

LANL '08 Consent Order Permit 

Roberts, Kathryn, NMENV

From: Roberts, Kathryn, NMENV
Sent: Tuesday, June 10, 2008 8:39 AM
To: 'Susan Stiger'
Cc: Bearzi, James, NMENV; 'grael@doeal.gov'; Cobrain, Dave, NMENV; Kieling, John, NMENV
Subject: Final Signature Page and Tables XII-2 and XII-3
Attachments: Signature_page_footnote(6-10-2008).pdf; Order_Mod_Table_Footnote_Change_Clean(5-2008).pdf; Order_Mod_Table_Footnote_Change_redline(5-2008).pdf

Sue,

The changes you proposed to the signature page are fine. I have attached the clean and redline versions of Tables XII-2 and XII-3 as well as the signature page. Please have Mr. Winchell and Mr. Anastasio sign the signature page as soon as possible and return to our office.

Please let me know if you have any additional questions.

Thanks,
Katie

From: Susan Stiger [mailto:sgstiger@lanl.gov]
Sent: Thursday, June 05, 2008 4:55 PM
To: Roberts, Kathryn, NMENV
Subject: FW: Draft Signature page and Table

Katie, will this signature page work for you—it fixes a very minor nit on LANS vs LANL? We're okay with what we discussed this morning if you want to send the final paper. We don't have a need on our end for a new letter from you, so it's okay with us if you just want to email the new pages. Please let me know.

Thanks.
SGS

From: dwoitte@lanl.gov [mailto:dwoitte@lanl.gov]
Sent: Thursday, June 05, 2008 12:56 PM
To: sgstiger@lanl.gov
Subject: Fw: Draft Signature page and Table

Susan - (just left you a voice mail message) The approach looks good (and the Tables have been corrected). But we need to revise the Signature Page to add "Los Alamos National Security, LLC" as the Party to the Consent Order that Jan will sign on behalf of (revision attached). This is the way we have done it for the other two Modifications and it should not be a problem. Please forward the attached to Katie for her to include in the package. Thanks for working this out.

(See attached file: Consent Order Modification 3 SignaturePage May08.doc)

Deborah Woitte
Practice Group Leader

6/10/2008



Environmental, Safety and Health
Office of Laboratory Counsel
(505) 667-8758
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This inbound email has been scanned by the MessageLabs Email Security System.

Modification # 3 to the March 1, 2005 Order on Consent consists of changes to the footnotes in Tables XII-2 and XII-3 concerning "Notice Dates" for Corrective Measures Evaluations (CME) and Corrective Measure Studies (CMS). This modification to the March 1, 2005 Order on Consent is hereby AGREED and CONSENTED TO by the Parties, pursuant to Section III.J:

For the NEW MEXICO ENVIRONMENT DEPARTMENT:

**Ron Curry
Cabinet Secretary
New Mexico Environment Department**

Date

For the UNITED STATES DEPARTMENT OF ENERGY:

**Donald L. Winchell, Jr.
Manager
Los Alamos Site Office
U.S. Department of Energy**

Date

For LOS ALAMOS NATIONAL SECURITY, LLC:

**Michael R. Anastasio
Director
Los Alamos National Laboratory**

Date

6-10-2008

**Table XII-2
Schedule of Deliverables by Watershed**

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Los Alamos/Pueblo Watershed			
SWMU 21-014 (MDA A)			
Investigation Work Plan	31-Jan-05 Submitted	17-May-05	26-Jul-05
Investigation Report	9-Nov-06 Submitted	9-Mar-07	
Remedy Completion Report	11-Mar-11	9-Jul-11	
SWMU 21-015 (MDA B)			
Investigation Work Plan	30-Jun-04 Submitted	28-Oct-04	21-Dec-04
Investigation/Remediation Work Plan	26-Mar-06 Submitted	31-Jan-07	
Remedy Completion Report	31-Dec-10	30-Jun-11	
SWMUs 21-001, 21-010(a-h), 21-011(a, c-j), 21-016(a-c), 21-028(a), C-21-009, C-21-012 (MDA T)			
Investigation Work Plan	29-Feb-04 Submitted	31-May-04	19-May-05
Investigation Report	18-Sep-06 Submitted	16-Jan-07	
Remedy Completion Report	19-Dec-10	18-Apr-11	
SWMUs 21-017(a-c), 21-022(f) (MDA U)			
Investigation Work Plan	30-Nov-04 Submitted	15-Mar-05	21-Mar-05
Investigation Report	6-Feb-06 Submitted	6-Jun-06	28-Sep-06
Remedy Completion Report ³	6-Nov-11	6-Mar-12	
SWMUs 21-013(b, g), 21-018(a, b) (MDA V)			
Investigation Work Plan	30-Jun-04 Submitted	13-Oct-04	5-Nov-04
Investigation Report	31-Oct-06 Submitted	28-Feb-07	
Remedy Completion Report	2-Jun-11	30-Sep-11	
SWMUs 73-001(a-d), 73-004(d) (Airport Landfill)			
Remedy Design Work Plan	30-Apr-04 Submitted	28-Aug-04	2-Sep-04
Remedy Completion Report	5-Apr-07	3-Aug-07	

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Los Alamos/Pueblo Canyons			

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Report North Canyons (Guaje/Barrancas/Rendija/Bayo)	30-Apr-04 Submitted	27-Oct-04	11-May-05
Investigation Report DP Site Aggregate Area	30-Jun-09	28-Sep-09	
Investigation Work Plan	31-Aug-04 Submitted	28-Jan-05	13-Apr-05
Investigation Report Pueblo Canyon Aggregate Area	7-Nov-07	7-Sep-08	
Investigation Work Plan	31-May-05 Submitted	28-Sep-05	23-Sep-05
Investigation Report SWMU 73-002	28-Mar-08	25-Aug-08	
Investigation Work Plan	31-May-05 Submitted	28-Sep-05	30-Sep-05
Investigation Report	12-Sep-06 Not submitted	11-Dec-06	
Bayo Canyon Aggregate Area (includes SWMUs 10-002(a,b), 10-003(a-o), 10-004(b), and 10-007)			
Investigation Work Plan	30-Jul-05 Submitted	26-Dec-05	19-Dec-05
Investigation Report Upper Los Alamos Canyon Aggregate Area	1-Mar-08	30-May-08	
Investigation Work Plan ²	30-Apr-06 Submitted	28-Aug-06	6-Nov-06
Investigation Report Lower Los Alamos Canyon Aggregate Area	31-May-09	30-Apr-10	
Investigation Work Plan ²	31-Oct-07	29-Jan-08	
Middle Los Alamos Canyon Aggregate Area			
Investigation Work Plan ²	31-Dec-05 Submitted	30-May-06	30-May-06
Investigation Report	19-Jan-08	19-Jul-08	
Guaje/Barrancas/Rendija Canyons Aggregate Area			
Investigation Work Plan ²	Submitted	29-Oct-05	5-Jan-06
Investigation Report	31-Aug-07	29-Dec-07	
Mortandad Watershed			
SWMU 50-009 (MDA C)			
Investigation Work Plan	31-Jul-03 Submitted	1-Jun-04	6-Apr-05

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Report	6-Dec-06 Submitted	5-Apr-07	
Remedy Completion Report	5-Sep-10	3-Jan-11	
Mortandad Canyon			
Investigation Report	28-Oct-06 Submitted	25-Feb-07	
Cañada del Buey			
Investigation Report	31-Aug-09	29-Nov-09	
Upper Mortandad Canyon Aggregate Area			
Investigation Work Plan ²	30-Nov-07	29-Mar-08	
Upper Cañada del Buey Aggregate Area			
Investigation Work Plan ²	30-Jun-08	28-Oct-08	
Middle Cañada del Buey Aggregate Area			
Investigation Work Plan ²	31-Oct-07	29-Jan-08	
Lower Mortandad/Cedro Canyon Aggregate Area			
Investigation Work Plan ²	31-Oct-09	29-Jan-10	
Lower Mortandad/Cañada del Buey Aggregate Area			
Investigation Work Plan ²	30-Apr-09	29-Jul-09	
Middle Mortandad/Ten Site Canyon Aggregate Area			
Supplemental SAP	31-May-04 Submitted	29-Jun-04	25-Jun-04
Investigation Report	30-Sep-05 Submitted	27-Feb-06	14-Aug-06
Revised Investigation Report	18-May-07	31-Jan-08	
Chromium Contamination in Regional Well R-28 Groundwater			
Interim Measures Report	30-Nov-06 Submitted	30-Dec-06	
Phase II Work Plan	30-Jan-07	1-Mar-07	
Water Canyon/Cañon de Valle Watershed			
SWMU 16-003(o)			
Investigation Work Plan	31-Mar-04 Submitted	29-Jun-04	28-Jun-04
Investigation Report	31-Jan-06 Submitted	1-May-06	25-Oct-06
SWMU 16-008(a)			

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Work Plan	31-Mar-05 Submitted	29-Jul-05	19-Aug-05
Investigation Report	21-Jun-07	19-Sep-07	
SWMUs 16-021(c), 16-003(k)			
Phase III RFI Report	30-Sep-03 Submitted	1-Mar-05	21-Jun-04
CMS Report for Surface System/Alluvial Groundwater	Submitted	1-Mar-05	13-Oct-06
CMI Plan for Surface System/Alluvial Groundwater	13-May-07 Submitted	30-Sep-07	
Investigation Report for Intermediate and Regional Groundwater	31-Aug-06 Submitted	29-Nov-06	
CME Report for Intermediate and Regional Groundwater	31-May-07	28-Sep-07	
CMI Plan for Intermediate and Regional Groundwater	30-Nov-07	28-Feb-08	
Water Canyon/Cañon de Valle			
Investigation Work Plan (includes Ancho/Chaquehui/Indio/Fence/Potrillo Canyons)	30-Sep-06 Submitted	29-Mar-07	
Investigation Report (Water Canyon/Cañon de Valle)	31-Dec-10	30-Apr-11	
Potrillo/Fence Canyons			
Investigation Report	31-Aug-11	29-Nov-11	
Cañon de Valle Aggregate Area			
Investigation Work Plan ²	30-Sep-06 Submitted	12-Feb-07	
S-Site Aggregate Area			
Investigation Work Plan ²	30-Sep-07	28-Jan-08	
Upper Water Canyon Aggregate Area			
Investigation Work Plan ²	31-Aug-10	29-Dec-10	
Lower Water/Indio Canyon Aggregate Area			
Investigation Work Plan ²	30-Sep-12	29-Dec-12	
Potrillo/Fence Canyon Aggregate Area			
Investigation Work Plan ²	30-Apr-09	13-Aug-09	
Sandia Watershed			
SWMU 53-002 (a,b)			
Investigation Report	30-Jan-04 Submitted	30-May-04	25-Jul-06
Sandia Canyon			
Investigation Report	31-Aug-09	29-Dec-09	

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Upper Sandia Canyon Aggregate Area			

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Work Plan ²	31-Mar-08	13-Aug-08	
Lower Sandia Canyon Aggregate Area			
Investigation Work Plan ²	30-Apr-09	13-Aug-09	
Pajarito Watershed			
SWMU 54-004 (MDA H)			
CMS Report	31-May-03 Submitted	31-Dec-04	Pending
CMI Plan	Pending	Pending	
Remedy Completion Report	Pending	Pending	
SWMU 54-006 (MDA L)			
Investigation Work Plan	31-Aug-03 Submitted	31-Mar-04	28-Sep-04
Investigation Report	13-Sep-05 Submitted	27-Dec-05 31-Jul-07	
CME Report	8/9/2007 Pending	12/7/2007 Pending	
Remedy Completion Report	9-Jul-11	6-Nov-11	
SWMU 3-010(a)			
Investigation Report	31-Aug-05 Submitted	29-Nov-05	
MDA G			
Investigation Work Plan	30-Sep-03 Submitted	31-Jul-04	5-Nov-04
Investigation Report	8-Sep-05 Submitted	21-Jan-06	Pending
CME Work Plan	6/5/2006 Submitted	31-Oct-06 31-Dec-07	
CME Report ³	9/12/2008 Pending	1/31/2009 Pending	
Remedy Completion Report	6-Dec-15	4-Apr-16	
Pajarito Canyon			
Investigation Report	29-Feb-08	28-Jun-08	
Threemile Canyon Aggregate Area			
Investigation Work Plan ²	31-Jul-08	28-Nov-08	
Lower Pajarito Canyon Aggregate Area			
Investigation Work Plan ²	31-Jul-10	13-Dec-10	
Starmer/Upper Pajarito Canyon Aggregate Area			
Investigation Work Plan ²	30-Sep-10	12-Feb-11	
Twomile Canyon Aggregate Area			
Investigation Work Plan ²	31-Jan-10	15-Jun-10	

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Ancho Watershed			
SWMUs 49-005(a), 49-006, AOCs C-49-002, C-49-005(b), C-49-008(a, b) (Areas 5, 6, and 10)			
Investigation Work Plan	31-Oct-07	28-Feb-08	
Investigation Report	31-May-10	28-Sep-10	
SWMUs 49-001(a-g), 49-003, AOC C-49-008(d) (MDA AB, Areas 1, 3, 4, 11, and 12)			
Investigation Work Plan	31-Oct-07	28-Feb-08	
Investigation Report	31-May-10	28-Sep-10	
Remedy Completion Report	31-Jan-15	31-May-15	
Ancho/Chaquehui/Indio Canyons			
Investigation Report	28-Feb-11	29-May-11	
North Ancho Canyon Aggregate Area			
Investigation Work Plan ²	30-Sep-07	13-Jan-08	
South Ancho Canyon Aggregate Area			
Investigation Work Plan ²	31-Mar-13	29-Jun-13	
Chaquehui Watershed			
Chaquehui Canyon Aggregate Area			
Investigation Work Plan ²	30-Nov-09	28-Feb-10	
SWMU 33-013			
Remedy Completion Report	3-Mar-06 Submitted	1-Jun-06	30-Aug-06
Frijoles Watershed			
Frijoles Canyon Aggregate Area			
Investigation Work Plan ²	31-Oct-10	29-Jan-11	
Technical Area 57			
TA-57 Aggregate Area (Fenton Hill)			

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Work Plan ²	31-Oct-11	29-Jan-12	

Note: All deliverables marked as "Submitted" were submitted to the Department on or before the due date.

1. "Notice Date" is described in Section III.M.2 of the Order on Consent.
2. Investigation Work Plans for the Aggregate Areas shall include a schedule for submitting the Investigation Reports.
3. NMED has issued a Certificate of Completion for the SWMU(s) and AOC(s) covered by this document. Pending a Class 3 permit modification to remove the SWMU(s) from the list of SWMUs requiring corrective action, NMED will no longer require submittal of this document.

**Table XII-3
Schedule of Deliverables by Calendar Year**

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
		CY03		
SWMU 54-004 (MDA H)	CMS Report	5/31/03 Submitted	12/31/04	Pending
SWMU 50-009 (MDA C)	Investigation Work Plan	7/31/03 Submitted	6/1/04	4/6/05 309 days past due
MDA G	Investigation Work Plan	9/30/03 Submitted	7/31/04	11/5/04 97 days past due
SWMU 54-006 (MDA L)	Investigation Work Plan	8/31/03 Submitted	3/31/04	9/28/04 181 days past due
SWMUs 16-021(c), 16-003(k)	Phase III RFI Report	9/30/03 Submitted	3/1/05	6/21/04
		CY04		
SWMUs 53-002 (a,b)	Investigation Report	1/31/04 Submitted	5/30/04	7/25/06 785 days past due
SWMUs 21-001, 21-010(a-h), 21-011(a,c-j), 21-016(a-c), 21-028(a), C-21-009, C-21-012 (MDA T)	Investigation Work Plan	2/29/04 Submitted	5/31/04	5/19/05 353 days past due
Middle Mortandad/Ten Site Canyon Aggregate Area	Supplemental SAP	3/31/04 Submitted	6/29/04	6/25/04
SWMU 16-003(o)	Investigation Work Plan	3/31/04 Submitted	6/29/04	6/28/04
Los Alamos/Pueblo Canyon	Investigation Report	4/30/04 Submitted	10/27/04	5/11/05 196 days past due
SWMUs 73-001(a-d), 73-004(d) (Airport Landfill – Mesa Top)	Remedy Design Work Plan	4/30/04 Submitted	8/28/04	9/2/04 5 days past due
SWMUs 21-013(b, g), 21-018(a, b) (MDA V)	Investigation Work Plan	6/30/04 Submitted	10/13/04	11/5/04 23 days past due
SWMU 21-015(MDA B)	Investigation Work Plan	6/30/04 Submitted	10/28/04	12/21/04 54 days past due
DP Site Aggregate Area	Investigation Work Plan ²	8/31/04 Submitted	1/28/05	4/13/05 75 days past due

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
SWMUs 21-017(a-c), 21-022(f) (MDA U)	Investigation Work Plan	11/30/04 Submitted	3/15/05	3/21/05 6 days past due
		CY05		
SWMUs 16-021(c), 16-003(k)	CMS Report for Surface System/Alluvial Groundwater	Submitted	3/1/05	10/13/06 591 days past due
SWMU 21-014 (MDA A)	Investigation Work Plan	1/31/05 Submitted	5/17/05	7/26/05 70 days past due
SWMU 16-008(a)	Investigation Work Plan	3/31/05 Submitted	7/29/05	8/19/05 21 days past due
Pueblo Canyon Aggregate Area	Investigation Work Plan	5/31/05 Submitted	9/28/05	9/23/05
SWMU 73-002	Investigation Work Plan	5/31/05 Submitted	9/28/05	9/30/05 2 days past due
SWMU 54-004 (MDA H)	CMI Plan	Pending	Pending	
Bayo Canyon Aggregate Area (including SWMUs 10-002(a,b), 10-003(a-o), 10-004(b), and 10-007)	Investigation Work Plan	7/30/05 Submitted	12/26/05	12/19/05
Guaje/Barrancas/ Rendija Canyons Aggregate Area	Investigation Work Plan ²	7/31/05 Submitted	10/29/05	1/5/06 68 days past due
SWMU 3-010(a)	Investigation Report	8/31/05 Submitted	11/29/05	
MDA G	Investigation Report	9/8/05 Submitted	1/21/06	
SWMU 54-006 (MDA L)	Investigation Report	9/13/05 Submitted	12/27/05 7/31/07	
Middle Mortandad/Ten Site Canyon Aggregate Area	Investigation Report	9/30/05 Submitted	2/27/06	8/14/06 168 days past due
Middle Los Alamos Canyon Aggregate Area ²	Investigation Work Plan	12/31/05 Submitted	5/30/06	5/30/06
		CY06		
SWMU 16-003(o)	Investigation Report	1/31/06 Submitted	5/1/06	10/25/06 177 days past due
SWMUs 21-017(a-c), 21-022(f) (MDA U)	Investigation Report	2/6/06 Submitted	6/6/06	9/28/06 114 days past due

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
SWMU 33-013	Remedy Completion Report	3/3/06 Submitted	6/1/06	8/30/06 90 days past due
SWMU 21-015 (MDA B)	Investigation/Remediation Work Plan	3/26/06 Submitted	1/31/07 ⁴	
Upper Los Alamos Canyon Aggregate Area	Investigation Work Plan ²	4/30/06 Submitted	8/28/06	11/6/06 70 days past due
MDA G	CME Work Plan	6/5/06 Submitted	10/31/06 12/31/07	
SWMUs 16-021(c), 16-003(k)	Investigation Report for Intermediate and Regional Groundwater	8/31/06 Submitted	11/29/06	
SWMU 73-002	Investigation Report	9/12/06 Not submitted	12/11/06	
SWMU 54-004 (MDA H)	Remedy Completion Report	Pending	Pending	
SWMUs 21-001, 21-010(a-h), 21-011(a, c-j), 21-016(a-c), 21-028(a); AOCs C-21-009, C-21-012 (MDA T)	Investigation Report	9/18/06 Submitted	1/16/07	
Cañon de Valle Aggregate Area	Investigation Work Plan ²	9/30/06 Submitted	2/12/07	
Water Canyon/Cañon de Valle	Investigation Work Plan (includes Ancho/Chaquehui/Indio/Fence/Potrillo Canyons)	9/30/06 Submitted	3/29/07	
Mortandad Canyon	Investigation Report	10/28/06 Submitted	2/25/07	
SWMUs 21-013(b, g), 21-018(a, b) (MDA V)	Investigation Report	10/31/06 Submitted	11/18/06 2/28/07	
SWMU 21-014 (MDA A)	Investigation Report	11/9/06 Submitted	3/9/07	
Chromium Contamination in Regional Well R-28 Groundwater	Interim Measures Report	11/30/06	12/30/06	
SWMU 50-009 (MDA C)	Investigation Report	12/6/06	4/5/07	
		CY07		
Chromium Contamination in Regional Well R-28 Groundwater	Phase II Work Plan	1/30/07	3/1/07	
SWMUs 73-001(a-d), 73-004(d) (Airport Landfill – Mesa Top)	Remedy Completion Report	4/5/07	8/3/07	
SWMUs 16-021(c), 16-003(k)	CMI Plan for Surface System/Alluvial Groundwater	5/13/07	9/30/07	
Middle Mortandad/Ten Site Canyon Aggregate Area	Revised Investigation Report	5/18/07	1/31/08	

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
SWMUs 16-021(c), 16-003(k)	CME Report for Intermediate and Regional Groundwater	5/31/07	9/28/07	
SWMU 16-008(a)	Investigation Report	6/21/07	9/19/07	
SWMU 54-006 (MDA L)	CME Report	8/9/07 Pending	12/7/07 Pending	
MDA G	CME Report	8/5/07 Pending	12/18/07 Pending	
Guaje/Barrancas/Rendija Canyons Aggregate Area	Investigation Report	8/31/07	12/29/07	
S-Site Aggregate Area	Investigation Work Plan ²	9/30/07	1/28/08	
North Ancho Canyon Aggregate Area	Investigation Work Plan ²	9/30/07	1/13/08	
SWMUs 49-001(a-g), 49-003, AOC C-49-008(d) (MDA AB, Areas 1, 3, 4, 11, and 12)	Investigation Work Plan	10/31/07	2/28/08	
SWMUs 49-005(a), 49-006, AOCs C-49-002, C-49-005(b), C-49-008(a, b) (Areas 5, 6, and 10)	Investigation Work Plan	10/31/07	2/28/08	
Middle Cañada del Buey Aggregate Area	Investigation Work Plan ²	10/31/07	1/29/08	
Lower Los Alamos Canyon Aggregate Area	Investigation Work Plan ²	10/31/07	1/29/08	
DP Site Aggregate Area	Investigation Report	11/7/07	9/7/08	
Upper Mortandad Canyon Aggregate Area	Investigation Work Plan ²	11/30/07	3/29/08	
SWMUs 16-021(c), 16-003(k)	CMI Plan for Intermediate and Regional Groundwater	11/30/07	2/28/08	
		CY08		
Middle Los Alamos Canyon Aggregate Area	Investigation Report	1/19/08	7/19/08	
Pajarito Canyon	Investigation Report	2/29/08	6/28/08	
Bayo Canyon Aggregate Area (including SWMUs 10-002(a,b), 10-003(a-o), 10-004(b), and 10-007)	Investigation Report	3/1/08	5/30/08	
Pueblo Canyon Aggregate Area	Investigation Report	3/28/08	8/25/08	
Upper Sandia Canyon Aggregate Area	Investigation Work Plan ²	3/31/08	8/13/08	
Upper Cañada del Buey Aggregate Area	Investigation Work Plan ²	6/30/08	10/28/08	
Threemile Canyon Aggregate Area	Investigation Work Plan ²	7/31/08	11/28/08	
		CY09		
Lower Sandia Canyon Aggregate Area	Investigation Work Plan ²	4/30/09	8/13/09	
Lower Mortandad/Cañada del Buey Aggregate Area	Investigation Work Plan ²	4/30/09	7/29/09	
Potrillo/Fence Canyon Aggregate Area	Investigation Work Plan ²	4/30/09	8/13/09	

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Upper Los Alamos Canyon Aggregate Area	Investigation Report	5/31/09	4/30/10	
North Canyons (Guaje/Barrancas/Rendija/Bayo)	Investigation Report	6/30/09	9/28/09	
Sandia Canyon	Investigation Report	8/31/09	12/29/09	
Cañada del Buey	Investigation Report	8/31/09	11/29/09	
Lower Mortandad/Cedro Canyon Aggregate Area	Investigation Work Plan ²	10/31/09	1/29/10	
Chaquehui Canyon Aggregate Area	Investigation Work Plan ²	11/30/09	2/28/10	
		CY10		
Twomile Canyon Aggregate Area	Investigation Work Plan ²	1/31/10	6/15/10	
SWMUs 49-001(a-g), 49-003, AOC C-49-008(d) (MDA AB, Areas 1, 3, 4, 11, and 12)	Investigation Report	5/31/10	9/28/10	
SWMUs 49-005(a), 49-006, AOCs C-49-002, C-49-005(b), C-49-008(a, b) (Areas 5, 6, and 10)	Investigation Report	5/31/10	9/28/10	
Lower Pajarito Canyon Aggregate Area	Investigation Work Plan ²	7/31/10	12/13/10	
Upper Water Canyon Aggregate Area	Investigation Work Plan ²	8/31/10	12/29/10	
SWMU 50-009 (MDA C)	Remedy Completion Report	9/5/10	1/3/11	
Starmer/Upper Pajarito Canyon Aggregate Area	Investigation Work Plan ²	9/30/10	2/12/11	
Frijoles Canyon Aggregate Area	Investigation Work Plan ²	10/31/10	1/29/11	
SWMUs 21-001, 21-010(a-h), 21-011(a, c-j), 21-016(a-c), and 21-028(a), and AOCs C-21-009 and C-21-012 (MDA T)	Remedy Completion Report	12/19/10	4/18/11	
Water Canyon/Cañon de Valle	Investigation Report	12/31/10	4/30/11	
SWMU 21-015 (MDA B)	Remedy Completion Report	12/31/10	6/30/11	
		CY11		
Ancho/Chaquehui/Indio Canyons	Investigation Report	2/28/11	5/29/11	
SWMU 21-014 (MDA A)	Remedy Completion Report	3/11/11	7/9/11	
SWMUs 21-013(b, g), 21-018(a, b) (MDA V)	Remedy Completion Report	6/2/11	9/30/11	
SWMU 54-006 (MDA L)	Remedy Completion Report	7/9/11	11/6/11	
Potrillo/Fence Canyons	Investigation Report	8/31/11	11/29/11	
TA-57 Aggregate Area (Fenton Hill)	Investigation Work Plan ²	10/31/11	1/29/12	
SWMUs 21-017(a-c), 21-022(f) (MDA U)	Remedy Completion Report ³	11/6/11	3/6/12	
		CY12		
Lower Water/Indio Canyon Aggregate Area	Investigation Work Plan ²	9/30/12	12/29/12	
		CY13		

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
South Ancho Canyon Aggregate Area	Investigation Work Plan ²	3/31/13	6/29/13	
		CY15		
SWMUs 49-001(a-g), 49-003, AOC C-49-008(d) (MDA AB, Areas 1, 3, 4, 11, and 12)	Remedy Completion Report	1/31/15	5/31/15	
MDA G	Remedy Completion Report	12/6/15	4/4/16	

Note: All deliverables marked as “Submitted” were submitted to the Department on or before the due date.

1. “Notice Date” is described in Section III.M.2 of the Order on Consent.
2. Investigation Work Plans for the Aggregate Areas shall include a schedule for submitting the Investigation Reports.
3. NMED has issued a Certificate of Completion for the SWMU(s) and AOC(s) covered by this document. Pending a Class 3 permit modification to remove the SWMU(s) from the list of SWMUs requiring corrective action, NMED will no longer require submittal of this document.

Redline

**Table XII-2
Schedule of Deliverables by Watershed**

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Los Alamos/Pueblo Watershed			
SWMU 21-014 (MDA A)			
Investigation Work Plan	31-Jan-05 Submitted	17-May-05	26-Jul-05
Investigation Report	9-Nov-06 Submitted	9-Mar-07	
Remedy Completion Report	11-Mar-11	9-Jul-11	
SWMU 21-015 (MDA B)			
Investigation Work Plan	30-Jun-04 Submitted	28-Oct-04	21-Dec-04
Investigation/Remediation Work Plan	26-Mar-06 Submitted	31-Jan-07	
Remedy Completion Report	31-Dec-10	30-Jun-11	
SWMUs 21-001, 21-010(a-h), 21-011(a-c), 21-016(a-c), 21-028(a), C-21-009, C-21-012 (MDA D)			
Investigation Work Plan	29-Feb-04 Submitted	31-May-04	19-May-05
Investigation Report	18-Sep-06 Submitted	16-Jan-07	
Remedy Completion Report	19-Dec-10	18-Apr-11	
SWMUs 21-017(a-c), 21-022(f) (MDA U)			
Investigation Work Plan	30-Nov-04 Submitted	15-Mar-05	21-Mar-05
Investigation Report	6-Feb-06 Submitted	6-Jun-06	28-Sep-06
Remedy Completion Report ⁵³	6-Nov-11	6-Mar-12	
SWMUs 21-019(b, g), 21-018(a-b) (MDA V)			
Investigation Work Plan	30-Jun-04 Submitted	13-Oct-04	5-Nov-04
Investigation Report	31-Oct-06 Submitted	28-Feb-07	
Remedy Completion Report	2-Jun-11	30-Sep-11	
SWMUs 73-001(a-d), 73-004(d) (Airport Landfill)			
Remedy Design Work Plan	30-Apr-04 Submitted	28-Aug-04	2-Sep-04
Remedy Completion Report	5-Apr-07	3-Aug-07	

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Los Alamos/Pueblo Canyons			

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Report	30-Apr-04 Submitted	27-Oct-04	11-May-05
North Canyons (Guaje/Barrancas/Rendija/Bayo)			
Investigation Report	30-Jun-09	28-Sep-09	
DP Site Aggregate Area			
Investigation Work Plan	31-Aug-04 Submitted	28-Jan-05	13-Apr-05
Investigation Report	7-Nov-07	7-Sep-08	
Pueblo Canyon Aggregate Area			
Investigation Work Plan	31-May-05 Submitted	28-Sep-05	23-Sep-05
Investigation Report	28-Mar-08	25-Aug-08	
SWMU 73-002			
Investigation Work Plan	31-May-05 Submitted	28-Sep-05	30-Sep-05
Investigation Report	12-Sep-06 Not submitted	11-Dec-06	
Bayo Canyon Aggregate Area (includes SWMUs 10-002(a,b), 10-003(a-c), 10-004(b), and 10-007)			
Investigation Work Plan	30-Jul-05 Submitted	26-Dec-05	19-Dec-05
Investigation Report	1-Mar-08	30-May-08	
Upper Los Alamos Canyon Aggregate Area			
Investigation Work Plan ²	30-Apr-06 Submitted	28-Aug-06	6-Nov-06
Investigation Report	31-May-09	30-Apr-10	
Lower Los Alamos Canyon Aggregate Area			
Investigation Work Plan ²	31-Oct-07	29-Jan-08	
Middle Los Alamos Canyon Aggregate Area			
Investigation Work Plan ²	31-Dec-05 Submitted	30-May-06	30-May-06
Investigation Report	19-Jan-08	19-Jul-08	
Guaje/Barrancas/Rendija Canyons Aggregate Area			
Investigation Work Plan ²	Submitted	29-Oct-05	5-Jan-06
Investigation Report	31-Aug-07	29-Dec-07	
Mortandad Watershed			
SWMU 50-009 (MDA C)			
Investigation Work Plan	31-Jul-03 Submitted	1-Jun-04	6-Apr-05

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Report	6-Dec-06 Submitted	5-Apr-07	
Remedy Completion Report	5-Sep-10	3-Jan-11	
Mortandad Canyon			
Investigation Report	28-Oct-06 Submitted	25-Feb-07	
Cañada del Buey			
Investigation Report	31-Aug-09	29-Nov-09	
Upper Mortandad Canyon Aggregate Area			
Investigation Work Plan ²	30-Nov-07	29-Mar-08	
Upper Cañada del Buey Aggregate Area			
Investigation Work Plan ²	30-Jun-08	28-Oct-08	
Middle Cañada del Buey Aggregate Area			
Investigation Work Plan ²	31-Oct-07	29-Jan-08	
Lower Mortandad/Cedro Canyon Aggregate Area			
Investigation Work Plan ²	31-Oct-09	29-Jan-10	
Lower Mortandad/Cañada del Buey Aggregate Area			
Investigation Work Plan ²	30-Apr-09	29-Jul-09	
Middle Mortandad/Ten Site Canyon Aggregate Area			
Supplemental SAP	31-May-04 Submitted	29-Jun-04	25-Jun-04
Investigation Report	30-Sep-05 Submitted	27-Feb-06	14-Aug-06
Revised Investigation Report	18-May-07	31-Jan-08	
Chromium Contamination in Regional Well R-28 Groundwater			
Interim Measures Report	30-Nov-06 Submitted	30-Dec-06	
Phase II Work Plan	30-Jan-07	1-Mar-07	
Water Canyon/Cañon de Valle Watershed			
SWMU 16-003(o)			
Investigation Work Plan	31-Mar-04 Submitted	29-Jun-04	28-Jun-04
Investigation Report	31-Jan-06 Submitted	1-May-06	25-Oct-06
SWMU 16-008(a)			

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Work Plan	31-Mar-05 Submitted	29-Jul-05	19-Aug-05
Investigation Report	21-Jun-07	19-Sep-07	
SWMUs 16-021(c), 16-003(k)			
Phase III RFI Report	30-Sep-03 Submitted	1-Mar-05	21-Jun-04
CMS Report for Surface System/Alluvial Groundwater ³	Submitted	1-Mar-05	13-Oct-06
CMI Plan for Surface System/Alluvial Groundwater	13-May-07 Submitted	30-Sep-07	
Investigation Report for Intermediate and Regional Groundwater	31-Aug-06 Submitted	29-Nov-06	
CME Report for Intermediate and Regional Groundwater ³	31-May-07	28-Sep-07	
CMI Plan for Intermediate and Regional Groundwater	30-Nov-07	28-Feb-08	
Water Canyon/Cañon de Valle			
Investigation Work Plan (includes Ancho/Chaquehui/Indio/Fence/Potrillo Canyons)	30-Sep-06 Submitted	29-Mar-07	
Investigation Report (Water Canyon/Cañon de Valle)	31-Dec-10	30-Apr-11	
Potrillo/Fence Canyons			
Investigation Report	31-Aug-11	29-Nov-11	
Cañon de Valle Aggregate Area			
Investigation Work Plan ²	30-Sep-06 Submitted	12-Feb-07	
S-Site Aggregate Area			
Investigation Work Plan ²	30-Sep-07	28-Jan-08	
Upper Water Canyon Aggregate Area			
Investigation Work Plan ²	31-Aug-10	29-Dec-10	
Lower Water/Indio Canyon Aggregate Area			
Investigation Work Plan ²	30-Sep-12	29-Dec-12	
Potrillo/Fence Canyon Aggregate Area			
Investigation Work Plan ²	30-Apr-09	13-Aug-09	
Sandia Watershed			
SWMU 53-002 (a,b)			
Investigation Report	30-Jan-04 Submitted	30-May-04	25-Jul-06
Sandia Canyon			
Investigation Report	31-Aug-09	29-Dec-09	

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Upper Sandia Canyon Aggregate Area			
Investigation Work Plan ²	31-Mar-08	13-Aug-08	
Lower Sandia Canyon Aggregate Area			
Investigation Work Plan ²	30-Apr-09	13-Aug-09	
Pajarito Watershed			
SWMU 54-004 (MDA H)			
CMS Report ³	31-May-03 Submitted	31-Dec-04	Pending
CMI Plan	Pending	Pending	
Remedy Completion Report	Pending	Pending	
SWMU 54-006 (MDA L)			
Investigation Work Plan	31-Aug-03 Submitted	31-Mar-04	28-Sep-04
Investigation Report	13-Sep-05 Submitted	27-Dec-05 31-Jul-07	
CME Report ³	8/9/2007 Pending	12/7/2007 Pending	
Remedy Completion Report	9-Jul-11	6-Nov-11	
SWMU 3-010(a)			
Investigation Report	31-Aug-05 Submitted	29-Nov-05	
MDA G			
Investigation Work Plan	30-Sep-03 Submitted	31-Jul-04	5-Nov-04
Investigation Report	8-Sep-05 Submitted	21-Jan-06	Pending
CME Work Plan	6/5/2006 Submitted	31-Oct-06 31-Dec-07	
CME Report ⁵³	Pending	Pending	
Remedy Completion Report	6-Dec-15	4-Apr-16	
Pajarito Canyon			
Investigation Report	29-Feb-08	28-Jun-08	
Threemile Canyon Aggregate Area			
Investigation Work Plan ²	31-Jul-08	28-Nov-08	
Lower Pajarito Canyon Aggregate Area			
Investigation Work Plan ²	31-Jul-10	13-Dec-10	
Starter/Upper Pajarito Canyon Aggregate Area			
Investigation Work Plan ²	30-Sep-10	12-Feb-11	
Twomile Canyon Aggregate Area			

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Work Plan ²	31-Jan-10	15-Jun-10	

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Ancho Watershed			
SWMUs 49-005(a), 49-006, AOCs C-49-002, C-49-005(b), C-49-008(a, b) (Areas 5, 6, and 10)			
Investigation Work Plan	31-Oct-07	28-Feb-08	
Investigation Report	31-May-10	28-Sep-10	
SWMUs 49-001(a-g), 49-003, AOC C-49-008(d) (MDA AB, Areas 1, 3, 4, 11, and 12)			
Investigation Work Plan	31-Oct-07	28-Feb-08	
Investigation Report	31-May-10	28-Sep-10	
Remedy Completion Report	31-Jan-15	31-May-15	
Ancho/Chaquehui/Indio Canyons			
Investigation Report	28-Feb-11	29-May-11	
North Ancho Canyon Aggregate Area			
Investigation Work Plan ²	30-Sep-07	13-Jan-08	
South Ancho Canyon Aggregate Area			
Investigation Work Plan ²	31-Mar-13	29-Jun-13	
Chaquehui Watershed			
Chaquehui Canyon Aggregate Area			
Investigation Work Plan ²	30-Nov-09	28-Feb-10	
SWMU 33-013			
Remedy Completion Report	3-Mar-06 Submitted	1-Jun-06	30-Aug-06
Frijoles Watershed			
Frijoles Canyon Aggregate Area			
Investigation Work Plan ²	31-Oct-10	29-Jan-11	
Technical Area 57			
TA-57 Aggregate Area (Fenton Hill)			

Table Modification # 2

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Investigation Work Plan ²	31-Oct-11	29-Jan-12	

Note: All deliverables marked as “Submitted” were submitted to the Department on or before the due date.

1. “Notice Date” is described in Section III.M.2 of the Order on Consent.
2. Investigation Work Plans for the Aggregate Areas shall include a schedule for submitting the Investigation Reports.
- ~~3. For CMS and CME Reports, the “Notice Date” means a decision on final remedy selection by the Department.~~
- ~~4. The notice date reflects the time anticipated to issue a public notice of the remedy, respond to comments, and make changes to the document based on comments.~~
5. 3. NMED has issued a Certificate of Completion for the SWMU(s) and AOC(s) covered by this document. Pending a Class 3 permit modification to remove the SWMU(s) from the list of SWMUs requiring corrective action, NMED will no longer require submittal of this document.

**Table XII-3
Schedule of Deliverables by Calendar Year**

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
SWMU 54-004 (MDA H)	CMS Report ²	5/31/03 Submitted	12/31/04	Pending
SWMU 50-009 (MDA C)	Investigation Work Plan	7/31/03 Submitted	6/1/04	4/6/05 309 days past due
MDA G	Investigation Work Plan	9/30/03 Submitted	7/31/04	11/5/04 97 days past due
SWMU 54-006 (MDA L)	Investigation Work Plan	8/31/03 Submitted	3/31/04	9/28/04 181 days past due
SWMUs 16-021(c), 16-003(k)	Phase III RFI Report	9/30/03 Submitted	3/1/05	6/21/04
SWMUs 53-002 (a,b)	Investigation Report	1/31/04 Submitted	5/30/04	7/25/06 785 days past due
SWMUs 21-001, 21-010(a-h), 21-011(a,c-j), 21-016(a-c), 21-028(a), C-21-009, C-21-012 (MDA T)	Investigation Work Plan	2/29/04 Submitted	5/31/04	5/19/05 353 days past due
Middle Mortandad/Ten Site Canyon Aggregate Area	Supplemental SAP	3/31/04 Submitted	6/29/04	6/25/04
SWMU 16-003(o)	Investigation Work Plan	3/31/04 Submitted	6/29/04	6/28/04
Los Alamos/Pueblo Canyon	Investigation Report	4/30/04 Submitted	10/27/04	5/11/05 196 days past due
SWMUs 73-001(a-d), 73-004(d) (Airport Landfill – Mesa Top)	Remedy Design Work Plan	4/30/04 Submitted	8/28/04	9/2/04 5 days past due
SWMUs 21-013(b, g), 21-018(a, b) (MDA V)	Investigation Work Plan	6/30/04 Submitted	10/13/04	11/5/04 23 days past due
SWMU 21-015(MDA B)	Investigation Work Plan	6/30/04 Submitted	10/28/04	12/21/04 54 days past due
DP Site Aggregate Area	Investigation Work Plan ^{2a}	8/31/04 Submitted	1/28/05	4/13/05 75 days past due

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
SWMUs 21-017(a-c), 21-022(f) (MDA U)	Investigation Work Plan	11/30/04 Submitted	3/15/05	3/21/05 6 days past due
SWMUs 16-021(c), 16-003(k)	CMS Report for Surface System/Alluvial Groundwater ²	Submitted	3/1/05	10/13/06 591 days past due
SWMU 21-014 (MDA A)	Investigation Work Plan	1/31/05 Submitted	5/17/05	7/26/05 70 days past due
SWMU 16-008(a)	Investigation Work Plan	3/31/05 Submitted	7/29/05	8/19/05 21 days past due
Pueblo Canyon Aggregate Area	Investigation Work Plan	5/31/05 Submitted	9/28/05	9/23/05
SWMU 73-002	Investigation Work Plan	5/31/05 Submitted	9/28/05	9/30/05 2 days past due
SWMU 54-004 (MDA H)	CMI Plan	Pending	Pending	
Bayo Canyon Aggregate Area (including SWMUs 10-002(a,b), 10-003(a-o), 10-004(b), and 10-007)	Investigation Work Plan	7/30/05 Submitted	12/26/05	12/19/05
Guaje/Barrancas/ Rendija Canyons Aggregate Area	Investigation Work Plan ²³	7/31/05 Submitted	10/29/05	1/5/06 68 days past due
SWMU 3-010(a)	Investigation Report	8/31/05 Submitted	11/29/05	
MDA G	Investigation Report	9/8/05 Submitted	1/21/06	
SWMU 54-006 (MDA L)	Investigation Report	9/13/05 Submitted	7/31/07	
Middle Mortandad/Ten Site Canyon Aggregate Area	Investigation Report	9/30/05 Submitted	2/27/06	8/14/06 168 days past due
Middle Los Alamos Canyon Aggregate Area ²³	Investigation Work Plan	12/31/05 Submitted	5/30/06	5/30/06
SWMU 16-003(o)	Investigation Report	1/31/06 Submitted	5/1/06	10/25/06 177 days past due
SWMUs 21-017(a-c), 21-022(f) (MDA U)	Investigation Report	2/6/06 Submitted	6/6/06	9/28/06 114 days past due

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
SWMU 33-013	Remedy Completion Report	3/3/06 Submitted	6/1/06	8/30/06 90 days past due
SWMU 21-015 (MDA B)	Investigation/Remediation Work Plan	3/26/06 Submitted	1/31/07 ⁴	
Upper Los Alamos Canyon Aggregate Area	Investigation Work Plan ²³	4/30/06 Submitted	8/28/06	11/6/06 70 days past due
MDA G	CME Work Plan	6/5/06 Submitted	10/31/06 12/31/07	
SWMUs 16-021(c), 16-003(k)	Investigation Report for Intermediate and Regional Groundwater	8/31/06 Submitted	11/29/06	
SWMU 73-002	Investigation Report	9/12/06 Not submitted	12/11/06	
SWMU 54-004 (MDA H)	Remedy Completion Report	Pending	Pending	
SWMUs 21-001, 21-010(a-h), 21-011(a, c-j), 21-016(a-c), 21-028(a); AOCs C-21-009, C-21-012 (MDA T)	Investigation Report	9/18/06 Submitted	1/16/07	
Cañon de Valle Aggregate Area	Investigation Work Plan ²⁴	9/30/06 Submitted	2/12/07	
Water Canyon/Cañon de Valle	Investigation Work Plan (includes Ancho/Chaquehui/Indio/Fence/Potrillo Canyons)	9/30/06 Submitted	3/29/07	
Mortandad Canyon	Investigation Report	10/28/06 Submitted	2/25/07	
SWMUs 21-013(b, g), 21-018(a, b) (MDA V)	Investigation Report	10/31/06 Submitted	11/18/06 2/28/07	
SWMU 21-014 (MDA A)	Investigation Report	11/9/06 Submitted	3/9/07	
Chromium Contamination in Regional Well R-28 Groundwater	Interim Measures Report	11/30/06	12/30/06	
SWMU 50-009 (MDA C)	Investigation Report	12/6/06	4/5/07	
Chromium Contamination in Regional Well R-28 Groundwater	Phase II Work Plan	1/30/07	3/1/07	
SWMUs 73-001(a-d), 73-004(d) (Airport Landfill – Mesa Top)	Remedy Completion Report	4/5/07	8/3/07	
SWMUs 16-021(c), 16-003(k)	CMI Plan for Surface System/Alluvial Groundwater	5/13/07	9/30/07	
Middle Mortandad/Ten Site Canyon Aggregate Area	Revised Investigation Report	5/18/07	1/31/08	

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
SWMUs 16-021(c), 16-003(k)	CME Report for Intermediate and Regional Groundwater ²	5/31/07	9/28/07	
SWMU 16-008(a)	Investigation Report	6/21/07	9/19/07	
SWMU 54-006 (MDA L)	CME Report ²	8/9/07 Pending	12/7/07 Pending	
MDA G	CME Report ²	8/5/07 Pending	12/18/07 Pending	
Guaje/Barrancas/Rendija Canyons Aggregate Area	Investigation Report	8/31/07	12/29/07	
S-Site Aggregate Area	Investigation Work Plan ²³	9/30/07	1/28/08	
North Ancho Canyon Aggregate Area	Investigation Work Plan ²³	9/30/07	1/13/08	
SWMUs 49-001(a-g), 49-003, AOC C-49-008(d) (MDA AB, Areas 1, 3, 4, 11, and 12)	Investigation Work Plan	10/31/07	2/28/08	
SWMUs 49-005(a), 49-006, AOCs C-49-002, C-49-005(b), C-49-008(a, b) (Areas 5, 6, and 10)	Investigation Work Plan	10/31/07	2/28/08	
Middle Cañada del Buey Aggregate Area	Investigation Work Plan ²³	10/31/07	1/29/08	
Lower Los Alamos Canyon Aggregate Area	Investigation Work Plan ²³	10/31/07	1/29/08	
DP Site Aggregate Area	Investigation Report	11/7/07	9/7/08	
Upper Mortandad Canyon Aggregate Area	Investigation Work Plan ²³	11/30/07	3/29/08	
SWMUs 16-021(c), 16-003(k)	CMI Plan for Intermediate and Regional Groundwater	11/30/07	2/28/08	
Middle Los Alamos Canyon Aggregate Area	Investigation Report	1/19/08	7/19/08	
Pajarito Canyon	Investigation Report	2/29/08	6/28/08	
Bayo Canyon Aggregate Area (including SWMUs 10-002(a,b), 10-003(a-o), 10-004(b), and 10-007)	Investigation Report	3/1/08	5/30/08	
Pueblo Canyon Aggregate Area	Investigation Report	3/28/08	8/25/08	
Upper Sandia Canyon Aggregate Area	Investigation Work Plan ²³	3/31/08	8/13/08	
Upper Cañada del Buey Aggregate Area	Investigation Work Plan ²³	6/30/08	10/28/08	
Threemile Canyon Aggregate Area	Investigation Work Plan ²³	7/31/08	11/28/08	
Lower Sandia Canyon Aggregate Area	Investigation Work Plan ²³	4/30/09	8/13/09	
Lower Mortandad/Cañada del Buey Aggregate Area	Investigation Work Plan ²³	4/30/09	7/29/09	
Potrillo/Fence Canyon Aggregate Area	Investigation Work Plan ²³	4/30/09	8/13/09	

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Upper Los Alamos Canyon Aggregate Area	Investigation Report	5/31/09	4/30/10	
North Canyons (Guaje/Barrancas/Rendija/Bayo)	Investigation Report	6/30/09	9/28/09	
Sandía Canyon	Investigation Report	8/31/09	12/29/09	
Cañada del Buey	Investigation Report	8/31/09	11/29/09	
Lower Mortandad/Cedro Canyon Aggregate Area	Investigation Work Plan ²³	10/31/09	1/29/10	
Chaquehui Canyon Aggregate Area	Investigation Work Plan ²³	11/30/09	2/28/10	
Twomile Canyon Aggregate Area	Investigation Work Plan ²³	1/31/10	6/15/10	
SWMUs 49-001(a-g), 49-003, AOC C-49-008(d) (MDA AB, Areas 1, 3, 4, 11, and 12)	Investigation Report	5/31/10	9/28/10	
SWMUs 49-005(a), 49-006, AOCs C-49-002, C-49-005(b), C-49-008(a, b) (Areas 5, 6, and 10)	Investigation Report	5/31/10	9/28/10	
Lower Pajarito Canyon Aggregate Area	Investigation Work Plan ²³	7/31/10	12/13/10	
Upper Water Canyon Aggregate Area	Investigation Work Plan ²³	8/31/10	12/29/10	
SWMU 50-009 (MDA C)	Remedy Completion Report	9/5/10	1/3/11	
Starmer/Upper Pajarito Canyon Aggregate Area	Investigation Work Plan ²³	9/30/10	2/12/11	
Frijoles Canyon Aggregate Area	Investigation Work Plan ²³	10/31/10	1/29/11	
SWMUs 21-001, 21-010(a-h), 21-011(a, c-j), 21-016(a-c), and 21-028(a), and AOCs C-21-009 and C-21-012 (MDA T)	Remedy Completion Report	12/19/10	4/18/11	
Water Canyon/Cañon de Valle	Investigation Report	12/31/10	4/30/11	
SWMU 21-015 (MDA B)	Remedy Completion Report	12/31/10	6/30/11	
Ancho/Chaquehui/Indio Canyons	Investigation Report	2/28/11	5/29/11	
SWMU 21-014 (MDA A)	Remedy Completion Report	3/11/11	7/9/11	
SWMUs 21-013(b, g), 21-018(a, b) (MDA V)	Remedy Completion Report	6/2/11	9/30/11	
SWMU 54-006 (MDA L)	Remedy Completion Report	7/9/11	11/6/11	
Potrillo/Fence Canyons	Investigation Report	8/31/11	11/29/11	
TA-57 Aggregate Area (Fenton Hill)	Investigation Work Plan ²³	10/31/11	1/29/12	
SWMUs 21-017(a-c), 21-022(f) (MDA U)	Remedy Completion Report ³⁵	11/6/11	3/6/12	
Lower Water/Indio Canyon Aggregate Area	Investigation Work Plan ²³	9/30/12	12/29/12	

Table Modification # 2

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
South Ancho Canyon Aggregate Area	Investigation Work Plan ^{2,3}	3/31/13	6/29/13	
SWMUs 49-001(a-g), 49-003, AOC C-49-008(d) (MDA AB, Areas 1, 3, 4, 11, and 12)	Remedy Completion Report	1/31/15	5/31/15	
MDA G	Remedy Completion Report	12/6/15	4/4/16	

Note: All deliverables marked as “Submitted” were submitted to the Department on or before the due date.

1. “Notice Date” is described in Section III.M.2 of the Order on Consent.
- ~~2. For CMS and CME Reports, the “Notice Date” means a decision on final remedy selection by the Department.~~
- ~~3.2.~~ Investigation Work Plans for the Aggregate Areas shall include a schedule for submitting the Investigation Reports.
- ~~4. The notice date reflects the time anticipated to issue a public notice of the remedy, respond to comments, and make changes to the document based on comments.~~
- ~~5.3.~~ -NMED has issued a Certificate of Completion for the SWMU(s) and AOC(s) covered by this document. Pending a Class 3 permit modification to remove the SWMU(s) from the list of SWMUs requiring corrective action, NMED will no longer require submittal of this document.