



BILL RICHARDSON
GOVERNOR

Permit
State of New Mexico
ENVIRONMENT DEPARTMENT

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



RON CURRY
SECRETARY

CINDY PADILLA
DEPUTY SECRETARY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 28, 2007

Daniel E. Glenn
Acting Manager
Los Alamos Site Office
Department of Energy/NNSA
528 35th Street, Mail Stop A316
Los Alamos, NM 87544

Michael Anastasio
Director
Los Alamos National Laboratory
P.O. Box 1663, Mail Stop A100
Los Alamos, NM 87545

**RE: MODIFICATION #1 TO THE MARCH 1, 2005 ORDER ON CONSENT
LOS ALAMOS NATIONAL LABORATORY, EPA ID #NM0890010515**

Dear Messrs. Glenn and Anastasio:

The New Mexico Environment Department (NMED) hereby provides you with a copy of the executed Modification (Modification #1) to the March 1, 2005 Order on Consent (Consent Order). Modification #1 provided for 2006 schedule changes in the Section XII tables. As provided in Section III.J of the Consent Order, the parties (Department of Energy, Los Alamos National Security, LLC (collectively, the "Permittees"), and NMED) may modify any of the provisions of the Consent Order, provided any such modifications be in writing and signed by all parties. Attached is the signature page for Modification #1 of the Consent Order and the agreed to Section XII tables.

On November 27, 2006, the public was provided the opportunity to comment on the proposed changes to the schedule. NMED also held a public meeting on December 7, 2006, during which NMED provided additional information on the proposed changes. The public comment period ended on January 26, 2007. NMED received comments from Los Alamos County. The Consent Order schedule was not changed based on the comments received. The response to comments are attached.

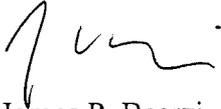


16376

Messrs. Glenn and Anastasio
June 28, 2007
Page 2

Should you have any questions, please contact me at (505) 476-6016.

Sincerely,

A handwritten signature in black ink, appearing to read 'James P. Bearzi', with a stylized flourish at the end.

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
D. Goering, NMED HWB
K. Roberts, NMED HWB
T. Skibitski, NME DOE OB
S. Yanicak, NMED DOE OB, MS J993
L. King, EPA 6PD-N
G. Rael, DOE LASO, MS A316
File: Reading and LANL General 2007

2006 LANL CONSENT ORDER SCHEDULE CHANGES
RESPONSE TO COMMENTS
June 29, 2007

NMED received comments from one commenter, Los Alamos County. The comments and NMED's responses are below.

Comment #1

Timing: NMED and DOE must be committed to quick cleanup actions and review of documents. Too often through this process either the work gets started late or the review of the reports that identify the plans for remediation or steps taken to remediate a site take an inordinate amount of time to review. The County knows that all of the parties are committed to cleanup the historical contamination at LANL. However, the County needs the parties to undertake the actions in accordance with the schedule provided in the Compliance Order on Consent in March 2005. The continued extensions of time to cleanup the site is not an "accelerated" cleanup as the presentation to the community on this issue would suggest. Further delay in the cleanup does not help the citizens of Los Alamos and the State of New Mexico. Instead of delay, can DOE commit additional funds to cleanup the contamination on an accelerated basis as it did at Rocky Flats, Fernald, and Mound sites?

The current schedule represents at least one large delay due to the changes proposed in late 2005 and NMED and LANL are proposing a further delay to that schedule. It is critical to the health and welfare of Los Alamos County and its residents that cleanup proceed as originally scheduled. Los Alamos County requests that NMED and DOE/LANL complete cleanup by the dates provided in the Compliance Order on Consent as it was agreed to in March 2005 and amended in early 2006, and sooner whenever possible.

Response #1

NMED is committed to a timely cleanup of LANL's historical contamination. The cleanup schedule in the March 2005 Compliance Order on Consent (Order) has changed over time to accommodate review times and time extension requests. Although not anticipated, all parties recognize that both situations could potentially occur as priorities change. For example, the chromium detected in regional groundwater well R-28 meant the redirection of NMED's resources from the review of one document on the schedule (*Mortandad Canyon Investigation Report*) to another (*Interim Measures Investigation Report for Chromium Contamination in Groundwater*). It also meant the acceleration of the Sandia Canyon investigation, which is now being performed earlier. Another example is the cleanup of material disposal area (MDA) V, during which larger amounts of waste than anticipated were discovered and additional time beyond the scheduled date was warranted to properly clean the site. Table XII-1 of the Order presents the due dates the parties have committed to for submitting final remedy completion reports for all major sites. These dates have not changed from the March 2005 Order (except for MDA B which had been accelerated, and MDA G which was subject to a late review) and

continue to represent the parties' commitment to final cleanup of LANL by 2015 as originally agreed upon.

During the past several months, NMED has made great strides in performing timely document reviews. For instance, since October 1, 2006, NMED has reviewed all documents having notice dates in this period on or before the notice dates.

NMED cannot make funding commitments on behalf of DOE, but agrees with the County that robust funding is an important component of accelerated cleanups at other DOE sites.

Comment #2

Coordination: As the process evolves, the County requests that DOE, LANS and NMED keep the County informed on the progress of the cleanup activities and milestones; and where acceleration of cleanup or missed deadlines occur and the reasons for the actions occurring. The County is committed to working with the parties to expedite a complete and safe cleanup. The County would like to receive a copy or a summary of the quarterly status reports that DOE/LANL submits to NMED on this cleanup action.

Response #2

NMED has committed to holding an annual meeting to notify the public of changes made to the cleanup schedule. These meetings provide information on what changes have occurred and the reasons for the changes. These meetings are opportunities for the public to ask questions or provide comments on the schedule changes, as well as an additional period during which written comments are solicited. In addition to the meetings, the public can access the Periodic Monitoring Reports and other documents LANL submits to NMED. The Periodic Monitoring Reports present the results of all water, vapor, and remediation monitoring performed during a specific period. These reports are available at www.nmenv.state.nm.us/hwb/lanlperm.html. Finally, NMED encourages the County to continue to avail itself of NMED staff familiar with individual sites of interest to the County.

The schedule changes proposed in this action are due either to extension requests made by LANL and granted by NMED, or to failure of NMED to meet notice dates in the Consent Order, with the following exceptions:

- MDA L Investigation Report – Changed notice date to accommodate additional work we are requiring.
- MDA B Investigation/Remediation Work Plan – Changed notice date to accommodate submittal of a remediation work plan instead of investigation work plan.
- MDA B Remedy Completion Report – Changed notice date to accommodate submittal of a remediation work plan instead of investigation work plan.
- MDA G CME Work Plan – Changed notice date to accommodate additional work we are requiring.

Comment #3

Shipping of hazardous and radioactive waste. Currently, multiple shipments are planned per day. DOE, LANL and NMED should coordinate with Los Alamos County to ensure that these shipments occur at times and through routes that accomplish the parties' goals and are not disruptive to the community. Any impact on local roadway infrastructure should be avoided whenever possible and repairs budgeted into project budgets where impacts are likely.

Response #3

The Permittees are required to comply with all applicable local, state and federal regulations during corrective action activities, including those relating to transportation of wastes. However, transportation issues are beyond NMED's regulatory and statutory authority. Hence, NMED cannot impose any conditions related to these concerns on the Permittees. NMED nevertheless urges the Permittees and the County to coordinate transportation routes and shipping schedules to accommodate the County's concerns.

Comment #4

Land Use Controls. As cleanup progresses, any land use control discussions that evolve from this risk based cleanup should be coordinated with the County.

Response #4

NMED agrees that any land use controls or deed restrictions that may limit future use of property to a particular use scenario for property intended to be transferred to the County should be discussed with the County. This process is contemplated in the Consent Order at Section III.Y.

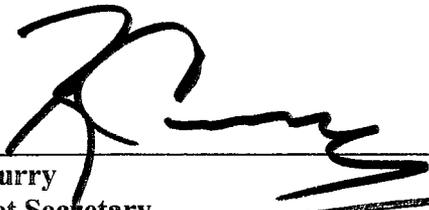
Comment #5

Support the Cleanup. The County supports the cleanup actions, as it is critical for the continued health safety and welfare of the community.

Response #5

No response necessary.

Modification #1 to the March 1, 2005 Order on Consent consists of changes to Section XII due to changes in the schedule of some submittals in 2006. Modification #1 to the March 1, 2005 Order on Consent is hereby AGREED and CONSENTED TO by the Parties, pursuant to Section III.J:



Ron Curry
Cabinet Secretary
New Mexico Environment Department

6/18/07

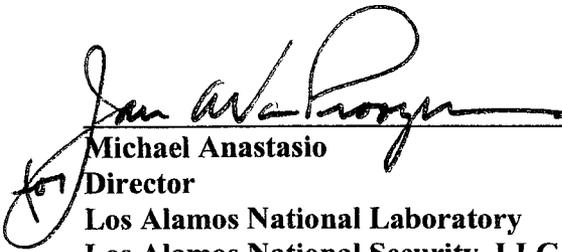
Date



Daniel Glenn
Acting Manager
Los Alamos Site Office
Department of Energy

6/9/07

Date



Michael Anastasio
Director
Los Alamos National Laboratory
Los Alamos National Security, LLC

31 May 2007

Date

**Table XII-1
Closure Milestone Schedule**

SITE	DELIVERABLE	DUE DATE
Los Alamos/Pueblo Watershed		
Los Alamos/Pueblo Canyon	Appropriate Report ¹	Submitted
MDA T	Appropriate Report ¹	9/18/06 Submitted
	Remedy Completion Report	12/19/10
MDA B	Remedy Completion Report	12/31/10
MDA U	Appropriate Report ¹	2/6/06 Submitted
	Remedy Completion Report ²	11/6/11
MDA V	Appropriate Report ¹	7/21/06 10/31/06 Submitted
	Remedy Completion Report	12/23/10 6/2/11
MDA A	Appropriate Report ¹	11/9/06 Submitted
	Remedy Completion Report	3/11/11
North Canyons (Guaje/Barrancas/Rendija/Bayo)	Appropriate Report ¹	6/30/09
Los Alamos/Pueblo Canyon Aggregate Areas	Remedy Completion Reports	8/31/11
Mortandad Watershed		
MDA C	Appropriate Report ¹	12/6/06
	Remedy Completion Report	9/5/10
TA-35 (Middle Mortandad/Ten Site Aggregate Area)	Appropriate Report ¹	9/30/05 Submitted
Mortandad Canyon	Appropriate Report ¹	10/28/06 Submitted
Cañada del Buey	Appropriate Report ¹	8/31/09
Mortandad Canyon Aggregate Areas	Remedy Completion Reports	11/30/12
Water Canyon/Cañon de Valle Watershed		
Water Canyon/Cañon de Valle	Appropriate Report ¹	12/31/10
Potrillo/Fence Canyons	Appropriate Report ¹	8/31/11
Water Canyon/Cañon de Valle Aggregate Areas	Remedy Completion Reports	8/31/15

Modification #1

SITE	DELIVERABLE	DUE DATE
Sandia Watershed		
Sandia Canyon	Appropriate Report ¹	8/31/09
Sandia Canyon Aggregate Areas	Remedy Completion Reports	1/31/11
Pajarito Watershed		
MDA H	Appropriate Report ¹	Pending
	Remedy Completion Report	Pending
MDA G	Appropriate Report ¹	8/5/07 Pending
	Remedy Completion Report	12/6/15
MDA L	Appropriate Report ¹	8/9/07 Pending
	Remedy Completion Report	7/9/11
Pajarito Canyon	Appropriate Report ¹	2/29/08
Pajarito Canyon Aggregate Areas	Remedy Completion Reports	4/30/15
Ancho/Chaquehui/Frijoles Watersheds		
MDA AB	Appropriate Report ¹	5/31/10
	Remedy Completion Report	1/31/15
Frijoles Canyon Aggregate Area	Remedy Completion Report	10/31/11
Ancho/Chaquehui/Indio Canyons	Appropriate Report ¹	2/28/11
Chaquehui Canyon Aggregate Area	Remedy Completion Report	8/31/14
Ancho Canyon Aggregate Areas	Remedy Completion Reports	2/28/15

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

1. Appropriate Report includes one or more of the following: Investigation Report, Corrective Measures Implementation Plan, Corrective Measures Evaluation Report, Remedy Completion Report, or other document as required.
2. 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-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 ⁴	
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 ⁵	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	
Los Alamos/Pueblo Canyons			

Modification #1

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-o), 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	4/30/2006 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
Investigation Report	6-Dec-06	5-Apr-07	

Modification #1

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
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 ³			
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	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)			
Investigation Work Plan	31-Mar-05 Submitted	29-Jul-05	19-Aug-05
Investigation Report	21-Jun-07	19-Sep-07	

Modification #1

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
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	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/Chaquhui/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	
Upper Sandia Canyon Aggregate Area			
Investigation Work Plan ²	31-Mar-08	13-Aug-08	
Lower Sandia Canyon Aggregate Area			

Modification #1

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
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	5-Jun-06 Submitted	31-Oct-06 31- Dec-07	
CME Report ⁵	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	
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	
Ancho Watershed			

Modification #1

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
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)			
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.

Modification #1

DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
-------------	----------	--------------------------	-----------------------

5. 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 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
		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 ³	8/31/04 Submitted	1/28/05	4/13/05 75 days past due

Modification #1

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 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 ³	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 ³	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

Modification #1

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	7/23/06 1/31/07 ⁴	
Upper Los Alamos Canyon Aggregate Area	Investigation Work Plan ³	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 ³	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	7/21/06 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	

Modification #1

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Middle Mortandad/Ten Site Canyon Aggregate Area	Revised Investigation Report	5/18/07	1/31/08	
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 ³	9/30/07	1/28/08	
North Ancho Canyon Aggregate Area	Investigation Work Plan ³	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 ³	10/31/07	1/29/08	
Lower Los Alamos Canyon Aggregate Area	Investigation Work Plan ³	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 ³	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 ³	3/31/08	8/13/08	
Upper Cañada del Buey Aggregate Area	Investigation Work Plan ³	6/30/08	10/28/08	
Threemile Canyon Aggregate Area	Investigation Work Plan ³	7/31/08	11/28/08	
		CY09		
Lower Sandia Canyon Aggregate Area	Investigation Work Plan ³	4/30/09	8/13/09	
Lower Mortandad/Cañada del Buey Aggregate Area	Investigation Work Plan ³	4/30/09	7/29/09	

Modification #1

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Potrillo/Fence Canyon Aggregate Area	Investigation Work Plan ³	4/30/09	8/13/09	
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 ³	10/31/09	1/29/10	
Chaquehui Canyon Aggregate Area	Investigation Work Plan ³	11/30/09	2/28/10	
		CY10		
Twomile Canyon Aggregate Area	Investigation Work Plan ³	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 ³	7/31/10	12/13/10	
Upper Water Canyon Aggregate Area	Investigation Work Plan ³	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 ³	9/30/10	2/12/11	
Frijoles Canyon Aggregate Area	Investigation Work Plan ³	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 ³	10/31/11	1/29/12	
SWMUs 21-017(a-c), 21-022(f) (MDA U)	Remedy Completion Report ⁵	11/6/11	3/6/12	
		CY12		

Modification #1

SITE	DELIVERABLE	DUE DATE	NOTICE DATE ¹	ACTUAL NOTICE DATE
Lower Water/Indio Canyon Aggregate Area	Investigation Work Plan ³	9/30/12	12/29/12	
		CY13		
South Ancho Canyon Aggregate Area	Investigation Work Plan ³	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. For CMS and CME Reports, the "Notice Date" means a decision on final remedy selection by the Department.
3. 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. 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.