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NATIONAL LABORATORY
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Permit

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Date: November 29, 2007
Refer To: EP2007-0718

RECEIVED
DEC 2007
NMED Hazardous Waste Bureau

Ms. Sonia Hall
U.S. Environmental Protection Agency, Region 6
Compliance Assurance and Enforcement Division
Water Enforcement Branch (6EN-WC)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Subject: Submittal of the Federal Facility Compliance Agreement Docket No. CWA-06-2005-1701, and Administrative Order Docket No. CWA-06-2007-1716 at Los Alamos National Laboratory, Permit Application No. NM0030759, Quarterly Status Report (July 1, 2007 to September 30, 2007)

Enclosed for your review is the Quarterly Status Report for Los Alamos National Laboratory in accordance with the Federal Facility Compliance Agreement (FFCA) Docket No. CWA-06-2005-1701, dated February 3, 2005, and the Administrative Order (AO) Docket No. CWA-06-2007-1716 dated November 16, 2006. The Quarterly Status Report includes corrective action activities required under the FFCA and AO for the period from July 1, 2007 through September 30, 2007.

The Quarterly Status Report includes the following:

(1) Overall Progress on FFCA, 3rd Quarter 2007 – July 1, 2007 to September 30, 2007
(2) Table-1, 3rd Quarter 2007 Site-Specific Monitoring Status
(3) Table-2, 3rd Quarter 2007 Watershed-Scale Monitoring Status

Please contact Steve Veenis at (505) 667-0013 (veenis@lanl.gov) or Gene Turner at (505) 667-5794 (gturner@doeal.gov) if you need additional information concerning the status of the Laboratory's corrective action activities.

Sincerely,

Susan G. Stiger, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

Gene Turner
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Los Alamos Site Office

31329

SGS/DRG/PRH/SJV:sm

Enclosure: Quarterly Status Report for Los Alamos National Laboratory

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A. DEADLINES AND MILESTONES

July 26, 2007	EPA Region 6 approval of the 2007 SWMU/SWPPP
July 27, 2007	wSAL Exceedance Report submittal, EPA and NMED
August 28, 2007	wSAL Exceedance Report submittal, EPA and NMED
August 21, 2007	Supplemental Information Submittal to EPA
September 28, 2007	wSAL Exceedance Report submittal, EPA and NMED

OVERALL PROGRESS

- ★ *MONITORING AT 160 SMAS WAS ON-GOING DURING THE 3RD QUARTER OF 2007.*
- ★ *389 RUNOFF SAMPLES WERE COLLECTED AT 110 SITE-SPECIFIC STATIONS DURING 3RD QUARTER.*
- ★ *~230 SITE INSPECTIONS WERE PERFORMED DURING 3RD QUARTER.*
- ★ *WSAL EXCEEDANCES AT 82 SMAS WERE OBSERVED DURING 3RD QUARTER AND ARE BEING ADDRESSED.*
- ★ *SUPPLEMENTAL INFORMATION ON STORM WATER DISCHARGES FROM 289 SITES (2004-2007) SUMMARIZED AND PROVIDED TO EPA*

B. PROGRESS MADE IN MEETING OTHER DEADLINES & MILESTONES

Details of the Site-specific sampling status for the third quarter (Q3) of 2007 are provided in Table 1, *2007 Site-Specific Monitoring Status.* Monitoring is on-going at 162 Site Monitoring Areas (SMAs) in accordance with the detailed sampling plans presented in Attachment 1, Part B, of the 2007 *Storm Water Pollution Prevention Plan for SWMUs and AOCs,* LA-UR-07-1789 (2007 SWMU/SWPPP). The watershed-scale sampling status for Q3 of 2007 is detailed in Table 2, *2007 Watershed-Scale Monitoring Status.*

Highlights of FFCA activities in Q3 of 2007 include

- ✓ 389 storm water runoff samples collected at 110 SMAs;
- ✓ 106 storm water runoff samples collected at 39 watershed gage stations;
- ✓ 258 Site BMP inspections after 0.5 inch rain events and/or sampled events at 188 Sites during July; and
- ✓ wSAL exceedances inspections at 41 SMAs.

(Note: Some of the SMA samples are also watershed samples where gage stations are used for both purposes.)

On July 26, 2007 EPA Region 6 approved the 2007 SWMU/SWPPP submitted by DOE/LANL as required by the FFCA. As a result of that approval, LANL implemented the approved changes effective August 2007. Per Section 3.1.3.2.1 of the approved SWMU/SWPPP, LANL discontinued monitoring at two SMAs during Q3: 2M-SMA-1.4 and W-SMA-3. Site 03-009(d) is the only Site associated with 2M-SMA-1.4 and has been approved for 'No Further Action' under Criterion 2 by the New Mexico Environment Department. Site 16-006(g) is the only Site associated with W-SMA-3 and has been certified for 'No Exposure' to storm water.

C. CORRECTIVE ACTIONS TAKEN TO ADDRESS WSAL EXCEEDANCES

The FFCA at paragraph ¶ 24 requires DOE to provide a quarterly status report on corrective actions taken to address wSAL exceedances. Specifically, the FFCA requires DOE to review data from storm water monitoring conducted at the SMAs. Where results are above water screening action levels (wSAL), LANL is required to conduct an investigation to determine the source within 30 days of receipt of the data (this report reflects data received from July 1 through September 30, 2007), and evaluate BMPs in accordance with the FFCA to determine if corrective action is required. For purposes of the FFCA, corrective action may include: install, re-examine,

repair, modify BMPs, or source identification to control or eliminate the source or migration of pollutants or contaminants. The reported wSAL exceedances observed at SMAs are summarized in Section C1.

In addition to conducting visual Site inspections (Section C2), the Laboratory is conducting source identification and remediation activities (Section C3), developing a corrective action plan for engineered control installation (Section C4) and statistical methods for source identification (Section C5).

C1. wSAL EXCEEDANCES OBSERVED AT SMAs

For the Q1 (January through March), Q2 (April through June), and Q3 (July through September) monitoring periods, the number of SMAs for which wSAL exceedances were observed in one or more samples is summarized below for the major canyon drainage systems. For samples collected during Q1, Q2, and Q3, wSAL exceedances were observed at 6 SMAs, 34 SMAs, and 82 SMAs, respectively.

Watershed	Number of SMAs with wSAL Exceedances				
	Q1	Q2	Q3	Q4	Total*
Los Alamos/Pueblo Canyons	2	13	11		**18**
Sandia Canyon	1	7	6		**8**
Mortandad Canyon	2	8	18		**21**
Pajarito Canyon	1	4	19		**21**
Water Canyon/Canon de Valle	No samples	1	23		**23**
Ancho Canyon	No samples	1	1		**2**
Chaquehui Canyon	No samples	No samples	4		**4**
Subtotal	**6**	**34**	**82**		**97**

* Total will not equal the sum of each quarter if wSAL exceedances are observed at the same SMA(s) in more than one quarter.

C2. wSAL EXCEEDANCE SITE INSPECTIONS

The Laboratory performed visual Site inspections at each SMA where wSAL exceedances are observed. The wSAL exceedance inspections include the following items.

- Comparing existing data to appropriate wSAL
- Inspecting the condition of existing Site structural BMPs to determine whether maintenance is required.
- Inspecting the Site for visual evidence of: storm water runoff; excessive erosion; non-storm water discharges.
- Appraisal of whether existing BMPs are adequate for sediment control and erosion control at the Site, and recommendations for additional BMP installations.
- Installing new Site controls where evidence of flow or sediment migration is occurring.

During Q3, LANL conducted inspections at 41 SMAs in response to reported wSAL exceedances per the requirements of the 2007 SWMU/SWPPP. Details of the Q3 wSAL inspections and actions within the related SMAs are provided in Table 3, *2007 wSAL Exceedances and Corrective Action Status*, and further discussed in Section D2.

C3. SOURCE IDENTIFICATION ACTIVITIES

During Q3, LANL initiated soil characterization activities at the location of the former Omega West Reactor facility in upper Los Alamos Canyon per the requirements of the 2005 Order on Consent. The characterization activities encompass the nine Sites included in LA-SMA-5.5. The purpose of the soil characterization field work is to identify whether soil contamination remains following the 2004 decommissioning and decontamination project.

C4. ENGINEERED CONTROLS AND CORRECTIVE ACTION PLAN DEVELOPMENT

LANL has identified a number of Sites that may benefit from enhanced Site controls to manage storm water discharges from the SMA. Engineered controls are being considered at approximately 14 SMAs affecting more than 20 Sites. These enhanced controls will provide greater control over the storm water discharge onto or off of the associated Sites and greatly reduce or eliminate discharges from the SMAs. During Q3, a consulting engineer visited these sites as a preliminary step to developing a more comprehensive approach to the deployed site controls. Details of the proposed engineer controls at these SMAs will be provided in developed Corrective Action Plans for each of the affected SMAs.

C5. USE OF STATISTICS TO IDENTIFY PRIORITY SITES FOR CORRECTIVE ACTIONS

Total contaminant concentrations greater than wSAL values can be found in high turbidity runoff samples. To develop efficient and proactive BMPs, the Laboratory must determine if the contaminant concentrations are due to Laboratory operations or due to natural or background sources. Local soils, geology, and weather patterns combine to produce naturally elevated and highly variable sediment loads, whether in storm water runoff from Sites, natural runoff (hillslope processes), or receiving waters (channel processes).

To aid management decisions, it is important to identify the presence and magnitude of these background effects on water quality so that point and non-point sources that need to be managed may be distinguished from natural processes that cannot be controlled. An analysis of site monitoring data that incorporates background contributions is necessary to prioritize corrective actions such as BMP implementation, as well as track water quality changes over time at Sites that are subject to corrective action.

In response to this need, the Laboratory is developing a methodology to statistically characterize background conditions for metals and radionuclides in storm flow. Background conditions are those attributable only to non-Laboratory sources. Statistical correlations between total contaminant concentrations and suspended sediment concentrations (SSC) or surrogate (suspended aluminum) concentrations are established using sample results from locations upstream of and/or unaffected by Laboratory operations. Once the statistical associations are established, background ranges of metals or radionuclides can be predicted for a water sample in which the suspended solids (or surrogate) concentration is known. The statistical relationships allow us to account for (normalize) the amount of background metal concentrations in the water samples and, in turn, identify possible Laboratory impacts. The comparison with background helps establish priorities for BMP installation or other appropriate corrective actions.

D. DESCRIPTION OF MATTERS RELEVANT TO STATUS OF COMPLIANCE

D1. VISUAL MONITORING ACTIVITIES

Visual monitoring is conducted pursuant to the MSGP under EPA's approved 2007 SMWU/SWPPP at FFCA gage stations and SMAs. The Facility is required to obtain four (4) samples on an annual basis (i.e., on or before December 31, 2007). Quarterly monitoring is not required under the MSGP because the Laboratory has a general waiver that allows collection of four samples annually due to weather conditions that do not allow for sampling to be spaced evenly during the year (§ 5.3.1). Four annual samples are also authorized under the FFCA. In addition, the majority of the Sites are located in areas that are unstaffed, inactive, and cannot be feasibly reached within 30 minutes of a qualifying storm event. 'No flow' certifications are prepared and filed on a quarterly basis for those stations that did not have a qualifying storm event and thus were unable to collect a sample (i.e., insufficient flow to produce a discharge in volumes large enough to allow sample collection).

Visual monitoring efforts at the watershed-scale gage stations during Q3 were ahead of schedule, and several stations have collected the requisite annual sampling of four or more samples. During Q3, a total of 106 visual monitoring samples were collected at 39 stations, and 26 stations had four or more samples collected, meeting the annual requirements.

Site-specific monitoring was conducted at 160 SMAs using 165 stations (including gage stations also used for watershed-scale monitoring). During Q3, a total of 389 samples were collected at 110 SMA stations, and 57 SMA stations had four or more samples collected, meeting the annual requirements.

D2. BMP INSPECTION AND MAINTENANCE

In the 2005 SWMU/SWPPP, the Laboratory proposed routine inspections to be conducted "after 0.5-inch rain events and/or sampled events." In the 2007 SWMU/SWPPP, the Laboratory requested that routine Site inspections be conducted only following receipt of sample data that indicates wSAL exceedances, as required by the FFCA. The Laboratory maintains that routine site inspections based on the FFCA requirements to inspect "after wSAL exceedances" provides adequate protection and will enable the facility to operate its storm water management program more effectively and efficiently to meet the mandates of the FFCA.

During the month of July, the Laboratory continued to conduct routine site inspections after 0.5-inch rain events and sampled events per the approved 2005 SWMU/SWPPP. LANL conducted approximately 258 Site BMP inspections after 0.5 inch rain events and/or sampled events at 188 Sites during July. As a result of the inspections, BMPs at 2 Sites were found to require maintenance. Maintenance at these Sites was performed in a timely manner as required by the MSGP and 2005 SWMU/SWPPP.

Upon approval of the 2007 SWMU/SWPPP on July 26, 2007, LANL discontinued the inspections triggered by rain or sample events, and implemented monthly wSAL exceedances inspections beginning in August 2007. During August, inspections were conducted at 21 SMAs for which wSAL exceedances were reported during Q1 and Q2. During September, LANL conducted monthly wSAL inspections at 20 SMAs for which wSAL exceedances were reported in August per the requirements of the 2007 SWMU/SWPPP.

Details of the Q3 wSAL inspections and actions within the related SMAs are provided in Table 3, *2007 wSAL Exceedances and Corrective Action Status*. As a result of the wSAL inspections, BMPs at 5 SMAs were found to require maintenance or repair to the existing controls at the SMA. An additional 30 SMAs had new installations of site controls to enhance the existing controls at these Sites. Response actions at these Sites were performed in a timely manner as required by the MSGP and 2007 SWMU/SWPPP.

D3. NPDES INDIVIDUAL PERMIT APPLICATION ACTIVITIES

On August 21, 2007, LANL submitted Supplemental Information that includes updated storm water discharge information for FFCA/AO SMAs intended to update the previously submitted information (NPDES Permit Application Number NM0030759) contained in Section VII of EPA Form 2F. The Supplemental Information consists of monitoring data collected during the period July 2004 through June 2007 at SMAs from 289 FFCA/AO SWMUs and AOCs.

LANL hosted a meeting with the EPA Region 6 technical personnel on September 4 and 5 to identify additional information required for permit development and discuss the schedule for issuance of a draft permit.

LANL continued progress in assessing Clean Water Act (CWA) criteria to determine applicability for inclusion of Sites in the Facility's Storm Water Individual Permit. CWA criteria evaluated include: identification of point source discharges; determination of exposure to storm water; review of terminus point; and assessment of significant industrial materials. CWA criteria assessments and comprehensive field evaluations were completed at approximately 500 Sites during Q3. Sites were assessed or re-assessed for erosion potential during these field evaluations. Formal documentation packages of these activities and a listing of Sites recommended for permitting will be submitted to the EPA during Q1 2008.

TABLE 1– 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Ancho	A-SMA-1	SS2731	ACTIVE	2005	39-004(a) 39-004(d)	na	0	0		0	N	No flow / insufficient flow in Q2.
Ancho	A-SMA-2	SS2732	ACTIVE	2005	39-004(b) 39-004(e)	na	0	1		1	N	No flow / insufficient flow in Q2.
Ancho	A-SMA-3	E273.7	ACTIVE	2005	39-004(c)	0	1	0		1	N	
Ancho	A-SMA-4	SS276	ACTIVE	2006	33-010(d)	na	0	0		0	N	No flow / insufficient flow in Q3.
Ancho	A-SMA-5	SS320	ACTIVE	2006	33-010(b)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Ancho	A-SMA-6	SS310	ACTIVE	2006	33-010(a)	na	0	1		1	N	
Chaquehui	CHQ-SMA-1	SS3397	ACTIVE	2006	33-004(h) 33-008(c) 33-015 C-33-001 C-33-003	na	0	1		1	N	No flow / insufficient flow in Q2.
Chaquehui	CHQ-SMA-2	SS3374	ACTIVE	2006	33-004(d) 33-005(a) 33-005(b) 33-005(c) C-33-003	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Chaquehui	CHQ-SMA-3	SS3397	ACTIVE	2006	33-010(f)	na	0	0		0	N	No flow / insufficient flow in Q3.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Chaquehui	CHQ-SMA-4	SS3375	ACTIVE	2006	33-016	na	0	1		1	N	
Chaquehui	CHQ-SMA-4.5	SS341	ACTIVE	2006	33-011(b)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Chaquehui	CHQ-SMA-5	SS3376	ACTIVE	2006	33-007(b)	na	1	3		4	Y	
Chaquehui	CHQ-SMA-6	SS3377	ACTIVE	2006	33-004(j)	na	0	3		3	N	No flow / insufficient flow in Q2.
					33-006(a)							
					33-007(b)							
					33-010(c)							
					33-010(g)							
Chaquehui	CHQ-SMA-7	SS342	ACTIVE	2006	33-010(g)	na	0	2		2	N	No flow / insufficient flow in Q2.
Bayo	B-SMA-1	SS067	ACTIVE	2004	00-011(d)	na	0	2		2	N	No flow / insufficient flow in Q2.
Los Alamos	DP-SMA-0.3	SS0375	ACTIVE	2005	21-029	na	2	2		4	Y	
Los Alamos	DP-SMA-0.9	SS0388	ACTIVE	2005	21-011(c)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
					21-016(a)							
					21-016(b)							
					21-016(c)							
Los Alamos	DP-SMA-1	SS0385	ACTIVE	2004	21-011(k)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Los Alamos	DP-SMA-2	SS0387	ACTIVE	2005	21-024(h)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Los Alamos	LA-SMA-1 (A)	SS0263	ACTIVE	2004	00-017	na	0	0		0	N	No flow / insufficient flow in Q2.
Los Alamos	LA-SMA-1 (B)	SS0264	ACTIVE	2004	00-017	na	0	1		1	N	
Los Alamos	LA-SMA-1.2	SS02645	ACTIVE	2005	C-43-001	na	1	4		5	Y	
Los Alamos	LA-SMA-1.5(S)	SS02653(S)	ACTIVE	2005	00-030(i)	na	4	1		5	Y	

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Los Alamos	LA-SMA-2	SS0265	ACTIVE	2004	01-001(f)	na	4	2		6	Y	
Los Alamos	LA-SMA-3	SS0266	ACTIVE	2004	01-003(a)	na	1	6		7	Y	
Los Alamos	LA-SMA-4	SS0267	ACTIVE	2004	01-001(c) 01-006(b) 01-006(c) 01-006(d) 01-006(n)	na	4	0		4	Y	Monitoring completed during Q2.
Los Alamos	LA-SMA-5	SS0268	ACTIVE	2004	01-001(d) 01-003(e)	na	1	3		4	Y	
Los Alamos	LA-SMA-5.2	SS026805	ACTIVE	2005	01-003(d)	na	0	2		2	N	No flow / insufficient flow in Q2.
Los Alamos	LA-SMA-5.3	SS02681	ACTIVE	2005	C-41-004	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Los Alamos	LA-SMA-5.4	SS02683	ACTIVE	2005	32-004	na	2	5		7	Y	
Los Alamos	LA-SMA-5.5	E026.85	ACTIVE	2005	02-003(a) 02-003(e) 02-006(b) 02-007 02-008(a) 02-009(a) 02-009(b) 02-009(c) 02-011(a)	2	5	1		8	Y	

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Los Alamos	LA-SMA-5.9	SS02689	ACTIVE	2006	21-013(b) 21-013(g) 21-027(d)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Los Alamos	LA-SMA-6	SS0269	ACTIVE	2005	21-024(e)	na	0	0		0	N	No flow / insufficient flow in Q2.
Los Alamos	LA-SMA-6.3	SS028	ACTIVE	2005	21-027(a)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Los Alamos	LA-SMA-6.5	SS0287	ACTIVE	2005	21-024(i)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Los Alamos	LA-SMA-9	SS0304	ACTIVE	2004	26-001	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Los Alamos	LA-SMA-10	SS037	ACTIVE	2004	53-002(a) 53-008	na	0	2		2	N	No flow / insufficient flow in Q2.
Pueblo	ACID-SMA-1	SS0553	ACTIVE	2007	00-030(g)	na	3	2		5	Y	
Pueblo	ACID-SMA-2	E055.5	ACTIVE	2004	01-002(b)-00 45-001 45-004	1	3	1		5	Y	
		E056	ACTIVE	2004	01-002(b)-00 45-001 45-004	0	2	2		4	Y	No flow / insufficient flow in Q1.
Pueblo	P-SMA-1	SS058	ACTIVE	2004	73-001(a) 73-004(d)	na	0	3		3	N	No flow / insufficient flow in Q2.
Pueblo	P-SMA-2	SS057	ACTIVE	2005	73-002 73-006	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Pueblo	P-SMA-2.2	SS0575	ACTIVE	2005	00-019	na	0	2		2	N	No flow / insufficient flow in Q2.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Pueblo	P-SMA-3	SS054	ACTIVE	2005	00-018(a)	na	0	2		2	N	
Rendija	R-SMA-1	SS00	ACTIVE	2005	C-00-041	na	4	1		5	Y	
Canada del Buey	CDB-SMA-0.1	SS2165	ACTIVE	2006	04-003(a) 04-004	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canada del Buey	CDB-SMA-0.2	SS217	ACTIVE	2006	46-004(c2)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canada del Buey	CDB-SMA-0.5	SS2171	ACTIVE	2006	46-004(g) 46-004(m)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canada del Buey	CDB-SMA-1	SS2185	ACTIVE	2004	46-003(a) 46-004(d2) 46-004(s) 46-004(t) 46-008(g) 46-009(a) C-46-001	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canada del Buey	CDB-SMA-1.1	SS2172	ACTIVE	2007	46-004(y) 46-004(z) 46-006(d)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canada del Buey	CDB-SMA-1.3	SS2174	ACTIVE	2006	46-004(a2) 46-004(u) 46-004(v) 46-004(x) 46-006(d)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Canada del Buey	CDB-SMA-1.5	SS2175	ACTIVE	2006	46-004(h) 46-004(q) 46-006(d)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canada del Buey	CDB-SMA-1.6	SS2183	ACTIVE	2006	46-003(b) 46-003(e)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canada del Buey	CDB-SMA-1.7	SS2189	ACTIVE	2006	46-005	na	2	2		4	Y	
Canada del Buey	CDB-SMA-2	SS2188	ACTIVE	2004	46-002 46-009(b)	na	0	1		1	N	No flow / insufficient flow in Q2.
Canada del Buey	CDB-SMA-4	E227	ACTIVE	2004	54-017 54-018 54-020	0	0	1		1	N	No flow / insufficient flow in Q1, Q2.
Mortandad	M-SMA-1	SS198	ACTIVE	2004	03-054(e)	na	0	4		4	Y	No flow / insufficient flow in Q2.
Mortandad	M-SMA-2	SS1984	ACTIVE	2004	48-007(f)	na	0	4		4	Y	No flow / insufficient flow in Q2.
Mortandad	M-SMA-3	SS1985	ACTIVE	2004	48-007(c)	na	0	4		4	Y	No flow / insufficient flow in Q2.
Mortandad	M-SMA-3.1	SS192	ACTIVE	2006	48-007(b)	na	2	4		6	Y	
Mortandad	M-SMA-3.5	SS193	ACTIVE	2006	48-003	na	0	4		4	Y	No flow / insufficient flow in Q2.
Mortandad	M-SMA-4	SS1987	ACTIVE	2004	48-007(a) 48-007(d) 48-010	na	1	4		5	Y	

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Mortandad	M-SMA-5	SS199	ACTIVE	2004	42-001(a) 42-001(b) 42-001(c) 42-002(a) 42-002(b)	na	0	5		5	Y	No flow / insufficient flow in Q2.
Mortandad	M-SMA-6	SS1991	ACTIVE	2004	35-016(h)	na	3	5		8	Y	
Mortandad	M-SMA-7	SS1992	ACTIVE	2004	35-016(g) 35-016(h)	na	0	2		2	N	No flow / insufficient flow in Q2.
Mortandad	M-SMA-8	E200	ACTIVE	2004	50-006(d)	1	3	1		5	Y	
Mortandad	M-SMA-9	SS2001	ACTIVE	2004	35-016(f)	na	0	4		4	Y	No flow / insufficient flow in Q2.
Mortandad	M-SMA-10	SS2002	ACTIVE	2004	35-008 35-014(e) 35-016(e)	na	0	2		2	Y	No flow / insufficient flow in Q2.
Mortandad	M-SMA-10.3	SS20025	ACTIVE	2006	35-014(e2) 35-016(i)	na	5	3		8	Y	
Mortandad	M-SMA-11	SS2003	ACTIVE	2004	35-016(o)	na	1	4		5	Y	
Mortandad	M-SMA-12	SS2004	ACTIVE	2004	35-016(p)	na	0	1		1	N	No flow / insufficient flow in Q2.
Mortandad	M-SMA-12.5	SS2055	ACTIVE	2007	05-005(b) 05-006(c)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Mortandad	M-SMA-12.6	SS2058	ACTIVE	2007	05-004	na	0	1		1	N	No flow / insufficient flow in Q2.
Mortandad	M-SMA-12.7	SS2023	ACTIVE	2007	05-005(a) 05-006(b) 05-006(e)	na	0	1		1	N	No flow / insufficient flow in Q2.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Mortandad	M-SMA-12.8	SS2024	ACTIVE	2007	05-001(a)	na	0	1		1	N	No flow / insufficient flow in Q2.
Mortandad	M-SMA-12.9	SS2032	ACTIVE	2007	05-001(b) 05-006(h)	na	0	0		0	N	No flow / insufficient flow in Q2. Sampler malfunction during Q3 (intake buried by sediment during runoff event).
Mortandad	M-SMA-13	SS205	ACTIVE	2004	05-001(c)	na	0	3		3	N	No flow / insufficient flow in Q2.
Mortandad	Pratt-SMA-1	SS20142	ACTIVE	2004	35-003(d) 35-003(h) 35-003(l) 35-003(p) 35-003(q) 35-003(r) 35-004(h) 35-016(k) 35-016(l) 35-016(m)	na	0	1		1	N	No flow / insufficient flow in Q2.
Mortandad	T-SMA-1	E201.3	ACTIVE	2004	50-006(a) 50-009	2	5	0		7	Y	
Mortandad	T-SMA-2.8	SS20133	ACTIVE	2006	35-016(n)	na	0	1		1	N	No flow / insufficient flow in Q2.
Mortandad	T-SMA-3	SS20134	ACTIVE	2004	35-016(b)	na	3	2		5	Y	
Mortandad	T-SMA-4	SS20136	ACTIVE	2004	35-016(c) 35-016(d)	na	0	2		2	N	No flow / insufficient flow in Q2.
Mortandad	T-SMA-5	SS20138	ACTIVE	2004	35-016(a)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Mortandad	T-SMA-6	SS20140	ACTIVE	2004	35-016(q)	na	0	1		1	N	No flow / insufficient flow in Q2.
Mortandad	T-SMA-7	SS20143	ACTIVE	2006	04-001 04-002 04-003(b)	na	0	5		5	N	No flow / insufficient flow in Q2.
Pajarito	2M-SMA-1	SS2432	ACTIVE	2005	03-010(a)	na	2	1		3	N	
Pajarito	2M-SMA-1.4	S2433	ACTIVE	2006	03-009(d)	na	0	na		na	na	Site 03-009(d) has received formal NFA approval; monitoring discontinued as of August 2007 per approved 2007 SWMU/ SWPPP.
Pajarito	2M-SMA-1.5	SS2436	ACTIVE	2007	22-014(b)	na	0	0		0	N	No flow / insufficient flow in Q2.
Pajarito	2M-SMA-1.6	SS2437	ACTIVE	2007	06-007(g)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Pajarito	2M-SMA-1.7	SS2434	ACTIVE	2007	03-055(a)	na	6	2		8	Y	
Pajarito	2M-SMA-2	E243.5	ACTIVE	2005	03-054(b)	2	3	1		6	Y	
Pajarito	2M-SMA-3	SS2439	ACTIVE	2005	07-001(b) 07-001(c) 07-001(d)	na	0	0		0	N	No flow / insufficient flow in Q2.
Pajarito	3M-SMA-0.5	SS2459	ACTIVE	2005	15-006(c) 15-009(c)	na	0	0		0	N	No flow / insufficient flow in Q2.
Pajarito	3M-SMA-0.6	SS2457	ACTIVE	2005	15-008(b)	na	0	0		0	N	No flow / insufficient flow in Q2.
Pajarito	3M-SMA-3	SS24599	ACTIVE	2007	36-008 C-36-003	na	0	0		0	N	
Pajarito	PJ-SMA-1	SS2405	ACTIVE	2005	09-013	na	0	7		7	Y	No flow / insufficient flow in Q2.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Pajarito	PJ-SMA-2	SS2422	ACTIVE	2007	09-009	na	0	4		4	Y	No flow / insufficient flow in Q2.
Pajarito	PJ-SMA-3	SS24253	ACTIVE	2007	09-004(o)	na	0	3		3	N	No flow / insufficient flow in Q2.
Pajarito	PJ-SMA-4	SS24253	ACTIVE	2005	09-004(g)	na	0	4		4	Y	No flow / insufficient flow in Q2.
					09-005(g)							
Pajarito	PJ-SMA-5	SS24210	ACTIVE	2007	22-015(c)	na	0	2		2	N	No flow / insufficient flow in Q2.
Pajarito	PJ-SMA-6	SS24255	ACTIVE	2007	40-010	na	0	5		5	Y	No flow / insufficient flow in Q2.
Pajarito	PJ-SMA-7	SS24210	ACTIVE	2005	40-006(c)	na	0	4		4	Y	No flow / insufficient flow in Q2.
Pajarito	PJ-SMA-8	SS2426	ACTIVE	2005	40-006(b)	na	0	2		2	N	No flow / insufficient flow in Q2.
Pajarito	PJ-SMA-9	SS24210	ACTIVE	2007	40-009	na	0	6		6	Y	No flow / insufficient flow in Q2.
Pajarito	PJ-SMA-10	SS2428	ACTIVE	2007	40-006(a)	na	0	1		1	N	No flow / insufficient flow in Q2.
Pajarito	PJ-SMA-11(E)	SS24285E	ACTIVE	2007	40-003(b)	na	0	2		2	N	
Pajarito	PJ-SMA-11(W)	SS24285W	ACTIVE	2007	40-003(a)	na	0	2		2	N	
Pajarito	PJ-SMA-14	SS2465	ACTIVE	2007	54-004	na	0	0		0	N	
Pajarito	PJ-SMA-15	E248	ACTIVE	2004	54-014(d)	0	0	1		1	N	No flow / insufficient flow in Q2.
		E248.5			54-017	0	0	3		3	N	No flow / insufficient flow in Q1, Q2.
		E249			54-018	0	0	1		1	N	No flow / insufficient flow in Q1, Q2.
		249.5			54-020	1	3	1		5	Y	
Pajarito	PJ-SMA-E250	E250	ACTIVE	2005	18-003(c)	1	0	1		2	N	
					18-010(d)							
					18-010(f)							
					18-012(a)							
					18-012(b)							
Pajarito	STRM-SMA-1	SS2412	ACTIVE	2007	08-009(f)	na	0	4		4	Y	

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Pajarito	STRM-SMA-1.5	SS2411	ACTIVE	2007	08-009(d)	na	1	3		4	Y	
Pajarito	STRM-SMA-2	SS2416	ACTIVE	2007	08-005	na	0	5		5	Y	No flow / insufficient flow in Q2.
Pajarito	STRM-SMA-3	SS2414	ACTIVE	2007	08-006(a)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Pajarito	STRM-SMA-4	SS2418	ACTIVE	2007	09-005(a)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Pajarito	STRM-SMA-5	SS2419	ACTIVE	2007	09-013	na	2	6		8	Y	
Sandia	S-SMA-0.2	SS1219	ACTIVE	2006	03-013(a)	na	3	4		7	Y	
					03-013(b)							
					03-052(f)							
Sandia	S-SMA-1	E122	ACTIVE	2004	03-003(m)	1	3	1		5	Y	
					03-009(a)							
					03-029							
		E122.2	ACTIVE	2004	03-003(m)	1	4	1		6	Y	
					03-009(a)							
					03-029							
Sandia	S-SMA-2	E121	ACTIVE	2004	03-012(b)	0	2	3		5	Y	
					03-045(b)							
					03-045(c)							
					03-056(c)							
Sandia	S-SMA-3.5	SS12293	ACTIVE	2005	03-014(b2)	na	5	3		8	Y	
					03-014(c2)							
Sandia	S-SMA-3.6	SS12255	ACTIVE	2006	60-007(b)	na	6	3		9	Y	

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Sandia	S-SMA-3.9	SS1235	ACTIVE	2005	20-002(a)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Sandia	S-SMA-4	SS1238	ACTIVE	2004	53-014	na	4	2		6	Y	
Sandia	S-SMA-5	SS1245	ACTIVE	2004	20-002(c)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Sandia	S-SMA-5.1	SS1247	ACTIVE	2006	20-003(c)	na	0	2		2	N	No flow / insufficient flow in Q2.
Sandia	S-SMA-6	SS1248	ACTIVE	2004	72-001	na	2	2		4	Y	
Canyon de Valle	CDV-SMA-0.5	SS2565	ACTIVE	2006	16-029(s)	na	0	2		2	N	No flow / insufficient flow in Q2.
					16-029(t)							
Canyon de Valle	CDV-SMA-1	SS254	ACTIVE	2005	16-001(a)	na	0	2		2	N	No flow / insufficient flow in Q2.
					16-001(b)							
					16-001(c)							
Canyon de Valle	CDV-SMA-1.4	SS2542	ACTIVE	2005	16-016(d)	na	0	4		4	Y	No flow / insufficient flow in Q2.
					16-020							
Canyon de Valle	CDV-SMA-1.5	SS2545	ACTIVE	2005	16-026(j)	na	0	4		4	Y	No flow / insufficient flow in Q2.
Canyon de Valle	CDV-SMA-1.7	SS2547	ACTIVE	2005	16-019	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canyon de Valle	CDV-SMA-2	SS255	ACTIVE	2005	16-021(c)	na	0	5		5	Y	No flow / insufficient flow in Q2.
Canyon de Valle	CDV-SMA-2.4	SS2557	ACTIVE	2005	16-010(b)	na	0	3		3	N	No flow / insufficient flow in Q2.
					16-016(c)							
					16-018							
Canyon de Valle	CDV-SMA-2.5	E257	ACTIVE	2007	16-010(c)	1	1	5		7	Y	
					16-010(d)							
					16-028(a)							
Canyon de Valle	CDV-SMA-3	SS25605	ACTIVE	2007	14-009	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Canyon de Valle	CDV-SMA-4	SS25610	ACTIVE	2007	14-002(a) 14-010	na	0	1		1	N	No flow / insufficient flow in Q2.
Canyon de Valle	CDV-SMA-5	E256.5	ACTIVE	2007	14-005	0	0	2		2	N	No flow / insufficient flow in Q2.
Canyon de Valle	CDV-SMA-6	SS25620	ACTIVE	2005	14-001(g) 14-002(d) 14-002(e) 14-006	na	0	3		3	N	No flow / insufficient flow in Q2.
Canyon de Valle	CDV-SMA-7	SS252625	ACTIVE	2007	15-008(d)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canyon de Valle	CDV-SMA-8	SS25630	ACTIVE	2007	15-011(b) 15-011(c) 15-014(g) 15-014(j) C-15-007	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Canyon de Valle	CDV-SMA-9	SS258	ACTIVE	2007	15-007(b)	na	0	3		3	N	No flow / insufficient flow in Q2.
Fence	F-SMA-1	SS2659	ACTIVE	2005	36-004(b)	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.
Fence	F-SMA-2	E267.4	ACTIVE	2005	36-004(c) 36-005	na	0	0		0	N	
Potrillo	PT-SMA-0.5	SS26565	ACTIVE	2007	15-009(e) C-15-004	na	0	0		0	N	No flow / insufficient flow in Q2, Q3.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Potrillo	PT-SMA-1	SS2657	ACTIVE	2007	15-008(a)	na	0	3		3	N	No flow / insufficient flow in Q2.
Potrillo	PT-SMA-2	SS2658	ACTIVE	2007	15-008(f) 36-003(b) 36-004(e) C-36-001	na	0	0		0	N	No flow / insufficient flow in Q2.
Potrillo	PT-SMA-3	E266	ACTIVE	2005	36-004(a) 36-006	0	0	0		0	N	No flow / insufficient flow in Q2.
Potrillo	PT-SMA-4	SS2665	ACTIVE	2007	36-001	na	0	0		0	N	No flow / insufficient flow in Q3.
Water	W-SMA-1	SS25203	ACTIVE	2005	16-026(c2) 16-026(v)	na	1	3		4	Y	
Water	W-SMA-2	SS25205	ACTIVE	2005	16-028(e)	na	0	3		3	N	No flow / insufficient flow in Q2.
Water	W-SMA-3	SS2527	ACTIVE	2007	16-006(g)	na	0	na		na	na	Site 16-006(g) certified for no exposure in 2006; monitoring discontinued August 2007 per approved 2007 SWMU/SWPPP.
Water	W-SMA-4	E252.5	ACTIVE	2005	16-003(a)	0	0	1		1	N	
Water	W-SMA-5	SS2528	ACTIVE	2005	16-003(f) 16-026(z)	na	1	4		5	Y	
Water	W-SMA-6	SS2522	ACTIVE	2007	11-001(c)	na	0	7		7	Y	
Water	W-SMA-7	SS25243	ACTIVE	2005	16-026(h2)	na	0	4		4	Y	No flow / insufficient flow in Q2.

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Water	W-SMA-8	SS2523	ACTIVE	2005	16-006(c)	na	0	4		4	Y	No flow / insufficient flow in Q2.
					16-016(g)							
					16-026(a)							
					16-028(b)							
Water	W-SMA-9	SS2524	ACTIVE	2005	16-030(g)	na	0	0		0	N	No flow / insufficient flow in Q2.
Water	W-SMA-10	SS25245	ACTIVE	2005	11-003(b)	na	0	3		3	N	No flow / insufficient flow in Q2.
					11-004(a)							
					11-004(b)							
					11-004(c)							
					11-004(d)							
					11-004(e)							
					11-004(f)							
					11-005(c)							
					11-006(b)							
					11-006(c)							
					11-006(d)							
Water	W-SMA-11	SS2529	ACTIVE	2005	11-004(a)	na	0	3		3	N	No flow / insufficient flow in Q2.
					11-004(b)							
					11-004(c)							
					11-004(d)							
					11-004(e)							
					11-004(f)							

TABLE 1, CONT'D. 2007 SITE-SPECIFIC MONITORING STATUS

Watershed	SMA	Station	SMA Sampling Status	Monitoring Year Start	Site ID	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
						Q1*	Q2	Q3	Q4	Total		
Water	W-SMA-12	SS26237	ACTIVE	2006	49-001(g)	na	0	1		1	N	No flow / insufficient flow in Q2.
Water	W-SMA-13	SS26234	ACTIVE	2006	49-001(a)	na	1	4		5	Y	
Water	W-SMA-14	SS26231	ACTIVE	2007	15-010(c)	na	1	1		2	N	
Water	W-SMA-15	SS2624	ACTIVE	2006	49-005(a)	na	0	0		0	N	No flow / insufficient flow in Q2.

* During Q1 Site-specific samplers were disassembled to protect equipment from damage and breakage during the winter months.

TABLE 2 – 2007 WATERSHED-SCALE MONITORING STATUS

Station	Station Name	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
		Q1*	Q2	Q3	Q4	Total		
E026	Los Alamos below Ice Rink	1	1	0		2	N	No flow / insufficient flow in Q3.
E026.85	Los Alamos below Omega West	2	5	1		8	Y	Monitoring requirements completed during Q3.
E030	Los Alamos above DP Canyon	1	6	1		7	Y	Monitoring requirements completed during Q2.
E038	DP above TA-21	0	4	1		5	Y	Monitoring requirements completed during Q3.
E039	DP below Meadow at TA-21	1	3	0		4	Y	Monitoring requirements completed during Q2.
E040	DP above Los Alamos Canyon	0	2	2		4	Y	No flow / insufficient flow in Q1.
E042	Los Alamos above SR-4	2	5	1		8	Y	Monitoring requirements completed during Q3.
E050	Los Alamos below LA Weir	1	2	2		5	Y	
E055	Pueblo above Acid	0	0	2		2	N	No flow / insufficient flow in Q1, Q2.
E055.5	South Fork of Acid Canyon	1	3	1		5	Y	Monitoring requirements completed during Q3.
E056	Acid above Pueblo	0	2	2		4	Y	No flow / insufficient flow in Q1.
E060	Pueblo above SR-502	0	0	0		0	N	No flow / insufficient flow in Q1, Q3.
E099	Guaje at SR 502	1	0	0		1	N	No flow / insufficient flow in Q2, Q3.
E110	Los Alamos Canyon near Otowi Bridge	1	0	0		1	N	No flow / insufficient flow in Q2.
E121	Sandia right fork at Power Plant	0	2	3		5	Y	
E122	Sandia left fork at Asphalt Plant	1	3	1		5	Y	Monitoring requirements completed during Q3.
E123	Sandia below Wetlands	1	4	1		6	Y	
E124	Sandia above Firing Range	0	4	1		5	Y	No flow / insufficient flow in Q1. Monitoring requirements completed during Q3.
E125	Sandia above SR-4	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E200	Mortandad below Effluent Canyon	1	3	1		5	Y	

TABLE 2, CONT'D. 2007 WATERSHED-SCALE MONITORING STATUS

Station	Station Name	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
		Q1*	Q2	Q3	Q4	Total		
E201	Mortandad above Ten Site	0	0	1		1	N	No flow / insufficient flow in Q1, Q2.
E201.3	Ten Site below MDA C	2	5	0		7	Y	Monitoring requirements completed during Q2.
E201.5	Ten Site above Mortandad	0	0	1		1	N	No flow / insufficient flow in Q1, Q2.
E202	Mortandad above Sediment Traps	0	0	1		1	N	No flow / insufficient flow in Q1, Q2.
E203	Mortandad below Sediment Traps	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E204	Mortandad at LANL Boundary	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E218	Canada del Buey near TA-46	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E225	Canada del Buey near MDA G	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E227	MDA G-13	0	0	1		1	N	No flow / insufficient flow in Q1, Q2.
E230	Canada del Buey above SR-4	0	0	1		1	N	No flow / insufficient flow in Q1, Q2.
E240	Pajarito below SR-501	2	0	5		7	Y	No flow / insufficient flow in Q2.
E241	Pajarito above Starmers	2	0	5		7	Y	No flow / insufficient flow in Q2.
E242	Starmers above Pajarito	1	0	4		5	Y	No flow / insufficient flow in Q2.
E242.5	La Delfe above Pajarito	0	0	4		4	Y	No flow / insufficient flow in Q1, Q2.
E243	Pajarito above Twomile	1	0	4		5	Y	No flow / insufficient flow in Q1, Q2.
E243.5	Twomile tributary at TA-3	2	2	1		5	Y	Monitoring requirements completed during Q3.
E244	Twomile above Pajarito	1	1	3		5	Y	Monitoring requirements completed during Q3.
E245	Pajarito above TA-18	2	0	3		5	Y	
E245.5	Pajarito above Threemile	1	0	4		5	Y	
E246	Threemile above Pajarito	0	2	1		3	N	No flow / insufficient flow in Q1.
E247	MDA G-1	0	0	2		2	N	No flow / insufficient flow in Q1.
E248.5	MDA G-6U	0	0	3		3	N	No flow / insufficient flow in Q1, Q2.

TABLE 2, CONT'D. 2007 WATERSHED-SCALE MONITORING STATUS

Station	Station Name	Analytical & Visual Monitoring Samples					Four Sampling Events Completed? (Y/N)	Comment
		Q1*	Q2	Q3	Q4	Total		
E249	MDA G-4	0	0	1		1	N	No flow / insufficient flow in Q1, Q2.
E250	Pajarito above SR-4	1	0	1		2	N	No flow / insufficient flow in Q1, Q2.
E252	Water above SR-501	1	0	0		1	N	No flow / insufficient flow in Q3.
E252.5	Water above S Site Canyon	0	0	1		1	N	
E252.8	S Site Canyon above Water	1	0	0		1	N	Equipment damaged by bear during Q3.
E253	Canon de Valle above SR-501	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E256	Canon de Valle below MDA P	0	0	4		4	Y	No flow / insufficient flow in Q1, Q2.
E257	Canon de Valle tributary at Burn Grounds	1	1	5		7	Y	
E262	Canon de Valle above Water	0	1	1		2	N	No flow / insufficient flow in Q1.
E262.5	Water below MDA AB	1	0	0		1	N	No flow / insufficient flow in Q2. Equipment malfunctions during Q3.
E263	Water at SR-4	1	0	2		3	N	No flow / insufficient flow in Q2.
E264	Indio at SR-4	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E265	Water below SR-4	0	0	2		2	N	No flow / insufficient flow in Q1.
E266	Potrillo at Lower Slobbovia	0	0	0		0	N	No flow / insufficient flow in Q2.
E267	Potrillo above SR-4	0	0	0		0	N	No flow / insufficient flow in Q2.
E274	Ancho north fork below SR-4	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E275	Ancho below SR-4	0	0	0		0	N	No flow / insufficient flow in Q1, Q2, Q3.
E338	Chaquehui at TA-33	0	0	0		0	N	Equipment malfunctions during Q3.
E340	Chaquehui tributary at TA-33	0	0	0		0	N	No flow / insufficient flow in Q2. Equipment malfunctions during Q3.

* During Q1 some samplers were disassembled to protect equipment from damage and breakage during the winter months.

TABLE 3 – 2007 wSAL EXCEEDANCES CORRECTIVE ACTION STATUS

Watershed	SMA	Site	Inspection Date	Corrective Action Taken	Completion Date	Comment
LOS ALAMOS	LA-SMA-1	00-017	8/28/2007	New Installation of Site Controls	8/28/2007	
	LA-SMA-1.2	C-43-001	9/17/2007	New Installation of Site Controls	9/17/2007	
	LA-SMA-1.5	00-030(i)	8/7/2007	New Installation of Site Controls	8/27/2007	
	LA-SMA-2	01-001(f)	8/7/2007 9/17/2007	New Installation of Site Controls New Installation of Site Controls	8/24/2007 9/17/2007	
	LA-SMA-3	01-003(a)	9/17/2007	New Installation of Site Controls	9/17/2007	
	LA-SMA-4	01-006(b)	8/7/2007 9/17/2007	New Installation of Site Controls New Installation of Site Controls	8/24/2007 9/17/2007	
		01-006(n)				
		01-001(c)				
		01-006(c)				
		01-006(d)				
	LA-SMA-5	01-001(d)	9/18/2007	New Installation of Site Controls	9/18/2007	
		01-003(e)				
	LA-SMA-5.4	32-004	8/7/2007	New Installation of Site Controls	8/24/2007	
	LA-SMA-5.5	02-003(e)	na	Source identification	TBD	The Sites included in LA-SMA-5.5 are undergoing soil characterization activities for source identification per the requirements of the 2005 Consent Order.
		02-011(a)				
		02-009(c)				
		02-009(b)				
		02-009(a)				
		02-008(a)				
		02-006(b)				
		02-003(a)				
		02-007				
PUEBLO	ACID-SMA-2	01-002(b)-00	8/6/2007 9/17/2007	Review of Existing Site Controls New Installation of Site Controls	8/6/2007 9/17/2007	
		45-001				
		45-004				
RENDIJA	R-SMA-1	C-00-041	8/6/2007 8/23/2007 9/21/2007	Review of Existing Site Controls New Installation of Site Controls New Installation of Site Controls	8/6/2007 8/23/2007 9/21/2007	
CANADA DEL BUEY	CDB-SMA-1.7	46-005	8/3/2007	New Installation of Site Controls	8/23/2007	
MORTANDAD	M-SMA-3.1	48-007(b)	9/18/2007	New Installation of Site Controls	9/18/2007	
	M-SMA-4	48-007(a)	8/3/2007	New Installation of Site Controls	8/23/2007	
		48-007(d)				
		48-010				

Watershed	SMA	Site	Inspection Date	Corrective Action Taken	Completion Date	Comment
MORTANDAD	M-SMA-6	35-016(h)	9/19/2007	New Installation of Site Controls	9/19/2007	
	M-SMA-8	50-006(d)	8/3/2007 9/19/2007	New Installation of Site Controls New Installation of Site Controls	8/27/2007 9/19/2007	
	M-SMA-10.3	35-016(i) 35-014(e2)	9/19/2007	New Installation of Site Controls	9/19/2007	
	T-SMA-1	50-006(a) 50-009	8/3/2007 8/27/2007 9/19/2007	Review of Existing Site Controls New Installation of Site Controls New Installation of Site Controls	8/3/2007 8/27/2007 9/19/2007	
	T-SMA-3	35-016(b)	9/19/2007	New Installation of Site Controls Repair to Existing Site Controls	9/19/2007	
PAJARITO	PJ-SMA-15	54-014(d) 54-017 54-018 54-020	8/7/2007	Review of Existing Site Controls	8/23/2007	
	STRM-SMA-5	09-013	8/9/2007 9/24/2007	New Installation of Site Controls Review of Existing Site Controls	8/23/2007 9/24/2007	
	2M-SMA-1.7	03-055(a)	8/3/2007	New Installation of Site Controls	8/23/2007	
	2M-SMA-2	03-054(b)	8/6/2007 8/23/2007	Review of Existing Site Controls New Installation of Site Controls	8/6/2007 8/23/2007	
SANDIA	S-SMA-0.2	03-013(a) 03-013(b) 03-052(f)	8/6/2007 8/23/2007	Review of Existing Site Controls	8/6/2007 8/23/2007	
	S-SMA-1	03-003(m) 03-029 03-009(a)	8/7/2007 9/18/2007	New Installation of Site Controls Repairs to Existing Site Controls	8/24/2007 9/18/2007	
	S-SMA-2	03-012(b) 03-045(b) 03-045(c) 03-056(c)	9/18/2007	New Installation of Site Controls	9/18/2007	
	S-SMA-3.5	03-014(c2) 03-014(b2)	8/3/2007 9/18/2007	New Installation of Site Controls New Installation of Site Controls	8/23/2007 9/18/2007	
	S-SMA-3.6	60-007(b)	8/3/2007	New Installation of Site Controls	8/23/2007	
	S-SMA-4	53-014	9/20/2007	New Installation of Site Controls	9/20/2007	
	S-SMA-6	72-001	9/20/2007	New Installation of Site Controls	9/20/2007	
WATER	W-SMA-5	16-026(z) 16-003(f)	8/9/2007	New Installation of Site Controls	8/23/2007	