090003	Berm	Curbing	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00104040004	Channel/Swale	Culvert	X	~	X	~	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
P002	ACID-SMA-2	P00201010014	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		P00202020006	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		P00203010004	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		P00203060009	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00203060010	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00203060011	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00206010002	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00206010013	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
P002A	ACID-SMA-2.01	P002A01060003	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		P002A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		P002A03010004	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		P002A03060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		P002A04060002	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
P003	ACID-SMA-2.1	P00301010016	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		P00301060010	Seed and Mulch	Erosion Control Blanket	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		P00302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		P00302020014	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		P00302030012	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	X	11/1/2010	11/1/2010	12/1/2010
		P00303010002	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
P003	ACID-SMA-2.1	P00303010009	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00303060005	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00303060006	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00303060007	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00304060011	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		P00306010004	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00306010015	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
P004	P-SMA-0.3	P00402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		P00403010002	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		P00403010006	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		P00403010007	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		P00404040003	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
		P00404050005	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
P005	P-SMA-1	P00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		P00502030014	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		P00502030015	Permanent Vegetation	Vegetative Buffer Strip	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		P00503040010	Berm	Asphalt Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00503080003	Berm	Retaining Wall	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		P00504020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		P00504020009	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		P00504020011	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		P00504040004	Channel/Swale	Culvert	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		P00504040016	Channel/Swale	Culvert	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
P005	P-SMA-1	P00504060002	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		P00504060013	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
P006	P-SMA-2	P00602010007	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		P00603020009	Berm	Base Course Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00603020010	Berm	Base Course Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		P00603120008	Berm	Rock Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		P00604010001	Channel/Swale	Earthen Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		P00604020006	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		P00604060002	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		P00604060003	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
P007	P-SMA-2.15	P00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		P00702030002	Permanent Vegetation	Vegetative Buffer Strip	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
		P00704060003	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
		P00704060006	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/6/2010	12/16/2010
		P00706010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/6/2010	12/16/2010
		P00706010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
P008	P-SMA-2.2	P00802010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		P00803020012	Berm	Base Course Berm	~	~	X	X	4/29/2011	---	---
		P00803060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		P00803130013		S-Fence	~	X	~	X	4/29/2011	---	---
		P00803130014		S-Fence	~	X	~	X	4/29/2011	---	---
		P00803130015		S-Fence	~	X	~	X	4/29/2011	---	---
		P00803130016		S-Fence	~	X	~	X	4/29/2011	---	---
		P00804020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	X	~	~	4/29/2011	---	---
P008	P-SMA-2.2	P00804060001	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	---	---
		P00804060006	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	---	---
P009	P-SMA-3.05	P00902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/6/2010	12/16/2010
		P00903010008	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		P00903010009	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		P00903020007	Berm	Base Course Berm	~	X	~	X	4/29/2011	12/6/2010	12/16/2010
		P00904050005	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	12/6/2010	12/16/2010
		P00904050006	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	12/6/2010	12/16/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
D001	DP-SMA-0.3	D00101010010	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	---	---
		D00102020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		D00103020011	Berm	Base Course Berm	~	X	~	X	4/29/2011	---	---
		D00103020012	Berm	Base Course Berm	~	X	~	X	4/29/2011	---	---
		D00103120013	Berm	Rock Berm	~	X	~	X	4/29/2011	---	---
		D00106010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		D00106010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		D00106010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		D00107010001	Gabion	Gabions	~	X	~	X	4/29/2011	---	---
		D00107020006	Gabion	Gabion Blanket	X	~	X	~	4/29/2011	---	---
D002	DP-SMA-0.4	D00202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		D00203060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		D00203060007	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		D00204010002	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	12/7/2010	12/16/2010
		D00204040003	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/7/2010	12/16/2010
		D00204060006	Channel/Swale	Rip Rap	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		D00206030004	Check Dam	Juniper Bales	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
D003	DP-SMA-0.6	D00303060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		D00303090003	Berm	Curbing	~	~	X	X	4/29/2011	---	---
		D00304010004	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	---	---
		D00304040005	Channel/Swale	Culvert	X	~	X	~	4/29/2011	---	---

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
D004	DP-SMA-1	D00401010010	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		D00402010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		D00403010002	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		D00403120009	Berm	Rock Berm	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		D00404020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	4/29/2011	12/7/2010	12/16/2010
		D00404060004	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/7/2010	12/16/2010
		D00406030006	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		D00406030007	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		D00406030008	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
D005	DP-SMA-2	D00501010010	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		D00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		D00502020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		D00503020003	Berm	Base Course Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		D00506030007	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		D00506030008	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		D00506030009	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
D006	DP-SMA-2.35	D00602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		D00603020002	Berm	Base Course Berm	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		D00603060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		D00604060004	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/7/2010	12/16/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
D007	DP-SMA-3	D00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		D00703020014	Berm	Base Course Berm	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		D00703120015	Berm	Rock Berm	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		D00706010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		D00706010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		D00706010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		D00706010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		D00706010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		D00706010013	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
D008	DP-SMA-4	D00801010002	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		D00802010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		D00802020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		D00803010006	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		D00803010007	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		D00806010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
L001	LA-SMA-0.85	L00102010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L00102030007	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		L00103090006	Berm	Curbing	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		L00107010001	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
L001	LA-SMA-0.85	L00107010004	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		L00107010005	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
L002	LA-SMA-0.9	L00202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		L00203060008	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		L00203060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		L00203060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		L00203090002	Berm	Curbing	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		L00203090003	Berm	Curbing	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		L00203100010	Berm	Gravel Bags	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		L00204040004	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/9/2010	12/16/2010
L003	LA-SMA-1	L00301010009	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		L00302010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		L00303060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		L00303060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		L00303060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		L00303120012	Berm	Rock Berm	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		L00304020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	4/29/2011	12/9/2010	12/16/2010
		L00304040004	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/9/2010	12/16/2010
		L00306010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		L00306010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
L004	LA-SMA-1.1	L00402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		L00402030006	Permanent Vegetation	Vegetative Buffer Strip	X	~	X	~	4/29/2011	12/8/2010	12/16/2010
		L00404060003	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/8/2010	12/16/2010
		L00406010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
L005	LA-SMA-1.25	L00502020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L00503020001	Berm	Base Course Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		L00507010002	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
L006	LA-SMA-2.1	L00601060008	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2011	---	---
		L00602020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		L00603030007	Berm	Log Berm	~	X	~	X	4/29/2011	---	---
		L00603080002	Berm	Retaining Wall	~	~	X	X	4/29/2011	---	---
		L00604040003	Channel/Swale	Culvert	X	~	X	~	4/29/2011	---	---
		L00604060006	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	---	---
L007	LA-SMA-2.3	L00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		L00703060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/8/2010	12/16/2010
		L00703060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
		L00703080002	Berm	Retaining Wall	~	~	X	X	4/29/2011	12/8/2010	12/16/2010
L008	LA-SMA-3.1	L00802010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L00802020006	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L00802030005	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	X	11/1/2010	11/1/2010	12/1/2010
		L00804040004	Channel/Swale	Culvert	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
L009	LA-SMA-3.9	L00902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		L00903060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
		L00904040002	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/8/2010	12/16/2010
L010	LA-SMA-4.1	L01002010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L01004060004	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		L01004060005	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		L01004060007	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		L01006010008	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
L011	LA-SMA-4.2	L01102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L01104050003	Channel/Swale	Water Bar	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		L01104050004	Channel/Swale	Water Bar	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		L01104050006	Channel/Swale	Water Bar	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		L01104050007	Channel/Swale	Water Bar	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		L01106010002	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		L01106010005	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
L012	LA-SMA-5.01	L01201010005	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		L01202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		L01203010004	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
		L01203010007	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/8/2010	12/16/2010
		L01203060002	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/8/2010	12/16/2010
		L01203120010	Berm	Rock Berm	~	~	X	X	4/29/2011	12/8/2010	12/16/2010
		L01204050008	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	12/8/2010	12/16/2010
		L01204050009	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	12/8/2010	12/16/2010
		L01204060006	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/8/2010	12/16/2010
L012A	LA-SMA-5.02	L012A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		L012A03010002	Berm	Earthen Berm	~	~	X	X	4/29/2011	---	---
		L012A03060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		L012A03060006	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
L013	LA-SMA-5.2	L01302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		L01306030002	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	---	---
L014	LA-SMA-5.35	L01403100003	Berm	Gravel Bags	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		L01403100006	Berm	Gravel Bags	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		L01404020001	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
		L01404060007	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
L015	LA-SMA-5.31	L01501010003	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		L01502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		L01503060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
		L01503060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
		L01503060006	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
		L01506010002	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/8/2010	12/16/2010
L016	LA-SMA-5.33	L01602020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/8/2010	12/16/2010
		L01603060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/8/2010	12/16/2010
		L01603100005	Berm	Gravel Bags	~	X	~	X	4/29/2011	12/8/2010	12/16/2010
L017	LA-SMA-5.361	L01701060007	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2011	---	---
		L01702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		L01703010002	Berm	Earthen Berm	~	~	X	X	4/29/2011	---	---
		L01706010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
L017A	LA-SMA-5.362	L017A01010004	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	---	---
		L017A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		L017A03010005	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
		L017A06010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		L017A06030002	Check Dam	Juniper Bales	~	~	X	X	4/29/2011	---	---
L018	LA-SMA-5.51	L01802010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		L01802020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		L01803010001	Berm	Earthen Berm	~	~	X	~	4/29/2011	---	---
		L01807010003	Gabion	Gabions	X	X	~	~	4/29/2011	---	---
L018A	LA-SMA-5.52	L018A02020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
L018B	LA-SMA-5.53	L018B02020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
L018C	LA-SMA-5.54	L018C02020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
L019	LA-SMA-5.91	L01901060012	Seed and Mulch	Erosion Control Blanket	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L01902010006	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L01905020001	Sediment Traps and Basin	Sediment Basin	~	X	X	X	11/1/2010	11/1/2010	12/1/2010
L019A	LA-SMA-5.92	L019A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L019A03010005	Berm	Earthen Berm	~	X	X	X	11/1/2010	11/1/2010	12/1/2010
		L019A03030003	Berm	Log Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		L019A05020006	Sediment Traps and Basin	Sediment Basin	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
L020	LA-SMA-6.25	L02002010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L02003040002	Berm	Asphalt Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		L02003060005	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
L021	LA-SMA-6.27	L02101010003	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L02102010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		L02103040001	Berm	Asphalt Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		L02103060007	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		L02103060008	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
L022	LA-SMA-6.3	L02201010007	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02202010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02203040005	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02206010001	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		L02206010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
L022A	LA-SMA-6.31	L022A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L022A03040002	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L022A03060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		L022A04030003	Channel/Swale	Rock Channel/Swale	X	~	X	~	4/29/2011	12/7/2010	12/16/2010
		L022A06010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/7/2010	12/16/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
L023	LA-SMA-6.32	L02302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02303040002	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02303060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		L02303060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
L024	LA-SMA-6.34	L02402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02403040003	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02403040004	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02406010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
L025	LA-SMA-6.36	L02502010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02503010008	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		L02503010009	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02503090004	Berm	Curbing	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02504040005	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/7/2010	12/16/2010
L026	LA-SMA-6.38	L02602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02603060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		L02603060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02603060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02604060006	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/7/2010	12/16/2010
L027	LA-SMA-6.395	L02701010006	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02703010004	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
		L02703010005	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
L028	LA-SMA-6.5	L02801010005	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02802010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/7/2010	12/16/2010
		L02803010004	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02803010006	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/7/2010	12/16/2010
		L02806010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/7/2010	12/16/2010
L029	LA-SMA-9	L02901010006	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	---	---
		L02901010007	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	---	---
		L02901010008	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	---	---
		L02902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		L02903010012	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
		L02903010013	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
		L02903080005	Berm	Retaining Wall	~	~	X	X	4/29/2011	---	---
		L02904050009	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	---	---
		L02904050010	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	---	---
		L02904050011	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	---	---
L030	LA-SMA-10.11	L03004060003	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/8/2010	12/16/2010
		L03004060009	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/8/2010	12/16/2010
		L03006010001	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/8/2010	12/16/2010

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Table D-1, cont'd. Baseline Control Measures Installed at Los Alamos/Pueblo Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
L030A	LA-SMA-10.12	L030A03120005	Berm	Rock Berm	~	~	X	X	4/29/2011	---	---
		L030A03120006	Berm	Rock Berm	~	~	X	X	4/29/2011	---	---
		L030A03120009	Berm	Rock Berm	~	X	~	X	4/29/2011	---	---
		L030A04060007	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	---	---
		L030A06010001	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		L030A06010002	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		L030A06010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		L030A06010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		L030A06010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		L030A06010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		L030A06010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---

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Table D-2. Baseline Control Measures Installed at Sandia Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
S001	S-SMA-0.25	S00102010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		S00102020006	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		S00103060009	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		S00104060007	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		S00107010008	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		S00107020003	Gabion	Gabion Blanket	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
S002	S-SMA-1.1	S00203010004	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
		S00204060006	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	---	---
		S00206010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		S00207010003	Gabion	Gabions	~	X	~	X	4/29/2011	---	---
		S00207020005	Gabion	Gabion Blanket	X	~	X	~	4/29/2011	---	---
S003	S-SMA-2	S00302010007	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		S00303020008	Berm	Base Course Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		S00304060005	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		S00304060009	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		S00304060010	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		S00307020006	Gabion	Gabion Blanket	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
S003A	S-SMA-2.01	S003A02030005	Permanent Vegetation	Vegetative Buffer Strip	X	~	X	~	4/29/2011	12/9/2010	12/16/2010
		S003A03010004	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S003A04060002	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/9/2010	12/16/2010
		S003A04060003	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/9/2010	12/16/2010

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Table D-2, cont'd. Baseline Control Measures Installed at Sandia Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
S004	S-SMA-2.8	S00402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00403010005	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00403020004	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00403060002	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
S005	S-SMA-3.51	S00502010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00503010005	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00503020006	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00506010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00506010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00506010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00506010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00506010012	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
S005A	S-SMA-3.52	S005A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S005A03060002	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S005A03060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
S005B	S-SMA-3.53	S005B02020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S005B03120005	Berm	Rock Berm	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S005B06010003	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S005B06010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010

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Table D-2, cont'd. Baseline Control Measures Installed at Sandia Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
S006	S-SMA-3.6	S00602010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		S00604060002	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		S00604060010	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		S00604060011	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		S00606010001	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		S00606010012	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		S00606010013	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		S00606010014	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		S00606010015	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		S00607010007	Gabion	Gabions	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		S00607010008	Gabion	Gabions	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
S007	S-SMA-3.7	S00702020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00703120004	Berm	Rock Berm	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00703120005	Berm	Rock Berm	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00704030003	Channel/Swale	Rock Channel/Swale	X	~	X	~	4/29/2011	12/9/2010	12/16/2010
		S00901010008	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00902020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00903120003	Berm	Rock Berm	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00906010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00906010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00906010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00906010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010

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Table D-2, cont'd. Baseline Control Measures Installed at Sandia Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
S009	S-SMA-3.72	S00901010008	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00902020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S00903120003	Berm	Rock Berm	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S00906010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00906010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00906010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S00906010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
S010	S-SMA-3.95	S01002010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		S01003060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		S01003060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
S011	S-SMA-4.1	S01102020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S01103120003	Berm	Rock Berm	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S01106010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
S012	S-SMA-4.5	S01202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		S01203060002	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		S01203060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		S01203060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
S013	S-SMA-5	S01302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		S01303060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		S01303060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		S01304060003	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	---	---
		S01307010002	Gabion	Gabions	~	~	X	X	4/29/2011	---	---

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-2, cont'd. Baseline Control Measures Installed at Sandia Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
S014	S-SMA-5.2	S01402010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/9/2010	12/16/2010
		S01403060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S01403060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
		S01404060011	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/9/2010	12/16/2010
		S01406010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S01406010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S01406010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S01406010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S01406010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/9/2010	12/16/2010
		S01406010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/9/2010	12/16/2010
S015	S-SMA-5.5	S01502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		S01503060002	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		S01503060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
S016	S-SMA-6	S01602010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		S01603010002	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
		S01604060004	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	---	---
		S01606010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

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BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-3. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
C001	CDB-SMA-0.15	C00101010008	Seed and Mulch	Seed and Wood Mulch	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		C00102010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00103120009	Berm	Rock Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		C00103120010	Berm	Rock Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		C00106010011	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		C00106030003	Check Dam	Juniper Bales	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		C00106030004	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00106030005	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00106030006	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00106030007	Check Dam	Juniper Bales	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
C002	CDB-SMA-0.25	C00201060014	Seed and Mulch	Erosion Control Blanket	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00202010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00203010013	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00204060001	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		C00204060009	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		C00206020007	Check Dam	Log Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00206020010	Check Dam	Log Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00206020012	Check Dam	Log Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
C003	CDB-SMA-0.55	C00302010008	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		C00303010011	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		C00306010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		C00306010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		C00306010013	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		C00306010015	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		C00306010016	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		C00306010017	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		C00306010018	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		C00306010019	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		C00306010020	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		C00306020012	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		C00306020014	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
C004	CDB-SMA-1	C00402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		C00402020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		C00402030007	Permanent Vegetation	Vegetative Buffer Strip	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		C00404060006	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		C00404060008	Channel/Swale	Rip Rap	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		C00404060009	Channel/Swale	Rip Rap	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		C00406010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		C00406010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		C00406010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		C00406010012	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		C00406010013	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
C005	CDB-SMA-1.15	C00501060009	Seed and Mulch	Erosion Control Blanket	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		C00502010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00503010006	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00504060007	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		C00504060008	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
C006	CDB-SMA-1.35	C00601010008	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00601060007	Seed and Mulch	Erosion Control Blanket	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		C00602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00602020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00603010006	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00604060009	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
C007	CDB-SMA-1.54	C00701010013	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00701060010	Seed and Mulch	Erosion Control Blanket	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00701060011	Seed and Mulch	Erosion Control Blanket	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00701060012	Seed and Mulch	Erosion Control Blanket	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00702010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00703010007	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00703010008	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
C007	CDB-SMA-1.54	C00703010009	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		C00704050014	Channel/Swale	Water Bar	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00704060006	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		C00706020015	Check Dam	Log Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00706020016	Check Dam	Log Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00706020017	Check Dam	Log Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00706020018	Check Dam	Log Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
C008	CDB-SMA-1.55	C00801010011	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00802010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		C00803010010	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00803120009	Berm	Rock Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
C009	CDB-SMA-1.65	C00903060003	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		C00904010002	Channel/Swale	Earthen Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		C00904060001	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
C010	CDB-SMA-4	C01002010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	11/16/2010	12/16/2010
		C01004020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	X	~	~	4/29/2011	11/16/2010	12/16/2010
		C01004060007	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	11/16/2010	12/16/2010
		C01005010004	Sediment Traps / Basin	Sediment Trap	~	X	~	X	4/29/2011	11/16/2010	12/16/2010
		C01006010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	11/16/2010	12/16/2010
		C01006010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	11/16/2010	12/16/2010
		C01006010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	11/16/2010	12/16/2010
		C01006010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	11/16/2010	12/16/2010
		C01006010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	11/16/2010	12/16/2010
M001	M-SMA-1	M00102010007	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		M00102020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		M00107010001	Gabion	Gabions	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		M00107010006	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
M002	M-SMA-1.2	M00202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M00202020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M00203060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M00204060008	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		M00206010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M00206010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
M002A	M-SMA-1.21	M002A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M002A03020002	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M002A03120005	Berm	Rock Berm	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M002A04060003	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	12/16/2010
		M002A06010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
M002B	M-SMA-1.22	M002B02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		M002B04050002	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	1/12/2011	2/11/2011
		M002B06010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		M002B06010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		M002B06010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		M002B06010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		M002B06010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		M002B06010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		M002B06010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
M003	M-SMA-3	M00302010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		M00303060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		M00304050005	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	---	---
		M00304060001	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	---	---
		M00304060008	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	---	---
		M00306010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
M004	M-SMA-3.1	M00402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M00403040006	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M00404060005	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	12/16/2010
		M00406010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
M005	M-SMA-3.5	M00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		M00503120009	Berm	Rock Berm	~	X	~	X	4/29/2011	---	---
		M00503120010	Berm	Rock Berm	~	X	~	X	4/29/2011	---	---
		M00506010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		M00506010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		M00506010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		M00506010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		M00506010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
M006	M-SMA-4	M00602010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		M00602020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		M00604060002	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		M00604060007	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		M00604060012	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		M00606010005	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		M00606010010	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		M00606010011	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		M00607010006	Gabion	Gabions	X	~	X	~	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
M007	M-SMA-5	M00702010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		M00702020006	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		M00702030014	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	4/29/2011	---	---
		M00703060015	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		M00704010013	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	---	---
		M00704020012	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	4/29/2011	---	---
		M00704060001	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	---	---
		M00704060008	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	---	---
		M00706010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		M00706010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
M008	M-SMA-6	M00801060015	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M00802010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M00802020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M00804060001	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		M00804060014	Channel/Swale	Rip Rap	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M00805020016	Sediment Traps / Basin	Sediment Basin	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M00806010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M00806010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M00806010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M00806010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M00806010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M00806010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M00807020013	Gabion	Gabion Blanket	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		M00808030002	Cap	Concrete/Asphalt Cap	X	~	X	~	4/29/2011	12/13/2010	12/16/2010

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Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
M009	M-SMA-7	M00902020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M00903060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M00903060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M00906010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
M010	M-SMA-7.9	M01001010001	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01002010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01002020003	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01003010004	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01003010010	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01003010011	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01003060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01003060008	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M01003060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M01003120005	Berm	Rock Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01003120006	Berm	Rock Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
M011	M-SMA-9.1	M01101020001	Seed and Mulch	Seed and Gravel Mulch	X	~	X	~	4/29/2011	1/12/2011	2/11/2011
		M01102020006	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		M01104040004	Channel/Swale	Culvert	X	~	X	~	4/29/2011	1/12/2011	2/11/2011
		M01106010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011

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Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
M012	M-SMA-10	M01202010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01202020011	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01204060004	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		M01204060007	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	12/16/2010
		M01204060008	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	12/16/2010
		M01206010001	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M01206010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M01206010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M01206010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M01206010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
M012A	M-SMA-10.01	M012A01010002	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M012A03060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M012A06010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
M013	M-SMA-10.3	M01302010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		M01302020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		M01303060001	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		M01306010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
M014	M-SMA-11.1	M01402010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01402020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01403090005	Berm	Curbing	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01404060001	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		M01406020006	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010

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Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
M015	M-SMA-12	M01502010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		M01502020003	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		M01503090004	Berm	Curbing	~	~	X	X	4/29/2011	---	---
		M01504050005	Channel/Swale	Water Bar	X	~	X	~	4/29/2011	---	---
		M01506020001	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	---	---
M016	M-SMA-12.5	M01601010006	Seed and Mulch	Seed and Wood Mulch	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		M01602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		M01603060002	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		M01603060003	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		M01603060004	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		M01603060005	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		M01606010007	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		M01606010008	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
M017	M-SMA-12.6	M01701010004	Seed and Mulch	Seed and Wood Mulch	X	~	X	~	4/29/2011	---	---
		M01702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		M01703020005	Berm	Base Course Berm	~	~	X	X	4/29/2011	---	---
		M01703020006	Berm	Base Course Berm	~	~	X	X	4/29/2011	---	---
		M01703020007	Berm	Base Course Berm	~	~	X	X	4/29/2011	---	---
		M01703060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		M01706010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
M018	M-SMA-12.7	M01802010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01803010008	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01803060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01803060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01806020009	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010

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Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
M019	M-SMA-12.8	M01902010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M01903010003	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M01903060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M01903060007	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M01906020006	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
M020	M-SMA-12.9	M02001010006	Seed and Mulch	Seed and Wood Mulch	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		M02002010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M02003010005	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02003060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M02003060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02003060007	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
M021	M-SMA-12.92	M02102010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		M02105010001	Sediment Traps / Basin	Sediment Trap	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		M02105010003	Sediment Traps / Basin	Sediment Trap	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		M02105010004	Sediment Traps / Basin	Sediment Trap	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
M022	M-SMA-13	M02201010012	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M02202010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		M02203060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02203060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02203060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02206010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02206010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02206010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02206010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		M02206020001	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		M02206020003	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010

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Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
T001	Pratt-SMA-1.05	T00101010019	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00102020009	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00103010002	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00103010017	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00103020013	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00103020014	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
T001	Pratt-SMA-1.05	T00103020015	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00103020016	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00103020018	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00103090004	Berm	Curbing	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00103120008	Berm	Rock Berm	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00104020006	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		T00106010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00106010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00107010003	Gabion	Gabions	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00108020005	Cap	Rock Cap	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
T002	T-SMA-1	T00202010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00203060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00204060006	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	12/16/2010
		T00208010001	Cap	Earth Cap	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
T003	T-SMA-2.5	T00304010002	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		T00306010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00306010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00306010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00308020001	Cap	Rock Cap	X	X	~	~	4/29/2011	12/13/2010	12/16/2010

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Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
T004	T-SMA-2.85	T00402010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00402020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00403090004	Berm	Curbing	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00406010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00406010006	Check Dam	Rock Check Dam	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
T005	T-SMA-3	T00502010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00502020006	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00504060001	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/13/2010	12/16/2010
		T00506020007	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00506020008	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
T006	T-SMA-4	T00602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00602020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00603030009	Berm	Log Berm	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00603030010	Berm	Log Berm	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00603090005	Berm	Curbing	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00604060004	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	12/16/2010
		T00606010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00606010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00606010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00607010003	Gabion	Gabions	~	X	~	X	4/29/2011	12/13/2010	12/16/2010

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Table D-3, cont'd. Baseline Control Measures Installed at Mortandad Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
T007	T-SMA-5	T00702010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00702020007	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00703020003	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00703020008	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00703120010	Berm	Rock Berm	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00706010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00706010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00706010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00706010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
T008	T-SMA-6.8	T00802010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00803060002	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00803100003	Berm	Gravel Bags	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
T009	T-SMA-7	T00901010005	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T00903020008	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00903060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T00906010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00906010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00906010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T00906010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
T010	T-SMA-7.1	T01002010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	12/16/2010
		T01003020005	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	12/16/2010
		T01003060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T01003060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	12/16/2010
		T01006020006	Check Dam	Log Check Dam	~	X	~	X	4/29/2011	12/13/2010	12/16/2010

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Table D-4. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
E001	2M-SMA-1	E00102010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		E00102020006	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		E00103010012	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		E00103060002	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		E00104060010	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		E00104060011	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		E00106010007	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		E00106010008	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		E00106010009	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		E00107010003	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		E00107010004	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
E002	2M-SMA-1.42	E00202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00202020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00203010009	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00203010010	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E00203120003	Berm	Rock Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00206010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00206010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00206010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
E003	2M-SMA-1.43	E00302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		E00302030002	Permanent Vegetation	Vegetative Buffer Strip	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		E00306010003	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
E004	2M-SMA-1.44	E00402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00402020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00403060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00403060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00403060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
E005	2M-SMA-1.45	E00501030011	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00501060009	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00501060010	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00503010007	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E00503010008	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E00503060002	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E00503060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E00503060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E00503060006	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E00503060012	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
E006	2M-SMA-1.5	E00602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		E00602030003	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	X	11/1/2010	11/1/2010	12/1/2010
		E00604040002	Channel/Swale	Culvert	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
E007	2M-SMA-1.65	E00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00703010004	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00703010005	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
E008	2M-SMA-1.67	E00802010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		E00802020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		E00803060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		E00803060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		E00803060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		E00803060009	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		E00803060010	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		E00803060011	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
E009	2M-SMA-1.7	E00902020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E00903060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00903060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E00903120005	Berm	Rock Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
E010	2M-SMA-1.8	E01002020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E01003040003	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E01006010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01006010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01006010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01006010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
E011	2M-SMA-1.9	E01103090001	Berm	Curbing	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E01103100002	Berm	Gravel Bags	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E01103100003	Berm	Gravel Bags	~	X	~	X	4/29/2011	12/13/2010	1/12/2011

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
E012	2M-SMA-2	E01202010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E01202020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E01203060007	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01203060008	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01203060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01203090006	Berm	Curbing	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E01204060001	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	1/12/2011
		E01207020010	Gabion	Gabion Blanket	X	X	~	~	4/29/2011	12/13/2010	1/12/2011
E013	2M-SMA-2.2	E01303090002	Berm	Curbing	~	~	X	~	11/1/2010	11/1/2010	12/1/2010
		E01304020003	Channel/Swale	Concrete/Asphalt Channel/Swale	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		E01306010004	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		E01306010005	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
E014	2M-SMA-3	E01402010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E01403060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01403060006	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01403060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E01403060008	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		E01403060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
E015	2M-SMA-2.5	E01502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		E01503010004	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		E01503010005	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
H001	3M-SMA-0.2	H00102020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		H00106010002	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		H00106010004	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
H002	3M-SMA-0.4	H00202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		H00203010003	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00203050002	Berm	Silt Dike	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
H003	3M-SMA-0.5	H00301030015	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		H00302010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		H00303010014	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00304060001	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/22/2010	1/12/2011
		H00304060004	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/22/2010	1/12/2011
		H00306010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00306010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00306010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00306010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00306010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00306010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00306010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00306010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00306010012	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00306010013	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00306010016	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
H004	3M-SMA-0.6	H00401010025	Seed and Mulch	Seed and Wood Mulch	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		H00401030028	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		H00402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		H00402020026	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		H00403060002	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060009	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060010	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060012	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060013	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060014	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060015	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060017	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060018	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060019	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060020	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060021	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060022	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060023	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		H00403060024	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		H00403060027	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
H005	3M-SMA-2.6	H00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		H00502020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		H00502030004	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	X	4/29/2011	---	---
		H00503120005	Berm	Rock Berm	~	~	X	X	4/29/2011	---	---
		H00504040003	Channel/Swale	Culvert	~	~	X	~	4/29/2011	---	---
H006	3M-SMA-4	H00602010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		H00603010007	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		H00603010008	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		H00604020009	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	4/29/2011	12/13/2010	1/12/2011
		H00604060005	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/13/2010	1/12/2011
		H00604060006	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	1/12/2011
		H00607010002	Gabion	Gabions	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
J001	PJ-SMA-1.05	J00101010007	Seed and Mulch	Seed and Wood Mulch	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J00102010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J00103060004	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00103060005	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00103060006	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00104050008	Channel/Swale	Water Bar	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J00104050009	Channel/Swale	Water Bar	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00104060011	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J00106010010	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
J002	PJ-SMA-2	J00201060010	Seed and Mulch	Erosion Control Blanket	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00201060011	Seed and Mulch	Erosion Control Blanket	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00201060012	Seed and Mulch	Erosion Control Blanket	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00201060013	Seed and Mulch	Erosion Control Blanket	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00202010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J00202020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J00203010006	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00203010007	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00203010008	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00203010009	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00206010014	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
J003	PJ-SMA-3.05	J00302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		J00303040008	Berm	Asphalt Berm	~	~	X	X	4/29/2011	1/12/2011	2/11/2011
		J00306010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		J00306010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
J004	PJ-SMA-4.05	J00402010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J00403060003	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00403060004	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00403060005	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00406010006	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
J005	PJ-SMA-5	J00502010006	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J00503060002	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00504010003	Channel/Swale	Earthen Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00506010008	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00506010009	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00506010010	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00506010011	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00506010012	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00506030004	Check Dam	Juniper Bales	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00506030007	Check Dam	Juniper Bales	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
J006	PJ-SMA-5.1	J00602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		J00603060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		J00603060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		J00604010004	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		J00606010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
J007	PJ-SMA-6	J00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J00706010002	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00706010003	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00706010004	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00706010005	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00706010006	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00706010007	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00706030008	Check Dam	Juniper Bales	~	~	X	X	11/1/2010	11/1/2010	12/1/2010

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
J008	PJ-SMA-7	J00801060005	Seed and Mulch	Erosion Control Blanket	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J00802010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J00803010004	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00804010002	Channel/Swale	Earthen Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00804040003	Channel/Swale	Culvert	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
J009	PJ-SMA-8	J00901060007	Seed and Mulch	Erosion Control Blanket	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J00901060008	Seed and Mulch	Erosion Control Blanket	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J00902010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J00903010006	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00903010009	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J00904020005	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00904060001	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J00906010002	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J00906010004	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
J010	PJ-SMA-9	J01002010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J01003010002	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J01004060001	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J01006010006	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J01006010007	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J01006010008	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J01006010009	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
J012	PJ-SMA-10	J01202010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		J01203020001	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		J01204060004	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/13/2010	1/12/2011
		J01206010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
J013	PJ-SMA-11	J01301030015	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		J01302010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		J01303010003	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01303010004	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		J01303060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01303060010	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01303060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01303060012	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01303060013	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01303060014	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01306010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01306010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01306010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01306010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
J014	PJ-SMA-11.1	J01401030013	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		J01402010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		J01403010003	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		J01403060014	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
		J01406010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
J015	PJ-SMA-13	J01502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		J01503010002	Berm	Earthen Berm	~	~	X	X	4/29/2011	---	---
		J01503010003	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
J016	PJ-SMA-13.7	J01602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		J01602030003	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	4/29/2011	12/13/2010	1/12/2011
		J01606010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		J01606010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		J01606010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		J01606010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		J01607010002	Gabion	Gabions	X	X	~	~	4/29/2011	12/13/2010	1/12/2011

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
J017	PJ-SMA-14	J01703020002	Berm	Base Course Berm	~	~	X	X	4/29/2011	---	---
		J01703020003	Berm	Base Course Berm	~	X	~	X	4/29/2011	---	---
		J01708010001	Cap	Earth Cap	X	~	~	~	4/29/2011	---	---
J018	PJ-SMA-14.2	J01802010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J01802030002	Permanent Vegetation	Vegetative Buffer Strip	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J01803120004	Berm	Rock Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
J019	PJ-SMA-14.3	J01902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J01902030002	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	X	11/1/2010	11/1/2010	12/1/2010
J020	PJ-SMA-14.4	J02002010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		J02002030002	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	4/29/2011	---	---
		J02003010008	Berm	Earthen Berm	~	~	X	X	4/29/2011	---	---
		J02003040006	Berm	Asphalt Berm	~	~	X	X	4/29/2011	---	---
J021	PJ-SMA-14.6	J02102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J02102030002	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J02106010003	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J02106010004	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
J022	PJ-SMA-14.8	J02202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/13/2010	1/12/2011
		J02202030004	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	4/29/2011	12/13/2010	1/12/2011
		J02203020005	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/13/2010	1/12/2011
		J02203060006	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/13/2010	1/12/2011
J023	PJ-SMA-16	J02302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J02303060002	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
J024	PJ-SMA-17	J02402010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J02404060006	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J02404060007	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J02405010005	Sediment Traps and Basin	Sediment Trap	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02406010004	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
J025	PJ-SMA-19	J02502010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J02504020004	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J02504020006	Channel/Swale	Concrete/Asphalt Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J02504060010	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J02505020002	Sediment Traps and Basin	Sediment Basin	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02506010005	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02506010007	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02506010008	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02506010009	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02507010001	Gabion	Gabions	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
J026	PJ-SMA-18	J02601060002	Seed and Mulch	Erosion Control Blanket	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J02602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J02604060007	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J02605010005	Sediment Traps and Basin	Sediment Trap	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02606010004	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02606010006	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-4, cont'd. Baseline Control Measures Installed at Pajarito Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
J027	PJ-SMA-20	J02702010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	11/16/2010	12/16/2010
		J02703090001	Berm	Curbing	~	X	~	X	4/29/2011	11/16/2010	12/16/2010
		J02704060006	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	11/16/2010	12/16/2010
		J02708030005	Cap	Concrete/Asphalt Cap	X	~	X	~	4/29/2011	11/16/2010	12/16/2010
J028	STRM-SMA-1.05	J02802010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J02802030003	Permanent Vegetation	Vegetative Buffer Strip	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J02804060006	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		J02806010001	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J02806010004	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J02806010005	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
J029	STRM-SMA-1.5	J02901010007	Seed and Mulch	Seed and Wood Mulch	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		J02902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J02902020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J02903060003	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J02903060004	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J02903060005	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J02903060006	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
J030	STRM-SMA-4.2	J03002010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J03003010003	Berm	Earthen Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J03004010002	Channel/Swale	Earthen Channel/Swale	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
J031	STRM-SMA-5.05	J03102010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		J03103020004	Berm	Base Course Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J03103050005	Berm	Silt Dike	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		J03103050006	Berm	Silt Dike	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		J03103060007	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-5. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V001	CDV-SMA-1.2	V00101010003	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00101010004	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00102010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00103020008	Berm	Base Course Berm	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00103060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00103060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00104060001	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/15/2010	1/12/2011
		V00106010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
V002	CDV-SMA-1.3	V00202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00203020002	Berm	Base Course Berm	~	X	~	X	4/29/2011	12/15/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V003	CDV-SMA-1.4	V00301010025	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00302010007	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00302020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00303020017	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00303060018	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00303060019	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00303060020	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00303060021	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00303060022	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00303060023	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00303060024	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00303120013	Berm	Rock Berm	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00303120014	Berm	Rock Berm	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00303120015	Berm	Rock Berm	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00304060001	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/15/2010	1/12/2011
		V00306010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00306010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00306010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00306010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00306010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00306010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00306010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00306010016	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00306010026	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00306010027	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00306010028	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V004	CDV-SMA-1.45	V00402020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00403060002	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00403060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
V005	CDV-SMA-1.7	V00501010004	Seed and Mulch	Seed and Wood Mulch	X	X	~	~	4/29/2011	12/15/2010	1/12/2011
		V00502010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00504060015	Channel/Swale	Rip Rap	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00506010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00506010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00506010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00506010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00506010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00506010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00506010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00506010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00506010013	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00506010014	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V006	CDV-SMA-2	V00601010011	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	---	---
		V00602010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		V00602020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	---	---
		V00603010006	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
		V00603010007	Berm	Earthen Berm	~	~	X	X	4/29/2011	---	---
		V00603010008	Berm	Earthen Berm	~	~	X	X	4/29/2011	---	---
		V00603010009	Berm	Earthen Berm	~	~	X	X	4/29/2011	---	---
		V00603010010	Berm	Earthen Berm	~	~	X	X	4/29/2011	---	---
		V00603090001	Berm	Curbing	~	~	X	X	4/29/2011	---	---
		V00604060003	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	---	---
		V00606010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		V00608020012	Cap	Rock Cap	X	X	~	~	4/29/2011	---	---
V007	CDV-SMA-2.3	V00702010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00702020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00703060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00703060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00703060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00703060010	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00703060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00703060012	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00703060013	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00703060014	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00703060015	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00706010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00707010002	Gabion	Gabions	~	X	~	X	4/29/2011	12/15/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V008	CDV-SMA-2.41	V00802010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00803060002	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00804040011	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/15/2010	1/12/2011
		V00804060009	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/15/2010	1/12/2011
		V00804060010	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/15/2010	1/12/2011
		V00806030007	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00806030008	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
V008A	CDV-SMA-2.42	V008A01030015	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V008A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V008A03010006	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V008A03010016	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V008A03060007	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V008A03060008	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V008A03060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V008A03060010	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V008A03060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V008A03060012	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V008A03060014	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V008A04060002	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/15/2010	1/12/2011
		V008A04060005	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/15/2010	1/12/2011
		V008A06010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V008A07010003	Gabion	Gabions	~	X	~	X	4/29/2011	12/15/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V009	CDV-SMA-2.5	V00901010003	Seed and Mulch	Seed and Wood Mulch	X	X	~	~	4/29/2011	12/15/2010	1/12/2011
		V00901010004	Seed and Mulch	Seed and Wood Mulch	X	~	X	~	4/29/2011	12/15/2010	1/12/2011
		V00901010023	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00902010012	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V00903010011	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00903060019	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00903060020	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00903060021	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00904060005	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/15/2010	1/12/2011
		V00904060006	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/15/2010	1/12/2011
		V00904060007	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/15/2010	1/12/2011
		V00904060009	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/15/2010	1/12/2011
		V00906010015	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00906010016	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00906010017	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00906010018	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00906010022	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V00906030013	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V00906030014	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/15/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V009A	CDV-SMA-2.51	V009A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V009A02020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V009A03020005	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03020012	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060009	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060010	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060011	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060018	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060019	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060020	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060021	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060022	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060023	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060024	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060025	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060026	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A03060027	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A06010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V009A06010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V009A06010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A06010013	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V009A06010014	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V009A06010015	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V009A06010016	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V009A06030017	Check Dam	Juniper Bales	~	~	X	X	4/29/2011	12/15/2010	1/12/2011

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V010	CDV-SMA-3	V01002010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		V01003120005	Berm	Rock Berm	~	~	X	X	4/29/2011	1/12/2011	2/11/2011
		V01003120009	Berm	Rock Berm	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		V01004060007	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	1/12/2011	2/11/2011
		V01004060008	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	1/12/2011	2/11/2011
		V01006010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
V011	CDV-SMA-4	V01101010004	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		V01102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		V01103120002	Berm	Rock Berm	~	~	X	X	4/29/2011	1/12/2011	2/11/2011
		V01106010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
V012	CDV-SMA-6.01	V01201010010	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		V01201060007	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		V01202010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		V01203010006	Berm	Earthen Berm	~	~	X	X	4/29/2011	1/12/2011	2/11/2011
		V01203020003	Berm	Base Course Berm	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		V01203060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	1/12/2011	2/11/2011
		V01203060009	Berm	Straw Wattles	~	~	X	X	4/29/2011	1/12/2011	2/11/2011
		V01203130004		S-Fence	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
		V01203130005		S-Fence	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
V012A	CDV-SMA-6.02	V012A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	1/12/2011	2/11/2011
		V012A03010002	Berm	Earthen Berm	~	~	X	X	4/29/2011	1/12/2011	2/11/2011
		V012A03010003	Berm	Earthen Berm	~	X	~	X	4/29/2011	1/12/2011	2/11/2011
V013	CDV-SMA-7	V01302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V01303010006	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
		V01303010007	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/15/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
V014	CDV-SMA-8	V01402020001	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		V01402030002	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	4/29/2011	12/22/2010	1/12/2011
		V01406010003	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		V01406010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		V01406010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		V01406010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
V015	CDV-SMA-8.5	V01502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/15/2010	1/12/2011
		V01503010004	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/15/2010	1/12/2011
		V01503010005	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/15/2010	1/12/2011
V016	CDV-SMA-9.05	V01602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		V01603010002	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		V01603010003	Berm	Earthen Berm	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		V01603010004	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
F001	F-SMA-2	F00102010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		F00103120008	Berm	Rock Berm	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		F00104010001	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		F00104040003	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		F00106010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		F00106010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		F00106010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		F00106010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
I001	PT-SMA-0.5	I00101010005	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	---	---
		I00102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		I00103010002	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
		I00103010003	Berm	Earthen Berm	~	X	~	X	4/29/2011	---	---
		I00106010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
I002	PT-SMA-1	I00202010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		I00203060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00203060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00203060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00203060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00203060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00203060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00203060009	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00203060010	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		I00203060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
I003	PT-SMA-1.7	I00302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		I00303060002	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		I00303060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		I00303060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		I00303060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00303060008	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		I00303060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	---	---
		I00306010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		I00306010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
I004	PT-SMA-2	I00402010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		I00403060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00403060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		I00403060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
I004A	PT-SMA-2.01	I004A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
I005	PT-SMA-3	I00504040005	Channel/Swale	Culvert	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		I00504060004	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		I00506010006	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
I007	PT-SMA-4.2	I00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		I00702020006	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		I00704040005	Channel/Swale	Culvert	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		I00704060002	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		I00704060003	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		I00706010004	Check Dam	Rock Check Dam	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
W001	W-SMA-1	W00102010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		W00102020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		W00104060001	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		W00104060011	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		W00106010002	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		W00106010003	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		W00106010008	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		W00106010009	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		W00106010010	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
W002	W-SMA-1.5	W00202010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00203060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00203060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00204060007	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/22/2010	1/12/2011
		W00204070002	Channel/Swale	Vegetated Swale	X	X	~	~	4/29/2011	12/22/2010	1/12/2011
		W00204070003	Channel/Swale	Vegetated Swale	X	X	~	~	4/29/2011	12/22/2010	1/12/2011
		W00206010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00206010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00206010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00206010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00206010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W003	W-SMA-2.05	W00302010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00302020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00303060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00306010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00306010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W004	W-SMA-3.5	W00402010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00403060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00403060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00403060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00404060003	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/22/2010	1/12/2011
		W00406010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
W005	W-SMA-4.1	W00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00503060002	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00503060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00503060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00503060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
W006	W-SMA-5	W00601010002	Seed and Mulch	Seed and Wood Mulch	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		W00602010009	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00603060001	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00603060018	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00604040011	Channel/Swale	Culvert	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		W00604060006	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		W00604060007	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		W00606010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00606010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00606010013	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00606010014	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00606010015	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00606010016	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00606010017	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00606030005	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00607010004	Gabion	Gabions	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00607010010	Gabion	Gabions	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W007	W-SMA-6	W00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00702020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00703060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
W008	W-SMA-7	W00801010005	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00802010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00802020009	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00803060010	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00803060011	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00803060012	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00803060013	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00806010001	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00806010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W00806010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W009	W-SMA-7.8	W00902010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W00904060003	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		W00906010001	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00906010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00906010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W00906010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W010	W-SMA-7.9	W01002020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01006010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W011	W-SMA-8	W01102010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01102020004	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01103020001	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01106010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01106010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01106010006	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
W012	W-SMA-8.7	W01202010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01202020002	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2011	12/22/2010	1/12/2011

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
		W01203020009	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01203060010	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01206010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01206010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01206010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
W012A	W-SMA-8.71	W012A02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W012A03020003	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W012A03060002	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W013	W-SMA-9.05	W01302010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01303010003	Berm	Earthen Berm	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01303060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01303060006	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01303060007	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01303060008	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01304010004	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		W01306010001	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W014	W-SMA-9.5	W01402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		W01403060002	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		W01403060003	Berm	Straw Wattles	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		W01403060004	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		W01403060005	Berm	Straw Wattles	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
W015	W-SMA-9.7	W01502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01503060002	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01503060003	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01506030004	Check Dam	Juniper Bales	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01506030005	Check Dam	Juniper Bales	~	~	X	X	4/29/2011	12/22/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
W016	W-SMA-9.8	W01602010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01603020007	Berm	Base Course Berm	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01603060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01603060010	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01604060003	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
W017	W-SMA-9.9	W01701010006	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01702010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01703060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060008	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060009	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060010	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060011	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060012	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060013	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060014	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060015	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703060016	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01703090001	Berm	Curbing	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01706030004	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01706030005	Check Dam	Juniper Bales	~	X	~	X	4/29/2011	12/22/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
W018	W-SMA-10	W01801010015	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01801010017	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01802010009	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01803040010	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01803040016	Berm	Asphalt Berm	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01803060014	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01803060018	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01803060019	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01803060020	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01803060021	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01803090002	Berm	Curbing	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01804060004	Channel/Swale	Rip Rap	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01804060006	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		W01804060013	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/22/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
W019	W-SMA-11.7	W01901010039	Seed and Mulch	Seed and Wood Mulch	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01902010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W01903060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060010	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060012	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060015	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060016	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060017	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060018	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060019	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060020	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060021	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060022	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01903060025	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060026	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060027	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060028	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060029	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060030	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060031	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060032	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060033	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060034	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060035	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060036	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060037	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01903060038	Berm	Straw Wattles	~	~	X	X	4/29/2011	12/22/2010	1/12/2011
		W01904060002	Channel/Swale	Rip Rap	X	X	~	~	4/29/2011	12/22/2010	1/12/2011
		W01906010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01906010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01906010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01906010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01906010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W01906010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011

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Table D-5, cont'd. Baseline Control Measures Installed at Water/Cañon de Valle Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
W020	W-SMA-12.05	W02002010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W02003060004	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060005	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060006	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060007	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060008	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060009	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060010	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060011	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060012	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02003060013	Berm	Straw Wattles	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
		W02004060002	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	12/22/2010	1/12/2011
		W02006010001	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011
W021	W-SMA-14.1	W02102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	---	---
		W02103060002	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		W02103060003	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		W02103060004	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		W02103060005	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		W02103060006	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		W02103060007	Berm	Straw Wattles	~	~	X	X	4/29/2011	---	---
		W02104060014	Channel/Swale	Rip Rap	X	~	X	~	4/29/2011	---	---
		W02106010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		W02106010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		W02106010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		W02106010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2011	---	---
		W02106010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
		W02106010013	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	---	---
W022	W-SMA-15.1	W02202010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2011	12/22/2010	1/12/2011
		W02206010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2011	12/22/2010	1/12/2011

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Table D-6. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
A001	A-SMA-1.1	A00102030001	Permanent Vegetation	Vegetative Buffer Strip	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		A00103010005	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
A002	A-SMA-2	A00202010003	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00203010007	Berm	Earthen Berm	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00203010008	Berm	Earthen Berm	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00203060010	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00203060015	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00204010013	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		A00204060004	Channel/Swale	Rip Rap	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		A00206010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00206010012	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
A003	A-SMA-2.5	A00301060004	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00302010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00303010003	Berm	Earthen Berm	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00303060005	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00303060006	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011

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Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
A004	A-SMA-2.7	A00402010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00403060005	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00403060006	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00403060011	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00404010001	Channel/Swale	Earthen Channel/Swale	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		A00404040003	Channel/Swale	Culvert	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		A00406010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00406010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00406010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00406010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
A005	A-SMA-2.8	A00501030003	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00503010002	Berm	Earthen Berm	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
A006	A-SMA-3	A00602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		A00603010004	Berm	Earthen Berm	~	~	X	X	11/1/2010	11/1/2010	12/1/2010
		A00604010006	Channel/Swale	Earthen Channel/Swale	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		A00604010007	Channel/Swale	Earthen Channel/Swale	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		A00604010008	Channel/Swale	Earthen Channel/Swale	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		A00604060002	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		A00606010003	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		A00606010009	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		A00606010010	Check Dam	Rock Check Dam	~	~	~	X	11/1/2010	11/1/2010	12/1/2010
		A00606010011	Check Dam	Rock Check Dam	~	~	~	X	11/1/2010	11/1/2010	12/1/2010
		A00606010012	Check Dam	Rock Check Dam	~	~	~	X	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
A007	A-SMA-3.5	A00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00703060002	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
A008	A-SMA-4	A00801060008	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00802010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00803010007	Berm	Earthen Berm	~	~	X	~	4/29/2010	1/12/2011	2/11/2011
		A00803060002	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00804050005	Channel/Swale	Water Bar	~	~	X	~	4/29/2010	1/12/2011	2/11/2011
		A00804050006	Channel/Swale	Water Bar	~	~	X	~	4/29/2010	1/12/2011	2/11/2011
		A00806010003	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00806010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
A009	A-SMA-6	A00901060022	Seed and Mulch	Erosion Control Blanket	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00902010006	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		A00903010021	Berm	Earthen Berm	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00903060001	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00904020007	Channel/Swale	Concrete/Asphalt Channel/Swale	X	X	~	~	4/29/2010	1/12/2011	2/11/2011
		A00904060005	Channel/Swale	Rip Rap	X	X	~	~	4/29/2010	1/12/2011	2/11/2011
		A00906010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010010	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010012	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010013	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		A00906010014	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010015	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010016	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010017	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010018	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010019	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		A00906010020	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
Q001	CHQ-SMA-0.5	Q00102010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00103020002	Berm	Base Course Berm	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00104050006	Channel/Swale	Water Bar	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00104050007	Channel/Swale	Water Bar	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00106010003	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00106010004	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00106010005	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
Q002	CHQ-SMA-1.01	Q00201020001	Seed and Mulch	Seed and Gravel Mulch	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		Q00202010002	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00203020007	Berm	Base Course Berm	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00203060003	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00203060005	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
Q002A	CHQ-SMA-1.02	Q002A06010001	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q002A06010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q002A06010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q002A06010007	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q002A06010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q002A06010009	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q002A08030004	Cap	Concrete/Asphalt Cap	X	~	~	~	4/29/2010	1/12/2011	2/11/2011

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Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
Q002B	CHQ-SMA-1.03	Q002B02010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q002B02030002	Permanent Vegetation	Vegetative Buffer Strip	X	X	X	~	4/29/2010	1/12/2011	2/11/2011
		Q002B04060006	Channel/Swale	Rip Rap	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		Q002B04060007	Channel/Swale	Rip Rap	X	X	~	~	4/29/2010	1/12/2011	2/11/2011
		Q002B04060009	Channel/Swale	Rip Rap	X	X	~	~	4/29/2010	1/12/2011	2/11/2011
		Q002B04060010	Channel/Swale	Rip Rap	X	X	~	~	4/29/2010	1/12/2011	2/11/2011
		Q002B06010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q002B06010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q002B06010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q002B06010011	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q002B08030003	Cap	Concrete/Asphalt Cap	X	X	~	~	4/29/2010	1/12/2011	2/11/2011

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Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
Q003	CHQ-SMA-2	Q00301030022	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00302010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00302020005	Permanent Vegetation	Forested/Needle Cast	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00303020001	Berm	Base Course Berm	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00303020006	Berm	Base Course Berm	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00303040015	Berm	Asphalt Berm	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00303060016	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00303060017	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00303060018	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00303060019	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00303060020	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00303060021	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00304060002	Channel/Swale	Rip Rap	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		Q00304060007	Channel/Swale	Rip Rap	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		Q00306010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00306010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00306010009	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00306010010	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00306010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00306010012	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00306010013	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00306010014	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011

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Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
Q004	CHQ-SMA-3.05	Q00402010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00403060002	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00403060003	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00403060004	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00403060005	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00406010006	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00406010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
Q005	CHQ-SMA-4	Q00501030015	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00502010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00503060002	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060006	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060007	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060008	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060009	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060010	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060011	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060012	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060013	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00503060014	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00506010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00506010004	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00506010005	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
Q006	CHQ-SMA-4.1	Q00602010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00603060004	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00603060005	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00603060006	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00603060007	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00606010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00606010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
Q007	CHQ-SMA-4.5	Q00702010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00703060004	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00703060005	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00703060006	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00703060007	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00703060008	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00706010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00706010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
Q008	CHQ-SMA-5.05	Q00802010004	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	11/1/2010	11/1/2010	12/1/2010
		Q00803020006	Berm	Base Course Berm	~	X	~	X	11/1/2010	11/1/2010	12/1/2010
		Q00804060002	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		Q00804060005	Channel/Swale	Rip Rap	X	~	X	~	11/1/2010	11/1/2010	12/1/2010
		Q00804060007	Channel/Swale	Rip Rap	X	X	~	~	11/1/2010	11/1/2010	12/1/2010
		Q00806010003	Check Dam	Rock Check Dam	~	X	~	X	11/1/2010	11/1/2010	12/1/2010

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
Q009	CHQ-SMA-6	Q00901030028	Seed and Mulch	Hydromulch	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00901060006	Seed and Mulch	Erosion Control Blanket	X	X	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00902010005	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q00903010017	Berm	Earthen Berm	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00903060003	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00903060009	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00903060010	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00903060012	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00903060013	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00903060014	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00903060015	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00903060016	Berm	Straw Wattles	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010001	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010002	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010007	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010008	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010011	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010018	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010019	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010020	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010021	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010022	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010023	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010024	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010025	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010026	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q00906010027	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011

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Table D-6, cont'd. Baseline Control Measures Installed at Ancho and Chaquehui Watershed SMAs

Permitted Feature	Site Monitoring Area	BMP ID	Type of Control	Description	EC	ROFF	RON	SC	Completion Date		Certification Date
									Target	Actual	
Q010	CHQ-SMA-7.1	Q01002010001	Permanent Vegetation	Grasses and Shrubs	X	~	~	~	4/29/2010	1/12/2011	2/11/2011
		Q01003060002	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q01003060005	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q01003060006	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q01003060007	Berm	Straw Wattles	~	~	X	X	4/29/2010	1/12/2011	2/11/2011
		Q01004060009	Channel/Swale	Rip Rap	X	~	X	~	4/29/2010	1/12/2011	2/11/2011
		Q01006010003	Check Dam	Rock Check Dam	~	X	~	X	4/29/2010	1/12/2011	2/11/2011
		Q01006010008	Check Dam	Rock Check Dam	~	~	X	X	4/29/2010	1/12/2011	2/11/2011

BMP = Best Management Practice; EC = Erosion Control; ROFF = Runoff Control; RON – Run-on Control; SC = Sediment Control

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APPENDIX E

Corrective Actions [Reserved]

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APPENDIX F

Inspections

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Figure F-1. Rain Gage - Thiessen Polygon Assignments During 2010

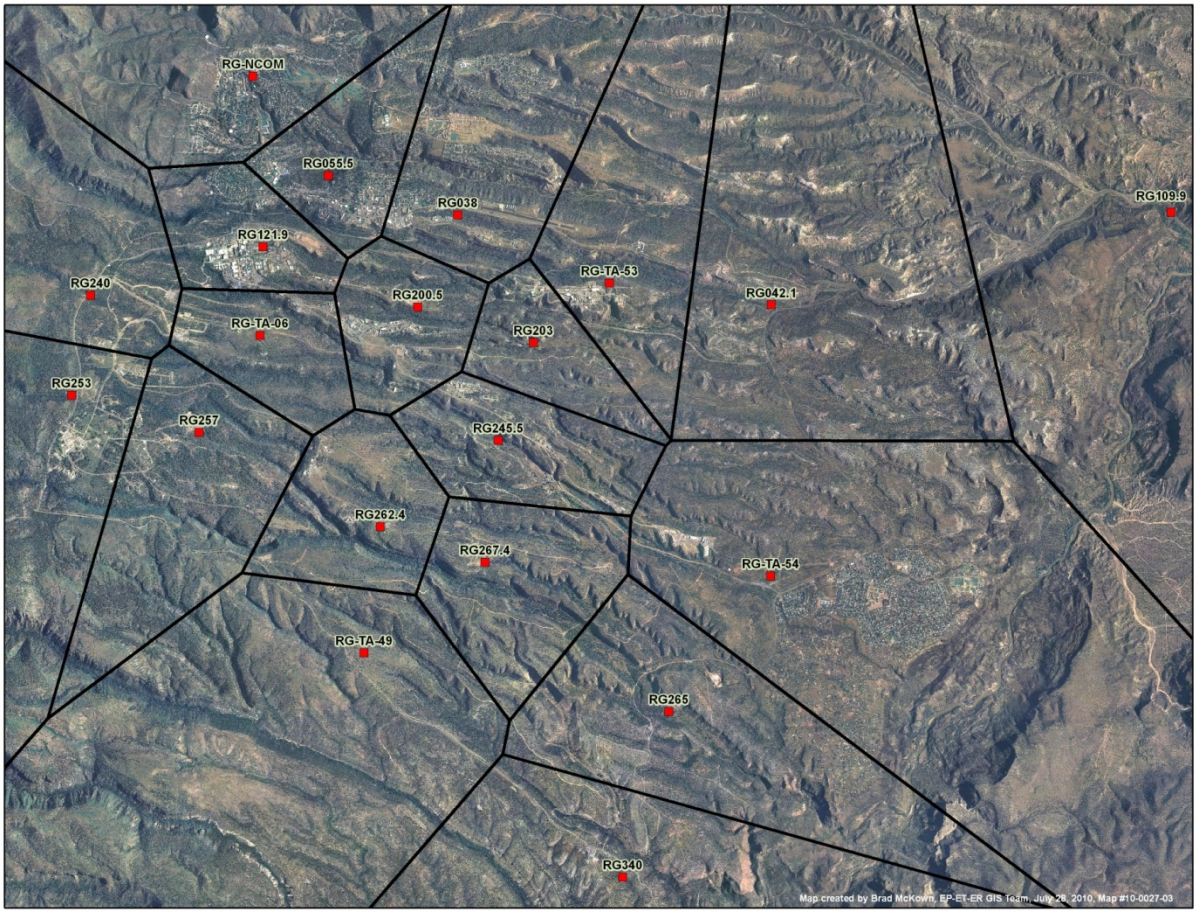

Table F-1. Rain Gage – SMA Assignments during 2010

Rain Gage	SMA	Rain Gage	SMA	Rain Gage	SMA	Rain Gage	SMA
RG-NCOM	R-SMA-0.5	RG-TA-54	CDB-SMA-4	RG055.5	B-SMA-1	RG200.5	CDB-SMA-0.15
	R-SMA-1		PJ-SMA-16		LA-SMA-2.1		M-SMA-3.5
	R-SMA-2.05		PJ-SMA-17		LA-SMA-2.3		M-SMA-4
RG-TA-06	2M-SMA-1.42		PJ-SMA-19		LA-SMA-3.1		M-SMA-5
	2M-SMA-1.43		PJ-SMA-18		LA-SMA-3.9		M-SMA-6
	2M-SMA-1.44		PJ-SMA-20		LA-SMA-4.1		M-SMA-7
	2M-SMA-1.45	RG038	DP-SMA-0.3		LA-SMA-4.2		M-SMA-7.9
	2M-SMA-1.5		DP-SMA-0.4		LA-SMA-5.01		M-SMA-9.1
	2M-SMA-1.65		DP-SMA-0.6		LA-SMA-5.02		M-SMA-10
	2M-SMA-1.67		DP-SMA-1		LA-SMA-5.2		M-SMA-10.01
	2M-SMA-1.7		DP-SMA-2		LA-SMA-5.35		M-SMA-10.3
	2M-SMA-1.8		DP-SMA-2.35		ACID-SMA-1.05		M-SMA-11.1
	2M-SMA-3		DP-SMA-3		ACID-SMA-2		M-SMA-12
	2M-SMA-2.5		LA-SMA-5.31		ACID-SMA-2.01		Pratt-SMA-1.05
	3M-SMA-0.2		LA-SMA-5.33		ACID-SMA-2.1		T-SMA-1
	PJ-SMA-5		LA-SMA-5.361		P-SMA-3.05		T-SMA-2.5
	PJ-SMA-5.1		LA-SMA-5.362	RG121.9	2M-SMA-1		T-SMA-2.85
	PJ-SMA-6		LA-SMA-5.51		2M-SMA-1.9		T-SMA-3
	PJ-SMA-7		LA-SMA-5.52		2M-SMA-2		T-SMA-4
	PJ-SMA-8		LA-SMA-5.53		2M-SMA-2.2		T-SMA-5
	PJ-SMA-9		LA-SMA-5.54		LA-SMA-0.85		T-SMA-6.8
	PJ-SMA-10		LA-SMA-5.91		LA-SMA-0.9		T-SMA-7
	PJ-SMA-11		LA-SMA-5.92		LA-SMA-1		T-SMA-7.1
	PJ-SMA-11.1		LA-SMA-6.25		LA-SMA-1.1	RG203	M-SMA-12.5
	M-SMA-3		LA-SMA-6.27		LA-SMA-1.25		M-SMA-12.6
	M-SMA-3.1		LA-SMA-6.3		M-SMA-1		M-SMA-12.7
RG-TA-53	B-SMA-0.5		LA-SMA-6.31		M-SMA-1.2		M-SMA-12.8
	DP-SMA-4		LA-SMA-6.32		M-SMA-1.21		M-SMA-12.9
	LA-SMA-9		LA-SMA-6.34		M-SMA-1.22		M-SMA-12.92
	LA-SMA-10.11		LA-SMA-6.36		S-SMA-0.25		M-SMA-13
	LA-SMA-10.12		LA-SMA-6.38		S-SMA-1.1		S-SMA-3.7
	P-SMA-0.3		LA-SMA-6.395		S-SMA-2		S-SMA-3.71
	S-SMA-4.1		LA-SMA-6.5		S-SMA-2.01		S-SMA-3.72
	S-SMA-5		P-SMA-1		S-SMA-2.8		S-SMA-3.95
	S-SMA-5.2		P-SMA-2		S-SMA-3.51		S-SMA-4.5
	S-SMA-5.5		P-SMA-2.15		S-SMA-3.52		
	S-SMA-6		P-SMA-2.2		S-SMA-3.53		
			R-SMA-1.95		S-SMA-3.6		
			R-SMA-2.3				
			R-SMA-2.5				

Table F-1, cont'd. Rain Gage – SMA Assignments during 2010

Rain Gage	SMA	Rain Gage	SMA	Rain Gage	SMA
RG240	PJ-SMA-1.05	RG257	PJ-SMA-3.05	RG262.4	3M-SMA-0.4
	STRM-SMA-1.05		PJ-SMA-4.05		3M-SMA-0.5
	STRM-SMA-1.5		CDV-SMA-2		PT-SMA-0.5
	STRM-SMA-4.2		CDV-SMA-2.3		PT-SMA-1
	STRM-SMA-5.05		CDV-SMA-2.41		PT-SMA-1.7
RG245.5	CDB-SMA-0.25		CDV-SMA-2.42		PT-SMA-2
	CDB-SMA-0.55		CDV-SMA-2.5		PT-SMA-2.01
	CDB-SMA-1		CDV-SMA-2.51		CDV-SMA-8
	CDB-SMA-1.15		CDV-SMA-3		CDV-SMA-8.5
	CDB-SMA-1.35		CDV-SMA-4		CDV-SMA-9.05
	CDB-SMA-1.54		CDV-SMA-6.01		W-SMA-11.7
	CDB-SMA-1.55		CDV-SMA-6.02		W-SMA-12.05
	CDB-SMA-1.65		CDV-SMA-7		W-SMA-14.1
	3M-SMA-0.6		W-SMA-3.5		W-SMA-15.1
	3M-SMA-2.6		W-SMA-4.1	RG265	A-SMA-2.5
	3M-SMA-4		W-SMA-5		A-SMA-2.7
	PJ-SMA-13		W-SMA-6		A-SMA-2.8
	PJ-SMA-13.7		W-SMA-7		A-SMA-3
	PJ-SMA-14		W-SMA-7.8	RG267.4	A-SMA-1.1
	PJ-SMA-14.2		W-SMA-7.9		A-SMA-2
	PJ-SMA-14.3		W-SMA-8		F-SMA-2
	PJ-SMA-14.4		W-SMA-8.7		PT-SMA-3
	PJ-SMA-14.6		W-SMA-8.71		PT-SMA-4.2
	PJ-SMA-14.8		W-SMA-9.05	RG340	A-SMA-3.5
RG253	PJ-SMA-2		W-SMA-9.5		A-SMA-4
	CDV-SMA-1.2		W-SMA-9.7		A-SMA-6
	CDV-SMA-1.3		W-SMA-9.8		CHQ-SMA-0.5
	CDV-SMA-1.4		W-SMA-9.9		CHQ-SMA-1.01
	CDV-SMA-1.45		W-SMA-10		CHQ-SMA-1.02
	CDV-SMA-1.7				CHQ-SMA-1.03
	W-SMA-1				CHQ-SMA-2
	W-SMA-1.5				CHQ-SMA-3.05
	W-SMA-2.05				CHQ-SMA-4
					CHQ-SMA-4.1
					CHQ-SMA-4.5
					CHQ-SMA-5.05
					CHQ-SMA-6
					CHQ-SMA-7.1

Table F-2. "Storm Rain Events" During 2010 (1)

Storm Date	Rain Gage	Number of SMAs	24-Hour Total (inches) (2)	Duration (hours)	30-Minute Maximum Intensity (inch / 30 min)	Comment
4/18/2010	RG253	9	0.39	0.91	0.34	
4/19/2010	RG-NCOM	3	0.46	1.75	0.31	
	RG-TA-06	23	0.53	2.25	0.33	HAIL
	RG253	9	0.99	3.91	0.34	HAIL
5/14/2010	RG-TA-06	23	0.98	4.50	0.31	
	RG245.5	19	0.91	3.83	0.32	
	RG253	9	1.86	4.50	0.95	
	RG262.4	14	0.75	3.50	0.26	
5/28/2010	RG340	15	0.44	0.66	0.40	
6/24/2010	RG-NCOM	3	0.42	0.75	0.40	
	RG055.5	16	0.31	0.50	0.31	
	RG121.9	22	0.28	0.50	0.27	
6/28/2010	RG-TA-06	23	0.32	0.75	0.28	
	RG121.9	22	0.30	0.66	0.28	
	RG257	29	0.32	0.66	0.30	
	RG262.4	14	0.44	0.41	0.43	
	RG267.4	5	0.29	0.25	0.29	
7/2/2010	RG-TA-54	6	0.74	2.75	0.55	
	RG257	29	0.91	1.75	0.59	
	RG262.4	14	0.77	2.08	0.45	
	RG265	4	1.02	2.08	0.80	
	RG267.4	5	0.72	2.25	0.41	
	RG340	15	0.65	2.25	0.42	
7/7/2010	RG265	4	0.33	0.83	0.29	
7/9/2010	RG-NCOM	3	0.35	0.50	0.35	
	RG055.5	16	0.43	0.33	0.43	
	RG240	5	0.32	0.33	0.31	
	RG257	29	0.31	0.33	0.31	
	RG262.4	14	0.38	0.66	0.33	
	RG267.4	5	0.29	1.00	0.26	

Table F-2, cont'd. "Storm Rain Events" During 2010 (1)

Storm Date	Rain Gage	Number of SMAs	24-Hour Total (inches) (2)	Duration (hours)	30-Minute Maximum Intensity (inch / 30 min)	Comment
7/22/2010	RG-NCOM	3	1.07	4.00	0.61	
	RG-TA-06	23	1.63	4.25	0.69	
	RG055.5	16	1.40	2.66	0.88	
	RG121.9	22	1.73	3.16	0.99	
	RG240	5	0.89	2.66	0.27	
	RG253	9	2.54	3.25	1.42	
	RG257	29	1.26	2.58	0.57	
	RG340	15	0.48	0.66	0.45	
7/23/2010	RG265	4	0.57	2.08	0.25	
7/24/2010	RG-TA-06	23	0.38	2.75	0.26	
	RG055.5	16	0.44	1.58	0.31	
	RG121.9	22	0.40	1.75	0.25	
	RG257	29	0.50	1.25	0.41	
	RG262.4	14	0.38	1.25	0.29	
	RG267.4	5	0.47	1.58	0.34	
	RG340	15	0.60	1.91	0.40	
7/25/2010	RG-NCOM	3	0.78	7.25	0.27	
	RG-TA-06	23	0.79	7.50	0.29	
	RG055.5	16	0.93	3.75	0.48	
	RG121.9	22	1.08	3.83	0.59	
	RG240	5	0.88	3.25	0.35	
	RG253	9	1.03	3.33	0.32	
	RG257	29	0.84	3.00	0.29	
	RG340	15	0.66	2.41	0.28	
7/30/2010	RG-NCOM	3	0.41	2.75	0.27	
	RG-TA-53	11	0.78	3.25	0.44	
	RG-TA-54	6	0.53	2.25	0.32	
	RG038	34	0.55	1.75	0.35	
	RG055.5	16	0.48	3.00	0.31	EST
	RG200.5	23	0.58	1.66	0.27	
	RG265	4	0.79	1.75	0.47	
	RG267.4	5	0.35	2.00	0.25	EST
	RG340	15	0.74	2.08	0.35	
8/4/2010	RG121.9	22	0.37	0.66	0.35	

Table F-2, cont'd. "Storm Rain Events" During 2010 (1)

Storm Date	Rain Gage	Number of SMAs	24-Hour Total (inches) (2)	Duration (hours)	30-Minute Maximum Intensity (inch / 30 min)	Comment
8/5/2010	RG-NCOM	3	0.92	1.00	0.85	
	RG-TA-06	23	0.79	1.25	0.68	
	RG038	34	0.37	1.00	0.31	
	RG055.5	16	1.01	1.00	0.89	
	RG121.9	22	0.66	0.83	0.60	
	RG200.5	23	0.43	0.83	0.39	
	RG240	5	1.16	1.00	1.04	EST
	RG245.5	19	0.39	0.91	0.34	
	RG253	9	1.77	1.16	1.60	
	RG257	29	0.55	0.91	0.47	
	RG262.4	14	0.70	0.83	0.66	
	RG265	4	0.52	0.91	0.47	
	RG267.4	5	0.56	0.91	0.50	
	RG340	15	0.33	1.00	0.27	
8/6/2010	RG253	9	1.39	1.75	0.81	
8/9/2010	RG-TA-06	23	0.54	0.75	0.53	
	RG038	34	0.28	0.75	0.25	
	RG200.5	23	0.54	0.58	0.53	
	RG203	12	0.38	0.50	0.38	
	RG245.5	19	0.37	0.41	0.37	
	RG253	9	1.18	1.00	1.05	
	RG257	29	0.28	0.41	0.28	
	RG262.4	14	0.25	0.25	0.25	
8/12/2010	RG-NCOM	3	0.49	2.50	0.32	
8/15/2010	RG-NCOM	3	0.62	2.50	0.25	
	RG-TA-06	23	0.67	2.25	0.32	
	RG-TA-53	11	1.31	2.75	0.55	
	RG-TA-54	6	1.39	3.25	0.82	
	RG038	34	1.21	2.16	0.70	
	RG055.5	16	1.17	2.16	0.65	
	RG200.5	23	0.89	1.91	0.61	
	RG203	12	0.99	1.91	0.50	
	RG240	5	0.68	2.00	0.33	
	RG253	9	2.12	2.33	1.14	

Table F-2, cont'd. "Storm Rain Events" During 2010 (1)

Storm Date	Rain Gage	Number of SMAs	24-Hour Total (inches) (2)	Duration (hours)	30-Minute Maximum Intensity (inch / 30 min)	Comment
8/16/2010	RG-NCOM	3	1.15	3.25	0.46	
	RG-TA-06	23	0.47	2.25	0.34	
	RG-TA-53	11	0.58	2.50	0.38	
	RG-TA-54	6	0.39	2.25	0.26	
	RG038	34	0.95	1.91	0.61	
	RG055.5	16	1.62	2.16	0.94	
	RG121.9	22	1.11	2.00	0.73	
	RG200.5	23	0.43	1.25	0.33	
	RG203	12	0.34	1.08	0.25	
	RG240	5	0.67	1.33	0.49	
	RG253	9	1.28	1.91	1.05	
8/23/2010	RG-NCOM	3	0.74	1.50	0.44	
	RG-TA-54	6	0.37	1.25	0.34	
	RG038	34	0.50	1.16	0.39	
	RG055.5	16	0.89	1.50	0.47	
	RG121.9	22	0.59	1.50	0.36	
	RG200.5	23	0.46	1.41	0.28	
	RG245.5	19	0.39	1.41	0.27	
	RG253	9	0.75	1.66	0.47	
9/21/2010	RG-TA-53	11	0.27	0.75	0.26	
	RG203	12	0.37	1.08	0.29	
	RG262.4	14	0.41	1.33	0.25	
9/22/2010	RG-TA-06	23	1.28	7.00	0.35	
	RG-TA-53	11	0.89	6.00	0.37	
	RG038	34	1.22	3.75	0.38	
	RG200.5	23	1.14	3.75	0.39	
	RG245.5	19	0.89	3.41	0.34	
	RG253	9	0.97	4.75	0.32	
	RG257	29	1.28	4.00	0.40	
	RG262.4	14	1.00	3.75	0.26	
10/1/2010	RG253	9	0.60	0.91	0.55	
	RG340	15	0.48	1.33	0.32	
10/2/2010	RG-TA-06	23	0.61	1.75	0.35	
	RG253	9	1.06	3.16	0.50	
	RG257	29	0.50	1.25	0.27	

Table F-2, cont'd. "Storm Rain Events" During 2010 (1)

Storm Date	Rain Gage	Number of SMAs	24-Hour Total (inches) (2)	Duration (hours)	30-Minute Maximum Intensity (inch / 30 min)	Comment
10/5/2010	RG253	9	0.28	0.66	0.26	
10/20/2010	RG-NCOM	3	1.41	5.75	0.65	
	RG240	5	1.90	5.00	1.10	EST
	RG253	9	2.43	4.08	1.51	
	RG257	29	0.90	3.66	0.30	

EST: The rain precipitation data is estimated due to equipment malfunction.

Notes:

1. The process for gathering and managing electronic precipitation measurement data is described in standard operating procedure (SOP) EP-DIV-SOP-10004, *Managing Electronic Precipitation Data for Storm Water Projects*. Electronic data management processes include: downloading electronic data from remote data loggers and the LANL Weather Machine; processing the raw data files; and calculating the 24-hour cumulative amount, storm duration, and maximum 30-minute storm intensity.

2. For measurement and reporting purposes, a 24-hour "day" starts and ends at 6:00 am. Any events occurring after midnight are considered part of the day that began the previous morning at 6:00 am.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
4/18/2010	RG253	0.34	J002	PJ-SMA-2	4/27/2010	Yes	NONE	
			V001	CDV-SMA-1.2	4/26/2010	Yes	NONE	
			V002	CDV-SMA-1.3	4/26/2010	Yes	NONE	
			V003	CDV-SMA-1.4	4/27/2010	Yes	MAINT	Housekeeping – pick up trash.
			V004	CDV-SMA-1.45	4/27/2010	Yes	MAINT	Housekeeping – pick up trash.
			V005	CDV-SMA-1.7	4/30/2010	Yes	NONE	
			W001	W-SMA-1	4/26/2010	Yes	MAINT	Housekeeping – pick up trash.
			W002	W-SMA-1.5	4/27/2010	Yes	MAINT	Damaged BMP replaced.
			W003	W-SMA-2.05	4/26/2010	Yes	NONE	
4/19/2010	RG-NCOM	0.31	R001	R-SMA-0.5	4/22/2010	Yes	NONE	
			R002	R-SMA-1	4/22/2010	Yes	MAINT	Erosion on site.
			R004	R-SMA-2.05	4/22/2010	Yes	NONE	
4/19/2010	RG-TA-06	0.33	E002	2M-SMA-1.42	4/26/2010	Yes	NONE	
			E003	2M-SMA-1.43	4/27/2010	Yes	NONE	
			E004	2M-SMA-1.44	4/26/2010	Yes	NONE	
			E005	2M-SMA-1.45	4/27/2010	Yes	NONE	
			E006	2M-SMA-1.5	4/26/2010	Yes	NONE	
			E007	2M-SMA-1.65	4/28/2010	Yes	NONE	
			E008	2M-SMA-1.67	4/27/2010	Yes	NONE	
			E009	2M-SMA-1.7	4/26/2010	Yes	NONE	
			E010	2M-SMA-1.8	5/10/2010	No[3]	MAINT	Housekeeping – pick up trash.

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
4/19/2010	RG-TA-06	0.33	E014	2M-SMA-3	4/30/2010	Yes	NONE	
			E015	2M-SMA-2.5	4/28/2010	Yes	NONE	
			H001	3M-SMA-0.2	4/27/2010	Yes	NONE	
			J005	PJ-SMA-5	4/27/2010	Yes	NONE	
			J006	PJ-SMA-5.1	4/26/2010	Yes	MAINT	Damaged BMP.
			J007	PJ-SMA-6	4/28/2010	Yes	NONE	
			J008	PJ-SMA-7	4/28/2010	Yes	NONE	
			J009	PJ-SMA-8	4/28/2010	Yes	MAINT	Basecourse on site used for BMP maintenance.
			J010	PJ-SMA-9	4/28/2010	Yes	NONE	
			J012	PJ-SMA-10	4/28/2010	Yes	MAINT	BMP damaged but functioning.
			J013	PJ-SMA-11	4/28/2010	Yes	NONE	
			J014	PJ-SMA-11.1	4/28/2010	Yes	NONE	
			M003	M-SMA-3	4/26/2010	Yes	MAINT	BMP needs repair.
			M004	M-SMA-3.1	4/26/2010	Yes	NONE	
4/19/2010	RG253	0.34	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
5/14/2010	RG245.5	0.32	C002	CDB-SMA-0.25	5/19/2010	Yes	MAINT	BMP needs repair.
			C003	CDB-SMA-0.55	5/19/2010	Yes	NONE	
			C004	CDB-SMA-1	5/26/2010	Yes	NONE	
			C005	CDB-SMA-1.15	5/19/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
5/14/2010	RG245.5	0.32	C006	CDB-SMA-1.35	5/19/2010	Yes	NONE	
			C007	CDB-SMA-1.54	5/19/2010	Yes	NONE	
			C008	CDB-SMA-1.55	5/26/2010	Yes	NONE	
			C009	CDB-SMA-1.65	5/19/2010	Yes	NONE	
			H004	3M-SMA-0.6	5/24/2010	Yes	MAINT	Damaged BMP.
			H005	3M-SMA-2.6	5/19/2010	Yes	NONE	
			H006	3M-SMA-4	5/19/2010	Yes	NONE	
			J015	PJ-SMA-13	5/19/2010	Yes	NONE	
			J016	PJ-SMA-13.7	5/19/2010	Yes	NONE	
			J017	PJ-SMA-14	5/26/2010	Yes	NONE	
			J018	PJ-SMA-14.2	5/19/2010	Yes	NONE	
			J019	PJ-SMA-14.3	5/19/2010	Yes	NONE	
			J020	PJ-SMA-14.4	5/19/2010	Yes	MAINT	BMP modification completed.
			J021	PJ-SMA-14.6	5/19/2010	Yes	NONE	
			J022	PJ-SMA-14.8	5/19/2010	Yes	MAINT	BMP modification completed.
5/14/2010	RG253	0.95	J002	PJ-SMA-2	5/19/2010	Yes	NONE	
			V001	CDV-SMA-1.2	5/24/2010	Yes	NONE	
			V002	CDV-SMA-1.3	5/24/2010	Yes	NONE	
			V003	CDV-SMA-1.4	5/24/2010	Yes	NONE	
			V004	CDV-SMA-1.45	5/24/2010	Yes	NONE	
			V005	CDV-SMA-1.7	5/24/2010	Yes	NONE	
			W001	W-SMA-1	5/27/2010	Yes	MAINT	BMP modification completed.
			W002	W-SMA-1.5	5/26/2010	Yes	NONE	
			W003	W-SMA-2.05	5/26/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
5/14/2010	RG262.4	0.26	H002	3M-SMA-0.4	5/24/2010	Yes	NONE	
			H003	3M-SMA-0.5	5/24/2010	Yes	NONE	
			I001	PT-SMA-0.5	5/19/2010	Yes	NONE	
			I002	PT-SMA-1	5/19/2010	Yes	MAINT	Additional BMPs installed.
			I003	PT-SMA-1.7	5/19/2010	Yes	MAINT	Housekeeping – pick up trash.
			I004	PT-SMA-2	5/19/2010	Yes	NONE	
			I004A	PT-SMA-2.01	5/19/2010	Yes	NONE	
			V014	CDV-SMA-8	5/24/2010	Yes	NONE	
			V015	CDV-SMA-8.5	5/24/2010	Yes	NONE	
			V016	CDV-SMA-9.05	5/24/2010	Yes	NONE	
			W019	W-SMA-11.7	5/20/2010	Yes	NONE	
			W020	W-SMA-12.05	5/20/2010	Yes	NONE	
			W021	W-SMA-14.1	5/19/2010	Yes	NONE	
			W022	W-SMA-15.1	5/20/2010	Yes	NONE	
5/14/2010	RG-TA-06	0.31	E002	2M-SMA-1.42	5/19/2010	Yes	NONE	
			E003	2M-SMA-1.43	5/19/2010	Yes	NONE	
			E004	2M-SMA-1.44	5/19/2010	Yes	NONE	
			E005	2M-SMA-1.45	5/19/2010	Yes	NONE	
			E006	2M-SMA-1.5	5/19/2010	Yes	NONE	
			E007	2M-SMA-1.65	5/19/2010	Yes	NONE	
			E008	2M-SMA-1.67	5/19/2010	Yes	NONE	
			E009	2M-SMA-1.7	5/26/2010	Yes	NONE	
			E010	2M-SMA-1.8	5/26/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
5/14/2010	RG-TA-06	0.31	E014	2M-SMA-3	5/26/2010	Yes	NONE	
			E015	2M-SMA-2.5	5/26/2010	Yes	NONE	
			H001	3M-SMA-0.2	5/19/2010	Yes	NONE	
			J005	PJ-SMA-5	5/24/2010	Yes	NONE	
			J006	PJ-SMA-5.1	5/19/2010	Yes	NONE	
			J007	PJ-SMA-6	5/19/2010	Yes	NONE	
			J008	PJ-SMA-7	5/26/2010	Yes	NONE	
			J009	PJ-SMA-8	5/26/2010	Yes	NONE	
			J010	PJ-SMA-9	5/26/2010	Yes	NONE	
			J012	PJ-SMA-10	5/26/2010	Yes	NONE	
			J013	PJ-SMA-11	5/26/2010	Yes	NONE	
			J014	PJ-SMA-11.1	5/26/2010	Yes	NONE	
			M003	M-SMA-3	5/19/2010	Yes	NONE	
			M004	M-SMA-3.1	5/19/2010	Yes	NONE	
5/28/2010	RG340	0.4	A007	A-SMA-3.5	6/4/2010	Yes	NONE	
			A008	A-SMA-4	6/7/2010	Yes	NONE	
			A009	A-SMA-6	6/7/2010	Yes	NONE	
			Q001	CHQ-SMA-0.5	6/7/2010	Yes	NONE	
			Q002	CHQ-SMA-1.01	6/4/2010	Yes	NONE	
			Q002A	CHQ-SMA-1.02	6/4/2010	Yes	NONE	
			Q002B	CHQ-SMA-1.03	6/4/2010	Yes	MAINT	BMP needs repair.
			Q003	CHQ-SMA-2	6/7/2010	Yes	NONE	
			Q004	CHQ-SMA-3.05	6/4/2010	Yes	NONE	

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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
5/28/2010	RG340	0.4	Q005	CHQ-SMA-4	6/4/2010	Yes	NONE	
			Q006	CHQ-SMA-4.1	6/4/2010	Yes	NONE	
			Q007	CHQ-SMA-4.5	6/7/2010	Yes	NONE	
			Q008	CHQ-SMA-5.05	6/4/2010	Yes	NONE	
			Q009	CHQ-SMA-6	6/3/2010	Yes	NONE	
			Q010	CHQ-SMA-7.1	6/3/2010	Yes	MAINT	BMP modification completed.
6/24/2010	RG055.5	0.31	B002	B-SMA-1	7/6/2010	Yes	NONE	
			L006	LA-SMA-2.1	7/6/2010	Yes	MAINT	BMPs retired. Additional BMPs installed.
			L007	LA-SMA-2.3	7/6/2010	Yes	NONE	
			L008	LA-SMA-3.1	7/6/2010	Yes	NONE	
			L009	LA-SMA-3.9	7/6/2010	Yes	NONE	
			L010	LA-SMA-4.1	7/6/2010	Yes	NONE	
			L011	LA-SMA-4.2	7/6/2010	Yes	NONE	
			L012	LA-SMA-5.01	7/8/2010	Yes	NONE	
			L012A	LA-SMA-5.02	7/6/2010	Yes	NONE	
			L013	LA-SMA-5.2	7/8/2010	Yes	NONE	
			L014	LA-SMA-5.35	7/8/2010	Yes	MAINT	Replace BMP.
			P001	ACID-SMA-1.05	7/6/2010	Yes	NONE	
			P002	ACID-SMA-2	7/6/2010	Yes	NONE	
			P002A	ACID-SMA-2.01	7/6/2010	Yes	NONE	
			P003	ACID-SMA-2.1	7/6/2010	Yes	NONE	
			P009	P-SMA-3.05	7/6/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
6/24/2010	RG121.9	0.27	E001	2M-SMA-1	7/6/2010	Yes	NONE	
			E011	2M-SMA-1.9	7/6/2010	Yes	NONE	
			E012	2M-SMA-2	7/6/2010	Yes	MAINT	Housekeeping – pick up trash.
			E013	2M-SMA-2.2	7/6/2010	Yes	NONE	
			L001	LA-SMA-0.85	7/8/2010	Yes	NONE	
			L002	LA-SMA-0.9	7/8/2010	Yes	NONE	
			L003	LA-SMA-1	7/8/2010	Yes	MAINT	BMP needs repair.
			L004	LA-SMA-1.1	7/6/2010	Yes	NONE	
			L005	LA-SMA-1.25	7/6/2010	Yes	NONE	
			M001	M-SMA-1	7/6/2010	Yes	MAINT	Housekeeping – pick up trash.
			M002	M-SMA-1.2	7/6/2010	Yes	NONE	
			M002A	M-SMA-1.21	7/6/2010	Yes	NONE	
			M002B	M-SMA-1.22	7/6/2010	Yes	NONE	
			S001	S-SMA-0.25	7/6/2010	Yes	NONE	
			S002	S-SMA-1.1	7/6/2010	Yes	NONE	
			S003	S-SMA-2	7/6/2010	Yes	NONE	
			S003A	S-SMA-2.01	7/12/2010	No[3]	NONE	
			S004	S-SMA-2.8	7/6/2010	Yes	NONE	
			S005	S-SMA-3.51	7/12/2010	No[3]	NONE	
			S005A	S-SMA-3.52	7/12/2010	No[3]	NONE	
			S005B	S-SMA-3.53	7/12/2010	No[3]	NONE	
			S006	S-SMA-3.6	7/7/2010	Yes	MAINT	Replace BMP.
6/24/2010	RG-NCOM	0.4	R001	R-SMA-0.5	7/6/2010	Yes	NONE	
			R002	R-SMA-1	7/8/2010	Yes	MAINT	Erosion on site.
			R004	R-SMA-2.05	7/8/2010	Yes	NONE	
6/28/2010	RG121.9	0.28	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			

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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
6/28/2010	RG257	0.3	J003	PJ-SMA-3.05	7/6/2010	Yes	NONE	
			J004	PJ-SMA-4.05	7/6/2010	Yes	NONE	
			V006	CDV-SMA-2	7/30/2010	No[4]	MAINT	BMP repaired.
			V007	CDV-SMA-2.3	7/8/2010	Yes	MAINT	BMP modification. BMP is functioning.
			V008	CDV-SMA-2.41	7/8/2010	Yes	MAINT	BMP needs repair.
			V008A	CDV-SMA-2.42	7/8/2010	Yes	MAINT	BMP misidentified.
			V009	CDV-SMA-2.5	7/8/2010	Yes	MAINT	BMP damaged but functioning.
			V009A	CDV-SMA-2.51	7/8/2010	Yes	NONE	
			V010	CDV-SMA-3	7/6/2010	Yes	NONE	
			V011	CDV-SMA-4	7/6/2010	Yes	NONE	
			V012	CDV-SMA-6.01	7/6/2010	Yes	NONE	
			V012A	CDV-SMA-6.02	7/6/2010	Yes	NONE	
			V013	CDV-SMA-7	7/1/2010	Yes	NONE	
			W004	W-SMA-3.5	6/30/2010	Yes	NONE	
			W005	W-SMA-4.1	6/30/2010	Yes	NONE	
			W006	W-SMA-5	7/6/2010	Yes	MAINT	BMP modification may be required.
			W007	W-SMA-6	6/29/2010	Yes	NONE	
6/28/2010	RG257	0.3	W008	W-SMA-7	6/30/2010	Yes	NONE	
			W009	W-SMA-7.8	6/30/2010	Yes	NONE	
			W010	W-SMA-7.9	6/30/2010	Yes	NONE	
			W011	W-SMA-8	6/30/2010	Yes	NONE	
			W012	W-SMA-8.7	7/27/2010	No[4]	NONE	
			W012A	W-SMA-8.71	7/27/2010	No[4]	NONE	
			W013	W-SMA-9.05	6/30/2010	Yes	NONE	
			W014	W-SMA-9.5	7/8/2010	Yes	NONE	
			W015	W-SMA-9.7	7/8/2010	Yes	NONE	
			W016	W-SMA-9.8	7/8/2010	Yes	NONE	

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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
6/28/2010	RG257	0.3	W017	W-SMA-9.9	7/8/2010	Yes	NONE	
			W018	W-SMA-10	7/8/2010	Yes	NONE	
6/28/2010	RG262.4	0.43	H002	3M-SMA-0.4	6/30/2010	Yes	NONE	
			H003	3M-SMA-0.5	6/30/2010	Yes	NONE	
			I001	PT-SMA-0.5	7/8/2010	Yes	NONE	
			I002	PT-SMA-1	7/8/2010	Yes	NONE	
			I003	PT-SMA-1.7	7/8/2010	Yes	NONE	
			I004	PT-SMA-2	7/8/2010	Yes	NONE	
			I004A	PT-SMA-2.01	7/8/2010	Yes	NONE	
			V014	CDV-SMA-8	7/1/2010	Yes	NONE	
			V015	CDV-SMA-8.5	7/1/2010	Yes	NONE	
			V016	CDV-SMA-9.05	7/6/2010	Yes	NONE	
			W019	W-SMA-11.7	7/8/2010	Yes	NONE	
			W020	W-SMA-12.05	7/9/2010	Yes	NONE	
			W021	W-SMA-14.1	7/29/2010	No[4]	NONE	
			W022	W-SMA-15.1	7/9/2010	Yes	NONE	
6/28/2010	RG267.4	0.29	A001	A-SMA-1.1	7/22/2010	No[4]	NONE	
			A002	A-SMA-2	7/22/2010	No[4]	MAINT	Housekeeping.
			F001	F-SMA-2	7/6/2010	Yes	NONE	
			I005	PT-SMA-3	7/6/2010	Yes	NONE	
			I007	PT-SMA-4.2	7/6/2010	Yes	NONE	
6/28/2010	RG-TA-06	0.28	E002	2M-SMA-1.42	6/30/2010	Yes	MAINT	BMP needs repair.
			E003	2M-SMA-1.43	6/30/2010	Yes	NONE	
			E004	2M-SMA-1.44	6/30/2010	Yes	NONE	
			E005	2M-SMA-1.45	6/30/2010	Yes	NONE	
			E006	2M-SMA-1.5	6/30/2010	Yes	NONE	
			E007	2M-SMA-1.65	7/1/2010	Yes	NONE	

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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
6/28/2010	RG-TA-06	0.28	E008	2M-SMA-1.67	6/30/2010	Yes	NONE	
			E009	2M-SMA-1.7	7/6/2010	Yes	NONE	
			E010	2M-SMA-1.8	7/6/2010	Yes	NONE	
			E014	2M-SMA-3	7/1/2010	Yes	NONE	
			E015	2M-SMA-2.5	7/1/2010	Yes	NONE	
			H001	3M-SMA-0.2	7/1/2010	Yes	NONE	
			J005	PJ-SMA-5	6/30/2010	Yes	NONE	
			J006	PJ-SMA-5.1	6/30/2010	Yes	NONE	
			J007	PJ-SMA-6	7/1/2010	Yes	NONE	
			J008	PJ-SMA-7	7/1/2010	Yes	NONE	
			J009	PJ-SMA-8	7/1/2010	Yes	NONE	
			J010	PJ-SMA-9	7/1/2010	Yes	NONE	
			J012	PJ-SMA-10	7/1/2010	Yes	NONE	
			J013	PJ-SMA-11	7/1/2010	Yes	NONE	
6/28/2010	RG-TA-06	0.28	J014	PJ-SMA-11.1	7/1/2010	Yes	NONE	
			M003	M-SMA-3	7/6/2010	Yes	NONE	
			M004	M-SMA-3.1	7/6/2010	Yes	NONE	
7/2/2010	RG257	0.59	V009A	CDV-SMA-2.51	*Storm rain event within 15 days of previous event; additional inspection not required.*			
			V009	CDV-SMA-2.5	*Storm rain event within 15 days of previous event; additional inspection not required.*			
			V012	CDV-SMA-6.01	*Storm rain event within 15 days of previous event; additional inspection not required.*			
			V011	CDV-SMA-4	*Storm rain event within 15 days of previous event; additional inspection not required.*			
			V013	CDV-SMA-7	7/28/2010	No[4]	NONE	
			W004	W-SMA-3.5	7/27/2010	No[4]	NONE	
			W005	W-SMA-4.1	7/27/2010	No[4]	NONE	
			W007	W-SMA-6	7/27/2010	No[4]	NONE	
			W008	W-SMA-7	7/27/2010	No[4]	NONE	
			W009	W-SMA-7.8	7/27/2010	No[4]	NONE	

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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/2/2010	RG257	0.59	W010	W-SMA-7.9	7/27/2010	No[4]	NONE	
			W011	W-SMA-8	7/27/2010	No[4]	MAINT	BMP repaired.
			W013	W-SMA-9.05	7/27/2010	No[4]	NONE	
			W014	W-SMA-9.5	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/2/2010	RG262.4	0.45	H002	3M-SMA-0.4	7/7/2010	Yes	NONE	
			H003	3M-SMA-0.5	7/8/2010	Yes	NONE	
			V014	CDV-SMA-8	7/28/2010	No[4]	NONE	
			V015	CDV-SMA-8.5	7/28/2010	No[4]	NONE	
7/2/2010	RG265	0.8	A003	A-SMA-2.5	7/22/2010	No[4]	NONE	
			A004	A-SMA-2.7	7/22/2010	No[4]	NONE	
			A005	A-SMA-2.8	7/22/2010	No[4]	NONE	
			A006	A-SMA-3	7/22/2010	No[4]	NONE	
7/2/2010	RG267.4	0.41	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/2/2010	RG340	0.42	A007	A-SMA-3.5	7/12/2010	Yes	NONE	
			A008	A-SMA-4	7/9/2010	Yes	NONE	
			A009	A-SMA-6	7/9/2010	Yes	NONE	
			Q001	CHQ-SMA-0.5	7/12/2010	Yes	NONE	
			Q002	CHQ-SMA-1.01	7/12/2010	Yes	NONE	
			Q002A	CHQ-SMA-1.02	7/12/2010	Yes	NONE	
			Q002B	CHQ-SMA-1.03	7/12/2010	Yes	NONE	
			Q003	CHQ-SMA-2	7/12/2010	Yes	NONE	
			Q004	CHQ-SMA-3.05	7/12/2010	Yes	NONE	
			Q005	CHQ-SMA-4	7/12/2010	Yes	NONE	
			Q006	CHQ-SMA-4.1	7/12/2010	Yes	NONE	
			Q007	CHQ-SMA-4.5	7/12/2010	Yes	NONE	
			Q008	CHQ-SMA-5.05	7/12/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/2/2010	RG340	0.42	Q009	CHQ-SMA-6	7/13/2010	Yes	MAINT	BMP needs repair.
			Q010	CHQ-SMA-7.1	7/12/2010	Yes	NONE	
7/2/2010	RG-TA-54	0.55	C010	CDB-SMA-4	7/13/2010	Yes	NONE	
			J023	PJ-SMA-16	7/7/2010	Yes	NONE	
			J024	PJ-SMA-17	7/13/2010	Yes	NONE	
			J025	PJ-SMA-19	7/13/2010	Yes	NONE	
			J026	PJ-SMA-18	7/13/2010	Yes	NONE	
			J027	PJ-SMA-20	7/13/2010	Yes	NONE	
7/7/2010	RG265	0.29	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/9/2010	RG055.5	0.43	B002	B-SMA-1	7/15/2010	Yes	NONE	
			L006	LA-SMA-2.1	7/16/2010	Yes	MAINT	Site undergoing Consent Order remediation.
			L007	LA-SMA-2.3	7/16/2010	Yes	NONE	
			L008	LA-SMA-3.1	7/16/2010	Yes	NONE	
			L009	LA-SMA-3.9	7/16/2010	Yes	NONE	
			L010	LA-SMA-4.1	7/16/2010	Yes	MAINT	BMP modification needed.
			L011	LA-SMA-4.2	7/16/2010	Yes	NONE	
			L012	LA-SMA-5.01	7/16/2010	Yes	NONE	
			L012A	LA-SMA-5.02	7/16/2010	Yes	NONE	
			L013	LA-SMA-5.2	7/20/2010	Yes	NONE	
			L014	LA-SMA-5.35	7/20/2010	Yes	NONE	
			P001	ACID-SMA-1.05	7/21/2010	Yes	NONE	
			P002	ACID-SMA-2	7/21/2010	Yes	MAINT	Housekeeping – picked up trash.
			P002A	ACID-SMA-2.01	7/21/2010	Yes	NONE	
			P003	ACID-SMA-2.1	7/21/2010	Yes	MAINT	Housekeeping – picked up trash.
			P009	P-SMA-3.05	7/15/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/9/2010	RG240	0.31	J001	PJ-SMA-1.05	7/28/2010	No[4]	MAINT	BMP damaged.
			J028	STRM-SMA-1.05	7/28/2010	No[4]	NONE	
			J029	STRM-SMA-1.5	7/28/2010	No[4]	NONE	
			J030	STRM-SMA-4.2	7/28/2010	No[4]	NONE	
			J031	STRM-SMA-5.05	7/28/2010	No[4]	NONE	
7/9/2010	RG257	0.31	J003	PJ-SMA-3.05	7/29/2010	No[4]	NONE	
			J004	PJ-SMA-4.05	7/29/2010	No[4]	NONE	
			V007	CDV-SMA-2.3	7/29/2010	No[4]	MAINT	BMP replacement requested.
			V008	CDV-SMA-2.41	7/28/2010	No[4]	MAINT	BMP needs repair.
			V008A	CDV-SMA-2.42	7/28/2010	No[4]	NONE	
			V009	CDV-SMA-2.5	7/28/2010	No[4]	NONE	
			V009A	CDV-SMA-2.51	8/2/2010	No[4]	NONE	
			V010	CDV-SMA-3	7/29/2010	No[4]	NONE	
			V011	CDV-SMA-4	7/29/2010	No[4]	NONE	
			V012	CDV-SMA-6.01	7/29/2010	No[4]	NONE	
			V012A	CDV-SMA-6.02	7/29/2010	No[4]	NONE	
			W006	W-SMA-5	7/28/2010	No[4]	MAINT	BMP needs repair.
			W014	W-SMA-9.5	7/30/2010	No[4]	NONE	
			W015	W-SMA-9.7	7/30/2010	No[4]	NONE	
			W016	W-SMA-9.8	7/30/2010	No[4]	NONE	
			W017	W-SMA-9.9	7/30/2010	No[4]	MAINT	BMP needs repair.
			W018	W-SMA-10	7/30/2010	No[4]	MAINT	BMP needs repair.
7/9/2010	RG262.4	0.33	H002	3M-SMA-0.4	7/28/2010	No[4]	NONE	
			H003	3M-SMA-0.5	7/29/2010	No[4]	MAINT	Housekeeping – pick up trash.
			I001	PT-SMA-0.5	7/30/2010	No[4]	NONE	
			I002	PT-SMA-1	7/30/2010	No[4]	NONE	
			I003	PT-SMA-1.7	8/3/2010	No[4]	MAINT	Housekeeping – pick up trash.

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/9/2010	RG262.4	0.33	I004	PT-SMA-2	7/29/2010	No[4]	NONE	
			I004A	PT-SMA-2.01	7/29/2010	No[4]	NONE	
			V016	CDV-SMA-9.05	7/29/2010	No[4]	NONE	
			W019	W-SMA-11.7	7/14/2010	Yes	NONE	
			W020	W-SMA-12.05	7/14/2010	Yes	NONE	
			W022	W-SMA-15.1	7/14/2010	Yes	NONE	
7/9/2010	RG267.4	0.26	F001	F-SMA-2	7/28/2010	No[4]	NONE	
			I005	PT-SMA-3	7/28/2010	No[4]	NONE	
			I007	PT-SMA-4.2	7/28/2010	No[4]	NONE	
7/9/2010	RG-NCOM	0.35	R001	R-SMA-0.5	7/15/2010	Yes	NONE	
			R002	R-SMA-1	7/15/2010	Yes	NONE	
			R004	R-SMA-2.05	7/15/2010	Yes	NONE	
7/22/2010	RG055.5	0.88	B002	B-SMA-1	7/29/2010	Yes	NONE	
			L006	LA-SMA-2.1	7/30/2010	Yes	MAINT	Site undergoing Consent Order remediation.
			L007	LA-SMA-2.3	7/30/2010	Yes	NONE	
			L008	LA-SMA-3.1	7/30/2010	Yes	NONE	
			L009	LA-SMA-3.9	7/30/2010	Yes	NONE	
			L010	LA-SMA-4.1	7/30/2010	Yes	NONE	
			L011	LA-SMA-4.2	7/30/2010	Yes	NONE	
			L012	LA-SMA-5.01	7/30/2010	Yes	MAINT	BMP needs repair.
			L012A	LA-SMA-5.02	7/30/2010	Yes	NONE	
			L013	LA-SMA-5.2	8/2/2010	Yes	NONE	
			L014	LA-SMA-5.35	8/2/2010	Yes	NONE	
			P001	ACID-SMA-1.05	8/4/2010	Yes	NONE	
			P002	ACID-SMA-2	8/4/2010	Yes	MAINT	BMP needs repair.
			P002A	ACID-SMA-2.01	8/4/2010	Yes	MAINT	Housekeeping – pick up trash.

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/22/2010	RG055.5	0.88	P003	ACID-SMA-2.1	8/4/2010	Yes	MAINT	BMP modification needed.
			P009	P-SMA-3.05	7/29/2010	Yes	MAINT	BMP needs repair. BMP still functioning.
7/22/2010	RG121.9	0.99	E001	2M-SMA-1	7/27/2010	Yes	NONE	
			E011	2M-SMA-1.9	7/27/2010	Yes	NONE	
			E012	2M-SMA-2	7/27/2010	Yes	NONE	
			E013	2M-SMA-2.2	7/28/2010	Yes	NONE	
			L001	LA-SMA-0.85	8/2/2010	Yes	NONE	
			L002	LA-SMA-0.9	8/2/2010	Yes	NONE	
			L003	LA-SMA-1	8/2/2010	Yes	NONE	
			L004	LA-SMA-1.1	8/2/2010	Yes	NONE	
			L005	LA-SMA-1.25	8/2/2010	Yes	NONE	
			M001	M-SMA-1	7/28/2010	Yes	NONE	
			M002	M-SMA-1.2	7/28/2010	Yes	NONE	
			M002A	M-SMA-1.21	7/28/2010	Yes	MAINT	BMP needs modification.
			M002B	M-SMA-1.22	7/28/2010	Yes	NONE	
			S001	S-SMA-0.25	7/29/2010	Yes	MAINT	BMP needs replacement.
			S002	S-SMA-1.1	7/29/2010	Yes	NONE	
			S003	S-SMA-2	7/29/2010	Yes	NONE	
			S003A	S-SMA-2.01	7/29/2010	Yes	NONE	
			S004	S-SMA-2.8	7/29/2010	Yes	MAINT	BMP needs repair.
			S005	S-SMA-3.51	7/29/2010	Yes	NONE	
			S005A	S-SMA-3.52	7/29/2010	Yes	NONE	
			S005B	S-SMA-3.53	7/29/2010	Yes	NONE	
			S006	S-SMA-3.6	7/29/2010	Yes	MAINT	BMP needs replacement.
7/22/2010	RG240	0.27	J001	PJ-SMA-1.05	7/28/2010	Yes	MAINT	BMP needs repair.
			J028	STRM-SMA-1.05	7/28/2010	Yes	NONE	
			J029	STRM-SMA-1.5	7/28/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/22/2010	RG240	0.27	J030	STRM-SMA-4.2	7/28/2010	Yes	NONE	
			J031	STRM-SMA-5.05	7/28/2010	Yes	NONE	
7/22/2010	RG253	1.42	J002	PJ-SMA-2	7/29/2010	Yes	NONE	
			V001	CDV-SMA-1.2	7/28/2010	Yes	NONE	
			V002	CDV-SMA-1.3	7/28/2010	Yes	NONE	
			V003	CDV-SMA-1.4	7/29/2010	Yes	MAINT	Erosion at site. Back-up BMPs in place.
			V004	CDV-SMA-1.45	7/29/2010	Yes	NONE	
			V005	CDV-SMA-1.7	7/30/2010	Yes	NONE	
			W001	W-SMA-1	7/28/2010	Yes	NONE	
			W002	W-SMA-1.5	7/28/2010	Yes	NONE	
			W003	W-SMA-2.05	7/28/2010	Yes	NONE	
7/22/2010	RG257	0.57	J003	PJ-SMA-3.05	7/29/2010	Yes	NONE	
			J004	PJ-SMA-4.05	7/29/2010	Yes	NONE	
			V006	CDV-SMA-2	7/30/2010	Yes	MAINT	BMP repaired.
			V007	CDV-SMA-2.3	7/29/2010	Yes	MAINT	BMP needs repair.
			V008	CDV-SMA-2.41	7/28/2010	Yes	MAINT	BMP needs repair.
			V008A	CDV-SMA-2.42	7/28/2010	Yes	NONE	
			V009	CDV-SMA-2.5	7/28/2010	Yes	MAINT	BMP needs replacement.
			V009A	CDV-SMA-2.51	7/28/2010	Yes	NONE	
			V010	CDV-SMA-3	7/29/2010	Yes	NONE	
			V011	CDV-SMA-4	7/29/2010	Yes	NONE	
			V012	CDV-SMA-6.01	7/29/2010	Yes	NONE	
			V012A	CDV-SMA-6.02	7/29/2010	Yes	NONE	
			V013	CDV-SMA-7	7/28/2010	Yes	NONE	
			W004	W-SMA-3.5	7/27/2010	Yes	NONE	
			W005	W-SMA-4.1	7/27/2010	Yes	NONE	
			W006	W-SMA-5	7/28/2010	Yes	MAINT	BMP needs replacement.

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/22/2010	RG257	0.57	W007	W-SMA-6	7/27/2010	Yes	NONE	
			W008	W-SMA-7	7/27/2010	Yes	NONE	
			W009	W-SMA-7.8	7/27/2010	Yes	NONE	
			W010	W-SMA-7.9	7/27/2010	Yes	NONE	
			W011	W-SMA-8	7/27/2010	Yes	MAINT	BMP needs repair.
			W012	W-SMA-8.7	7/27/2010	Yes	NONE	
			W012A	W-SMA-8.71	7/27/2010	Yes	NONE	
			W013	W-SMA-9.05	7/27/2010	Yes	NONE	
			W014	W-SMA-9.5	7/30/2010	Yes	NONE	
			W015	W-SMA-9.7	7/30/2010	Yes	NONE	
			W016	W-SMA-9.8	7/30/2010	Yes	NONE	
			W017	W-SMA-9.9	7/30/2010	Yes	MAINT	BMP needs repair.
			W018	W-SMA-10	7/30/2010	Yes	MAINT	BMP needs repair.
7/22/2010	RG340	0.45	A007	A-SMA-3.5	8/2/2010	Yes	NONE	
			A008	A-SMA-4	8/2/2010	Yes	NONE	
			A009	A-SMA-6	8/2/2010	Yes	NONE	
			Q001	CHQ-SMA-0.5	8/2/2010	Yes	NONE	
			Q002	CHQ-SMA-1.01	8/2/2010	Yes	NONE	
			Q002A	CHQ-SMA-1.02	8/2/2010	Yes	NONE	
			Q002B	CHQ-SMA-1.03	8/2/2010	Yes	MAINT	Erosion on site.
			Q003	CHQ-SMA-2	8/2/2010	Yes	NONE	
			Q004	CHQ-SMA-3.05	8/2/2010	Yes	NONE	
			Q005	CHQ-SMA-4	8/2/2010	Yes	NONE	
			Q006	CHQ-SMA-4.1	8/2/2010	Yes	NONE	
			Q007	CHQ-SMA-4.5	8/2/2010	Yes	NONE	
			Q008	CHQ-SMA-5.05	8/2/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/22/2010	RG340	0.45	Q009	CHQ-SMA-6	8/2/2010	Yes	MAINT	BMP needs repair.
			Q010	CHQ-SMA-7.1	8/2/2010	Yes	NONE	
7/22/2010	RG-NCOM	0.61	R001	R-SMA-0.5	7/29/2010	Yes	NONE	
			R002	R-SMA-1	7/29/2010	Yes	MAINT	Erosion on site.
			R004	R-SMA-2.05	7/29/2010	Yes	NONE	
7/22/2010	RG-TA-06	0.69	E002	2M-SMA-1.42	7/28/2010	Yes	NONE	
			E003	2M-SMA-1.43	7/28/2010	Yes	NONE	
			E004	2M-SMA-1.44	7/28/2010	Yes	NONE	
			E005	2M-SMA-1.45	7/28/2010	Yes	NONE	
			E006	2M-SMA-1.5	7/28/2010	Yes	NONE	
			E007	2M-SMA-1.65	7/30/2010	Yes	NONE	
			E008	2M-SMA-1.67	7/28/2010	Yes	NONE	
			E009	2M-SMA-1.7	7/27/2010	Yes	NONE	
			E010	2M-SMA-1.8	7/27/2010	Yes	NONE	
			E014	2M-SMA-3	8/10/2010	No[4]	NONE	
			E015	2M-SMA-2.5	7/30/2010	Yes	NONE	
			H001	3M-SMA-0.2	7/28/2010	Yes	NONE	
			J005	PJ-SMA-5	7/28/2010	Yes	NONE	
			J006	PJ-SMA-5.1	7/28/2010	Yes	NONE	
			J007	PJ-SMA-6	7/30/2010	Yes	NONE	
			J008	PJ-SMA-7	7/30/2010	Yes	NONE	
			J009	PJ-SMA-8	7/30/2010	Yes	NONE	
			J010	PJ-SMA-9	7/30/2010	Yes	MAINT	BMP needs repair.
			J012	PJ-SMA-10	7/30/2010	Yes	NONE	
			J013	PJ-SMA-11	8/10/2010	No[4]	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
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4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/22/2010	RG-TA-06	0.69	J014	PJ-SMA-11.1	8/10/2010	No[4]	NONE	
			M003	M-SMA-3	7/28/2010	Yes	MAINT	BMP needs repair.
			M004	M-SMA-3.1	7/28/2010	Yes	NONE	
7/23/2010	RG265	0.25	A003	A-SMA-2.5	8/2/2010	Yes	NONE	
			A004	A-SMA-2.7	8/2/2010	Yes	NONE	
			A005	A-SMA-2.8	8/2/2010	Yes	NONE	
			A006	A-SMA-3	8/2/2010	Yes	MAINT	Housekeeping – pick up trash.
7/24/2010	RG055.5	0.31	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/24/2010	RG121.9	0.25	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/24/2010	RG257	0.41	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/24/2010	RG262.4	0.29	H002	3M-SMA-0.4	7/28/2010	Yes	NONE	
			H003	3M-SMA-0.5	7/29/2010	Yes	MAINT	Housekeeping – pick up trash.
			I001	PT-SMA-0.5	7/30/2010	Yes	NONE	
			I002	PT-SMA-1	7/30/2010	Yes	NONE	
			I003	PT-SMA-1.7	8/3/2010	Yes	MAINT	Housekeeping – pick up trash.
			I004	PT-SMA-2	7/29/2010	Yes	NONE	
			I004A	PT-SMA-2.01	7/29/2010	Yes	NONE	
			V014	CDV-SMA-8	7/28/2010	Yes	NONE	
			V015	CDV-SMA-8.5	7/28/2010	Yes	NONE	
			V016	CDV-SMA-9.05	7/29/2010	Yes	NONE	
			W019	W-SMA-11.7	8/3/2010	Yes	NONE	
			W020	W-SMA-12.05	8/3/2010	Yes	NONE	
			W021	W-SMA-14.1	7/29/2010	Yes	NONE	
			W022	W-SMA-15.1	8/3/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/24/2010	RG267.4	0.34	A001	A-SMA-1.1	8/2/2010	Yes	NONE	
			A002	A-SMA-2	8/2/2010	Yes	MAINT	Slope failure above site.
			F001	F-SMA-2	7/28/2010	Yes	NONE	
			I005	PT-SMA-3	7/28/2010	Yes	NONE	
			I007	PT-SMA-4.2	7/28/2010	Yes	NONE	
7/24/2010	RG340	0.40	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/24/2010	RG-TA-06	0.26	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/25/2010	RG055.5	0.48	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/25/2010	RG121.9	0.59	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/25/2010	RG240	0.35	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/25/2010	RG253	0.32	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/25/2010	RG257	0.29	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/25/2010	RG340	0.28	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/25/2010	RG-NCOM	0.27	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/25/2010	RG-TA-06	0.29	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/30/2010	RG038	0.35	D001	DP-SMA-0.3	8/11/2010	Yes	NONE	
			D002	DP-SMA-0.4	8/11/2010	Yes	NONE	
			D003	DP-SMA-0.6	8/11/2010	Yes	MAINT	BMP needs replacement.
			D004	DP-SMA-1	8/11/2010	Yes	NONE	
			D005	DP-SMA-2	8/11/2010	Yes	NONE	
			D006	DP-SMA-2.35	8/11/2010	Yes	NONE	
			D007	DP-SMA-3	8/11/2010	Yes	NONE	
			L015	LA-SMA-5.31	8/12/2010	Yes	NONE	
			L016	LA-SMA-5.33	8/1/2010	Yes	MAINT	BMP needs repair.
			L017	LA-SMA-5.361	8/12/2010	Yes	MAINT	BMP needs repair.
			L017A	LA-SMA-5.362	8/12/2010	Yes	MAINT	BMP needs repair.
			L018	LA-SMA-5.51	8/12/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/30/2010	RG038	0.35	L018A	LA-SMA-5.52	8/12/2010	Yes	NONE	
			L018B	LA-SMA-5.53	8/12/2010	Yes	NONE	
			L018C	LA-SMA-5.54	8/12/2010	Yes	NONE	
			L019	LA-SMA-5.91	8/13/2010	Yes	NONE	
			L019A	LA-SMA-5.92	8/13/2010	Yes	NONE	
			L020	LA-SMA-6.25	8/11/2010	Yes	NONE	
			L021	LA-SMA-6.27	8/11/2010	Yes	NONE	
			L022	LA-SMA-6.3	8/11/2010	Yes	NONE	
			L022A	LA-SMA-6.31	8/11/2010	Yes	NONE	
			L023	LA-SMA-6.32	8/11/2010	Yes	NONE	
			L024	LA-SMA-6.34	8/11/2010	Yes	NONE	
			L025	LA-SMA-6.36	8/11/2010	Yes	NONE	
			L026	LA-SMA-6.38	8/11/2010	Yes	NONE	
			L027	LA-SMA-6.395	8/11/2010	Yes	NONE	
			L028	LA-SMA-6.5	8/11/2010	Yes	NONE	
			P005	P-SMA-1	8/12/2010	Yes	MAINT	BMP needs repair.
			P006	P-SMA-2	8/12/2010	Yes	NONE	
			P007	P-SMA-2.15	8/12/2010	Yes	NONE	
			P008	P-SMA-2.2	8/12/2010	Yes	NONE	
			R003	R-SMA-1.95	8/11/2010	Yes	NONE	
			R005	R-SMA-2.3	8/10/2010	Yes	NONE	
			R006	R-SMA-2.5	8/11/2010	Yes	NONE	
7/30/2010	RG055.5	0.31	B002	B-SMA-1	8/10/2010	Yes	NONE	
			L006	LA-SMA-2.1	8/13/2010	Yes	MAINT	BMP needs replacement. Site undergoing Consent Order remediation.
			L007	LA-SMA-2.3	8/13/2010	Yes	NONE	
			L008	LA-SMA-3.1	8/13/2010	Yes	NONE	
			L009	LA-SMA-3.9	8/13/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/30/2010	RG055.5	0.31	L010	LA-SMA-4.1	8/13/2010	Yes	MAINT	Erosion on site.
			L011	LA-SMA-4.2	8/13/2010	Yes	NONE	
			L012	LA-SMA-5.01	8/13/2010	Yes	MAINT	BMP needs repair. BMP is still effective.
			L012A	LA-SMA-5.02	8/13/2010	Yes	NONE	
			P009	P-SMA-3.05	8/10/2010	Yes	MAINT	BMP needs repair.
7/30/2010	RG200.5	0.27	C001	CDB-SMA-0.15	8/12/2010	Yes	NONE	
			M005	M-SMA-3.5	8/10/2010	Yes	NONE	
			M006	M-SMA-4	8/10/2010	Yes	NONE	
			M007	M-SMA-5	8/9/2010	Yes	MAINT	BMP removed due to construction activity.
			M008	M-SMA-6	8/9/2010	Yes	MAINT	BMP needs replacement.
			M009	M-SMA-7	8/10/2010	Yes	NONE	
			M010	M-SMA-7.9	8/10/2010	Yes	NONE	
			M011	M-SMA-9.1	8/10/2010	Yes	NONE	
			M012	M-SMA-10	8/10/2010	Yes	NONE	
			M012A	M-SMA-10.01	8/10/2010	Yes	NONE	
			M013	M-SMA-10.3	8/10/2010	Yes	NONE	
			M014	M-SMA-11.1	8/10/2010	Yes	NONE	
			M015	M-SMA-12	8/10/2010	Yes	NONE	
			T001	PRATT-SMA-1.05	8/12/2010	Yes	NONE	
			T002	T-SMA-1	8/6/2010	Yes	NONE	
			T003	T-SMA-2.5	8/6/2010	Yes	NONE	
			T004	T-SMA-2.85	8/6/2010	Yes	NONE	
			T005	T-SMA-3	8/6/2010	Yes	NONE	
			T006	T-SMA-4	8/6/2010	Yes	NONE	
			T007	T-SMA-5	8/6/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/30/2010	RG200.5	0.27	T008	T-SMA-6.8	8/12/2010	Yes	NONE	
			T009	T-SMA-7	8/12/2010	Yes	NONE	
			T010	T-SMA-7.1	8/12/2010	Yes	NONE	
7/30/2010	RG265	0.47	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/30/2010	RG267.4	0.25	A001	A-SMA-1.1	*Storm rain event within 15 days of previous event; additional inspection not required.*			
			F001	F-SMA-2	8/9/2010	Yes	NONE	
			I005	PT-SMA-3	8/9/2010	Yes	NONE	
			I007	PT-SMA-4.2	8/9/2010	Yes	NONE	
7/30/2010	RG340	0.35	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
7/30/2010	RG-NCOM	0.27	R001	R-SMA-0.5	8/10/2010	Yes	NONE	
			R002	R-SMA-1	8/11/2010	Yes	MAINT	Erosion on site.
			R004	R-SMA-2.05	8/10/2010	Yes	NONE	
7/30/2010	RG-TA-53	0.44	B001	B-SMA-0.5	8/12/2010	Yes	NONE	
			D008	DP-SMA-4	8/11/2010	Yes	NONE	
			L029	LA-SMA-9	8/12/2010	Yes	NONE	
			L030	LA-SMA-10.11	8/12/2010	Yes	NONE	
			L030A	LA-SMA-10.12	8/12/2010	Yes	NONE	
			P004	P-SMA-0.3	8/12/2010	Yes	NONE	
			S011	S-SMA-4.1	8/9/2010	Yes	NONE	
			S013	S-SMA-5	8/9/2010	Yes	NONE	
			S014	S-SMA-5.2	8/9/2010	Yes	NONE	
			S015	S-SMA-5.5	8/9/2010	Yes	NONE	
			S016	S-SMA-6	8/9/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
7/30/2010	RG-TA-54	0.32	C010	CDB-SMA-4	8/12/2010	Yes	NONE	
			J023	PJ-SMA-16	8/9/2010	Yes	NONE	
			J024	PJ-SMA-17	8/12/2010	Yes	NONE	
			J025	PJ-SMA-19	8/12/2010	Yes	NONE	
			J026	PJ-SMA-18	8/12/2010	Yes	NONE	
			J027	PJ-SMA-20	8/12/2010	Yes	NONE	
8/4/2010	RG121.9	0.35	E001	2M-SMA-1	8/17/2010	Yes	NONE	
			E011	2M-SMA-1.9	8/17/2010	Yes	NONE	
			E012	2M-SMA-2	8/17/2010	Yes	MAINT	Housekeeping – pick up trash.
			E013	2M-SMA-2.2	8/17/2010	Yes	NONE	
			L001	LA-SMA-0.85	8/16/2010	Yes	NONE	
			L002	LA-SMA-0.9	8/16/2010	Yes	MAINT	BMP needs replacement.
			L003	LA-SMA-1	8/10/2010	Yes	NONE	
			L004	LA-SMA-1.1	8/10/2010	Yes	MAINT	BMP needs repair.
			L005	LA-SMA-1.25	8/10/2010	Yes	NONE	
			M001	M-SMA-1	8/17/2010	Yes	NONE	
			M002	M-SMA-1.2	8/17/2010	Yes	NONE	
			M002A	M-SMA-1.21	8/17/2010	Yes	NONE	
			M002B	M-SMA-1.22	8/17/2010	Yes	NONE	
			S001	S-SMA-0.25	8/17/2010	Yes	NONE	
			S002	S-SMA-1.1	8/17/2010	Yes	NONE	
			S003	S-SMA-2	8/17/2010	Yes	NONE	
			S003A	S-SMA-2.01	8/17/2010	Yes	NONE	
			S004	S-SMA-2.8	8/17/2010	Yes	NONE	
			S005	S-SMA-3.51	8/17/2010	Yes	NONE	
			S005A	S-SMA-3.52	8/17/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/4/2010	RG121.9	0.35	S005B	S-SMA-3.53	8/17/2010	Yes	NONE	
			S006	S-SMA-3.6	8/17/2010	Yes	NONE	
8/5/2010	RG038	0.31	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/5/2010	RG055.5	0.89	L013	LA-SMA-5.2	8/16/2010	Yes	NONE	
			L014	LA-SMA-5.35	8/16/2010	Yes	NONE	
			P001	ACID-SMA-1.05	8/16/2010	Yes	NONE	
			P002	ACID-SMA-2	8/16/2010	Yes	NONE	
			P002A	ACID-SMA-2.01	8/16/2010	Yes	NONE	
			P003	ACID-SMA-2.1	8/16/2010	Yes	NONE	
8/5/2010	RG121.9	0.60	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/5/2010	RG200.5	0.39	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/5/2010	RG203	0.24	M016	M-SMA-12.5	8/19/2010	Yes	NONE	
			M017	M-SMA-12.6	8/19/2010	Yes	NONE	
			M018	M-SMA-12.7	8/19/2010	Yes	NONE	
			M019	M-SMA-12.8	8/19/2010	Yes	NONE	
			M020	M-SMA-12.9	8/19/2010	Yes	NONE	
			M021	M-SMA-12.92	8/19/2010	Yes	NONE	
			M022	M-SMA-13	8/19/2010	Yes	NONE	
			S007	S-SMA-3.7	8/17/2010	Yes	NONE	
			S008	S-SMA-3.71	8/17/2010	Yes	NONE	
			S009	S-SMA-3.72	8/17/2010	Yes	MAINT	BMP needs repair.
			S010	S-SMA-3.95	8/17/2010	Yes	NONE	
			S012	S-SMA-4.5	8/17/2010	Yes	NONE	
8/5/2010	RG240	1.04	J001	PJ-SMA-1.05	8/10/2010	Yes	NONE	
			J028	STRM-SMA-1.05	8/10/2010	Yes	NONE	
			J029	STRM-SMA-1.5	8/10/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/5/2010	RG240	1.04	J030	STRM-SMA-4.2	8/10/2010	Yes	NONE	
			J031	STRM-SMA-5.05	8/10/2010	Yes	NONE	
8/5/2010	RG245.5	0.34	C002	CDB-SMA-0.25	8/19/2010	Yes	NONE	
			C003	CDB-SMA-0.55	8/19/2010	Yes	NONE	
			C004	CDB-SMA-1	8/19/2010	Yes	NONE	
			C005	CDB-SMA-1.15	8/19/2010	Yes	NONE	
			C006	CDB-SMA-1.35	8/19/2010	Yes	NONE	
			C007	CDB-SMA-1.54	8/19/2010	Yes	NONE	
			C008	CDB-SMA-1.55	8/19/2010	Yes	MAINT	BMP needs replacement.
			C009	CDB-SMA-1.65	8/19/2010	Yes	NONE	
			H004	3M-SMA-0.6	8/19/2010	Yes	NONE	
			H005	3M-SMA-2.6	8/13/2010	Yes	NONE	
			H006	3M-SMA-4	8/13/2010	Yes	NONE	
			J015	PJ-SMA-13	8/13/2010	Yes	NONE	
			J016	PJ-SMA-13.7	8/13/2010	Yes	NONE	
			J017	PJ-SMA-14	8/12/2010	Yes	NONE	
			J018	PJ-SMA-14.2	8/13/2010	Yes	NONE	
			J019	PJ-SMA-14.3	8/13/2010	Yes	NONE	
			J020	PJ-SMA-14.4	8/13/2010	Yes	NONE	
			J021	PJ-SMA-14.6	8/13/2010	Yes	NONE	
			J022	PJ-SMA-14.8	8/13/2010	Yes	NONE	
8/5/2010	RG253	1.6	J002	PJ-SMA-2	8/16/2010	Yes	NONE	
			V001	CDV-SMA-1.2	8/12/2010	Yes	NONE	
			V002	CDV-SMA-1.3	8/12/2010	Yes	NONE	
			V003	CDV-SMA-1.4	8/12/2010	Yes	MAINT	Area reseeded and mulched.
			V004	CDV-SMA-1.45	8/12/2010	Yes	NONE	
			V005	CDV-SMA-1.7	8/13/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/5/2010	RG253	1.6	W001	W-SMA-1	8/18/2010	Yes	NONE	
			W002	W-SMA-1.5	8/18/2010	Yes	MAINT	BMP needs modification.
			W003	W-SMA-2.05	8/18/2010	Yes	NONE	
8/5/2010	RG257	0.47	J003	PJ-SMA-3.05	8/16/2010	Yes	NONE	
			J004	PJ-SMA-4.05	8/16/2010	Yes	NONE	
			V006	CDV-SMA-2	8/13/2010	Yes	NONE	
			V007	CDV-SMA-2.3	8/12/2010	Yes	MAINT	BMP replaced.
			V008	CDV-SMA-2.41	8/12/2010	Yes	NONE	
			V008A	CDV-SMA-2.42	8/12/2010	Yes	MAINT	BMP needs repair.
			V009	CDV-SMA-2.5	8/12/2010	Yes	NONE	
			V009A	CDV-SMA-2.51	8/12/2010	Yes	NONE	
			V010	CDV-SMA-3	8/17/2010	Yes	NONE	
			V011	CDV-SMA-4	8/17/2010	Yes	NONE	
			V012	CDV-SMA-6.01	8/17/2010	Yes	NONE	
			V012A	CDV-SMA-6.02	8/17/2010	Yes	NONE	
			V013	CDV-SMA-7	8/12/2010	Yes	NONE	
			W004	W-SMA-3.5	8/18/2010	Yes	NONE	
			W005	W-SMA-4.1	8/18/2010	Yes	NONE	
			W006	W-SMA-5	8/18/2010	Yes	NONE	
			W007	W-SMA-6	8/18/2010	Yes	NONE	
			W008	W-SMA-7	8/18/2010	Yes	NONE	
			W009	W-SMA-7.8	8/18/2010	Yes	NONE	
			W010	W-SMA-7.9	8/18/2010	Yes	NONE	
			W011	W-SMA-8	8/18/2010	Yes	NONE	
			W012	W-SMA-8.7	8/18/2010	Yes	NONE	
			W012A	W-SMA-8.71	8/18/2010	Yes	NONE	
			W013	W-SMA-9.05	8/18/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/5/2010	RG257	0.47	W014	W-SMA-9.5	8/19/2010	Yes	NONE	
			W015	W-SMA-9.7	8/19/2010	Yes	NONE	
			W016	W-SMA-9.8	8/19/2010	Yes	NONE	
			W017	W-SMA-9.9	8/19/2010	Yes	NONE	
			W018	W-SMA-10	8/19/2010	Yes	NONE	
8/5/2010	RG262.4	0.66	H002	3M-SMA-0.4	8/19/2010	Yes	NONE	
			H003	3M-SMA-0.5	8/19/2010	Yes	NONE	
			I001	PT-SMA-0.5	8/19/2010	Yes	NONE	
			I002	PT-SMA-1	8/19/2010	Yes	NONE	
			I003	PT-SMA-1.7	8/19/2010	Yes	NONE	
			I004	PT-SMA-2	8/19/2010	Yes	NONE	
			I004A	PT-SMA-2.01	8/19/2010	Yes	NONE	
			V014	CDV-SMA-8	8/12/2010	Yes	NONE	
			V015	CDV-SMA-8.5	8/17/2010	Yes	NONE	
			V016	CDV-SMA-9.05	8/17/2010	Yes	NONE	
			W019	W-SMA-11.7	8/19/2010	Yes	NONE	
			W020	W-SMA-12.05	8/19/2010	Yes	NONE	
			W021	W-SMA-14.1	8/17/2010	Yes	NONE	
			W022	W-SMA-15.1	8/19/2010	Yes	NONE	
8/5/2010	RG265	0.47	A003	A-SMA-2.5	8/16/2010	Yes	NONE	
			A004	A-SMA-2.7	8/16/2010	Yes	NONE	
			A005	A-SMA-2.8	8/16/2010	Yes	NONE	
			A006	A-SMA-3	8/16/2010	Yes	NONE	
8/5/2010	RG267.4	0.5	A001	A-SMA-1.1	8/16/2010	Yes	NONE	
			A002	A-SMA-2	8/16/2010	Yes	NONE	
8/5/2010	RG340	0.27	A007	A-SMA-3.5	8/16/2010	Yes	NONE	
			A008	A-SMA-4	8/16/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/5/2010	RG340	0.27	A009	A-SMA-6	8/16/2010	Yes	NONE	
			Q001	CHQ-SMA-0.5	8/17/2010	Yes	NONE	
			Q002	CHQ-SMA-1.01	8/17/2010	Yes	NONE	
			Q002A	CHQ-SMA-1.02	8/17/2010	Yes	MAINT	Erosion on site. BMP installed.
			Q002B	CHQ-SMA-1.03	8/17/2010	Yes	NONE	
			Q003	CHQ-SMA-2	8/17/2010	Yes	NONE	
			Q004	CHQ-SMA-3.05	8/17/2010	Yes	NONE	
			Q005	CHQ-SMA-4	8/17/2010	Yes	NONE	
			Q006	CHQ-SMA-4.1	8/17/2010	Yes	NONE	
			Q007	CHQ-SMA-4.5	8/17/2010	Yes	NONE	
			Q008	CHQ-SMA-5.05	8/17/2010	Yes	NONE	
			Q009	CHQ-SMA-6	8/17/2010	Yes	NONE	
			Q010	CHQ-SMA-7.1	8/17/2010	Yes	NONE	
8/5/2010	RG-NCOM	0.85	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/5/2010	RG-TA-06	0.68	E002	2M-SMA-1.42	8/16/2010	Yes	NONE	
			E003	2M-SMA-1.43	8/16/2010	Yes	NONE	
			E004	2M-SMA-1.44	8/16/2010	Yes	NONE	
			E005	2M-SMA-1.45	8/16/2010	Yes	NONE	
			E006	2M-SMA-1.5	8/16/2010	Yes	NONE	
			E007	2M-SMA-1.65	8/12/2010	Yes	NONE	
			E008	2M-SMA-1.67	8/16/2010	Yes	NONE	
			E009	2M-SMA-1.7	8/17/2010	Yes	NONE	
			E010	2M-SMA-1.8	8/17/2010	Yes	NONE	
			E014	2M-SMA-3	8/10/2010	Yes	NONE	
			E015	2M-SMA-2.5	8/12/2010	Yes	NONE	
			H001	3M-SMA-0.2	8/12/2010	Yes	NONE	
			J005	PJ-SMA-5	8/12/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/5/2010	RG-TA-06	0.68	J006	PJ-SMA-5.1	8/12/2010	Yes	NONE	
			J007	PJ-SMA-6	8/12/2010	Yes	NONE	
			J008	PJ-SMA-7	8/12/2010	Yes	NONE	
			J009	PJ-SMA-8	8/12/2010	Yes	NONE	
			J010	PJ-SMA-9	8/12/2010	Yes	NONE	
			J012	PJ-SMA-10	8/10/2010	Yes	NONE	
			J013	PJ-SMA-11	8/10/2010	Yes	NONE	
			J014	PJ-SMA-11.1	8/10/2010	Yes	NONE	
			M003	M-SMA-3	8/19/2010	Yes	NONE	
			M004	M-SMA-3.1	8/19/2010	Yes	NONE	
8/6/2010	RG253	0.81	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/9/2010	RG038	0.25	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/9/2010	RG200.5	0.53	M007	M-SMA-5	8/23/2010	Yes	MAINT	BMP removed due to construction activities. Back-up BMPs installed by construction crew.
			M010	M-SMA-7.9	*Storm rain event within 15 days of previous event; additional inspection not required.*			
			T002	T-SMA-1	8/23/2010	Yes	NONE	
			T003	T-SMA-2.5	8/23/2010	Yes	NONE	
			T004	T-SMA-2.85	8/23/2010	Yes	NONE	
			T005	T-SMA-3	8/23/2010	Yes	NONE	
			T006	T-SMA-4	8/23/2010	Yes	NONE	
			T007	T-SMA-5	8/23/2010	Yes	NONE	
			T010	T-SMA-7.1	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/9/2010	RG203	0.38	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/9/2010	RG245.5	0.37	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/9/2010	RG253	1.05	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/9/2010	RG257	0.28	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/9/2010	RG262.4	0.25	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/9/2010	RG-TA-06	0.53	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/12/2010	RG-NCOM	0.32	R001	R-SMA-0.5	8/24/2010	Yes	NONE	
			R002	R-SMA-1	8/18/2010	Yes	NONE	
			R004	R-SMA-2.05	8/24/2010	Yes	NONE	
8/15/2010	RG038	0.7	D001	DP-SMA-0.3	8/27/2010	Yes	NONE	
			D002	DP-SMA-0.4	8/27/2010	Yes	NONE	
			D003	DP-SMA-0.6	8/27/2010	Yes	MAINT	BMP replacement requested.
			D004	DP-SMA-1	8/27/2010	Yes	NONE	
			D005	DP-SMA-2	8/27/2010	Yes	NONE	
			D006	DP-SMA-2.35	8/27/2010	Yes	NONE	
			D007	DP-SMA-3	8/27/2010	Yes	NONE	
			L015	LA-SMA-5.31	8/23/2010	Yes	NONE	
			L016	LA-SMA-5.33	8/16/2010	Yes	MAINT	Housekeeping – pick up trash.
			L017	LA-SMA-5.361	8/26/2010	Yes	MAINT	BMP repaired.
			L017A	LA-SMA-5.362	8/26/2010	Yes	MAINT	BMP repaired.
			L018	LA-SMA-5.51	8/23/2010	Yes	NONE	
			L018A	LA-SMA-5.52	8/23/2010	Yes	NONE	
			L018B	LA-SMA-5.53	8/23/2010	Yes	NONE	
			L018C	LA-SMA-5.54	8/23/2010	Yes	NONE	
			L019	LA-SMA-5.91	8/24/2010	Yes	NONE	
			L019A	LA-SMA-5.92	8/24/2010	Yes	NONE	
			L020	LA-SMA-6.25	8/24/2010	Yes	NONE	
			L021	LA-SMA-6.27	8/24/2010	Yes	NONE	
			L022	LA-SMA-6.3	8/24/2010	Yes	NONE	
			L022A	LA-SMA-6.31	8/24/2010	Yes	NONE	
			L023	LA-SMA-6.32	8/24/2010	Yes	NONE	
			L024	LA-SMA-6.34	8/24/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/15/2010	RG038	0.7	L025	LA-SMA-6.36	8/24/2010	Yes	NONE	
			L026	LA-SMA-6.38	8/24/2010	Yes	NONE	
			L027	LA-SMA-6.395	8/24/2010	Yes	NONE	
			L028	LA-SMA-6.5	8/24/2010	Yes	NONE	
			P005	P-SMA-1	8/23/2010	Yes	NONE	
			P006	P-SMA-2	8/23/2010	Yes	NONE	
			P007	P-SMA-2.15	8/23/2010	Yes	NONE	
			P008	P-SMA-2.2	8/23/2010	Yes	NONE	
			R003	R-SMA-1.95	8/24/2010	Yes	NONE	
			R005	R-SMA-2.3	8/24/2010	Yes	NONE	
			R006	R-SMA-2.5	8/24/2010	Yes	NONE	
8/15/2010	RG055.5	0.65	B002	B-SMA-1	8/24/2010	Yes	MAINT	BMP repaired.
			L006	LA-SMA-2.1	8/23/2010	Yes	NONE	
			L007	LA-SMA-2.3	8/27/2010	Yes	NONE	
			L008	LA-SMA-3.1	8/27/2010	Yes	NONE	
			L009	LA-SMA-3.9	8/27/2010	Yes	NONE	
			L010	LA-SMA-4.1	8/19/2010	Yes	NONE	
			L011	LA-SMA-4.2	8/18/2010	Yes	NONE	
			L012	LA-SMA-5.01	8/16/2010	Yes	NONE	
			L012A	LA-SMA-5.02	8/16/2010	Yes	NONE	
			P009	P-SMA-3.05	8/24/2010	Yes	MAINT	BMP needs repair.
8/15/2010	RG200.5	0.61	C001	CDB-SMA-0.15	8/26/2010	Yes	NONE	
			M005	M-SMA-3.5	8/26/2010	Yes	NONE	
			M006	M-SMA-4	8/26/2010	Yes	NONE	
			M008	M-SMA-6	8/26/2010	Yes	MAINT	BMP replaced.
			M009	M-SMA-7	8/26/2010	Yes	NONE	
			M010	M-SMA-7.9	8/26/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
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4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/15/2010	RG200.5	0.61	M011	M-SMA-9.1	8/26/2010	Yes	NONE	
			M012	M-SMA-10	8/26/2010	Yes	NONE	
			M012A	M-SMA-10.01	8/26/2010	Yes	NONE	
			M013	M-SMA-10.3	8/26/2010	Yes	NONE	
			M014	M-SMA-11.1	8/26/2010	Yes	NONE	
			M015	M-SMA-12	8/26/2010	Yes	NONE	
			T001	PRATT-SMA-1.05	8/25/2010	Yes	NONE	
			T008	T-SMA-6.8	8/25/2010	Yes	NONE	
			T009	T-SMA-7	8/25/2010	Yes	NONE	
			T010	T-SMA-7.1	8/25/2010	Yes	NONE	
8/15/2010	RG203	0.50	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/15/2010	RG240	0.33	J001	PJ-SMA-1.05	8/18/2010	Yes	NONE	
			J028	STRM-SMA-1.05	8/18/2010	Yes	NONE	
			J029	STRM-SMA-1.5	8/18/2010	Yes	NONE	
			J030	STRM-SMA-4.2	8/18/2010	Yes	NONE	
			J031	STRM-SMA-5.05	8/18/2010	Yes	NONE	
8/15/2010	RG253	1.14	V001	CDV-SMA-1.2	8/24/2010	Yes	NONE	
			V002	CDV-SMA-1.3	8/24/2010	Yes	NONE	
			V003	CDV-SMA-1.4	8/19/2010	Yes	NONE	
			V004	CDV-SMA-1.45	8/19/2010	Yes	NONE	
			V005	CDV-SMA-1.7	8/20/2010	Yes	NONE	
8/15/2010	RG-NCOM	0.25	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/15/2010	RG-TA-06	0.32	E007	2M-SMA-1.65	8/18/2010	Yes	NONE	
			E014	2M-SMA-3	8/18/2010	Yes	NONE	
			E015	2M-SMA-2.5	8/18/2010	Yes	NONE	
			H001	3M-SMA-0.2	8/18/2010	Yes	NONE	
			J005	PJ-SMA-5	8/18/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/15/2010	RG-TA-06	0.32	J006	PJ-SMA-5.1	8/18/2010	Yes	NONE	
			J007	PJ-SMA-6	8/19/2010	Yes	NONE	
			J008	PJ-SMA-7	8/19/2010	Yes	NONE	
			J009	PJ-SMA-8	8/19/2010	Yes	NONE	
			J010	PJ-SMA-9	8/19/2010	Yes	NONE	
			J012	PJ-SMA-10	8/19/2010	Yes	NONE	
			J013	PJ-SMA-11	8/19/2010	Yes	NONE	
			J014	PJ-SMA-11.1	8/19/2010	Yes	NONE	
8/15/2010	RG-TA-53	0.55	B001	B-SMA-0.5	8/23/2010	Yes	NONE	
			D008	DP-SMA-4	8/27/2010	Yes	NONE	
			L029	LA-SMA-9	8/19/2010	Yes	NONE	
			L030	LA-SMA-10.11	8/19/2010	Yes	NONE	
			L030A	LA-SMA-10.12	8/19/2010	Yes	NONE	
			P004	P-SMA-0.3	8/23/2010	Yes	NONE	
			S011	S-SMA-4.1	8/26/2010	Yes	MAINT	BMP repaired.
			S013	S-SMA-5	8/26/2010	Yes	NONE	
			S014	S-SMA-5.2	8/26/2010	Yes	MAINT	BMP needs replacement.
			S015	S-SMA-5.5	8/26/2010	Yes	NONE	
			S016	S-SMA-6	8/26/2010	Yes	NONE	
8/15/2010	RG-TA-54	0.82	C010	CDB-SMA-4	8/24/2010	Yes	NONE	
			J023	PJ-SMA-16	8/19/2010	Yes	NONE	
			J024	PJ-SMA-17	8/24/2010	Yes	NONE	
			J025	PJ-SMA-19	8/24/2010	Yes	NONE	
			J026	PJ-SMA-18	8/24/2010	Yes	NONE	
			J027	PJ-SMA-20	8/24/2010	Yes	NONE	
8/16/2010	RG038	0.61	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/16/2010	RG055.5	0.94	L013	LA-SMA-5.2	8/23/2010	Yes	NONE	
			L014	LA-SMA-5.35	8/23/2010	Yes	NONE	
			P001	ACID-SMA-1.05	8/19/2010	Yes	NONE	
			P002	ACID-SMA-2	8/19/2010	Yes	MAINT	BMP damaged.
			P002A	ACID-SMA-2.01	8/19/2010	Yes	MAINT	Housekeeping – pick up trash.
			P003	ACID-SMA-2.1	8/19/2010	Yes	MAINT	BMP needs repair.
8/16/2010	RG121.9	0.73	L001	LA-SMA-0.85	8/23/2010	Yes	NONE	
			L002	LA-SMA-0.9	8/23/2010	Yes	MAINT	BMP needs replacement.
			L003	LA-SMA-1	8/23/2010	Yes	NONE	
			L004	LA-SMA-1.1	8/27/2010	Yes	NONE	
			L005	LA-SMA-1.25	8/23/2010	Yes	NONE	
8/16/2010	RG200.5	0.33	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/16/2010	RG240	0.49	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/16/2010	RG253	1.05	J002	PJ-SMA-2	8/24/2010	Yes	NONE	
8/16/2010	RG-NCOM	0.46	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/16/2010	RG-TA-06	0.34	E002	2M-SMA-1.42	8/24/2010	Yes	NONE	
			E003	2M-SMA-1.43	8/24/2010	Yes	NONE	
			E004	2M-SMA-1.44	8/24/2010	Yes	NONE	
			E005	2M-SMA-1.45	8/24/2010	Yes	NONE	
			E006	2M-SMA-1.5	8/24/2010	Yes	NONE	
			E008	2M-SMA-1.67	8/24/2010	Yes	NONE	
8/16/2010	RG-TA-53	0.38	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/16/2010	RG-TA-54	0.26	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
8/23/2010	RG038	0.39	L015	LA-SMA-5.31	9/2/2010	Yes	NONE	
			L018	LA-SMA-5.51	9/2/2010	Yes	NONE	
			L018A	LA-SMA-5.52	9/2/2010	Yes	NONE	
			L018B	LA-SMA-5.53	9/2/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
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4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/23/2010	RG038	0.39	L018C	LA-SMA-5.54	9/2/2010	Yes	NONE	
			P005	P-SMA-1	9/3/2010	Yes	NONE	
			P006	P-SMA-2	9/3/2010	Yes	NONE	
			P007	P-SMA-2.15	9/3/2010	Yes	NONE	
			P008	P-SMA-2.2	9/3/2010	Yes	NONE	
8/23/2010	RG055.5	0.47	L006	LA-SMA-2.1	9/2/2010	Yes	NONE	
			L010	LA-SMA-4.1	9/2/2010	Yes	NONE	
			L011	LA-SMA-4.2	9/2/2010	Yes	NONE	
			L012	LA-SMA-5.01	9/2/2010	Yes	NONE	
			L012A	LA-SMA-5.02	9/2/2010	Yes	MAINT	BMP needs replacement.
			L013	LA-SMA-5.2	9/2/2010	Yes	NONE	
			L014	LA-SMA-5.35	9/2/2010	Yes	NONE	
			P001	ACID-SMA-1.05	9/2/2010	Yes	NONE	
			P002	ACID-SMA-2	9/2/2010	Yes	NONE	
			P002A	ACID-SMA-2.01	9/2/2010	Yes	NONE	
			P003	ACID-SMA-2.1	9/2/2010	Yes	NONE	
8/23/2010	RG121.9	0.36	E001	2M-SMA-1	8/30/2010	Yes	NONE	
			E011	2M-SMA-1.9	8/30/2010	Yes	NONE	
			E012	2M-SMA-2	8/30/2010	Yes	NONE	
			E013	2M-SMA-2.2	8/30/2010	Yes	NONE	
			L001	LA-SMA-0.85	8/31/2010	Yes	NONE	
			L002	LA-SMA-0.9	8/31/2010	Yes	MAINT	BMP needs replacement. Back-up BMP installed.
			L003	LA-SMA-1	8/31/2010	Yes	NONE	
			L005	LA-SMA-1.25	8/31/2010	Yes	NONE	
			M001	M-SMA-1	8/30/2010	Yes	NONE	
			M002	M-SMA-1.2	8/30/2010	Yes	NONE	
			M002A	M-SMA-1.21	8/30/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
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4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/23/2010	RG121.9	0.36	M002B	M-SMA-1.22	8/30/2010	Yes	NONE	
			S001	S-SMA-0.25	8/30/2010	Yes	NONE	
			S002	S-SMA-1.1	8/30/2010	Yes	NONE	
			S003	S-SMA-2	8/30/2010	Yes	NONE	
			S003A	S-SMA-2.01	8/30/2010	Yes	NONE	
			S004	S-SMA-2.8	8/30/2010	Yes	NONE	
			S005	S-SMA-3.51	9/1/2010	Yes	NONE	
			S005A	S-SMA-3.52	8/30/2010	Yes	NONE	
			S005A	S-SMA-3.52	9/1/2010	Yes	NONE	
			S005B	S-SMA-3.53	8/30/2010	Yes	NONE	
			S006	S-SMA-3.6	8/30/2010	Yes	NONE	
8/23/2010	RG200.5	0.28	M007	M-SMA-5	9/1/2010	Yes	NONE	
			T002	T-SMA-1	9/1/2010	Yes	NONE	
			T003	T-SMA-2.5	9/1/2010	Yes	NONE	
			T004	T-SMA-2.85	9/1/2010	Yes	NONE	
			T005	T-SMA-3	9/1/2010	Yes	NONE	
			T006	T-SMA-4	9/1/2010	Yes	NONE	
			T007	T-SMA-5	9/1/2010	Yes	NONE	
8/23/2010	RG245.5	0.27	C002	CDB-SMA-0.25	9/1/2010	Yes	NONE	
			C003	CDB-SMA-0.55	9/1/2010	Yes	NONE	
			C004	CDB-SMA-1	9/1/2010	Yes	NONE	
			C005	CDB-SMA-1.15	9/1/2010	Yes	NONE	
			C006	CDB-SMA-1.35	9/1/2010	Yes	NONE	
			C007	CDB-SMA-1.54	9/1/2010	Yes	NONE	
			C008	CDB-SMA-1.55	9/1/2010	Yes	MAINT	BMP needs repair.
			C009	CDB-SMA-1.65	9/1/2010	Yes	NONE	
			H004	3M-SMA-0.6	8/26/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
8/23/2010	RG245.5	0.27	H005	3M-SMA-2.6	8/26/2010	Yes	NONE	
			H006	3M-SMA-4	8/26/2010	Yes	NONE	
			J015	PJ-SMA-13	8/26/2010	Yes	NONE	
			J016	PJ-SMA-13.7	8/26/2010	Yes	NONE	
			J017	PJ-SMA-14	8/26/2010	Yes	NONE	
			J018	PJ-SMA-14.2	8/26/2010	Yes	NONE	
			J019	PJ-SMA-14.3	8/26/2010	Yes	NONE	
			J020	PJ-SMA-14.4	8/26/2010	Yes	NONE	
			J021	PJ-SMA-14.6	8/26/2010	Yes	NONE	
			J022	PJ-SMA-14.8	8/26/2010	Yes	NONE	
8/23/2010	RG253	0.47	V003	CDV-SMA-1.4	8/26/2010	Yes	NONE	
			V004	CDV-SMA-1.45	8/26/2010	Yes	NONE	
			V005	CDV-SMA-1.7	8/26/2010	Yes	NONE	
			W001	W-SMA-1	8/26/2010	Yes	NONE	
			W002	W-SMA-1.5	8/26/2010	Yes	NONE	
			W003	W-SMA-2.05	8/26/2010	Yes	NONE	
8/23/2010	RG-NCOM	0.44	R002	R-SMA-1	9/14/2010	No[3]	NONE	
8/23/2010	RG-TA-54	0.34	J023	PJ-SMA-16	8/26/2010	Yes	NONE	
9/21/2010	RG203	0.29	M016	M-SMA-12.5	9/28/2010	Yes	NONE	
			M017	M-SMA-12.6	9/28/2010	Yes	MAINT	BMP needs repair.
			M018	M-SMA-12.7	9/28/2010	Yes	NONE	
			M019	M-SMA-12.8	9/28/2010	Yes	NONE	
			M020	M-SMA-12.9	9/28/2010	Yes	NONE	
			M021	M-SMA-12.92	9/28/2010	Yes	NONE	
			M022	M-SMA-13	9/28/2010	Yes	NONE	
			S007	S-SMA-3.7	9/27/2010	Yes	NONE	
			S008	S-SMA-3.71	9/27/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
9/21/2010	RG203	0.29	S009	S-SMA-3.72	9/27/2010	Yes	NONE	
			S010	S-SMA-3.95	9/27/2010	Yes	NONE	
			S012	S-SMA-4.5	9/27/2010	Yes	NONE	
9/21/2010	RG262.4	0.25	H002	3M-SMA-0.4	9/27/2010	Yes	MAINT	BMP needs modification.
			H003	3M-SMA-0.5	9/27/2010	Yes	NONE	
			I001	PT-SMA-0.5	9/28/2010	Yes	NONE	
			I002	PT-SMA-1	9/28/2010	Yes	NONE	
			I003	PT-SMA-1.7	9/30/2010	Yes	NONE	
			I004	PT-SMA-2	9/28/2010	Yes	NONE	
			I004A	PT-SMA-2.01	9/28/2010	Yes	NONE	
			V014	CDV-SMA-8	9/27/2010	Yes	NONE	
			V015	CDV-SMA-8.5	9/27/2010	Yes	NONE	
			V016	CDV-SMA-9.05	9/27/2010	Yes	NONE	
			W019	W-SMA-11.7	10/5/2010	Yes	NONE	
			W020	W-SMA-12.05	10/5/2010	Yes	NONE	
			W021	W-SMA-14.1	10/5/2010	Yes	NONE	
			W022	W-SMA-15.1	10/5/2010	Yes	NONE	
9/21/2010	RG-TA-53	0.26	B001	B-SMA-0.5	9/27/2010	Yes	NONE	
			D008	DP-SMA-4	9/28/2010	Yes	MAINT	BMP needs repair.
			L029	LA-SMA-9	9/29/2010	Yes	MAINT	BMP needs repair. BMP is still effective.
			L030	LA-SMA-10.11	9/29/2010	Yes	NONE	
			L030A	LA-SMA-10.12	9/29/2010	Yes	NONE	
			P004	P-SMA-0.3	9/27/2010	Yes	NONE	
			S011	S-SMA-4.1	9/27/2010	Yes	NONE	
			S013	S-SMA-5	9/27/2010	Yes	NONE	
			S014	S-SMA-5.2	9/27/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
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Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
9/21/2010	RG-TA-53	0.26	S015	S-SMA-5.5	9/27/2010	Yes	NONE	
			S016	S-SMA-6	9/27/2010	Yes	NONE	
9/22/2010	RG038	0.38	D001	DP-SMA-0.3	9/28/2010	Yes	NONE	
			D002	DP-SMA-0.4	9/28/2010	Yes	NONE	
			D003	DP-SMA-0.6	9/28/2010	Yes	MAINT	BMP needs replacement.
			D004	DP-SMA-1	9/28/2010	Yes	NONE	
			D005	DP-SMA-2	9/28/2010	Yes	NONE	
			D006	DP-SMA-2.35	9/28/2010	Yes	NONE	
			D007	DP-SMA-3	9/28/2010	Yes	NONE	
			L015	LA-SMA-5.31	9/27/2010	Yes	NONE	
			L016	LA-SMA-5.33	9/29/2010	Yes	MAINT	BMP needs modification.
			L017	LA-SMA-5.361	9/29/2010	Yes	NONE	
			L017A	LA-SMA-5.362	9/29/2010	Yes	NONE	
			L018	LA-SMA-5.51	9/27/2010	Yes	NONE	
			L018A	LA-SMA-5.52	9/27/2010	Yes	NONE	
			L018B	LA-SMA-5.53	9/27/2010	Yes	NONE	
			L018C	LA-SMA-5.54	9/27/2010	Yes	NONE	
			L019	LA-SMA-5.91	9/29/2010	Yes	NONE	
			L019A	LA-SMA-5.92	9/29/2010	Yes	NONE	
			L020	LA-SMA-6.25	9/28/2010	Yes	NONE	
			L021	LA-SMA-6.27	9/28/2010	Yes	NONE	
			L022	LA-SMA-6.3	9/28/2010	Yes	MAINT	Additional BMPs needed.
			L022A	LA-SMA-6.31	9/28/2010	Yes	NONE	
			L023	LA-SMA-6.32	9/28/2010	Yes	NONE	
			L024	LA-SMA-6.34	9/28/2010	Yes	NONE	
			L025	LA-SMA-6.36	9/28/2010	Yes	NONE	
			L026	LA-SMA-6.38	9/28/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
9/22/2010	RG038	0.38	L027	LA-SMA-6.395	9/28/2010	Yes	NONE	
			L028	LA-SMA-6.5	9/28/2010	Yes	MAINT	Additional BMP needed.
			P005	P-SMA-1	9/28/2010	Yes	NONE	
			P006	P-SMA-2	9/27/2010	Yes	NONE	
			P007	P-SMA-2.15	9/27/2010	Yes	NONE	
			P008	P-SMA-2.2	9/27/2010	Yes	MAINT	Housekeeping – pick up trash.
			R003	R-SMA-1.95	9/29/2010	Yes	NONE	
			R005	R-SMA-2.3	9/28/2010	Yes	NONE	
			R006	R-SMA-2.5	9/28/2010	Yes	NONE	
9/22/2010	RG200.5	0.39	C001	CDB-SMA-0.15	9/30/2010	Yes	NONE	
			M005	M-SMA-3.5	9/28/2010	Yes	NONE	
			M006	M-SMA-4	9/28/2010	Yes	NONE	
			M007	M-SMA-5	9/28/2010	Yes	NONE	
			M008	M-SMA-6	9/28/2010	Yes	MAINT	BMP needs repair.
			M009	M-SMA-7	9/28/2010	Yes	NONE	
			M010	M-SMA-7.9	9/28/2010	Yes	NONE	
			M011	M-SMA-9.1	9/28/2010	Yes	NONE	
			M012	M-SMA-10	9/28/2010	Yes	NONE	
			M012A	M-SMA-10.01	9/28/2010	Yes	NONE	
			M013	M-SMA-10.3	9/28/2010	Yes	NONE	
			M014	M-SMA-11.1	9/28/2010	Yes	NONE	
			M015	M-SMA-12	9/28/2010	Yes	NONE	
			T001	PRATT-SMA-1.05	9/30/2010	Yes	NONE	
			T002	T-SMA-1	9/30/2010	Yes	NONE	
			T003	T-SMA-2.5	9/30/2010	Yes	NONE	
			T004	T-SMA-2.85	9/30/2010	Yes	NONE	
			T005	T-SMA-3	9/30/2010	Yes	MAINT	BMP needs repair.

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
9/22/2010	RG200.5	0.39	T006	T-SMA-4	9/30/2010	Yes	MAINT	Housekeeping – pick up trash.
			T007	T-SMA-5	9/30/2010	Yes	NONE	
			T008	T-SMA-6.8	9/30/2010	Yes	NONE	
			T009	T-SMA-7	9/30/2010	Yes	NONE	
			T010	T-SMA-7.1	9/30/2010	Yes	NONE	
9/22/2010	RG245.5	0.34	C002	CDB-SMA-0.25	9/30/2010	Yes	NONE	
			C003	CDB-SMA-0.55	9/30/2010	Yes	NONE	
			C004	CDB-SMA-1	9/30/2010	Yes	NONE	
			C005	CDB-SMA-1.15	9/30/2010	Yes	NONE	
			C006	CDB-SMA-1.35	9/30/2010	Yes	NONE	
			C007	CDB-SMA-1.54	9/30/2010	Yes	NONE	
			C008	CDB-SMA-1.55	9/30/2010	Yes	NONE	
			C009	CDB-SMA-1.65	9/30/2010	Yes	NONE	
			H004	3M-SMA-0.6	9/27/2010	Yes	NONE	
			H005	3M-SMA-2.6	9/29/2010	Yes	NONE	
			H006	3M-SMA-4	9/29/2010	Yes	NONE	
			J015	PJ-SMA-13	9/29/2010	Yes	NONE	
			J016	PJ-SMA-13.7	9/29/2010	Yes	NONE	
			J017	PJ-SMA-14	9/30/2010	Yes	NONE	
			J018	PJ-SMA-14.2	9/29/2010	Yes	NONE	
			J019	PJ-SMA-14.3	9/29/2010	Yes	NONE	
			J020	PJ-SMA-14.4	9/29/2010	Yes	NONE	
			J021	PJ-SMA-14.6	9/29/2010	Yes	NONE	
			J022	PJ-SMA-14.8	9/29/2010	Yes	NONE	
9/22/2010	RG253	0.32	J002	PJ-SMA-2	9/27/2010	Yes	NONE	
			V001	CDV-SMA-1.2	9/28/2010	Yes	NONE	
			V002	CDV-SMA-1.3	9/28/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
9/22/2010	RG253	0.32	V003	CDV-SMA-1.4	9/28/2010	Yes	NONE	
			V004	CDV-SMA-1.45	9/28/2010	Yes	NONE	
			V005	CDV-SMA-1.7	10/1/2010	Yes	NONE	
			W001	W-SMA-1	9/29/2010	Yes	NONE	
			W002	W-SMA-1.5	9/30/2010	Yes	NONE	
			W003	W-SMA-2.05	9/29/2010	Yes	NONE	
9/22/2010	RG257	0.40	J003	PJ-SMA-3.05	9/27/2010	Yes	NONE	
			J004	PJ-SMA-4.05	9/27/2010	Yes	NONE	
			V006	CDV-SMA-2	10/1/2010	Yes	NONE	
			V007	CDV-SMA-2.3	9/29/2010	Yes	NONE	
			V008	CDV-SMA-2.41	9/29/2010	Yes	NONE	
			V008A	CDV-SMA-2.42	9/29/2010	Yes	MAINT	Erosion on site. BMP installed.
			V009	CDV-SMA-2.5	9/29/2010	Yes	NONE	
			V009A	CDV-SMA-2.51	9/29/2010	Yes	NONE	
			V010	CDV-SMA-3	9/27/2010	Yes	NONE	
			V011	CDV-SMA-4	9/27/2010	Yes	NONE	
			V012	CDV-SMA-6.01	9/27/2010	Yes	NONE	
			V012A	CDV-SMA-6.02	9/27/2010	Yes	NONE	
			V013	CDV-SMA-7	9/27/2010	Yes	NONE	
			W004	W-SMA-3.5	9/29/2010	Yes	NONE	
			W005	W-SMA-4.1	9/29/2010	Yes	NONE	
			W006	W-SMA-5	9/29/2010	Yes	NONE	
			W007	W-SMA-6	9/29/2010	Yes	NONE	
			W008	W-SMA-7	9/29/2010	Yes	NONE	
			W009	W-SMA-7.8	9/29/2010	Yes	NONE	
			W010	W-SMA-7.9	9/29/2010	Yes	NONE	
			W011	W-SMA-8	9/29/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
9/22/2010	RG257	0.40	W012	W-SMA-8.7	9/29/2010	Yes	MAINT	BMP needs replacement. BMP still operating effectively.
			W012A	W-SMA-8.71	9/29/2010	Yes	NONE	
			W013	W-SMA-9.05	9/29/2010	Yes	NONE	
			W014	W-SMA-9.5	9/30/2010	Yes	NONE	
			W015	W-SMA-9.7	9/30/2010	Yes	NONE	
			W016	W-SMA-9.8	9/30/2010	Yes	NONE	
			W017	W-SMA-9.9	9/30/2010	Yes	NONE	
			W018	W-SMA-10	9/30/2010	Yes	NONE	
9/22/2010	RG262.4	0.26	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
9/22/2010	RG-TA-06	0.35	E002	2M-SMA-1.42	9/27/2010	Yes	NONE	
			E003	2M-SMA-1.43	9/27/2010	Yes	NONE	
			E004	2M-SMA-1.44	9/27/2010	Yes	NONE	
			E005	2M-SMA-1.45	9/27/2010	Yes	NONE	
			E006	2M-SMA-1.5	9/27/2010	Yes	NONE	
			E007	2M-SMA-1.65	9/28/2010	Yes	NONE	
			E008	2M-SMA-1.67	9/27/2010	Yes	NONE	
			E009	2M-SMA-1.7	9/27/2010	Yes	NONE	
			E010	2M-SMA-1.8	9/27/2010	Yes	NONE	
			E014	2M-SMA-3	9/28/2010	Yes	NONE	
			E015	2M-SMA-2.5	9/28/2010	Yes	NONE	
			H001	3M-SMA-0.2	9/27/2010	Yes	NONE	
			J005	PJ-SMA-5	9/27/2010	Yes	NONE	
			J006	PJ-SMA-5.1	9/27/2010	Yes	NONE	
			J007	PJ-SMA-6	9/28/2010	Yes	NONE	
			J008	PJ-SMA-7	9/28/2010	Yes	NONE	
			J009	PJ-SMA-8	9/28/2010	Yes	NONE	
			J010	PJ-SMA-9	9/28/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
9/22/2010	RG-TA-06	0.35	J012	PJ-SMA-10	9/28/2010	Yes	NONE	
			J013	PJ-SMA-11	9/28/2010	Yes	NONE	
			J014	PJ-SMA-11.1	9/28/2010	Yes	NONE	
			M003	M-SMA-3	9/28/2010	Yes	NONE	
			M004	M-SMA-3.1	9/28/2010	Yes	NONE	
9/22/2010	RG-TA-53	0.37	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
10/1/2010	RG253	0.55	J002	PJ-SMA-2	10/13/2010	Yes	NONE	
			V001	CDV-SMA-1.2	10/12/2010	Yes	MAINT	BMP needs repair.
			V002	CDV-SMA-1.3	10/12/2010	Yes	NONE	
			V003	CDV-SMA-1.4	10/12/2010	Yes	NONE	
			V004	CDV-SMA-1.45	10/12/2010	Yes	NONE	
			V005	CDV-SMA-1.7	*Storm rain event within 15 days of previous event; additional inspection not required.*			
			W001	W-SMA-1	10/12/2010	Yes	NONE	
			W002	W-SMA-1.5	10/12/2010	Yes	NONE	
			W003	W-SMA-2.05	10/12/2010	Yes	NONE	
10/1/2010	RG340	0.32	A007	A-SMA-3.5	10/12/2010	Yes	NONE	
			A008	A-SMA-4	10/12/2010	Yes	NONE	
			A009	A-SMA-6	10/12/2010	Yes	NONE	
			Q001	CHQ-SMA-0.5	10/12/2010	Yes	NONE	
			Q002	CHQ-SMA-1.01	10/12/2010	Yes	NONE	
			Q002A	CHQ-SMA-1.02	10/12/2010	Yes	MAINT	Retire BMP.
			Q002B	CHQ-SMA-1.03	10/12/2010	Yes	NONE	
			Q003	CHQ-SMA-2	10/6/2010	Yes	NONE	
			Q004	CHQ-SMA-3.05	10/12/2010	Yes	NONE	
			Q005	CHQ-SMA-4	10/6/2010	Yes	NONE	
			Q006	CHQ-SMA-4.1	10/12/2010	Yes	NONE	
			Q007	CHQ-SMA-4.5	10/12/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
10/1/2010	RG340	0.32	Q008	CHQ-SMA-5.05	10/12/2010	Yes	NONE	
			Q009	CHQ-SMA-6	10/6/2010	Yes	NONE	
			Q010	CHQ-SMA-7.1	10/12/2010	Yes	NONE	
10/2/2010	RG253	0.5	V005	CDV-SMA-1.7	10/13/2010	Yes	NONE	
10/2/2010	RG257	0.27	J003	PJ-SMA-3.05	10/12/2010	Yes	NONE	
			J004	PJ-SMA-4.05	10/12/2010	Yes	NONE	
			V006	CDV-SMA-2	10/13/2010	Yes	NONE	
			V007	CDV-SMA-2.3	10/13/2010	Yes	NONE	
			V008	CDV-SMA-2.41	10/13/2010	Yes	NONE	
			V008A	CDV-SMA-2.42	10/13/2010	Yes	NONE	
			V009	CDV-SMA-2.5	10/13/2010	Yes	NONE	
			V009A	CDV-SMA-2.51	10/13/2010	Yes	NONE	
			V010	CDV-SMA-3	10/14/2010	Yes	NONE	
			V011	CDV-SMA-4	10/14/2010	Yes	NONE	
			V012	CDV-SMA-6.01	10/4/2010	Yes	MAINT	BMP needs repair.
			V012A	CDV-SMA-6.02	10/4/2010	Yes	NONE	
			V013	CDV-SMA-7	10/14/2010	Yes	MAINT	Soil disturbance on site.
			W004	W-SMA-3.5	10/13/2010	Yes	NONE	
			W005	W-SMA-4.1	10/13/2010	Yes	NONE	
			W006	W-SMA-5	10/14/2010	Yes	NONE	
			W007	W-SMA-6	10/14/2010	Yes	NONE	
			W008	W-SMA-7	10/14/2010	Yes	NONE	
			W009	W-SMA-7.8	10/14/2010	Yes	NONE	
			W010	W-SMA-7.9	10/14/2010	Yes	NONE	
			W011	W-SMA-8	10/14/2010	Yes	NONE	
			W012	W-SMA-8.7	10/13/2010	Yes	NONE	
			W012A	W-SMA-8.71	10/13/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
10/2/2010	RG257	0.27	W013	W-SMA-9.05	10/14/2010	Yes	NONE	
			W014	W-SMA-9.5	10/7/2010	Yes	NONE	
			W015	W-SMA-9.7	10/7/2010	Yes	NONE	
			W016	W-SMA-9.8	10/7/2010	Yes	NONE	
			W017	W-SMA-9.9	10/7/2010	Yes	NONE	
			W018	W-SMA-10	10/7/2010	Yes	NONE	
10/2/2010	RG-TA-06	0.35	E002	2M-SMA-1.42	10/12/2010	Yes	NONE	
			E003	2M-SMA-1.43	10/12/2010	Yes	NONE	
			E004	2M-SMA-1.44	10/12/2010	Yes	NONE	
			E005	2M-SMA-1.45	10/8/2010	Yes	MAINT	BMP needs replacement.
			E006	2M-SMA-1.5	10/12/2010	Yes	NONE	
			E007	2M-SMA-1.65	10/13/2010	Yes	NONE	
			E008	2M-SMA-1.67	10/12/2010	Yes	NONE	
			E009	2M-SMA-1.7	10/12/2010	Yes	NONE	
			E010	2M-SMA-1.8	10/12/2010	Yes	NONE	
			E014	2M-SMA-3	10/13/2010	Yes	NONE	
			E015	2M-SMA-2.5	10/13/2010	Yes	NONE	
			H001	3M-SMA-0.2	10/13/2010	Yes	NONE	
			J005	PJ-SMA-5	10/12/2010	Yes	NONE	
			J006	PJ-SMA-5.1	10/12/2010	Yes	NONE	
			J007	PJ-SMA-6	10/13/2010	Yes	NONE	
			J008	PJ-SMA-7	10/13/2010	Yes	NONE	
			J009	PJ-SMA-8	10/13/2010	Yes	NONE	
			J010	PJ-SMA-9	10/13/2010	Yes	NONE	
			J012	PJ-SMA-10	10/13/2010	Yes	NONE	
			J013	PJ-SMA-11	10/7/2010	Yes	MAINT	BMP needs repair.
			J014	PJ-SMA-11.1	10/7/2010	Yes	MAINT	BMP needs replacement.

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
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4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
10/2/2010	RG-TA-06	0.35	M003	M-SMA-3	10/13/2010	Yes	MAINT	BMP needs modification.
			M004	M-SMA-3.1	10/13/2010	Yes	NONE	
10/5/2010	RG253	0.26	--	--	*Storm rain event within 15 days of previous event; additional inspection not required.*			
10/20/2010	RG240	1.1	J001	PJ-SMA-1.05	10/28/2010	Yes	NONE	
			J028	STRM-SMA-1.05	11/1/2010	Yes	NONE	
			J029	STRM-SMA-1.5	11/1/2010	Yes	NONE	
			J030	STRM-SMA-4.2	11/1/2010	Yes	NONE	
			J031	STRM-SMA-5.05	11/1/2010	Yes	NONE	
10/20/2010	RG253	1.51	J002	PJ-SMA-2	10/28/2010	Yes	NONE	
			V001	CDV-SMA-1.2	10/26/2010	Yes	NONE	
			V002	CDV-SMA-1.3	10/26/2010	Yes	NONE	
			V003	CDV-SMA-1.4	10/26/2010	Yes	NONE	
			V004	CDV-SMA-1.45	10/26/2010	Yes	NONE	
			V005	CDV-SMA-1.7	10/22/2010	Yes	NONE	
			W001	W-SMA-1	10/25/2010	Yes	NONE	
			W002	W-SMA-1.5	10/25/2010	Yes	NONE	
			W003	W-SMA-2.05	10/25/2010	Yes	NONE	
10/20/2010	RG257	0.3	J003	PJ-SMA-3.05	11/1/2010	Yes	NONE	
			J004	PJ-SMA-4.05	11/1/2010	Yes	NONE	
			V006	CDV-SMA-2	10/22/2010	Yes	NONE	
			V007	CDV-SMA-2.3	10/26/2010	Yes	NONE	
			V008	CDV-SMA-2.41	10/25/2010	Yes	NONE	
			V008A	CDV-SMA-2.42	10/25/2010	Yes	NONE	
			V009	CDV-SMA-2.5	10/25/2010	Yes	NONE	
			V009A	CDV-SMA-2.51	10/25/2010	Yes	NONE	
			V010	CDV-SMA-3	10/28/2010	Yes	NONE	
			V011	CDV-SMA-4	10/28/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

Table F-3. Post Storm Inspections During 2010

Storm Date	Rain Gage	30-Min Intensity [1]	Permitted Feature	SMA	Inspection Date	Within 15 Days?	Findings [2]	Summary of Findings
10/20/2010	RG257	0.3	V012	CDV-SMA-6.01	10/28/2010	Yes	NONE	
			V012A	CDV-SMA-6.02	10/28/2010	Yes	NONE	
			V013	CDV-SMA-7	10/28/2010	Yes	NONE	
			W004	W-SMA-3.5	10/25/2010	Yes	NONE	
			W005	W-SMA-4.1	10/25/2010	Yes	NONE	
			W006	W-SMA-5	10/26/2010	Yes	NONE	
			W007	W-SMA-6	10/26/2010	Yes	NONE	
			W008	W-SMA-7	10/26/2010	Yes	NONE	
			W009	W-SMA-7.8	10/26/2010	Yes	NONE	
			W010	W-SMA-7.9	10/26/2010	Yes	NONE	
			W011	W-SMA-8	10/26/2010	Yes	NONE	
			W012	W-SMA-8.7	10/26/2010	Yes	NONE	
			W012A	W-SMA-8.71	10/26/2010	Yes	NONE	
			W013	W-SMA-9.05	10/26/2010	Yes	NONE	
			W014	W-SMA-9.5	10/28/2010	Yes	NONE	
			W015	W-SMA-9.7	10/28/2010	Yes	NONE	
			W016	W-SMA-9.8	10/28/2010	Yes	NONE	
			W017	W-SMA-9.9	10/28/2010	Yes	NONE	
			W018	W-SMA-10	10/28/2010	Yes	MAINT	BMP needs repair.
10/20/2010	RG-NCOM	0.65	R001	R-SMA-0.5	10/26/2010	Yes	NONE	
			R002	R-SMA-1	10/26/2010	Yes	NONE	
			R004	R-SMA-2.05	10/26/2010	Yes	NONE	

1. Maximum 30-minute precipitation intensity (inches per 30 minutes).
2. MAINT = Maintenance requested for observed finding; NONE = No findings identified
3. Exceeded 15 day period due to clerical error.
4. Exceeded 15 day period due to high explosives area safety shut down.

NPDES Permit No. NM0030759

Individual Permit Annual Report

January 1 – December 31, 2010

ATTACHMENT 1

Supporting Documentation for Permitted Sites
with Certificates of Completion under the NMED Consent Order

LA-UR-11-10019

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State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous Waste Bureau
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Fax (505) 428-2567
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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.

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)]

CT 07-090
ERID-98441

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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DIANE DENISH
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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):

- 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)

CT 08-015

NEW MEXICO ENVIRONMENT DEPARTMENT

100116 (2)

Hazardous Waste Bureau

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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

NEW MEXICO ENVIRONMENT DEPARTMENT

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DIANE DENISH
Lieutenant Governor

RON CURRY
Secretary

SARAH COTTRELL
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

'10 APR 7 AM 9:3[illegible]

April 6, 2010

George J. Rael
Environmental Operations Manager
Los Alamos Site Office
Department of Energy
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))

NEW MEXICO ENVIRONMENT DEPARTMENT

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DIANE DENISH
Lieutenant Governor

RON CURRY
Secretary

SARAH COTTRELL
Deputy Secretary

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
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: 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

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).

09-09-10 07:53 RCVD

NAME Edelyn Lucero
Z# 080133
DATE 9/9/10

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Michael Graham
Associate Director Environmental Programs
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Secretary

SARAH COTTRELL
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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
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: 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

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

NAME Evelyn Lucero
Z# 080133
DATE 9/14/10

AP RCVD

CERTIFIED MAIL™

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous Waste Bureau
2905 Rodeo Park Drive East-Building 1
Santa Fe, New Mexico 87505

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Michael Graham
Associate Director Environmental Programs
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Los Alamos, NM 87545

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SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Phone (505) 476-6000 Fax (505) 476-6030
www.nmenv.state.nm.us

DAVE MARTIN
Cabinet Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 14, 2011

George J. Rael, Assistant Manager
Environmental Projects Office
U.S. 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, 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

NAME_____

Z#_____

DATE 1/18/2011

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State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous Waste Bureau
2905 Rodeo Park Drive East-Building 1
Santa Fe New Mexico 87505

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Michael J.Graham, Associate Director
Environmental Programs
Los Alamos National Security,LLC
P.O. Box 1663, ~~MS M991~~ A150
Los Alamos, NM 87545

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NPDES Permit No. NM0030759

Individual Permit Annual Report

January 1 – December 31, 2010

ATTACHMENT 2

Supporting Documentation for Analysis of PCB Congeners using EPA Method 1668

LA-UR-11-10019

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PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**11-281**	**Client:**	**LANL001**	**Project:**	**LANL00109**
Lab Sample ID:	**1762001**	**Date Collected:**	**10/20/2010 12:00**	**Matrix:**	**WT**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2010 09:50**		
Client ID:	**WT_IPSAN-10-26392**			**Prep Basis:**	**As Received**
Batch ID:	**17788**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/16/2010 16:25**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A16NOV10A-8**			**Dilution:**	**1**
Prep Batch:	**17273**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**31-OCT-10**	**Aliquot:**	**934.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	MDL	PQL
2051-60-7	PCB-1	U	7.13	7.13	pg/L	7.13	21.4
2051-61-8	PCB-2	U	7.13	7.13	pg/L	7.13	21.4
2051-62-9	PCB-3	U	7.13	7.13	pg/L	7.13	21.4
13029-08-8	PCB-4	U	35.8	35.8	pg/L	35.8	107
16605-91-7	PCB-5	U	7.13	7.13	pg/L	7.13	21.4
25569-80-6	PCB-6	U	7.13	7.13	pg/L	7.13	21.4
33284-50-3	PCB-7	U	7.13	7.13	pg/L	7.13	21.4
34883-43-7	PCB-8	U	7.13	7.13	pg/L	7.13	21.4
34883-39-1	PCB-9	U	7.13	7.13	pg/L	7.13	21.4
33146-45-1	PCB-10	U	35.8	35.8	pg/L	35.8	107
2050-67-1	PCB-11	J	106	58.1	pg/L	35.8	107
2974-92-7	PCB-13/12	CU	14.3	14.3	pg/L	14.3	42.8
34883-41-5	PCB-14	U	7.13	7.13	pg/L	7.13	21.4
2050-68-2	PCB-15	J	16.5	7.44	pg/L	7.13	21.4
38444-78-9	PCB-16	U	35.8	35.8	pg/L	35.8	107
37680-66-3	PCB-17	U	10.0	7.13	pg/L	7.13	21.4
37680-65-2	PCB-18/30	CU	22.8	14.3	pg/L	14.3	42.8
38444-73-4	PCB-19	U	7.13	7.13	pg/L	7.13	21.4
38444-84-7	PCB-20/28	C	75.0	58.3	pg/L	14.3	42.8
55702-46-0	PCB-21/33	CU	24.9	14.3	pg/L	14.3	42.8
38444-85-8	PCB-22		27.1	21.6	pg/L	7.13	21.4
55720-44-0	PCB-23	U	7.13	7.13	pg/L	7.13	21.4
55702-45-9	PCB-24	U	7.13	7.13	pg/L	7.13	21.4
55712-37-3	PCB-25	U	7.13	7.13	pg/L	7.13	21.4
38444-81-4	PCB-26/29	CU	15.2	14.3	pg/L	14.3	42.8
38444-76-7	PCB-27	U	7.13	7.13	pg/L	7.13	21.4
16606-02-3	PCB-31		60.1	44.8	pg/L	7.13	21.4
38444-77-8	PCB-32	U	10.5	7.13	pg/L	7.13	21.4
37680-68-5	PCB-34	U	7.13	7.13	pg/L	7.13	21.4
37680-69-6	PCB-35	J	17.8	13.1	pg/L	7.13	21.4
38444-87-0	PCB-36	U	7.13	7.13	pg/L	7.13	21.4
38444-90-5	PCB-37		132	126	pg/L	7.13	21.4

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data
J Value is estimated
U Analyte was analyzed for , but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**11-281**	**Client:**	**LANL001**	**Project:**	**LANL00109**
Lab Sample ID:	**1762001**	**Date Collected:**	**10/20/2010 12:00**	**Matrix:**	**WT**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2010 09:50**		
Client ID:	**WT_IPSAN-10-26392**			**Prep Basis:**	**As Received**
Batch ID:	**17788**	**Method:**	**EPA Method 1668A**		
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Data File:	**A16NOV10A-8**			**Dilution:**	**1**
Prep Batch:	**17273**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**31-OCT-10**	**Aliquot:**	**934.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	MDL	PQL
53555-66-1	PCB-38	U	7.13	7.13	pg/L	7.13	21.4
38444-88-1	PCB-39	U	7.13	7.13	pg/L	7.13	21.4
38444-93-8	PCB-40/71	C	172	166	pg/L	14.3	42.8
52663-59-9	PCB-41	U	35.8	35.8	pg/L	35.8	107
36559-22-5	PCB-42		79.8	72.3	pg/L	7.13	21.4
70362-46-8	PCB-43	U	7.13	7.13	pg/L	7.13	21.4
41464-39-5	PCB-44/65/47	CU	21.4	21.4	pg/L	21.4	64.2
70362-45-7	PCB-45/51	CJ	39.7	29.5	pg/L	14.3	42.8
41464-47-5	PCB-46	J	11.5	7.29	pg/L	7.13	27.4
70362-47-9	PCB-48		30.1	22.9	pg/L	7.13	21.4
41464-40-8	PCB-69/49	C	347	340	pg/L	14.3	42.8
62796-65-0	PCB-50/53	CU	31.6	14.3	pg/L	14.3	42.8
35693-99-3	PCB-52		2110	2080	pg/L	7.13	21.4
15968-05-5	PCB-54	U	7.13	7.13	pg/L	7.13	21.4
74338-24-2	PCB-55	U	7.13	7.13	pg/L	7.13	21.4
41464-43-1	PCB-56		477	473	pg/L	7.13	21.4
70424-67-8	PCB-57	U	7.13	7.13	pg/L	7.13	21.4
41464-49-7	PCB-58	U	7.69	7.13	pg/L	7.13	21.4
74472-33-6	PCB-59/62/75	CJ	29.9	24.5	pg/L	21.4	64.2
33025-41-1	PCB-60		151	146	pg/L	7.13	21.4
33284-53-6	PCB-61/76/70/74	C	3210	3200	pg/L	28.5	85.6
74472-34-7	PCB-63	J	22.7	18.2	pg/L	7.13	21.4
52663-58-8	PCB-64		297	292	pg/L	7.13	21.4
32598-10-0	PCB-66		900	894	pg/L	7.13	21.4
73575-53-8	PCB-67		26.3	22.1	pg/L	7.13	21.4
73575-52-7	PCB-68	U	7.13	7.13	pg/L	7.13	21.4
41464-42-0	PCB-72	U	11.0	7.13	pg/L	7.13	21.4
74338-23-1	PCB-73	J	16.4	10.8	pg/L	7.13	21.4
32598-13-3	PCB-77		1320	1310	pg/L	7.13	21.4
70362-49-1	PCB-78	U	7.13	7.13	pg/L	7.13	21.4
41464-48-6	PCB-79		87.0	82.9	pg/L	7.13	21.4
33284-52-5	PCB-80	U	7.13	7.13	pg/L	7.13	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:	**11-281**	**Client:**	**LANL001**	**Project:**	**LANL00109**
Lab Sample ID:	**1762001**	**Date Collected:**	**10/20/2010 12:00**	**Matrix:**	**WT**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2010 09:50**		
Client ID:	**WT_IPSAN-10-26392**			**Prep Basis:**	**As Received**
Batch ID:	**17788**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/16/2010 16:25**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A16NOV10A-8**			**Dilution:**	**1**
Prep Batch:	**17273**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**31-OCT-10**	**Aliquot:**	**934.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	MDL	PQL
70362-50-4	PCB-81		30.2	25.3	pg/L	7.13	21.4
52663-62-4	PCB-82		1620	1620	pg/L	7.13	21.4
60145-20-2	PCB-83		625	619	pg/L	7.13	21.4
52663-60-2	PCB-84		2500	2500	pg/L	7.13	21.4
65510-45-4	PCB-117/116/85	C	1970	1960	pg/L	21.4	64.2
55312-69-1	PCB-86/87/97/109/119/125	C	9650	9640	pg/L	42.8	128
55215-17-3	PCB-88/91	C	940	935	pg/L	14.3	42.8
73575-57-2	PCB-89		59.1	54.4	pg/L	7.13	21.4
68194-07-0	PCB-113/90/101	C	14700	14700	pg/L	21.4	64.2
52663-61-3	PCB-92		2240	2220	pg/L	7.13	21.4
73575-56-1	PCB-93/100	CU	14.3	14.3	pg/L	14.3	42.8
73575-55-0	PCB-94	J	19.4	14.8	pg/L	7.13	21.4
38379-99-6	PCB-95		8410	8380	pg/L	7.13	21.4
73575-54-9	PCB-96	J	21.2	19.4	pg/L	7.13	21.4
60233-25-2	PCB-102/98	C	133	129	pg/L	14.3	42.8
38380-01-7	PCB-99		4180	4160	pg/L	35.8	107
60145-21-3	PCB-103	J	25.3	21.2	pg/L	7.13	21.4
56558-16-8	PCB-104	U	7.13	7.13	pg/L	7.13	21.4
32598-14-4	PCB-105		8280	8270	pg/L	35.8	107
70424-69-0	PCB-106	U	7.13	7.13	pg/L	7.13	21.4
70424-68-9	PCB-107		1040	1030	pg/L	7.13	21.4
70362-41-3	PCB-108/124	C	716	713	pg/L	14.3	42.8
38380-03-9	PCB-110/115	C	20400	20400	pg/L	14.3	42.8
39635-32-0	PCB-111	U	7.13	7.13	pg/L	7.13	21.4
74472-36-9	PCB-112	U	7.13	7.13	pg/L	7.13	21.4
74472-37-0	PCB-114		301	296	pg/L	7.13	21.4
31508-00-6	PCB-118		19000	19000	pg/L	7.13	21.4
68194-12-7	PCB-120		27.9	24.6	pg/L	7.13	21.4
56558-18-0	PCB-121	U	7.13	7.13	pg/L	7.13	21.4
76842-07-4	PCB-122		174	171	pg/L	7.13	21.4
65510-44-3	PCB-123		273	269	pg/L	35.8	107
57465-28-8	PCB-126		374	370	pg/L	7.13	21.4

Comments:

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PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**11-281**	**Client:**	**LANL001**	**Project:**	**LANL00109**
Lab Sample ID:	**1762001**	**Date Collected:**	**10/20/2010 12:00**	**Matrix:**	**WT**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2010 09:50**		
Client ID:	**WT_IPSAN-10-26392**			**Prep Basis:**	**As Received**
Batch ID:	**17788**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/16/2010 16:25**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A16NOV10A-8**			**Dilution:**	**1**
Prep Batch:	**17273**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**31-OCT-10**	**Aliquot:**	**934.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	MDL	PQL
39635-33-1	PCB-127		30.8	27.3	pg/L	7.13	21.4
38380-07-3	PCB-128/166	C	5760	5760	pg/L	14.3	42.8
55215-18-4	PCB-138/163/129	C	42700	42700	pg/L	21.4	64.2
52663-66-8	PCB-130		2140	2130	pg/L	7.13	21.4
61798-70-7	PCB-131		375	367	pg/L	7.13	21.4
38380-05-1	PCB-132		11500	11500	pg/L	7.13	21.4
35694-04-3	PCB-133		369	362	pg/L	7.13	21.4
52704-70-8	PCB-134		1750	1740	pg/L	35.8	107
52744-13-5	PCB-151/135	C	9690	9670	pg/L	14.3	42.8
38411-22-2	PCB-136		3120	3110	pg/L	7.13	21.4
35694-06-5	PCB-137		1250	1250	pg/L	7.13	21.4
56030-56-9	PCB-139/140	C	331	324	pg/L	14.3	42.8
52712-04-6	PCB-141		7700	7690	pg/L	7.13	21.4
41411-61-4	PCB-142	U	7.13	7.13	pg/L	7.13	21.4
68194-15-0	PCB-143	U	7.13	7.13	pg/L	7.13	21.4
68194-14-9	PCB-144		1410	1400	pg/L	7.13	21.4
74472-40-5	PCB-145	U	7.13	7.13	pg/L	7.13	21.4
51908-16-8	PCB-146		4410	4400	pg/L	7.13	21.4
68194-13-8	PCB-147/149	C	24800	24800	pg/L	14.3	42.8
74472-41-6	PCB-148	U	10.5	7.13	pg/L	7.13	21.4
68194-08-1	PCB-150	J	16.1	13.2	pg/L	7.13	21.4
68194-09-2	PCB-152	J	10.6	7.68	pg/L	7.13	21.4
35065-27-1	PCB-153/168	C	29800	29700	pg/L	14.3	42.8
60145-22-4	PCB-154		106	102	pg/L	7.13	21.4
33979-03-2	PCB-155	U	7.13	7.13	pg/L	7.13	21.4
38380-08-4	PCB-156/157	C	5200	5200	pg/L	14.3	42.8
74472-42-7	PCB-158		3880	3870	pg/L	7.13	21.4
39635-35-3	PCB-159		345	341	pg/L	7.13	21.4
41411-62-5	PCB-160	U	7.13	7.13	pg/L	7.13	21.4
74472-43-8	PCB-161	U	7.13	7.13	pg/L	7.13	21.4
39635-34-2	PCB-162		95.5	91.3	pg/L	7.13	21.4
74472-45-0	PCB-164		2940	2930	pg/L	7.13	21.4

Comments:

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PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**11-281**	**Client:**	**LANL001**	**Project:**	**LANL00109**
Lab Sample ID:	**1762001**	**Date Collected:**	**10/20/2010 12:00**	**Matrix:**	**WT**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2010 09:50**		
Client ID:	**WT_IPSAN-10-26392**			**Prep Basis:**	**As Received**
Batch ID:	**17788**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/16/2010 16:25**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A16NOV10A-8**			**Dilution:**	**1**
Prep Batch:	**17273**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**31-OCT-10**	**Aliquot:**	**934.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	MDL	PQL
74472-46-1	PCB-165	U	7.13	7.13	pg/L	7.13	23.6
52663-72-6	PCB-167		1980	1980	pg/L	7.13	21.4
32774-16-6	PCB-169	U	7.13	7.13	pg/L	7.13	21.4
35065-30-6	PCB-170		11800	11800	pg/L	7.13	21.4
52663-71-5	PCB-173/171	C	3450	3440	pg/L	14.3	42.8
52663-74-8	PCB-172		1910	1910	pg/L	7.13	21.4
38411-25-5	PCB-174		10600	10600	pg/L	7.13	21.4
40186-70-7	PCB-175		391	385	pg/L	7.13	21.4
52663-65-7	PCB-176		1160	1160	pg/L	7.13	21.4
52663-70-4	PCB-177		6440	6430	pg/L	7.13	21.4
52663-67-9	PCB-178		1780	1750	pg/L	7.13	82.9
52663-64-6	PCB-179		3460	3450	pg/L	7.13	21.4
35065-29-3	PCB-193/180	CU	14.3	14.3	pg/L	14.3	42.8
74472-47-2	PCB-181		65.0	59.2	pg/L	7.13	21.4
60145-23-5	PCB-182	J	24.1	17.9	pg/L	7.13	21.4
52663-69-1	PCB-183/185	C	6660	6660	pg/L	14.3	42.8
74472-48-3	PCB-184	U	7.13	7.13	pg/L	7.13	21.4
74472-49-4	PCB-186	U	7.13	7.13	pg/L	7.13	21.4
52663-68-0	PCB-187		10800	10800	pg/L	7.13	21.4
74487-85-7	PCB-188	U	7.13	7.13	pg/L	7.13	21.4
39635-31-9	PCB-189		483	475	pg/L	7.13	21.4
41411-64-7	PCB-190		2270	2270	pg/L	7.13	21.4
74472-50-7	PCB-191		412	408	pg/L	7.13	21.4
74472-51-8	PCB-192	U	7.13	7.13	pg/L	7.13	21.4
35694-08-7	PCB-194		4110	4110	pg/L	7.13	21.4
52663-78-2	PCB-195		1840	1830	pg/L	7.13	21.4
42740-50-1	PCB-196		2070	2070	pg/L	7.13	21.4
33091-17-7	PCB-197/200	CU	14.3	14.3	pg/L	14.3	42.8
68194-17-2	PCB-198/199	C	3810	3800	pg/L	14.3	42.8
40186-71-8	PCB-201		411	407	pg/L	7.13	21.4
2136-99-4	PCB-202		630	625	pg/L	7.13	21.4
52663-76-0	PCB-203		2320	2310	pg/L	7.13	21.4

Comments:

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PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**11-281**	**Client:**	**LANL001**	**Project:**	**LANL00109**
Lab Sample ID:	**1762001**	**Date Collected:**	**10/20/2010 12:00**	**Matrix:**	**WT**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2010 09:50**		
Client ID:	**WT_IPSAN-10-26392**			**Prep Basis:**	**As Received**
Batch ID:	**17788**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/16/2010 16:25**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A16NOV10A-8**			**Dilution:**	**1**
Prep Batch:	**17273**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**31-OCT-10**	**Aliquot:**	**934.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	MDL	PQL
74472-52-9	PCB-204	U	7.13	7.13	pg/L	7.13	21.4
74472-53-0	PCB-205		264	256	pg/L	7.13	21.4
40186-72-9	PCB-206		762	749	pg/L	7.13	21.4
52663-79-3	PCB-207		82.1	74.4	pg/L	7.13	21.4
52663-77-1	PCB-208		113	104	pg/L	7.13	21.4
2051-24-3	PCB-209	U	15.1	7.13	pg/L	7.13	21.4
27323-18-8	Total Mono PCBs	U	0.00	0	pg/L		
25512-42-9	Total Di PCBs		123	65.5	pg/L		
25323-68-6	Total Tri PCBs		396	264	pg/L		
26914-33-0	Total Tetra PCBs		9410	9220	pg/L		
25429-29-2	Total Penta PCBs		97800	97500	pg/L		
26601-64-9	Total Hexa PCBs		162000	161000	pg/L		
28655-71-2	Total Hepta PCBs		61800	61700	pg/L		
55722-26-4	Total Octa PCBs		15500	15400	pg/L		
53742-07-7	Total Nona PCBs		957	927	pg/L		
2051-24-3	Total Deca PCB	U	15.1	0	pg/L		
	Total PCB Congeners		348000	346000	pg/L		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		1250	2140	pg/L	58.1	(15%-150%)
13C-3-MoCB		1280	2140	pg/L	60.0	(15%-150%)
13C-4-DiCB		1200	2140	pg/L	56.1	(25%-150%)
13C-15-DiCB		1170	2140	pg/L	54.9	(25%-150%)
13C-19-TrCB		1290	2140	pg/L	60.4	(25%-150%)
13C-37-TrCB		1400	2140	pg/L	65.4	(25%-150%)
13C-54-TeCB		1210	2140	pg/L	56.5	(25%-150%)
13C-77-TeCB		1530	2140	pg/L	71.6	(25%-150%)
13C-81-TeCB		1560	2140	pg/L	72.8	(25%-150%)
13C-104-PeCB		1250	2140	pg/L	58.2	(25%-150%)
13C-105-PeCB		1360	2140	pg/L	63.7	(25%-150%)
13C-114-PeCB		1340	2140	pg/L	62.4	(25%-150%)
13C-118-PeCB		1420	2140	pg/L	66.4	(25%-150%)
13C-123-PeCB		1460	2140	pg/L	68.1	(25%-150%)
13C-126-PeCB		1410	2140	pg/L	65.6	(25%-150%)
13C-155-HxCB		1310	2140	pg/L	61.3	(25%-150%)
13C-156-HxCB	C	2510	4280	pg/L	58.7	(25%-150%)
13C-157-HxCB	C156L					
13C-167-HxCB		1260	2140	pg/L	59.0	(25%-150%)
13C-169-HxCB		1280	2140	pg/L	59.6	(25%-150%)
13C-188-HpCB		1470	2140	pg/L	68.8	(25%-150%)
13C-189-HpCB		1270	2140	pg/L	59.3	(25%-150%)
13C-202-OcCB		1440	2140	pg/L	67.4	(25%-150%)

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**11-281**	**Client:**	**LANL001**	**Project:**	**LANL00109**
Lab Sample ID:	**1762001**	**Date Collected:**	**10/20/2010 12:00**	**Matrix:**	**WT**
Client Sample:	**1668A Water**	**Date Received:**	**10/28/2010 09:50**		
Client ID:	**WT_IPSAN-10-26392**			**Prep Basis:**	**As Received**
Batch ID:	**17788**	**Method:**	**EPA Method 1668A**		
Run Date:	**11/16/2010 16:25**	**Analyst:**	**MJC**	**Instrument:**	**HRP750**
Data File:	**A16NOV10A-8**			**Dilution:**	**1**
Prep Batch:	**17273**	**Prep Method:**	**SW846 3520C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**31-OCT-10**	**Aliquot:**	**934.1 mL**		

CAS No.	Parmname	Qual	Result	MBCR	Units	MDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-205-OcCB		1380	2140	pg/L	64.6	(25%-150%)
13C-206-NoCB		1400	2140	pg/L	65.4	(25%-150%)
13C-208-NoCB		1440	2140	pg/L	67.4	(25%-150%)
13C-209-DeCB		1490	2140	pg/L	69.7	(25%-150%)
13C-28-TrCB		1510	2140	pg/L	70.4	(30%-135%)
13C-111-PeCB		1470	2140	pg/L	68.7	(30%-135%)
13C-178-HpCB		1450	2140	pg/L	67.9	(30%-135%)

Comments:

C Congener has coeluters. When Cxxx, refer to congener number xxx for data
J Value is estimated
U Analyte was analyzed for , but not detected above the specified detection limit.

Blank Population Summary

Method 1668A HRMS Aqueous Analysis for 01-OCT-10 to 31-OCT-10

Analyte	Units	Average	Stdev	MBCV	*
2-Chlorobiphenyl (1)	pg/L	2.88	2	6.88	
3-Chlorobiphenyl (2)	pg/L	3.18	2.31	7.8	
4-Chlorobiphenyl (3)	pg/L	3.37	3.52	10.4	
2,2'-Dichlorobiphenyl (4)	pg/L	15.8	24.2	64.2	
2,3-Dichlorobiphenyl (5)	pg/L	4.92	4.18	13.3	
2,3'-Dichlorobiphenyl (6)	pg/L	3.2	2.95	9.09	
2,4-Dichlorobiphenyl (7)	pg/L	3.21	2.9	9.02	
2,4'-Dichlorobiphenyl (8)	pg/L	4.85	2.6	10.1	
2,5-Dichlorobiphenyl (9)	pg/L	3.86	3.42	10.7	
2,6-Dichlorobiphenyl (10)	pg/L	4.01	3.72	11.5	
3,3'-Dichlorobiphenyl (11)	pg/L	26.1	11	48.1	
3,4-Dichlorobiphenyl (12)	pg/L	3.53	3.01	9.55	
3,5-Dichlorobiphenyl (14)	pg/L	3.46	3.11	9.69	
4,4'-Dichlorobiphenyl (15)	pg/L	3.42	2.8	9.03	
2,2',3-Trichlorobiphenyl (16)	pg/L	2.65	1.25	5.15	
2,2',4-Trichlorobiphenyl (17)	pg/L	3.05	1.41	5.87	
2,2',5-Trichlorobiphenyl (18)	pg/L	6.49	2.42	11.3	
2,2',6-Trichlorobiphenyl (19)	pg/L	2.87	2.3	7.48	
2,3,3'-Trichlorobiphenyl (20)	pg/L	9	3.84	16.7	
2,3,4-Trichlorobiphenyl (21)	pg/L	5.6	2.58	10.8	
2,3,4'-Trichlorobiphenyl (22)	pg/L	2.86	1.34	5.54	
2,3,5-Trichlorobiphenyl (23)	pg/L	1.39	1.1	3.59	
2,3,6-Trichlorobiphenyl (24)	pg/L	1.5	1.21	3.91	
2,3',4-Trichlorobiphenyl (25)	pg/L	2.52	2.99	8.5	
2,3',5-Trichlorobiphenyl (26)	pg/L	1.6	1.1	3.8	
2,3',6-Trichlorobiphenyl (27)	pg/L	1.54	1.22	3.98	
2,4',5-Trichlorobiphenyl (31)	pg/L	8.77	3.25	15.3	
2,4',6-Trichlorobiphenyl (32)	pg/L	2.03	0.769	3.57	
2',3,5-Trichlorobiphenyl (34)	pg/L	1.59	1.23	4.05	
3,3',4-Trichlorobiphenyl (35)	pg/L	1.87	1.41	4.7	
3,3',5-Trichlorobiphenyl (36)	pg/L	1.74	1.31	4.37	
3,4,4'-Trichlorobiphenyl (37)	pg/L	2.51	1.78	6.08	
3,4,5-Trichlorobiphenyl (38)	pg/L	1.84	1.4	4.65	
3,4',5-Trichlorobiphenyl (39)	pg/L	1.74	1.32	4.37	
2,2',3,3'-Tetrachorobiphenyl (40)	pg/L	2.75	1.8	6.35	
2,2',3,4-Tetrachlorobiphenyl (41)	pg/L	4.61	3.07	10.7	
2,2',3,4'-Tetrachlorobiphenyl (42)	pg/L	3.15	2.16	7.46	
2,2',3,5-Tetrachlorobiphenyl (43)	pg/L	3.45	2.32	8.08	
2,2',3,5'-Tetrachlorobiphenyl (44)	pg/L	17.9	7.19	32.3	
2,2',3,6-Tetrachlorobiphenyl (45)	pg/L	4.4	2.91	10.2	
2,2',3,6'-Tetrachlorobiphenyl (46)	pg/L	1.84	1.19	4.23	
2,2',4,5-Tetrachlorobiphenyl (48)	pg/L	3.11	2.05	7.2	
2,2',4,5'-Tetrachlorobiphenyl (49)	pg/L	3.08	1.62	6.31	
2,2',4,6-Tetrachlorobiphenyl (50)	pg/L	5.48	11.6	28.8	
2,2',5,5'-Tetrachlorobiphenyl (52)	pg/L	13.2	4.81	22.8	*
2,2',6,6'-Tetrachlorobiphenyl (54)	pg/L	1.67	1.14	3.96	

Blank Population Summary

Method 1668A HRMS Aqueous Analysis for 01-OCT-10 to 31-OCT-10

Analyte	Units	Average	Stdev	MBCV	*
2,3,3',4-Tetrachlorobiphenyl (55)	pg/L	2	1.28	4.55	
2,3,3',4'-Tetrachlorobiphenyl (56)	pg/L	2.23	1.23	4.69	
2,3,3',5-Tetrachlorobiphenyl (57)	pg/L	2.07	1.3	4.67	
2,3,3',5'-Tetrachlorobiphenyl (58)	pg/L	2.06	1.33	4.72	
2,3,3',6-Tetrachlorobiphenyl (59)	pg/L	2.45	1.51	5.48	
2,3,4,4'-Tetrachlorobiphenyl (60)	pg/L	2.01	1.25	4.52	
2,3,4,5-Tetrachlorobiphenyl (61)	pg/L	10.1	3	16.1	
2,3,4',5-Tetrachlorobiphenyl (63)	pg/L	2.01	1.26	4.52	
2,3,4',6-Tetrachlorobiphenyl (64)	pg/L	2.36	1.57	5.51	
2,3',4,4'-Tetrachlorobiphenyl (66)	pg/L	3.59	1.22	6.02	
2,3',4,5-Tetrachlorobiphenyl (67)	pg/L	1.87	1.17	4.21	
2,3',4,5'-Tetrachlorobiphenyl (68)	pg/L	1.88	1.17	4.22	
2,3',5,5'-Tetrachlorobiphenyl (72)	pg/L	1.95	1.23	4.41	
2,3',5',6-Tetrachlorobiphenyl (73)	pg/L	2.38	1.61	5.59	
3,3',4,4'-Tetrachlorobiphenyl (77)	pg/L	2.3	1.34	4.99	
3,3',4,5-Tetrachlorobiphenyl (78)	pg/L	2.09	1.31	4.7	
3,3',4,5'-Tetrachlorobiphenyl (79)	pg/L	1.85	1.13	4.11	
3,3',5,5'-Tetrachlorobiphenyl (80)	pg/L	1.93	1.2	4.34	
3,4,4',5-Tetrachlorobiphenyl (81)	pg/L	2.25	1.29	4.83	
2,2',3,3',4-Pentachlorobiphenyl (82)	pg/L	2.21	1.47	5.15	
2,2',3,3',5-Pentachlorobiphenyl (83)	pg/L	2.41	1.62	5.64	
2,2',3,3',6-Pentachlorobiphenyl (84)	pg/L	2.45	1.24	4.94	
2,2',3,4,4'-Pentachlorobiphenyl (85)	pg/L	3.58	6.41	16.4	
2,2',3,4,5-Pentachlorobiphenyl (86)	pg/L	8.14	3.6	15.4	
2,2',3,4,6-Pentachlorobiphenyl (88)	pg/L	2.04	1.13	4.31	
2,2',3,4,6'-Pentachlorobiphenyl (89)	pg/L	2.06	1.34	4.75	
2,2',3,4',5-Pentachlorobiphenyl (90)	pg/L	25.8	9.12	44	
2,2',3,5,5'-Pentachlorobiphenyl (92)	pg/L	5.28	6.13	17.5	
2,2',3,5,6-Pentachlorobiphenyl (93)	pg/L	1.94	1.25	4.45	
2,2',3,5,6'-Pentachlorobiphenyl (94)	pg/L	1.97	1.28	4.53	
2,2',3,5',6-Pentachlorobiphenyl (95)	pg/L	18.3	6.66	31.6	*
2,2',3,6,6'-Pentachlorobiphenyl (96)	pg/L	0.785	0.48	1.74	
2,2',3',4,6-Pentachlorobiphenyl (98)	pg/L	2.01	1.12	4.26	
2,2',4,4',5-Pentachlorobiphenyl (99)	pg/L	3.13	3.86	10.8	
2,2',4,5',6-Pentachlorobiphenyl (103)	pg/L	1.79	1.16	4.11	
2,2',4,6,6'-Pentachlorobiphenyl (104)	pg/L	0.879	0.561	2	
2,3,3',4,4'-Pentachlorobiphenyl (105)	pg/L	3.57	4.88	13.3	
2,3,3',4,5-Pentachlorobiphenyl (106)	pg/L	1.58	0.918	3.41	
2,3,3',4',5-Pentachlorobiphenyl (107)	pg/L	1.65	0.957	3.56	
2,3,3',4,5'-Pentachlorobiphenyl (108)	pg/L	1.63	0.93	3.49	
2,3,3',4',6-Pentachlorobiphenyl (110)	pg/L	14.2	5.58	25.3	
2,3,3',5,5'-Pentachlorobiphenyl (111)	pg/L	2.39	3.54	9.48	
2,3,3',5,6-Pentachlorobiphenyl (112)	pg/L	1.4	0.908	3.22	
2,3,4,4',5-Pentachlorobiphenyl (114)	pg/L	2.04	1.23	4.5	
2,3',4,4',5-Pentachlorobiphenyl (118)	pg/L	11.5	7.07	25.6	*
2,3',4,5,5'-Pentachlorobiphenyl (120)	pg/L	1.41	0.924	3.26	

Blank Population Summary

Method 1668A HRMS Aqueous Analysis for 01-OCT-10 to 31-OCT-10

Analyte	Units	Average	Stdev	MBCV	*
2,3',4,5',6-Pentachlorobiphenyl (121)	pg/L	1.44	0.933	3.3	
2',3,3',4,5-Pentachlorobiphenyl (122)	pg/L	1.78	1.03	3.84	
2',3,4,4',5-Pentachlorobiphenyl (123)	pg/L	1.91	1.14	4.2	
3,3',4,4',5-Pentachlorobiphenyl (126)	pg/L	2.07	1.22	4.51	
3,3',4,5,5'-Pentachlorobiphenyl (127)	pg/L	1.65	0.949	3.54	
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	pg/L	2.6	1.64	5.89	
2,2',3,3',4,5-Hexachlorobiphenyl (129)	pg/L	22.3	9.73	41.7	
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	pg/L	3.07	2.27	7.61	
2,2',3,3',4,6-Hexachlorobiphenyl (131)	pg/L	3.16	2.33	7.83	
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	pg/L	7.49	3.48	14.5	
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	pg/L	2.87	2.1	7.06	
2,2',3,3',5,6-Hexachlorobiphenyl (134)	pg/L	3.62	2.76	9.13	
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	pg/L	11	3.93	18.9	
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	pg/L	3.85	1.79	7.42	
2,2',3,4,4',5-Hexachlorobiphenyl (137)	pg/L	2.87	2.15	7.16	
2,2',3,4,4',6-Hexachlorobiphenyl (139)	pg/L	2.62	1.89	6.4	
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	pg/L	5.25	2.37	9.99	
2,2',3,4,5,6-Hexachlorobiphenyl (142)	pg/L	2.92	2.14	7.2	
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	pg/L	2.57	1.84	6.26	
2,2',3,4,5',6-Hexachlorobiphenyl (144)	pg/L	2.22	0.991	4.2	
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	pg/L	1.32	0.886	3.1	
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	pg/L	3.5	1.75	7	
2,2',3,4',5,6-Hexachlorobiphenyl (147)	pg/L	21.7	10.7	43.1	*
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	pg/L	1.69	1.13	3.95	
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	pg/L	1.25	0.833	2.92	
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	pg/L	1.27	0.848	2.97	
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	pg/L	21.8	8.42	38.7	
2,2',4,4',5',6-Hexachlorobiphenyl (154)	pg/L	1.57	1.08	3.74	
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	pg/L	1.27	0.842	2.95	
2,3,3',4,4',5-Hexachlorobiphenyl (156)	pg/L	3.54	1.54	6.63	
2,3,3',4,4',6-Hexachlorobiphenyl (158)	pg/L	2.18	1.54	5.25	
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	pg/L	1.94	1.23	4.4	
2,3,3',4,5,6-Hexachlorobiphenyl (160)	pg/L	2.1	1.55	5.2	
2,3,3',4,5',6-Hexachlorobiphenyl (161)	pg/L	2.07	1.54	5.14	
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	pg/L	1.85	1.18	4.21	
2,3,3',4',5',6-Hexachlorobiphenyl (164)	pg/L	2.06	1.5	5.06	
2,3,3',5,5',6-Hexachlorobiphenyl (165)	pg/L	2.23	1.64	5.51	
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	pg/L	2.31	1.45	5.2	
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	pg/L	2.54	1.58	5.7	
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	pg/L	3.06	1.66	6.37	
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	pg/L	2.65	1.81	6.26	
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	pg/L	2.64	1.88	6.41	
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	pg/L	3.03	1.7	6.43	
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	pg/L	2.25	1.88	6.01	
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	pg/L	1.75	1.44	4.62	
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	pg/L	2.57	1.83	6.23	

Blank Population Summary

Method 1668A HRMS Aqueous Analysis for 01-OCT-10 to 31-OCT-10

Analyte	Units	Average	Stdev	MBCV	*
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	pg/L	4.83	9.24	23.3	*
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	pg/L	2.01	1.21	4.44	
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	pg/L	5.99	3.27	12.5	
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	pg/L	2.39	1.7	5.79	
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	pg/L	2.29	1.92	6.12	
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	pg/L	2.68	1.46	5.59	
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	pg/L	1.62	1.32	4.27	
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	pg/L	1.72	1.4	4.53	
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	pg/L	4.01	1.4	6.81	
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	pg/L	1.82	1.5	4.83	
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	pg/L	3.09	2.09	7.28	
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	pg/L	2.01	1.42	4.85	
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	pg/L	1.96	1.4	4.75	
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	pg/L	2.02	1.42	4.86	
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	pg/L	3.68	2.29	8.26	
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	pg/L	3.8	2.22	8.23	
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	pg/L	2.63	1.68	5.99	
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	pg/L	2.01	1.06	4.13	
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	pg/L	3.09	1.69	6.46	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	pg/L	1.96	1.21	4.38	
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	pg/L	2.13	1.36	4.84	
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	pg/L	2.6	1.42	5.45	
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	pg/L	2	1.24	4.47	
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	pg/L	3.79	2.27	8.33	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	pg/L	5.87	3.82	13.5	
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	pg/L	3.68	2.03	7.74	
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	pg/L	3.99	2.16	8.3	
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (209)	pg/L	6.29	6.69	19.7	

** = PQL adjusted to the MBCV.*

NPDES Permit No. NM0030759

Individual Permit Annual Report

January 1 – December 31, 2010

ATTACHMENT 3

Supporting Documentation for Weapons Facility Operations
High Explosives Health & Safety Work Pause

LA-UR-11-10019

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Los Alamos
NATIONAL LABORATORY
EST. 1943

To/MS: Memo to File
From/MS: Jeff Walterscheid, Stormwater Operations JCW
Field Representative, K490
Phone/Fax: 7-3643/Fax 5-9344
Symbol: N/A
Date: August 06, 2010

memorandum

Stormwater Program

WEAPONS FACILITY OPERATIONS HIGH EXPLOSIVES HEALTH & SAFETY WORK PAUSE

During recent reviews of work scope, work groups and planning processes, opportunities for improving hazard communication in the High Explosives (HE) areas were identified. In July 2010 a health and safety issue was identified by Gerald Vasilik, Weapons Facility Operations (WFO) Industrial Safety during the excavation permit review process. Mr. Vasilik's issue pertained to "10CFR851.22 Hazard Prevention and abatement; (a) Contractors must establish and implement a hazard prevention and abatement process to ensure that all identified and potential hazards are prevented or abated in a timely manner. See sections 1-4 for further detail."

As a result on July 12, 2010 Mike Alexander, ADEP Field Services, mandated a "Pause Work" for all Stormwater activities within WFO in order to re-review work scope and specific geographic areas with area subject matter experts

On July 14, 15, and 20, 2010 WFO representatives, Stormwater representatives, and Field Services representatives met to discuss the HE health and safety issue, current work needs, and a path forward. WFO representatives reviewed all Stormwater work areas to determine which had potential HE issues. In addition, to ensure all area hazards and controls were reinforced and well understood by all workers the following were required.

- All personnel were required to train to course #47709, HE Area Awareness.
- All personnel were required to attend a live HE Awareness briefing conducted by WFO HE Ops and Safety.
- WFO was required to conducted an HE Review of areas where personnel would be working and, if necessary, conduct a walk down of area(s).

Training to course #47709 was completed by personnel prior to July 26, 2010. A live HE Awareness briefing was conducted by WFO including a question and answer session on July 26, 2010. WFO personnel began HE walk downs July 26, 2010 and concluded walk downs on August 2, 2010.

Victor Sandoval, WFO HE Operations, approved Stormwater for a partial return to work in WFO on July 27, 2010. On August 2, 2010, Mr. Sandoval approved Stormwater to return to work at all remaining storm water monitored areas. On August 4, 2010 Mike Alexander gave a verbal release of work from ADEP Field Services to fully resume work in WFO areas.

Due to the safety work pause subcontractors for LANL Stormwater were unable to complete all rain triggered inspections in the WFO area within the 15 day compliance deadline. Inspections were completed as soon as possible following release of work.