



John
Permit

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Date: August 29, 2005
Refer To: ENV-WQH: 05-160

Ms. Waudelle Strickley
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: FEDERAL FACILITY COMPLIANCE AGREEMENT DOCKET NO. CWA-06-2005-1701, AND ADMINISTRATIVE ORDER DOCKET NO. CWA-06-2005-1734 AT LOS ALAMOS NATIONAL LABORATORY, PERMIT APPLICATION NO. NM0030759, QUARTERLY STATUS REPORT (APRIL 1, 2005, TO JUNE 30, 2005)

Dear Ms. Strickley:

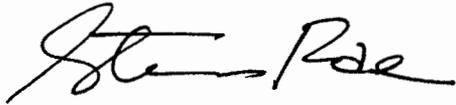
Enclosed for your review is the Quarterly Status Report for Los Alamos National Laboratory in accordance with the Federal Facility Compliance Agreement (FFCA) Docket No. CWA-06-2005-1701, dated February 3, 2005, and the Administrative Order (AO) Docket No. CWA-06-2005-1734 dated March 22, 2005. The Quarterly Status Report includes corrective action activities required under the FFCA and AO for the period from April 1, 2005, through June 30, 2005. The Quarterly Status Report includes the following Enclosures:

- (1) Corrective action status report, April 1, 2005 to June 30, 2005
- (2) Corrective actions to address w/SAL exceedances at SWMUs and AOCs.
- (3) Corrective actions to address w/SAL exceedances on watershed scale.

Please contact Steve Veenis at (505) 667-0013 or Mike Saladen at (505) 665-6085 if you need additional information concerning the status of the Laboratory's corrective action activities.



Sincerely,



Steven Rae
Group Leader
Water Quality & Hydrology Group

Sincerely,



Gene Turner
Environmental Permitting Manager
NNSA/LASO

SR:GT:SV/lm

Enclosures: a/s

Cy: Taylor Sharpe, USEPA, Region 6, Dallas, TX, w/enc.
Isaac Chen, USEPA, Region 6, Dallas, TX, w/enc.
Marcy Leavitt, NMED/SWQB, Santa Fe, NM, w/enc.
John Young, NMED/HWB, Santa Fe, NM, w/enc.
Ralph Ford-Schmid, NMED/DOE/OB, Santa Fe, NM, w/enc.
John Ordaz, NNSA/LASO, w/o enc., MS A316
Kenneth Hargis, ENV-DO, w/o enc., MS J591
Doug Stavert, ENV-DO, w/o enc., MS J591
Victoria George, ENV-DO, w/o enc., MS J591
Jean Dewart, ENV-ERS, w/o enc., MS J978
David McInroy, ENV-ERS, w/o enc., MS M992
Tina Sandoval, ENV-WQH, w/o enc., MS K497
Mike Saladen, ENV-WQH, w/o enc., MS K497
Steve Veenis, ENV-WQH, w/enc., MS K497
Phil Wardwell, LC-ESH, w/o enc., MS A187
ENV-WQH File, w/enc., MS K497
IM-9, w/enc., MS A150

ENCLOSURE I

FFCA/AO Quarterly Status Report

April 1, 2005 through June 30, 2005

Deadlines & Milestones

- April 28, 2005 - Monthly wSAL Exceedance Report submitted to EPA and NMED
- May 26, 2005 - Quarterly Status Report submitted to EPA and NMED
- May 28, 2005 - Monthly wSAL Exceedance Report submitted to EPA and NMED
- June 28, 2005 - Monthly wSAL Exceedance Report submitted to EPA and NMED

Progress Made in Meeting Other Deadlines & Milestones

- Completion of 236 BMP inspections at 200 Sites
- Installation of 60 new BMPs with maintenance conducted at 12 Sites
- Collection of 47 site-specific storm samples, 29 gaging station storm samples and 2 gaging station snowmelt samples

Reasons for any Non-compliance

- In accordance with FFCA, Section 24, LANL compared results of storm water monitoring to appropriate wSALs to determine whether pollutant or contaminant transport had occurred. Additionally, LANL initiated appropriate corrective actions to identify sources and to install, re-examine, repair and modify BMPs required to reduce the migration of pollutants on a site-by-site basis. There were no non-compliances for this reporting period.

Corrective Actions Taken to Address wSAL Exceedances

- See Enclosures II and III
- Conducted ongoing installation, inspection and maintenance of erosion controls at Sites identified in FFCA Table 2 which have not collected site-specific storm water runoff samples.

Description of any Matters Relevant to Status of Compliance

- Surface Water Assessment Team (SWAT) meetings held on April 20, 2005, May 19, 2005 and June 29, 2005 to discuss FFCA/AO related matters with NMED
- Participated in Pajarito Plateau Watershed Partnership (PPWP) meetings to discuss:
 - a) NMED/SWQB proposal on establishing TMDLs for ephemeral streams
 - b) Status of Pueblo Canyon stream bank stabilization efforts
 - c) Los Alamos County's Standards regarding BMPs for Stormwater Management
- Water Quality and Hydrology Group (ENV-WQH) and Remediation Services (ENV-RS) continue their efforts in evaluating storm water data to assess background conditions and to determine Laboratory and non-Laboratory derived pollutants

Corrective Actions to Address wSal Exceedances at SWMU/AOCs
ENCLOSURE II

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
00-011(d)	Mortar impact area	73.8	LA/Pueblo	B-SMA-1	2004	Sample not collected for this reporting period.	Mulch (Wood Chip)	1/1/2000	05/03/2005	Rain Event (0.5")	5-Rock check dams installed at various distances west of sampler.	5/16/2005	New Installation
							Check Dam (Log)	5/19/2005			1-Log check dam located 35' west of sampler.	5/19/2005	New Installation
00-017	Waste lines	67.5	LA/Pueblo	LA-SMA-1	2004	5/01/2005	Check Dam (Rock) Gabions (Channel Stabilization)	5/26/2005	05/03/2005	Rain Event (0.5")	2-Rock check dams at 50' from outlet and 85' from out let.	5/26/2005	New Installation
						5/03/2005		2-Gabions at 75' and 135' from outlet.			5/26/2005	New Installation	
						5/31/2005		1-Gabion installed 160' from outlet.			6/20/2005	New Installation	
00-018	Sludge-bed wastewater treatment plant, Pueblo Canyon	42.8	LA/Pueblo	P-SMA-3	2005	4/25/2005	None	N/A	05/03/2005	Rain Event (0.5")			
00-019	Wastewater treatment plant, central	51.5	LA/Pueblo	P-SMA-2.2	2005	4/25/2005	Berm (Earth) Jute Matting Swale Check Dam (Log) Check Dam (Rock) Riprap (Outlet Protection)	1/1/1990	05/03/2005	Rain Event (0.5")	Log and Rock check dams installed at 20' and 35' south of sampler.	6/11/2005	New Installation
						5/03/2005		2-log check dam and reinforced it with rock south of sampler.			7/6/2005	New Installation	
						5/31/2005							
00-030(g)	Septic system (near old Catholic Church parking lot)	47.2	LA/Pueblo	ACID-SMA-1	2005	Sample not collected for this reporting period.	None	N/A	04/29/2005	Rain Event (0.5")			
00-030(i)	Septic system	54.5	LA/Pueblo	LA-SMA-1.5	2005	4/24/2005 4/25/2005 5/01/2005 5/03/2005 6/13/2005	None	N/A	04/29/2005	Rain Event (0.5")			
01-001(c)	Septic Tank 137	76.5	LA/Pueblo	LA-SMA-4	2004	Sample not collected for this reporting period.	Silt Fence	11/5/2004	05/03/2005	Rain Event (0.5")	Straw Watties installed at various distances south west of sampler.	5/19/2005	New Installation
							Straw Bale Barrier	11/5/2004			Extended existing gabion 3'-4'.	5/19/2005	Repair
01-001(d)	Septic Tank 138 (hillside)	74.5	LA/Pueblo	LA-SMA-5	2004	5/3/2005	Mulch (Hydro) Seeding (Permanent) Silt Fence Straw Bale Barrier	11/7/2004 11/7/2004 11/7/2004 11/7/2004	05/03/2005	Rain Event (0.5")			
01-002	Septic Tank 140 (hillside)	56.7	LA/Pueblo	LA-SMA-2	2004	5/3/2005	Silt Fence	11/4/2004	04/29/2005	Rain Event (0.5")	2-Log check dams at 100' and 115' north of the sampler.	7/12/2005	New Installation
							Straw Bale Barrier	11/4/2004			Silt fencing was fixed at time of inspection.	4/29/2005	Repair
01-002(b)-00	Outfall TA-01 SWMU to be in TA-45	71.5	LA/Pueblo	ACID-SMA-2	2004	Sample not collected for this reporting period.	Jute Matting Straw Watties Jersey Barrier	1/1/2000 1/1/2000 4/26/2005	5/3/2005 6/21/2005	Rain Event (0.5") Quarterly	Jersey Barriers were installed around the NW -NE rim of site.	4/26/2005	New Installation
01-003(a)	Landfill	79	LA/Pueblo	LA-SMA-3	2004	Sample not collected for this reporting period.	None	N/A	05/03/2005	Rain Event (0.5")			
01-003(d)	Surface disposal site	49.5	LA/Pueblo	LA-SMA-5.2	2005	Sample not collected for this reporting period.	None	N/A	05/03/2005	Rain Event (0.5")			
01-003(e)	Surface disposal site	83	LA/Pueblo	LA-SMA-5	2004	5/3/2005	Berm (Earth) Mulch (Hydro) Seeding (Permanent) Silt Fence Straw Bale Barrier	2/1/1999 11/7/2004 11/7/2004 11/7/2004 11/7/2004	04/29/2005	Rain Event (0.5")			
01-006(b)	Drainlines and outfall	76.5	LA/Pueblo	LA-SMA-2	2004	5/3/2005	Silt Fence Straw Bale Barrier Straw Watties	11/4/2004 11/4/2004 5/19/2005	No record for this reporting period.	N/A	Straw watties installed at various distances south west of sampler.	5/19/2005	New Installation

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
01-006(b)	Drainlines and outfall	76.5	LA/Pueblo	LA-SMA-4	2004	Sample not collected for this reporting period.	Silt Fence Straw Bale Barrier Straw Watties	11/4/2004 11/4/2004 5/19/2005	No record for this reporting period.	N/A	Straw watties installed at various distances south west of sampler. 2-Log check dams at 100' and 115' north of the sampler.	5/19/2005 7/12/2005	New Installation New Installation
01-006(c)	Drainlines and outfall	76.5	LA/Pueblo	LA-SMA-4	2004	Sample not collected for this reporting period.	Silt Fence Straw Bale Barrier Straw Watties	11/4/2004 11/4/2004 5/19/2005	05/03/2005	Rain Event (0.5")	Straw watties installed at various distances south west of sampler.	5/19/2005	New Installation
01-006(d)	Drainlines and outfall	76.5	LA/Pueblo	LA-SMA-4	2004	Sample not collected for this reporting period.	Silt Fence Straw Bale Barrier Straw Watties	11/4/2004 11/4/2004 5/19/2006	05/03/2005	Rain Event (0.5")	Straw watties installed at various distances south west of sampler.	5/19/2005	New Installation
01-006(e)	Drainlines and outfall	76.5	LA/Pueblo	LA-SMA-4	2004	Sample not collected for this reporting period.	Silt Fence Straw Bale Barrier Straw Watties	11/4/2004 11/4/2004 5/19/2007	05/03/2005	Rain Event (0.5")	Straw watties installed at various distances south west of sampler.	5/19/2005	New Installation
02-003(a)	Valve house and gaseous effluent line	57.6	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Seeding (Permanent)	1/1/2000	04/20/2005	Rain Event (0.5")			
02-003(e)	Holding tank (near reactor water boiler)	40.5	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Seeding (Permanent)	1/1/2000	04/20/2005	Rain Event (0.5")			
02-006(b)	Acid waste line	51.8	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Seeding (Permanent)	1/1/1990 1/1/2000	04/20/2005	Rain Event (0.5")			
02-007	Septic system	44.8	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Seeding (Permanent)	1/1/2000	04/20/2005	Rain Event (0.5")			
02-008(a)	Outfall	55.8	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Seeding (Permanent)	1/1/2000 1/1/2000	04/20/2005	Rain Event (0.5")			
02-009(a)	Non-intentional release	57	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Berm (Earth) Seeding (Permanent)	1/1/2000 1/1/2000	04/20/2005	Rain Event (0.5")			
02-009(b)	Non-intentional release	44.8	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Seeding (Permanent) Straw Watties	1/1/2000 1/1/2000	04/20/2005	Rain Event (0.5")			
02-009(c)	Non-intentional release	51.3	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Berm (Earth) Jute Matting Seeding (Permanent)	1/1/2000 1/1/2000 1/1/2000	04/20/2005	Rain Event (0.5")			
02-011(a)	Storm drain and outfall	57	LA/Pueblo	LA-SMA-5.5	2005	Sample not collected for this reporting period.	Seeding (Permanent)	1/1/2000	04/20/2005	Rain Event (0.5")			
03-003(m)	Storage area (capacitor banks) - PCB only site	46.3	Sandia	S-SMA-1	2004	5/3/2005	Riprap (Outlet Protection) Check Dam (Rock) Check Dam (Rock)	1/1/2000 1/1/2000 6/7/2005	04/29/2005	Rain Event (0.5")	2-Native rock check dams at 85' and 115' east of fence line.	6/7/2005	New Installation
03-009(a)	Surface disposal (soil fill)	61.3	Sandia	S-SMA-1	2004	5/3/2005	Check Dam (Rock)	6/7/2005	04/20/2005	Rain Event (0.5")	2-Native rock check dams at 85' and 115' east of fence line.	6/7/2005	New Installation
03-009(d)	Surface disposal site	42.8	Pajarito	2M-SMA-1.4		Sample not collected for this reporting period.	Gabions (Channel Stabilization) Riprap (General) Silt Fence	8/01/1999 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
03-010(a)	Vacuum repair shop (former location)-systematic release site	69	Pajarito	2M-SMA-1	2005	5/27/2005 6/13/2005	Jute Matting Silt Fence	1/1/2000 11/1/1998	04/20/2005	Rain Event (0.5")			
03-012(b)	Operational release and outfall	65	Sandia	S-SMA-2	2004	4/16/2005	Berm (Earth)	01/01/2000	04/29/2005	Rain Event (0.5")			
03-013(a)	Operational release	45	Sandia	S-SMA-0.2		Sample not collected for this reporting period.	Check Dam (Rock) Culvert Gabions (Channel Stabilization) Retention Structure Straw Watties Riprap (Outlet Protection)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/1990	No record for this reporting period.	N/A			
03-013(b)	Operational release	45	Sandia	S-SMA-0.2		Sample not collected for this reporting period.	Check Dam (Rock) Culvert Gabions (Channel Stabilization) Retention Structure Straw Watties Riprap (Outlet Protection)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/1990	No record for this reporting period.	N/A			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
03-014(b2)	Outfall	46.3	Sandia	S-SMA-3.5		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
03-014(c2)	Outfall	72	Sandia	S-SMA-3	2004	Sample not collected for this reporting period.	Check Dam (Rock) Gabions (Channel Stabilization) Reinforcement (Rock) Silt Dike	5/19/2005 5/19/2005 9/30/2004 9/30/2004	04/20/2005	Rain Event (0.5")	7-Rock check dams installed at various distances from the sampler. 1-Gabion installed 40' from sampler.	5/19/2005	New Installation
03-014(c2)	Outfall	72	Sandia	S-SMA-3.5	2004	Sample not collected for this reporting period.	Check Dam (Rock) Gabions (Channel Stabilization) Reinforcement (Rock) Silt Dike	5/19/2005 5/19/2005 9/30/2004 9/30/2004	04/20/2005	Rain Event (0.5")	7-Rock check dams installed at various distances from the sampler. 1-Gabion installed 40' from sampler.	5/19/2005	New Installation
03-029	Landfill	44.3	Sandia	S-SMA-1	2004	5/3/2005	Silt Fence Straw Bale Barrier Velocity Dissipation Device Check Dam (Rock) Gabions (Channel Stabilization)	1/1/2000 1/1/2000 1/1/2000 6/7/2005 1/1/2000	04/29/2005	Rain Event (0.5")	2-Native rock check dams at 85' and 115' east of fence line.	6/7/2005	New Installation
03-045(b)	Industrial or sanitary wastewater treatment	65.8	Sandia	S-SMA-2	2004	4/16/2005	Check Dam (Rock) Jute Matting	1/1/2000 1/1/2000	04/20/2005	Rain Event (0.5")			
03-045(c)	Outfall	57.7	Sandia	S-SMA-2	2004	4/16/2005	Check Dam (Rock)	1/1/2000	04/29/2005	Rain Event (0.5")			
03-052(f)	Storm drainage	45	Sandia	S-SMA-0.2		Sample not collected for this reporting period.	Check Dam (Rock) Culvert Gabions (Channel Stabilization) Retention Structure Straw Wattles Riprap (Outlet Protection)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/1990	No record for this reporting period.	N/A			
03-054(b)	Outfall	65.6	Pajarito	2M-SMA-2	2005	4/16/2005 4/24/2005 5/03/2005	Riprap (General) Sandbags	1/1/2000 1/1/2000	04/20/2005	Rain Event (0.5")			
03-054(e)	Outfall	89	Mortandad	M-SMA-1	2004	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Gabions (Slope Stabilization) Jute Matting	1/1/2000 1/1/2000 1/1/2000	04/20/2005	Rain Event (0.5")			
03-055(a)	Outfall	61	Pajarito	2M-SMA-1.7		Sample not collected for this reporting period.	None	N/A	04/20/2005	Rain Event (0.5")			
03-055(c)	Transformer storage area - PCB only site	45	Sandia	S-SMA-2	2004	4/16/2005	Check Dam (Rock) Gabions (Channel Stabilization) Riprap (General)	6/7/2005 5/1/2001 1/1/2000	04/29/2005	Rain Event (0.5")	2-Native rock check dams at 85' and 115' east of fence line.	6/7/2005	New Installation
04-001	Firing site	45	Mortandad	T-SMA-7		Sample not collected for this reporting period.	Mulch (Straw) Seeding (Permanent) Straw Wattles	7/1/2000 7/1/2000 7/1/2000	No record for this reporting period.	N/A			
04-002	Surface disposal	51.5	Mortandad	T-SMA-7		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/1/2000 7/1/2000 7/1/2000	No record for this reporting period.	N/A			
04-003(a)	Outfall	57.3	Mortandad	CDB-SMA-0.1		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
04-003(b)	Outfall	51.5	Mortandad	T-SMA-7		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/1/2000 7/1/2000 7/1/2000	No record for this reporting period.	N/A			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
04-004	Soil contamination beneath buildings	57.3	Mortandad	CDB-SMA-0.1		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
05-001(a)	Former firing site	45	Mortandad	M-SMA-12.8		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/8/2000 7/8/2000 7/8/2000	No record for this reporting period.	N/A			
05-001(b)	Former firing site	45	Mortandad	M-SMA-12.9		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/8/2000 7/8/2000 7/8/2000	No record for this reporting period.	N/A			
05-001(c)	Former firing site	73.5	Mortandad	M-SMA-13	2004	Sample not collected for this reporting period.	Silt Fence Straw Bale Barrier Check Dam (Log)	12/1/1998 12/1/1998 6/14/2005	05/09/2005	Rain Event (0.5")	2-Log check dams were placed in front of the existing silt fence 60' and 135' west of the sampler. Felled trees were placed between 85' and 110' west of the sampler.	6/14/2005	New Installation
05-004	Former septic system	49.7	Mortandad	M-SMA-12.6		Sample not collected for this reporting period.	Channel (Earth) Mulch (Straw) Seeding (Permanent) Straw Wattles Straw Wattles Channel (Vegetative)	1/1/2000 7/1/2000 7/1/2000 8/26/2004 5/3/2001 7/1/2000	No record for this reporting period.	N/A			
05-005(a)	Former French drain	45	Mortandad	M-SMA-12.7		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/8/2000 7/8/2000 7/8/2000	No record for this reporting period.	N/A			
05-005(b)	Outfall	53.7	Mortandad	M-SMA-12.5		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/1/2000 7/1/2000 7/1/2000	No record for this reporting period.	N/A			
05-006(b)	Soil contamination beneath former buildings	45	Mortandad	M-SMA-12.7		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/2/2000 7/2/2000 7/2/2000	No record for this reporting period.	N/A			
05-006(c)	Soil contamination beneath former buildings	53.7	Mortandad	M-SMA-12.5		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 1/1/2000 7/1/2000 7/1/2001	No record for this reporting period.	N/A			
05-006(e)	Soil contamination beneath former buildings	45	Mortandad	M-SMA-12.7		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/2/2000 7/2/2000 7/2/2000	No record for this reporting period.	N/A			
05-006(h)	Soil contamination beneath former buildings	45	Mortandad	M-SMA-12.9		Sample not collected for this reporting period.	Contour Tree Felling Mulch (Straw) Seeding (Permanent) Straw Wattles	1/1/2000 7/2/2000 7/2/2000 7/2/2000	No record for this reporting period.	N/A			
06-007(g)	Building and surface disposal	50.8	Pajarito	2M-SMA-1.6		Sample not collected for this reporting period.	Check Dam (Rock) Concrete Debris Straw Wattles	1/1/2000 1/1/2000 7/3/2000	No record for this reporting period.	N/A			
07-001(b)	Firing site (inactive)	55.5	Pajarito	2M-SMA-3	2005	Sample not collected for this reporting period.	Straw Wattles	7/1/2000	05/06/2005	Rain Event (0.5")			
07-001(c)	Firing site (inactive)	46.7	Pajarito	2M-SMA-3	2005	Sample not collected for this reporting period.	Felled Trees Mulch (Wood Chip) Straw Wattles	1/1/2000 1/1/2000 1/1/2000	05/06/2005	Rain Event (0.5")			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
07-001(d)	Firing site (inactive)	55.5	Pajarito	2M-SMA-3	2005	Sample not collected for this reporting period.	Straw Wattles	7/1/2000	05/06/2005	Rain Event (0.5")			
08-005	Container storage area	51	Pajarito	STRM-SMA-2		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
08-006(a)	Material disposal area (MDA Q)	55.5	Pajarito	STRM-SMA-3		Sample not collected for this reporting period.	Berm (Earth)	1/1/2000	No record for this reporting period.	N/A			
08-007(b)	Industrial or sanitary wastewater treatment	40.2	Pajarito	STRM-SMA-1.5		Sample not collected for this reporting period.	Check Dam (Rock)	1/1/2000	No record for this reporting period.	N/A			
08-009(f)	Outfall	42	Pajarito	STRM-SMA-1		Sample not collected for this reporting period.	Riprap (General)	1/1/2000	No record for this reporting period.	N/A			
09-004(g)	Settling tank	61.8	Pajarito	PJ-SMA-4	2005	4/16/2005 4/24/2005 5/03/2005 5/27/2005	Geotextiles (Synthetic) Seeding (Permanent) Straw Wattles Check Dam (Rock)	6/27/2005 6/27/2005 6/1/2005 6/1/2005	04/25/2005	Rain Event (0.5")	Installed geotextiles 40' north of outlet on the west side of road. Seeded both the east as west sides of the road. 3-Rock check dams 5', 10', and 35' north of outlet. 1-Straw wattle cut into two and installed at 70' and 80' north of sampler. 3-rock check dams a 25', 75', 125' north of sampler.	6/27/2005 6/27/2005 6/27/2005 6/1/2005 6/1/2005	New Installation
09-004(o)	Settling tank	43.8	Pajarito	PJ-SMA-3		Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles	1/1/2000 7/2/2000	No record for this reporting period.	N/A			
09-005	Septic system	51	Pajarito	STRM-SMA-4		Sample not collected for this reporting period.	Gabions (Channel Stabilization) Riprap (General) Silt Fence	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
5(g)	Septic tank	51	Pajarito	PJ-SMA-4	2005	4/16/2005 4/24/2005 5/03/2005 5/27/2005	Geotextiles (Synthetic) Seeding (Permanent) Straw Wattles Straw Wattles Check Dam (Rock)	6/27/2005 6/27/2005 6/1/2005 1/1/2000 6/1/2000	05/06/2005	Rain Event (0.5")	Installed geotextiles 40' north of outlet on the west side of road. Seeded both the east as west sides of the road. 3-Rock check dams 5', 10', and 35' north of outlet. 1-Straw wattle cut into two and installed at 70' and 80' north of sampler. 3-rock check dams a 25', 75', 125' north of sampler.	6/27/2005 6/27/2005 6/27/2005 6/1/2005 6/1/2005	New Installation
	Surface impoundment	58.8	Pajarito	PJ-SMA-2		Sample not collected for this reporting period.	Check Dam (Rock) Riprap (General) Straw Wattles	1/1/2000 8/31/2004 7/2/2000	No record for this reporting period.	N/A			
	Material disposal area (MDA M)	56	Pajarito	PJ-SMA-1		Sample not collected for this reporting period.	Berm (Earth) Mulch (Straw) Sediment Trap Seeding (Permanent) Silt Dike Straw Wattles	8/1/1996 7/19/2000 7/19/2000 8/1/1999 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
	Material disposal area (MDA M)	56	Pajarito	STRM-SMA-5		Sample not collected for this reporting period.	Berm (Earth) Mulch (Straw) Sediment Trap Seeding (Permanent) Silt Dike Straw Wattles	8/1/1996 7/19/2000 7/19/2000 8/1/1999 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
	Firing site (inactive)	56.2	Water/Valle	W-SMA-6		Sample not collected for this reporting period.	Check Dam (Rock)	1/1/2000	06/09/2005	Rain Event (0.5")			
	Air gun	55.5	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Berm (Asphalt) Check Dam (Log) Check Dam (Log) Felled Trees Riprap (Outlet Protection) Splash Basin Swale	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
4)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
4)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-11	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
7)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
7)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-11	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-004(c)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-004(c)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-11	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-004(d)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-004(d)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-11	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
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11-004(e)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-004(e)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-11	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-004(f)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-004(f)	Drop tower - firing site (active)	56	Water/Valle	W-SMA-11	2005	Sample not collected for this reporting period.	Check Dam (Log) Felled Trees	1/1/2000 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-005(c)	Outfall (inactive)	59	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	None	N/A	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-006	Tank and/or associated equipment	52	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Check Dam (Rock) Felled Trees Jute Matting Riprap (General) Straw Bale Barrier Straw Wattles Swale	1/1/2000 1/1/2000 8/31/2004 1/1/2000 8/31/2004 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
11-006(c)	Tank and/or associated equipment	68.8	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Check Dam (Log) Check Dam (Rock) Riprap (General) Sandbags Swale	1/1/2000 1/1/2000 3/29/2005 1/1/2000 1/1/2000	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")	1-Log and 1-Rock check dam was installed using native materials 85' from fence line.	6/3/2005	New Installation
11-006(d)	Tank and/or associated equipment	74	Water/Valle	W-SMA-10	2005	Sample not collected for this reporting period.	Riprap (General)	1/1/2000	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
14-001(g)	Firing site - Open Burn/Open Detonation (active)	53.3	Water/Valle	CDV-SMA-6	2005	Sample not collected for this reporting period.	Straw Wattles	1/1/2000	4/25/2005 6/10/2005	Rain Event (0.5") Rain Event (0.5")			
14-002(a)	Firing site (inactive)	46.3	Water/Valle	CDV-SMA-4		Sample not collected for this reporting period.	Check Dam (Rock) Mulch (Wood Chip) Straw Wattles	1/1/2000 1/1/2000 1/1/2000	6/10/2005	Rain Event (0.5")			
14-002(d)	Firing site (inactive)	40.8	Water/Valle	CDV-SMA-6	2005	Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles	1/1/2000 1/1/2000	5/6/2005 6/10/2005	Rain Event (0.5") Rain Event (0.5")			
14-002(e)	Firing site (inactive)	47.8	Water/Valle	CDV-SMA-6	2005	Sample not collected for this reporting period.	Mulch (Wood Chip) Straw Wattles	1/1/2000 1/1/2000	5/6/2005 6/10/2005	Rain Event (0.5") Rain Event (0.5")			
14-005	Incinerator (active)	57.3	Water/Valle	CDV-SMA-5		Sample not collected for this reporting period.	Check Dam (Rock) Riprap (General) Straw Wattles	1/1/2000 1/1/2000 1/1/2000	6/10/2005	Rain Event (0.5")			
14-006	Tank and/or associated equipment	47.1	Water/Valle	CDV-SMA-6	2005	Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles	1/1/2000 1/1/2000	5/6/2005 6/10/2005	Rain Event (0.5") Rain Event (0.5")			
14-009	Surface disposal site	53.7	Water/Valle	CDV-SMA-3		Sample not collected for this reporting period.	Berm (Earth) Check Dam (Rock) Riprap (General) Straw Bale Barrier Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	6/10/2005	Rain Event (0.5")			
14-010	Sump	51.5	Water/Valle	CDV-SMA-4		Sample not collected for this reporting period.	Check Dam (Rock) Mulch (Wood Chip) Straw Wattles	1/1/2000 1/1/2000 1/1/2000	6/10/2005	Rain Event (0.5")			
15-006(c)	Firing site R-44 (inactive)	64.5	Pajarito	3M-SMA-0.5	2005	Sample not collected for this reporting period.	Straw Wattles	1/1/2000	04/25/2005	Rain Event (0.5")			
15-007(b)	Material disposal area (MDA Z) landfill	40.2	Water/Valle	CDV-SMA-9		Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles	1/1/2000 1/1/2000	6/10/2005	Rain Event (0.5")			
15-008(a)	Surface disposal E/F Site	72	Water/Valle	PT-SMA-1		Sample not collected for this reporting period.	Straw Wattles	1/1/2000	No record for this reporting period.	N/A			
15-008(b)	Surface disposal	67.2	Pajarito	3M-SMA-0.6	2005	Sample not collected for this reporting period.	Silt Fence Straw Wattles	1/1/2000 1/1/2000	04/25/2005	Rain Event (0.5")	Removed silt fencing.	6/6/2005	Removal

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

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15-008(d)	Surface disposal	69	Water/Valle	CDV-SMA-7		Sample not collected for this reporting period.	None	N/A	6/10/2005	Rain Event (0.5")			
15-008(f)	I-J Firing Site mounds at TA-36 (active)	57.3	Water/Valle	PT-SMA-2		Sample not collected for this reporting period.	Berm (Asphalt) Check Dam (Rock)	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
15-009(c)	Septic tank	71.5	Pajarito	3M-SMA-0.5		Sample not collected for this reporting period.	None	N/A	04/25/2005	Rain Event (0.5")			
15-009(e)	Septic system, E/F Site	44.7	Water/Valle	PT-SMA-0.5		Sample not collected for this reporting period.	Check Dam (Rock)	1/1/2000	No record for this reporting period.	N/A			
15-011(a)	Drainline	51.5	Water/Valle	W-SMA-14		Sample not collected for this reporting period.	Swale	1/1/2000	6/10/2005	Rain Event (0.5")	1-Straw Wattle to reinforce existing wattle.	7/7/2005	New Installation/Repair
15-011(b)	Dry well	87	Water/Valle	CDV-SMA-8		Sample not collected for this reporting period.	Straw Watties	1/1/2000	6/10/2005	Rain Event (0.5")	1-Straw Wattle	7/7/2005	New Installation/Repair
15-011(c)	Sump	87	Water/Valle	CDV-SMA-8		Sample not collected for this reporting period.	Straw Watties	1/1/2000	6/10/2005	Rain Event (0.5")	1-Straw Wattle to reinforce existing wattle.	7/7/2005	New Installation/Repair
15-014(g)	Industrial or sanitary wastewater treatment	55.5	Water/Valle	CDV-SMA-8		Sample not collected for this reporting period.	Channel (Asphalt / Concrete) Check Dam (Rock)	1/1/2000 1/1/2000	6/10/2005	Rain Event (0.5")	Remove sediment from diversion channel.	7/7/2005	Remove Sediment
15-014(j)	Outfall	61.3	Water/Valle	CDV-SMA-8		Sample not collected for this reporting period.	Channel (Asphalt / Concrete) Check Dam (Rock) Sandbags	1/1/2000 1/1/2000 1/1/2000	6/10/2005	Rain Event (0.5")			
16-001(a)	Tank	67	Water/Valle	CDV-SMA-1	2005	Sample not collected for this reporting period.	Riprap (Outlet Protection)	1/1/2000	04/25/2005	Rain Event (0.5")			
16-001(b)	Dry wells	45	Water/Valle	CDV-SMA-1	2005	Sample not collected for this reporting period.	Riprap (Outlet Protection)	1/1/2000	05/05/2005	Rain Event (0.5")			
16-001(c)	Tank	45	Water/Valle	CDV-SMA-1	2005	Sample not collected for this reporting period.	Riprap (Outlet Protection)	1/1/2000	05/05/2005	Rain Event (0.5")			
16-001(d)	Dry well	45.6	Water/Valle	na		Sample not collected for this reporting period.	None	N/A	6/9/2005	Rain Event (0.5")			
16-003(a)	Sump	55.5	Water/Valle	W-SMA-4	2005	Sample not collected for this reporting period.	Straw Watties	1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
16-003(f)	Sump	56	Water/Valle	W-SMA-5	2005	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Check Dam (Rock) Riprap (Outlet Protection)	1/1/2000 8/31/2004 8/31/2004	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")	Stabilized gabion.	7/7/2005	Repair
16-006(c)	Septic system	49.5	Water/Valle	W-SMA-8	2005	Sample not collected for this reporting period.	Check Dam (Log) Check Dam (Rock)	6/3/2005 6/3/2005	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")	1-Log and 1-Rock check dam was installed using native materials 85' from fence line.	6/3/2005	New Installation
16-010(a)	Septic tank	46	Water/Valle	W-SMA-3		Sample not collected for this reporting period.	None	N/A	6/9/2005	Rain Event (0.5")			
16-010(b)	Flash pad; RCRA unit (undergoing closure)	55.5	Water/Valle	CDV-SMA-2.4	2005	Sample not collected for this reporting period.	Channel (Diversion) Check Dam (Rock) Riprap (outlet Protection) Straw Bale Barrier Straw Watties	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	05/05/2005	Rain Event (0.5")			
16-010(c)	Burn site 16-388 - RCRA Unit (active)	47	Water/Valle	CDV-SMA-2.5		Sample not collected for this reporting period.	Check Dam (Rock) Jute Matting Riprap (General) Silt Fence Straw Bale Barrier Straw Watties	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
16-010(d)	Burn site 16-399 - RCRA unit (active)	50.3	Water/Valle	CDV-SMA-2.5		Sample not collected for this reporting period.	Berm (Earth) Check Dam (Rock) Riprap (General) Straw Bale Barrier Straw Watties	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
16-016(c)	Landfill	72	Water/Valle	CDV-SMA-2.4		Sample not collected for this reporting period.	Check Dam (Rock) Juniper Bale Riprap (General) Straw Bale Barrier Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	04/25/2005	Rain Event (0.5")			
16-016(d)	Surface disposal site	44.5	Water/Valle	CDV-SMA-1.4	2005	Sample not collected for this reporting period.	Jute Matting	1/1/2000	05/05/2005	Rain Event (0.5")			
16-016(g)	Surface disposal site	46.1	Water/Valle	W-SMA-8	2005	Sample not collected for this reporting period.	Straw Wattles Swale Check Dam (Log) Check Dam (Rock) Riprap (General)	1/1/2000 1/1/2000 6/3/2005 6/3/2005 1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")	1-Log and 1-Rock check dam installed using native materials 85' from fence line.	6/3/2005	New Installation
16-016	Material disposal area (MDA P); RCRA unit (currently undergoing RCRA closure)	69.3	Water/Valle	CDV-SMA-2.4	2005	Sample not collected for this reporting period.	Check Dam (Rock) Juniper Bale Reseed Riprap (General) Straw Bale Barrier Straw Wattles	8/31/2004 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	04/25/2005	Rain Event (0.5")			
16-019	Material disposal area (MDA R)	82.5	Water/Valle	CDV-SMA-1.7	2005	Sample not collected for this reporting period.	Check Dam (Rock) Riprap (General) Straw Bale Barrier Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000	05/06/2005	Rain Event (0.5")			
16-020	Silver recovery unit	61.3	Water/Valle	CDV-SMA-1.4		Sample not collected for this reporting period.	Check Dam (Rock) Jute Matting Mulch (Straw) Riprap (General) Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	04/25/2005	Rain Event (0.5")			
16-021(c)	Industrial or sanitary wastewater treatment at 16-260	73.3	Water/Valle	CDV-SMA-2	2005	Sample not collected for this reporting period.	Check Dam (Rock) Jute Matting Riprap (General) Straw Bale Barrier Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	05/06/2005	Rain Event (0.5")			
16-026(a)	Outfall	73.5	Water/Valle	W-SMA-8	2005	Sample not collected for this reporting period.	Straw Wattles Check Dam (Log) Check Dam (Rock) Gabions (Slope Stabilization) Riprap (General)	1/1/2000 6/3/2005 6/3/2005 1/1/2000 1/1/2000	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")	1-Log and 1-Rock check dam installed using native materials 85' from fence line.	6/3/2005	New Installation
16-026(c2)	Outfall, 16-462	61.8	Water/Valle	W-SMA-1	2005	5/03/2005 5/27/2005	Straw Wattles Check Dam (Rock) Check Dam (Rock)	1/1/2000 1/1/2000 6/8/2005	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")	4-Rock check dams at 30', 55', 85', and 125' west of sampler.	6/8/2005	New Installation
16-026(h2)	Outfall, 16-360	61	Water/Valle	W-SMA-7	2005	5/27/2004	Straw Bale Barrier Straw Wattles Check Dam (Rock)	1/1/2000 1/1/2000 6/27/2005	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")	2-Rock check dams at 80' and 110' west of sampler.	6/27/2005	New Installation
16-026(j)	Outfall, 16-226	40.2	Water/Valle	CDV-SMA-1.5	2005	5/03/2005 5/27/2005	Straw Wattles	6/3/2005	05/05/2005	Rain Event (0.5")	3-Straw wattles 35' north of sampler and 1-Straw wattle 50' north of sampler.	6/3/2005	New Installation
16-026(v)	Outfall	65.8	Water/Valle	W-SMA-1	2005	5/03/2005 5/27/2005	Check Dam (Rock) Check Dam (Rock)	6/8/2005 1/1/2000	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")	4-rock check dams at 30', 55', 85', and 125' west of sampler.	6/8/2005	New Installation
16-026(z)	Outfall	49.6	Water/Valle	W-SMA-5	2005	Sample not collected for this reporting period.	Swale	1/1/2000	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
16-028(a)	South drainage channel	51.5	Water/Valle	CDV-SMA-2.5		Sample not collected for this reporting period.	Check Dam (Rock) Swale	1/1/2000 1/1/2000	No record for this reporting period.	N/A			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
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16-028(b)	Industrial or sanitary wastewater treatment, 16-370	83	Water/Valle	W-SMA-8	2005	Sample not collected for this reporting period.	Berm (Base Coarse) Jute Matting Mulch (Hydro) Straw Wattles Check Dam (Log) Check Dam (Rock) Gabions (Channel Stabilization)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 6/3/2005 6/3/2005 1/1/2000	05/05/2005	Rain Event (0.5")	1-Log & 1-Rock check dam with native materials 85' from fence line.	6/3/2005	New Installation
16-028(e)	Industrial or sanitary wastewater treatment	47.2	Water/Valle	W-SMA-2	2005	5/27/2005	Straw Wattles	1/1/2000	5/5/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
16-029(s)	Sump	45.5	Water/Valle	CDV-SMA-0.5		Sample not collected for this reporting period.	Berm (Earth)	1/1/2000	No record for this reporting period.	N/A			
16-029(t)	Sump	41.5	Water/Valle	CDV-SMA-0.5		Sample not collected for this reporting period.	Berm (Earth)	1/1/2000	No record for this reporting period.	N/A			
16-030(g)	Outfall	71	Water/Valle	W-SMA-9	2005	Sample not collected for this reporting period.	Check Dam (Rock) Mulch (Straw) Riprap (General) Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000	4/25/2005 6/9/2005	Rain Event (0.5") Rain Event (0.5")			
18-003(c)	Septic system	62.3	Pajarito	TBD	2005	Sample not collected for this reporting period.	Silt Fence	1/1/2000	05/10/2005	Rain Event (0.5")			
18-010(d)	Outfall	46.2	Pajarito	TBD	2005	Sample not collected for this reporting period.	None	N/A	05/10/2005	Rain Event (0.5")			
18-010(f)	Outfall	62.3	Pajarito	TBD	2005	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Riprap (General)	1/1/2000 1/1/2000	05/10/2005	Rain Event (0.5")			
18-012(e)	Outfall	59.2	Pajarito	TBD	2005	Sample not collected for this reporting period.	None	N/A	05/10/2005	Rain Event (0.5")			
18-012(b)	Outfall	46.6	Pajarito	TBD	2005	Sample not collected for this reporting period.	None	N/A	05/10/2005	Rain Event (0.5")			
20-002(a)	Firing site	48.6	Sandia	S-SMA-3.9		4/25/2005 5/03/2005	None	N/A	No record for this reporting period.	N/A			
20-002(c)	Firing site	73.8	Sandia	S-SMA-5	2004	Sample not collected for this reporting period.	Check Dam (Rock) Gabions (Channel Stabilization) Silt Fence Straw Bale Barrier Straw Wattles	11/23/2004 11/23/2004 11/23/2004 11/23/2004 5/12/2005	05/09/2005	Rain Event (0.5")	2-Straw Wattles north of the berm at 6ft and 10ft.	5/12/2005	New Installation
20-003(c)	Firing site	57.4	Sandia	S-SMA-5.1	2005	Sample not collected for this reporting period.	Check Dam (Rock)	5/17/2005	05/09/2005	Rain Event (0.5")	4-Rock check dams south of sampler. 20', 75', 100', and 135' from sampler.	5/17/2005	New Installation
21-011(c)	Tank and sump	54	LA/Pueblo	DP-SMA-0.9	2005	Sample not collected for this reporting period.	Riprap (General) Run-On Diversion Straw Wattles	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
21-011(k)	Outfall	72	LA/Pueblo	DP-SMA-1	2004	Sample not collected for this reporting period.	Berm (Earth) Silt Fence Straw Wattles Check Dam (Rock) Riprap (General)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 4/22/2005	4/19/2005 6/21/2005	Rain Event (0.5") Quarterly	Riprap installed on mesa top below culvert. Reattach silt fence.	4/22/2005 6/28/2005	New Installation Repair
21-013(b)	Surface disposal site	67	LA/Pueblo	LA-SMA-6	2004	Sample not collected for this reporting period.	Asphalt / Concrete Straw Wattles	1/1/2000 11/6/2004	04/19/2005	Rain Event (0.5")			
21-013(g)	Surface disposal site	67	LA/Pueblo	LA-SMA-6	2004	Sample not collected for this reporting period.	Geogages / Enviroberms Straw Wattles	11/6/2004 11/6/2004	04/19/2005	Rain Event (0.5")			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information			Inspection and Maintenance Information			
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
21-016(a)	Material disposal area (MDA T)	54	LA/Pueblo	DP-SMA-0.9	2005	Sample not collected for this reporting period.	Riprap (General) Run-On Diversion Straw Wattles	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
21-016(b)	Material disposal area (MDA T)	54	LA/Pueblo	DP-SMA-0.9	2005	Sample not collected for this reporting period.	Riprap (General) Run-On Diversion Straw Wattles	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
21-016(c)	Material disposal area (MDA T)	54	LA/Pueblo	DP-SMA-0.9	2005	Sample not collected for this reporting period.	Riprap (General) Run-On Diversion Straw Wattles	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
21-024(g)	Septic system	56	LA/Pueblo	LA-SMA-6	2005	Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles	1/1/2000 11/6/2004	04/19/2005	Rain Event (0.5")			
21-024(h)	Septic system	54	LA/Pueblo	DP-SMA-2	2005	Sample not collected for this reporting period.	None	N/A	04/19/2005	Rain Event (0.5")			
21-024(i)	Septic system	53.7	LA/Pueblo	LA-SMA-6.5	2005	Sample not collected for this reporting period.	Brush Barrier Straw Wattles	1/1/2000 1/1/2000	04/19/2005	Rain Event (0.5")			
21-027(a)	Industrial or sanitary wastewater treatment	52	LA/Pueblo	LA-SMA-6.3	2005	Sample not collected for this reporting period.	Berm (Asphalt) Swale	1/1/2000 1/1/2000	04/19/2005	Rain Event (0.5")			
21-027(d)	Drainline	45	LA/Pueblo	LA-SMA-6	2004	Sample not collected for this reporting period.	Georidges / Enviroberms Straw Bale Barrier Straw Wattles Swale	11/6/2004 1/1/2000 11/6/2004 1/1/2000	04/19/2005	Rain Event (0.5")			
21-029	Soil contamination area	56.6	LA/Pueblo	DP-SMA-0.3	2005	Sample not collected for this reporting period.	Jute Matting Silt Fence Straw Wattles	1/1/2000 1/1/2000 1/1/2000	04/19/2005	Rain Event (0.5")			
22-014(b)	Sump	56	Pajarito	2M-SMA-1.5		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
22-015(c)	Outfall	51.5	Pajarito	PJ-SMA-5		Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles	1/1/2000 8/31/2004	No record for this reporting period.	N/A			
26-001	Surface disposal site	65	LA/Pueblo	LA-SMA-9	2004	Sample not collected for this reporting period.	Straw Wattles	1/1/2000	05/09/2005	Rain Event (0.5")			
32-001	Drainline and outfall	42	LA/Pueblo	LA-SMA-5.4	2005	Sample not collected for this reporting period.	Berm (Earth) Check Dam (Rock) Straw Bale Barrier	1/1/2000 1/1/2000 1/1/2000	05/09/2005	Rain Event (0.5")			
33-004(d)	Septic system	56	Chaquehui	CHQ-SMA-2		Sample not collected for this reporting period.	Georidges / Enviroberms Mulch (Wood Chip)	1/01/2000 1/01/2000	06/08/2005	Rain Event (0.5")			
33-004(h)	Outfall	56.6	Chaquehui	CHQ-SMA-1		Sample not collected for this reporting period.	Berm (Earth)	1/1/2000	5/9/2005 6/8/2005	Rain Event (0.5") Rain Event (0.5")			
33-004(j)	Outfall	85	Chaquehui	CHQ-SMA-6		Sample not collected for this reporting period.	Check Dam (Rock)	1/1/2000	06/08/2005	Rain Event (0.5")			
33-005(a)	Septic system	49	Chaquehui	CHQ-SMA-2		Sample not collected for this reporting period.	Base Coarse Berm (Base Coarse) Jute Matting	1/1/2000 1/1/2000 6/23/2005	06/08/2005	Rain Event (0.5")	2-Straw wattles.	6/23/2005	New Installation/Repair
33-005(b)	Septic system	49	Chaquehui	CHQ-SMA-2		Sample not collected for this reporting period.	Base Coarse Berm (Base Coarse) Jute Matting	1/1/2000 1/1/2000 6/23/2005	06/08/2005	Rain Event (0.5")	2-Straw wattles.	6/23/2005	New Installation/Repair
33-005(c)	Septic system	49	Chaquehui	CHQ-SMA-2		Sample not collected for this reporting period.	Base Coarse Berm (Base Coarse) Jute Matting	1/1/2000 1/1/2000 6/23/2005	06/08/2005	Rain Event (0.5")	2-Straw wattles.	6/23/2005	New Installation/Repair

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
33-006(a)	Firing site (inactive)	56	Chaquehui	CHQ-SMA-6		Sample not collected for this reporting period.	Jute Matting (Poly) Silt Fence Straw Bale Barrier Check Dam (Rock)	1/1/2000 1/1/2000 1/1/2000 1/1/2000	06/08/2005	Rain Event (0.5")	2 check dams. One massive along fence line. One up stream in channel.	6/22/2005	New Installation/Repair
33-007(b)	Firing range (inactive)	59.3	Chaquehui	CHQ-SMA-5		Sample not collected for this reporting period.	Berm (Earth) Georidges / Enviroberms Jute Matting Reinforcement (Rock) Riprap (General) Silt Fence Straw Bale Barrier Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
33-007(b)	Firing range (inactive)	59.3	Chaquehui	CHQ-SMA-6		Sample not collected for this reporting period.	Berm (Earth) Georidges / Enviroberms Jute Matting Reinforcement (Rock) Riprap (General) Silt Fence Straw Bale Barrier Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
33-008(c)	Landfill	56	Chaquehui	CHQ-SMA-1		Sample not collected for this reporting period.	Georidges / Enviroberms Mulch (Wood Chip) Check Dam (Rock)	1/1/2000 1/1/2000 6/22/2005	06/08/2005	Rain Event (0.5")	3-check dams. 2-large up stream side of culvert/road and one large check dam down stream of culvert/road.	6/22/2005	New Installation.
33-010(a)	Surface disposal	53.2	Ancho	A-SMA-6		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			
33-010(b)	Surface disposal	45	Ancho	A-SMA-5		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			
33-010(c)	Surface disposal	60.5	Chaquehui	CHQ-SMA-6		Sample not collected for this reporting period.	Check Dam (Rock) Jute Matting (Poly) Silt Fence Straw Bale Barrier	1/1/2000 1/1/2000 1/1/2000 1/1/2000	06/08/2005	Rain Event (0.5")	2 check dams. One massive along fence line. One up stream in channel.	6/22/2005	New Installation/Repair
33-010(d)	Surface disposal	45	Ancho	A-SMA-4		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			
33-010(f)	Surface disposal	47.2	Chaquehui	CHQ-SMA-3		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			
33-010(g)	Surface disposal	47.8	Chaquehui	CHQ-SMA-6		Sample not collected for this reporting period.	Mulch (Wood Chip) Straw Wattles	1/1/2000 1/1/2000	06/08/2005	Rain Event (0.5")			
33-010(h)	Surface disposal	47.8	Chaquehui	CHQ-SMA-7		Sample not collected for this reporting period.	Mulch (Wood Chip) Straw Wattles	1/1/2000 1/1/2000	06/08/2005	Rain Event (0.5")			
33-011(b)	Storage area	49	Chaquehui	CHQ-SMA-4.5		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			
33-015	Incinerator	50.8	Chaquehui	CHQ-SMA-1		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			
33-016	Sump	54.5	Chaquehui	CHQ-SMA-4		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			
35-003(d)	Wastewater treatment facility	59	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
35-003(h)	Wastewater treatment facility	44.2	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
35-003(f)	Wastewater treatment facility	59	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
35-003(p)	Wastewater treatment facility	50.8	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	Asphalt / Concrete Base Course Swale	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
35-003(q)	Wastewater treatment facility	59	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
35-004	Outfall	87	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	Check Dam (Rock) Straw Watties	1/1/2000 1/1/2000	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
35-004(h)	Container storage area	50.8	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	Base Coarse Berm (Earth)	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
35-008	Surface disposal and landfill	61	Mortandad	M-SMA-10	2004	Sample not collected for this reporting period.	Geotextiles (Natural) Check Dam (Rock)	1/1/2000 5/18/2005	04/19/2005	Rain Event (0.5")	2-Rock check dams installed 35' and 55' south of sampler.	5/18/2005	New Installation
35-014(e)	Oil Spill	61	Mortandad	M-SMA-10	2004	Sample not collected for this reporting period.	Geotextiles (Natural) Check Dam (Rock)	1/1/2000 5/18/2005	04/21/2005	Rain Event (0.5")	2-Rock check dams installed 35' and 55' south of sampler.	5/18/2005	New Installation
35-014(e2)	Oil Spill	45.6	Mortandad	M-SMA-10.3		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
35-016(a)	Drains and outfalls	92	Mortandad	T-SMA-5	2004	Sample not collected for this reporting period.	Berm (Earth) Wetland (Artificial)	1/1/2000 1/1/2000	04/19/2005	Rain Event (0.5")			
35-016(b)	Outfall	96	Mortandad	T-SMA-3	2004	Sample not collected for this reporting period.	Check Dam (Rock)	5/18/2000	04/19/2005	Rain Event (0.5")	10-Check dams installed at various distances north of sampler.	5/18/2005	New Installation
35-016(c)	Outfall	47.2	Mortandad	T-SMA-4	2004	Sample not collected for this reporting period.	Outlet Protection (Rock)	1/1/2000	05/09/2005	Rain Event (0.5")			
35-016(d)	Outfall	76.5	Mortandad	T-SMA-4	2004	Sample not collected for this reporting period.	Check Dam (Rock) Gabions (Channel Stabilization) Retention Structure Riprap (Outlet Protection) Straw Watties	3/15/2005 1/1/2000 1/1/2000 1/1/2000 3/15/2005	04/19/2005	Rain Event (0.5")			
35-016(e)	Outfall	72	Mortandad	M-SMA-10	2004	Sample not collected for this reporting period.	Straw Watties Geotextiles (Synthetic) Check Dam (Rock)	1/1/2000 1/1/2000 5/18/2005	04/19/2005	Rain Event (0.5")	2-Rock check dams installed 35' and 55' south of sampler.	5/18/2005	New Installation
35-016(f)	Storm drain	76.5	Mortandad	M-SMA-9		Sample not collected for this reporting period.	Geotextiles (Synthetic) Straw Watties Check Dam (Rock)	1/1/2000 5/19/2005 5/19/2005	04/19/2005	Rain Event (0.5")	1-Straw Wattle installed 20' south of rock check dam. 1-Rock check dam installed 45' south of sampler.	5/19/2005	New Installation
35-016(g)	Outfall	68.3	Mortandad	M-SMA-7	2004	Sample not collected for this reporting period.	Check Dam (Rock) Check Dam (Rock)	5/18/2005 1/1/2000	04/19/2005	Rain Event (0.5")	1-Rock check dam 20' south of sampler.	5/18/2005	New Installation
35-016(h)	Storm drain	76.5	Mortandad	M-SMA-6	2004	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Check Dam (Rock) Check Dam (Rock) Riprap (General)	1/1/2000 5/18/2005 1/1/2000 1/1/2000	04/19/2005	Rain Event (0.5")	1-Rock check dam 20' south of sampler.	5/18/2005	New Installation
35-016(i)	Storm drain	76.5	Mortandad	M-SMA-7	2004	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Check Dam (Rock) Check Dam (Rock) Riprap (General)	1/1/2000 5/18/2005 1/1/2000 1/1/2000	04/19/2005	Rain Event (0.5")	1-Rock check dam 20' south of sampler.	5/18/2005	New Installation

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
35-016(i)	Drains and outfalls	61	Mortandad	M-SMA-10.3		Sample not collected for this reporting period.	Geotextiles (Natural)	1/1/2000	04/19/2005	Rain Event (0.5")			
35-016(k)	Drains and outfalls	53	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	None	N/A	05/09/2005	Rain Event (0.5")			
35-016(l)	Storm drain	64	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	Riprap (General)	1/1/2000	04/19/2005	Rain Event (0.5")			
35-016(m)	Drains and outfalls	72	Mortandad	Pratt-SMA-1	2004	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Geotextiles (Natural) Swale	1/1/2000 1/1/2000 1/1/2000	04/19/2005	Rain Event (0.5")	Remove sediment behind gabion and within swale	6/14/2005	Remove Sediment
35-016(n)	Storm drain	42.8	Mortandad	T-SMA-2.8		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
35-016(o)	Drains and outfalls	60.3	Mortandad	M-SMA-11	2004	Sample not collected for this reporting period.	Riprap (Outlet Protection) Check Dam (Log) Check Dam (Rock)	1/1/2000 6/15/2005 6/15/2005	04/19/2005	Rain Event (0.5")	3-Log and rock check dams using native materials at 45', 100', and 150'.	6/15/2005	New Installation
35-016(p)	Outfall	60.3	Mortandad	M-SMA-12	2004	Sample not collected for this reporting period.	Georidges / Enviroberms Check Dam (Log) Check Dam (Rock)	5/25/2005 6/15/2005 6/15/2005	04/19/2005	Rain Event (0.5")	2-Georidges installed along trail. Log and rock check dam using native materials at 25' south of sampler.	5/25/2005 6/15/2004	New Installation New Installation
35-016(q)	Drains and outfalls	92	Mortandad	T-SMA-6	2004	Sample not collected for this reporting period.	Berm (Earth) Geotextiles (Natural) Wetland (Artificial)	1/1/2000 1/1/2000 1/1/2000	04/19/2005	Rain Event (0.5")			
36-001	Material disposal area (MDA AA)	45.7	Water/Valle	PT-SMA-4		Sample not collected for this reporting period.	Check Dam (Rock) Gabions (Channel Stabilization) Riprap (General) Riprap (Outlet Protection) Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
36-003(b)	Septic system, I-J Site	50.2	Water/Valle	PT-SMA-2		Sample not collected for this reporting period.	Georidges / Enviroberms Straw Wattles	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
36-004(a)	Firing site (active)	48.5	Water/Valle	PT-SMA-3	2005	Sample not collected for this reporting period.	Check Dam (Rock) Jute Matting Jute Matting (Poly)	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
36-004(b)	Firing site (active)	57.3	Water/Valle	F-SMA-1	2005	Sample not collected for this reporting period.	Berm (Earth) Channel (Diversion) Jersey Barrier	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
36-004(c)	Firing site - open detonation (active)	68.3	Water/Valle	F-SMA-2	2005	Sample not collected for this reporting period.	Berm (Earth) Channel (Diversion)	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
36-004(e)	I-J Firing Site (active)	57.3	Water/Valle	PT-SMA-2		Sample not collected for this reporting period.	Berm (Asphalt) Berm (Earth) Check Dam (Rock) Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
36-005	Surface disposal site	45.4	Water/Valle	F-SMA-2	2005	Sample not collected for this reporting period.	Mulch (Wood Chip)	1/1/2000	No record for this reporting period.	N/A			
36-006	Surface disposal site	78	Water/Valle	PT-SMA-3	2005	Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

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Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
36-008	NEW SWMU - Surface disposal area located near TA-36-1	52	Pajarito	3M-SMA-3		Sample not collected for this reporting period.	Berm (Earth) Straw Wattles	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
39-004(a)	Firing site	74	Ancho	A-SMA-1	2005	Sample not collected for this reporting period.	Asphalt / Concrete Asphalt / Concrete Sandbags	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
39-004(b)	Firing site	74.5	Ancho	A-SMA-2	2005	Sample not collected for this reporting period.	Check Dam (Rock) Sandbags Straw Wattles	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
39-004(c)	Firing site 39-6 (open detonation) - RCRA Unit (active)	74.5	Ancho	A-SMA-3	2005	Sample not collected for this reporting period.	Berm (Earth) Jute Matting	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
39-004(d)	Firing site 39-57 (open detonation) - RCRA Unit (active)	74	Ancho	A-SMA-1	2005	Sample not collected for this reporting period.	Berm (Earth) Retention Structure Sandbags	1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
39-004(e)	Firing site (active)	78.5	Ancho	A-SMA-2		Sample not collected for this reporting period.	Check Dam (Rock)	1/1/2000	No record for this reporting period.	N/A			
40-003(a)	Scrap burn site - completed RCRA closure	46.3	Pajarito	PJ-SMA-11		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
40-003(b)	Burning area/open detonation (closure)	46.3	Pajarito	PJ-SMA-11		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
40-006(a)	Firing site (active)	56.2	Pajarito	PJ-SMA-10		Sample not collected for this reporting period.	Berm (Base Course) Riprap (General)	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
40-006(b)	Firing site (active)	62	Pajarito	PJ-SMA-8	2005	Sample not collected for this reporting period.	Berm (Earth) Straw Wattles	1/1/2000 1/1/2000	04/25/2005	Rain Event (0.5")			
40-006(c)	Firing site (active)	62	Pajarito	PJ-SMA-7	2005	Sample not collected for this reporting period.	Berm (Earth) Straw Wattles	1/1/2000 1/1/2000	04/25/2005	Rain Event (0.5")			
40-009	Landfill	54.5	Pajarito	PJ-SMA-8		Sample not collected for this reporting period.	Check Dam (Rock) Riprap (General) Straw Wattles	1/1/2000 8/31/2004 1/1/2000	No record for this reporting period.	N/A			
40-010	Surface disposal site	40.2	Pajarito	PJ-SMA-6		Sample not collected for this reporting period.	Check Dam (Rock) Check Dam (Rock) Riprap (General) Straw Wattles	8/31/2004 1/1/2000 8/31/2004 1/1/2000	No record for this reporting period.	N/A			
42-001(a)	Incinerator (former location)	65.8	Mortandad	M-SMA-5	2004	Sample not collected for this reporting period.	Berm (Base Course) Straw Wattles Check Dam (Rock)	1/1/2000 5/18/2005 5/18/2005	04/21/2005	Rain Event (0.5")	Native rock check dam 15-20 ft south of sampler.	5/18/2005	New Installation
42-001(b)	Ash storage tank (former location)	65.8	Mortandad	M-SMA-5	2004	Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles	5/18/2005 5/18/2005	04/21/2005	Rain Event (0.5")	Native rock check dam 15-20 ft south of sampler. 2-Straw Wattle located 15' north of sampler and south of check dam.	5/18/2005	New Installation

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
42-001(c)	Ash storage tank (former location)	65.8	Mortandad	M-SMA-5	2004	Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles	5/18/2005 5/18/2005	04/21/2005	Rain Event (0.5")	Native rock check dam 15-20 ft south of sampler. 2-Straw Wattle located 15' north of sampler and south of check dam.	5/18/2005	New Installation
42-002(a)	Decontamination facility (former location)	65.8	Mortandad	M-SMA-5	2004	Sample not collected for this reporting period.	Berm (Base Coarse) Straw Wattles Check Dam (Rock)	1/1/2000 5/18/2005 5/18/2005	04/21/2005	Rain Event (0.5")	Native rock check dam 15-20 ft south of sampler. 2-Straw Wattle located 15' north of sampler and south of check dam.	5/18/2005	New Installation
42-002(b)	Decontamination facility driveway (former location)	65.8	Mortandad	M-SMA-5	2004	Sample not collected for this reporting period.	Berm (Base Coarse) Straw Wattles Check Dam (Rock)	1/1/2000 5/18/2005 5/18/2005	04/21/2005	Rain Event (0.5")	Native rock check dam 15-20 ft south of sampler. 2-Straw Wattle located 15' north of sampler and south of check dam.	5/18/2005	New Installation
45	Wastewater treatment facility	50.3	LA/Pueblo	ACID-SMA-2	2004	Sample not collected for this reporting period.	Check Dam (Rock) Jersey Barrier Silt Fence	1/1/2000 4/26/2005 1/1/2000	4/18/2005	Rain Event (0.5")	Jersey Barriers were installed around the NW-NE rim of site.	4/26/2005	New Installation
45-004	Sanitary sewer outfall	50.2	LA/Pueblo	ACID-SMA-2	2004	Sample not collected for this reporting period.	Silt Fence Check Dam (Rock) Jersey Barrier	1/1/2000 1/1/2000 4/26/2005	4/18/2005 6/21/2005	Rain Event (0.5") Quarterly	Jersey Barriers were installed around the NW-NE rim of site. Silt Fencing removed.	4/26/2005 7/8/2005	New Installation Removal
46-002	Surface impoundment	52.8	Mortandad	CDB-SMA-2	2004	Sample not collected for this reporting period.	Straw Wattles	5/18/2005	05/09/2005	Rain Event (0.5")	Installation of two straw wattles 15' north of CDB-SMA-2.	5/18/2005	New Installation
46-003(a)	Septic system	44.7	Mortandad	CDB-SMA-1		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
46-003(b)	Septic system	55.5	Mortandad	CDB-SMA-1.6		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
46-003(e)	Septic system	50.8	Mortandad	CDB-SMA-1.6		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
46-004(a)	Waste line	49	Mortandad	CDB-SMA-1.1		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
46-004(a2)	Outfall	49	Mortandad	CDB-SMA-1.3		Sample not collected for this reporting period.	Straw Wattles Asphalt / Concrete Berm (Base Coarse) Check Dam (Rock) Felled Trees Geotextiles / Enviroberms Mulch (Straw) Reseed Riprap (General) Sandbags	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(c2)	Outfall	49	Mortandad	CDB-SMA-0.2		Sample not collected for this reporting period.	Check Dam (Rock) Straw Wattles Asphalt / Concrete Berm (Base Course) Mulch (Straw) Reseed Riprap (General)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
46-004(d2)	Stack emissions	56	Mortandad	CDB-SMA-1		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
46-004(g)	Outfall / stack emissions	56	Mortandad	CDB-SMA-0.5		Sample not collected for this reporting period.	Berm (Basecourse) Check Dam (Rock) Mulch (Straw) Reseed	1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(h)	Outfall / stack emissions	56	Mortandad	CDB-SMA-1.5		Sample not collected for this reporting period.	Berm (Basecourse) Check Dam (Rock) Gabions (Channel Stabilization) Mulch (Straw)	1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(i)	Outfall	49	Mortandad	CDB-SMA-0.5		Sample not collected for this reporting period.	Straw Wattles Berm (Base Course) Check Dam (Rock) Gabions (Channel Stabilization) Mulch (Straw)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(q)	Outfall	45	Mortandad	CDB-SMA-1.5		Sample not collected for this reporting period.	Berm (Base Course) Check Dam (Rock) Gabions (Channel Stabilization) Mulch (Straw) Reseed Riprap (General) Straw Bale Barrier	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(s)	Outfall		Mortandad	CDB-SMA-1		Sample not collected for this reporting period.	Straw Wattles Asphalt / Concrete Berm (Base Course) Berm (Earth) Check Dam (Rock) Jute Matting Mulch (Straw) Reseed	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(t)	Outfall	68.3	Mortandad	CDB-SMA-1		Sample not collected for this reporting period.	Riprap (General)	1/1/2000	No record for this reporting period.	N/A			
46-004(u)	Outfall	45	Mortandad	CDB-SMA-1.3		Sample not collected for this reporting period.	Straw Wattles Berm (Base Course) Check Dam (Rock) Felled Trees Mulch (Straw) Reseed Riprap (General)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(v)	Outfall	45	Mortandad	CDB-SMA-1.3		Sample not collected for this reporting period.	Straw Wattles Berm (Base Course) Check Dam (Rock) Felled Trees Mulch (Straw) Reseed Riprap (General)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(x)	Outfall	49	Mortandad	CDB-SMA-1.3		Sample not collected for this reporting period.	Straw Wattles Berm (Base Course) Check Dam (Rock) Mulch (Straw) Reseed Reseed	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
46-004(y)	Outfall	49	Mortandad	CDB-SMA-1.1		Sample not collected for this reporting period.	Berm (Base Course) Check Dam (Rock) Felled Trees Mulch (Straw) Reseed Riprap (General)	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-004(z)	Outfall	49	Mortandad	CDB-SMA-1.1		Sample not collected for this reporting period.	Straw Watties Berm (Base Course) Check Dam (Rock) Mulch (Straw) Reseed Reseed	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-005	Surface impoundment	52.8	Mortandad	CDB-SMA-1.7		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
46-006(d)	Operational release	49	Mortandad	CDB-SMA-1.1		Sample not collected for this reporting period.	Asphalt / Concrete Asphalt / Concrete Asphalt / Concrete Berm (Asphalt) Berm (Base Coarse) Check Dam (Rock) Mulch (Straw) Reseed Swale	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-006(d)	Operational release	49	Mortandad	CDB-SMA-1.3		Sample not collected for this reporting period.	Asphalt / Concrete Asphalt / Concrete Asphalt / Concrete Berm (Asphalt) Berm (Base Coarse) Check Dam (Rock) Mulch (Straw) Reseed Swale	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-006(f)	Operational release	49	Mortandad	CDB-SMA-1.5		Sample not collected for this reporting period.	Asphalt / Concrete Asphalt / Concrete Asphalt / Concrete Berm (Asphalt) Berm (Base Coarse) Check Dam (Rock) Mulch (Straw) Reseed Swale	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-008(g)	Storage area	68.3	Mortandad	CDB-SMA-1		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
46-009(a)	Surface disposal	57	Mortandad	CDB-SMA-1		Sample not collected for this reporting period.	Check Dam (Rock) Riprap (General)	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
46-009(b)	Surface disposal	70	Mortandad	CDB-SMA-2	2004	Sample not collected for this reporting period.	Berm (Earth) Geotextiles (Natural) Straw Watties	1/1/2000 1/1/2000 5/18/2005	05/09/2005	Rain Event (0.5")	Installation of two straw watties 15' north of CDB-SMA-2.	5/18/2005	New Installation

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
48-003	Septic system	40.7	Mortandad	M-SMA-3.5		Sample not collected for this reporting period.	Berm (Earth) Check Dam (Rock) Mulch (Straw) Reseed Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	No record for this reporting period.	N/A			
48-007(a)	Drains and outfalls	55.8	Mortandad	M-SMA-4	2004	Sample not collected for this reporting period.	Berm (Earth) Gabions (Channel Stabilization) Gabions (Channel Stabilization) Jute Matting Outlet Protection (Rock) Riprap (General) Straw Wattles	1/1/2000 5/18/2005 1/1/2000 1/1/2000 1/1/2000 1/1/2000 5/18/2005	05/09/2005	Rain Event (0.5")	3-Straw Wattles, and extend Gabion (added more rock).	5/18/2005	New Installation
48-007(b)	Drains and outfalls	49.3	Mortandad	M-SMA-3.1		Sample not collected for this reporting period.	Berm (Earth) Check Dam (Rock) Mulch (Wood Chip) Reseed Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 5/9/2001	No record for this reporting period.	N/A			
48-007(c)	Drains and outfalls	69.5	Mortandad	M-SMA-3	2004	Sample not collected for this reporting period.	Silt Dike Straw Wattles Check Dam (Rock) Riprap (Outlet Protection)	1/1/2000 5/17/2004 1/1/2000 5/17/2004	04/21/2005	Rain Event (0.5")	1-Straw Wattle along fence line on the south side of the road. Outlet protection located 5ft. south of the sampler on the north side of the road.	5/17/2004	New Installation
48-007(d)	Drains and outfalls	55.8	Mortandad	M-SMA-4	2004	Sample not collected for this reporting period.	Berm (Earth) Check Dam (Rock) Gabions (Channel Stabilization) Gabions (Channel Stabilization) Jute Matting Outlet Protection (Rock) Riprap (General) Straw Wattles	1/1/2000 1/1/2005 1/1/2000 5/18/2005 1/1/2000 1/1/2000 1/1/2000 5/18/2005	05/09/2005	Rain Event (0.5")	3-Straw Wattles, and extend Gabion (add more rock).	5/18/2005	New Installation
48-007(f)	Drains and outfalls	62	Mortandad	M-SMA-2	2004	Sample not collected for this reporting period.	Straw Wattles Straw Wattles Check Dam (Rock) Check Dam (Rock)	4/17/2005 1/1/2000 5/17/2005 1/1/2000	04/21/2005	Rain Event (0.5")	1-Straw Wattle along fence line; south of sampler. 1-Rock Check dam 5ft. south of sampler, 10' from wattle.	5/17/2005	New Installation
48-010	Surface impoundment	62	Mortandad	M-SMA-4	2004	Sample not collected for this reporting period.	Gabions (Channel Stabilization) Gabions (Channel Stabilization) Riprap (General) Straw Wattles Straw Wattles Wetland (Artificial)	1/1/2000 5/18/2005 1/1/2000 5/18/2005 1/1/2000 1/1/2000	04/21/2005	Rain Event (0.5")	3-Straw Wattles, and extend Gabion (add more rock).	5/18/2005	New Installation
49-001(a)	Material disposal area (MDA AB) (experimental shafts)	52.6	Water/Valle	W-SMA-13		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
49-001(g)	Material disposal area (MDA AB) (miscellaneous)	52.6	Water/Valle	W-SMA-12		Sample not collected for this reporting period.	Check Dam (Rock) Felled Trees Riprap (General) Riprap (Outlet Protection) Silt Fence Straw Wattles	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	06/07/2005	Rain Event (0.5")	Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
49-005(a)	Landfill (east of Area 10)	53.7	Water/Valle	W-SMA-15		Sample not collected for this reporting period.	Check Dam (Rock) Felled Trees Straw Bale Barrier	1/1/2000 1/1/2000 1/1/2000	06/07/2005	Rain Event (0.5")			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
50-006(a)	Operational release	53.7	Mortandad	T-SMA-1	2004	Sample not collected for this reporting period.	None	N/A	4/21/2005 6/29/2005	Rain Event (0.5") Quarterly	Quarterly inspections & BMP installation/maintenance conducted per requirements of TA-50 MSGP SWPP Plan. BMP installation deferred due to safety issues.		
50-006(d)	Effluent discharge	43.8	Mortandad	M-SMA-8	2004	4/24/2005 5/03/2005	Straw Wattles	1/1/2000	4/21/2005 6/29/2005	Rain Event (0.5") Quarterly	Quarterly inspections & BMP installation/maintenance conducted per requirements of TA-50 MSGP SWPP Plan.		
50-006	Material disposal area (MDA C)	43.8	Mortandad	T-SMA-1	2004	Sample not collected for this reporting period.	None	N/A	5/9/2005 6/29/2005	Rain Event (0.5") Quarterly	Quarterly inspections & BMP installation/maintenance conducted per requirements of TA-50 MSGP SWPP Plan. Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
53-002(a)	Disposal lagoon (NE, NW impoundments) (inactive)	47.8	LA/Pueblo	LA-SMA-10	2004	Sample not collected for this reporting period.	Mulch (Straw) Riprap (Outlet Protection)	1/1/2000 1/1/2000	04/29/2005	Rain Event (0.5")			
53-006	Storage area, Boneyard	61.8	LA/Pueblo	LA-SMA-10	2004	Sample not collected for this reporting period.	Mulch (Straw) Riprap (Outlet Protection)	1/1/2000 1/1/2000	04/29/2005	Rain Event (0.5")			
53-014	Soil Contamination, lead storage site II	80.5	Sandia	S-SMA-4	2004	5/3/2005	Check Dam (Rock)	05/17/2005	04/29/2005	Rain Event (0.5")	5-Large Check Dams (Rock)	5/17/2005	New Installation
54-004	Material disposal area (MDA H)	45.6	Pajarito	PJ-SMA-14		Sample not collected for this reporting period.	Berm (Earth) Sediment Trap	1/1/2000 1/1/2000	6/29/2005	Quarterly	Inspections & BMP installation/maintenance conducted per requirements of TA-54 MSGP SWPP Plan. Nuclear Environmental Site; BMP installation pending completion of integrated work documentation. Draft complete June 30, 2005 awaiting pier review, August 15, 2005.		New Installation (Planned)
54-014(d)	Material disposal area (MDA G) storage trenches A, B, C, D	66.5	Pajarito	PJ-SMA-15	2004	4/16/2005 4/24/2005 5/01/2005 5/03/2005	Jersey Barrier Sediment Trap Silt Fence	1/1/2000 1/1/2000 1/1/2000	6/29/2005	Quarterly	Inspections & BMP installation/maintenance conducted per requirements of TA-54 MSGP SWPP Plan.		
54-017	Material disposal area (MDA G) disposal pits 16, 22 (active before 11/19/80)	62	Mortandad	CDB-SMA-4	2004	Sample not collected for this reporting period.	Berm (Asphalt) Berm (Earth) Check Dam (Rock) Riprap (General) Sediment Trap Silt Fence Straw Bale Barrier Straw Wattles Weir	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	6/29/2005	Quarterly	Inspections & BMP installation/maintenance conducted per requirements of TA-54 MSGP SWPP Plan.		
54-017	Material disposal area (MDA G) disposal pits 16, 22 (active before 11/19/80)	62	Pajarito	PJ-SMA-15	2004	4/16/2005 4/24/2005 5/01/2005 5/03/2005	Berm (Asphalt) Berm (Earth) Check Dam (Rock) Riprap (General) Sediment Trap Silt Fence Straw Bale Barrier Straw Wattles Weir	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	6/29/2005	Quarterly	Inspections & BMP installation/maintenance conducted per requirements of TA-54 MSGP SWPP Plan.		
54-018	Material disposal area (MDA G) disposal pits 27-33,35-37 (active after 11/19/80)	52.6	Mortandad	CDB-SMA-4	2004	Sample not collected for this reporting period.	Check Dam (Rock) Riprap (General) Sediment Trap Silt Fence Swale	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	6/29/2005	Quarterly	Inspections & BMP installation/maintenance conducted per requirements of TA-54 MSGP SWPP Plan.		

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
54-018	Material disposal area (MDA G) disposal pits 27-33,35-37 (active after 11/19/80)	52.6	Pajarito	PJ-SMA-15	2004	4/16/2005 4/24/2005 5/01/2005 5/03/2005	Check Dam (Rock) Riprap (General) Sediment Trap Silt Fence Swale	1/1/2000 1/1/2000 1/1/2000 1/1/2000 1/1/2000	6/29/2005	Quarterly	Inspections & BMP installation/maintenance conducted per requirements of TA-54 MSGP SWPP Plan.		
54-020	Material disposal area (MDA G) disposal shafts (active after 11/19/80)	53.7	Mortandad	CDB-SMA-4	2004	Sample not collected for this reporting period.	Jersey Barrier Sediment Trap Silt Fence	1/1/2000 1/1/2000 1/1/2000	6/29/2005	Quarterly	Inspections & BMP installation/maintenance conducted per requirements of TA-54 MSGP SWPP Plan.		
54-020	Material disposal area (MDA G) disposal shafts (active after 11/19/80)	53.7	Pajarito	PJ-SMA-15	2004	4/16/2005 4/24/2005 5/01/2005 5/03/2005	Jersey Barrier Sediment Trap Silt Fence	1/1/2000 1/1/2000 1/1/2000	6/29/2005	Quarterly	Inspections & BMP installation/maintenance conducted per requirements of TA-54 MSGP SWPP Plan.		
60	Systematic or intent. prod. release	43.8	Sandia	S-SMA-3.6		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
61-007	Transformer site - systematic leak - PCB only site	43.8	LA/Pueblo	na		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
72-001	Firing range	84.3	Sandia	S-SMA-6	2004	Sample not collected for this reporting period.	Berm (Earth)	1/1/2000	No record for this reporting period.	N/A			
73-001(a)	Landfill	85.5	LA/Pueblo	P-SMA-1	2004	Sample not collected for this reporting period.	Mulch (Wood Chip) Riprap (General) Sandbags Swale	1/1/2000 1/1/2000 1/1/2000 1/1/2000	04/21/2005	Rain Event (0.5")			
73-002	Incinerator surface disposal	56	LA/Pueblo	P-SMA-2	2005	Sample not collected for this reporting period.	Berm (Base Course) Berm (Base Course) Channel (Diversion) Jute Matting Straw Wattles Check Dam (Rock) Riprap (General) Swale	9/7/2004 1/1/2000 1/1/2000 1/1/2000 1/1/2000 6/4/2000 1/1/2000 1/1/2000	4/21/2005 6/21/2005	Rain Event (0.5") Quarterly			
73-004(d)	Septic tank (landfill)	46.7	LA/Pueblo	P-SMA-1	2004	Sample not collected for this reporting period.	None	N/A	04/21/2005	Rain Event (0.5")			
73	Airport building outfalls	56	LA/Pueblo	P-SMA-2	2005	Sample not collected for this reporting period.	Berm (Base Course) Berm (Base Course) Geotextiles (Natural) Straw Wattles	9/7/2004 1/1/2000 1/1/2000 1/1/2000	04/21/2005	Rain Event (0.5")			
C-00-041	Asphalt and tar remnant site	42.8	LA/Pueblo	R-SMA-1	2005	5/3/2005	Check Dam (Rock) Check Dam (Rock) Gabions (Channel Stabilization) Riprap (General)	1/1/2000 5/16/2005 5/16/2005 1/1/2000	No record for this reporting period.	N/A	5-Check dams 25ft apart and 25ft east and west of gabions. 4-Gabions at 45 degree angles within channel.	5/16/2005	New Installation
C-15-004	Transformers - PCB only site	43.8	Water/Valle	PT-SMA-0.5		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			
C-15-007	Non-intentional release	51.5	Water/Valle	CDV-SMA-8		Sample not collected for this reporting period.	Straw Wattles Wetland (Artificial)	1/1/2000 1/1/2000	6/10/2005	Rain Event (0.5")	1-Straw Wattle	7/7/2005	New Installation/Repair
C-33-001	Transformer	56	Chaquehui	CHQ-SMA-1		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			
C-33-003	Soil contamination area	59	Chaquehui	CHQ-SMA-1		Sample not collected for this reporting period.	None	N/A	06/08/2005	Rain Event (0.5")			

Corrective Actions to Address wSal Exceedances at SWMU/AOCs

Site Information				Monitoring Information			BMP Information		Inspection and Maintenance Information				
Site ID	Site Name	Erosion Matrix Score	Site Watershed	SMA ID	Monitoring Year Start	Storm Water Sample Dates	BMP Description	Date of Installation	Inspection Dates	Inspection Type	Maintenance Completed	Maintenance Date	Maintenance Type
C-33-003	Soil contamination area	59	Chaquehui	CHQ-SMA-2		Sample not collected for this reporting period.	None	N/A	06/06/2005	Rain Event (0.5")			
C-36-001	Containment vessel	57.3	Water/Valle	PT-SMA-2		Sample not collected for this reporting period.	Berm (Base Course)	1/1/2000	No record for this reporting period.	N/A			
C-36-003	Storm drainages	52	Pajarito	3M-SMA-3		Sample not collected for this reporting period.	Berm (Earth) Straw Wattles	1/1/2000 1/1/2000	No record for this reporting period.	N/A			
C-41-004	Storm drains	52.8	LA/Pueblo	LA-SMA-5.3	2005	Sample not collected for this reporting period.	None	N/A	04/26/2005	Rain Event (0.5")			
C-43-001	Outfall	45.4	LA/Pueblo	LA-SMA-1.2	2005	5/3/2005	Berm (Base Course)	1/1/2000	04/26/2005	Rain Event (0.5")			
C-46	One-time spill	68.3	Mortandad	CDB-SMA-1		Sample not collected for this reporting period.	None	N/A	No record for this reporting period.	N/A			

ENCLOSURE III

Watershed Scale Corrective Actions to Address wSAL Exceedances

- Pueblo Canyon Stream Bank Stabilization Project Status: The installation of 3,000 linear feet of jute matting along channel banks identified as having elevated radionuclide levels and the planting of 3,000 coyote willow plants to provide additional stream bank support was deemed a success based on inspections and a mortality rate of over 50% for the willows.
- Approximately 500 willow poles (supplied by WQH) were planted by the Volunteer Task Force in South Pueblo Canyon bottom above North Road on County Open Space and USDA Forest Service Lands.
- Erosion Control and Support
 - Continued Inspection & Maintenance Program for post-fire (CGF) rehabilitation effort (1,300 acres) within all Laboratory watersheds
 - Ongoing redesign of Surface Water Tracking System (SWTS) database to enhance tracking/inspection capabilities including hand-held GPS units.
 - Use GIS capability for map and drainage analysis support with respect to contaminant source identification
- SWPPP Implementation at Conventional Industrial Activities which includes, Annual review of SWPPP effectiveness with FM, Annual review storm water analytical data with FM and complete Industrial Activity Questionnaire to FM
- Provide data analysis and interpretation
 - Evaluated storm water data after four samples were collected at specific stations/sites to determine if concentrations exceed a standard, benchmark, or wSAL.
 - Demonstrated that the analyte is very likely of LANL origin.
 - Compared result to existing background levels if available.
 - Determined the source and assign responsibility for the corrective action (i.e., source removal, BMPs, institutional controls, BATs, long-term stewardship or benthic studies).
- Continued implementation of MSGP Quality Assurance Plan
- Initiated development of FFCA Quality Assurance Plan
- Conducted inspection and maintenance of BMPs at SWMUs, AOCs and other sites throughout watershed
- A measurement of soil/sediment volume that has accumulated in the Los Alamos Canyon low-head weir was conducted to assess the continued benefit of this structural control located near the eastern Laboratory boundary. A report is being developed to summarize the findings of this effort.
- Provided technical assistance and funding for redesign and relocation of outfall at the proposed Bayo Treatment Plant. This effort will create an additional 0.5 miles of wetlands resulting in canyon bottom habitat improvement and water quality improvements from capturing sediments and filtering storm flow.

ENCLOSURE III

- Participation in Pajarito Plateau Watershed Partnership (PPWP) for improvement watershed awareness and management on the plateau to include watershed scale storm water planning and support.
- Construction General Permit (CGP) – The Laboratory's CGP requires that a Notice of Intent (NOI) be submitted for soil disturbing activities greater than 1 acre in size. During the past quarter, inspections and follow up BMP maintenance (where applicable) were conducted at approximately 45 separate construction projects within Sandia, Pajarito, Water, Los Alamos, Potrillo, Mortandad and Canon de Valle watersheds.

Remedial Services Corrective Action Efforts

- The Investigation Work Plan for Consolidated SWMUs 16-007(a)-99 (30s Line) and 16-008(a)-99 (90s Line) at TA-16' was submitted to the NMED on March 31, 2005 as required under the NMED Consent Order. This document describes the next phase of sampling for two high explosives (HE) machining lines and their associated wastewater ponds. Both HE machining lines operated during the 1940s and early 1950s. The wastewater ponds received large volumes of HE and barium-contaminated process waters. Sampling is designed to define the nature and extent of contamination to determine the volumes of contaminated soil that will require remediation and to define the waste types at the sites.
- ENV-ECR started remediation and characterization of the newly identified SWMU 03-013 on April 25, 2005, in accordance with the NMED approved SWMU Assessment Plan. SWMU 03-013(i) is located in Technical Area (TA)-03 at the Laboratory and consists of soil and gravel contaminated with historical releases of hydraulic oil at Buildings 03-246 and 03-247. Building 03-246, the Cable Control Building, and Building 03-247, the Cable Stress Building, are collectively referred to as the Pull Test Facility. All petroleum-contaminated gravel was removed from on top of the slab of former Building 247 and placed in roll-off containers. The 8- to 12-inch slab and an 18-inch footing beneath the gravel had no visible stains and were removed and placed in roll-off containers. There were no visible stains beneath the slab. All visible petroleum-contaminated soil was also removed from around former Building 246 and placed in roll-off containers. Twenty confirmation samples are scheduled to be collected during the week of May 2, 2005.
- ENV-ECR completed drilling seven shallow (<250-ft) boreholes at Material Disposal Area (MDA) L at TA-54 to finalize characterization of the site. In addition, one deep borehole was advanced to 670 feet to determine if perched groundwater is present. All core was dry, and workers observed no perched groundwater in the cuttings or in subsequent moisture monitoring using a neutron probe. Staff will install pore-gas monitoring equipment in the seven shallow boreholes. An investigation report is due to NMED by September 13, 2005.
- Field implementation of the investigation work plan for consolidated unit 21-018(a)-99 (Material Disposal Area V). To date, three of the fifteen boreholes have been drilled. The remediation phase of the field work is expected to begin next month. This effort—which includes surface and subsurface sampling and excavation of absorption beds, waste lines, and contaminated soil—is expected to continue through the end of the fiscal year.
- The Biota Sampling and Analysis Plan for Mortandad Canyon was submitted to the New Mexico Environment Department (NMED) on May 27. The plan provides a detailed sampling design for characterization and assessment of potential adverse ecological effects from contaminated sediment, surface water, and alluvial groundwater throughout the

ENCLOSURE III

Mortandad watershed. The plan supplements the original work plan for Mortandad Canyon submitted to NMED in 1997 by updating the sampling design based on a detailed screening assessment of recently collected data.

- Ground penetrating radar (GPR) and electromagnetic surveys were performed the week of May 23 at SWMU 03-029, a former asphalt landfill located southeast of the former asphalt batch plant location at TA-3. GPR identified anomalies that are the suspected location of SWMU 03-029. Based on these surveys, the area will be excavated of asphalt, confirmation samples will be collected, and landfill material will be disposed of in accordance with the Accelerated Corrective Action work plan submitted to NMED for sites that will be affected by the future Security Perimeter Road construction project.
- Characterization drilling activities were completed at SWMU 21-018(a)-99 (Material Disposal Area V) on Thursday, June 9. Fifteen boreholes, totaling of 1160 linear feet, were drilled. A total of 73 samples were collected for chemical analysis and 13 samples were collected for geotechnical analysis. Remediation of the site is scheduled to begin in late June/early July.
- The supplemental Voluntary Corrective Action (VCA) Report for AOC 00-027 was submitted to the NMED on June 3rd. This report documents the in situ remediation by soil vapor extraction (SVE) of the first Manhattan era petroleum storage tank facility which was located on the site now occupied by the Knights of Columbus. The SVE system operated over a 20 month period and removed approximately 16,000 lbs of total petroleum hydrocarbons (TPH) from the subsurface without limiting the normal use of the property. This removal resulted in a reduction of human health carcinogenic risk by an order of magnitude to well below acceptable residential risk levels.
- The first of two sampling rounds of surface water and alluvial, intermediate, and regional groundwater in Mortandad Canyon was completed on Friday, June 24. The sampling was conducted in partial fulfillment of the requirements of the NMED-approved Mortandad Canyon Groundwater Investigation Work Plan. The sampling was conducted at eight surface-water locations, and at eleven alluvial, four intermediate, and eight regional wells (some with multiple screens). A total of 72 samples were collected.