

**LANL Consent Order Extensions
as of July 16, 2013**

Count	Request (LANL)	Approval (NMED)	Document	Original Submittal Date	Extended Submittal Date	Time Length of Extension	Type	Project description relative to water quality monitoring
1	10/6/2011	10/21/2011	Extension Request to Complete Well R-59	11/30/2011	11/30/2013	2 year extension	Well	MDA C - other regional wells located downgradient of the site
2	10/6/2011	10/21/2011	Extension Request for Submittal of the Proposed Location for Regional Aquifer Well R-59	10/31/2011	10/31/2013	2 year extension	Well	MDA C -other regional wells located downgradient of the site
3	10/6/2011	10/19/2011	Extension Request to Complete the Two-Phase Purge Test for Regional Aquifer Well R-29	10/21/2011	10/21/2013	2 year extension	Well	newly installed well at TA-49. Potential drilling effects are being evaluated relative to nearby well R-30
4	10/6/2011	10/19/2011	Extension Request for Submittal of the Summary Report for the Two-Phase Purge Test for Regional Aquifer Well R-29	12/21/2011	12/21/2013	2 year extension	Well	newly installed well at TA-49. Potential drilling effects are being evaluated relative to nearby well R-30
5	10/6/2011	10/11/2011	Extension Request for the Submittal of the NOD Response for Revision 1 of the Potrillo and Fence Canyons Aggregate Area Investigation Report	10/21/2011	11/30/2011	1 month extension	Investigation Report	Adjustment to methods of reporting data
6	10/13/2011	10/24/2011	Extension Request for the Investigation Work Plan and Historical Investigation Report for the TA-57 Aggregate Area (Fenton Hill)	10/31/2011	4/30/2012	6 month extension	Investigation Work Plan	TA-57 is located in Valle Grande
7	11/4/2011	11/7/2011	Request for Extension to the Direction to Modify for the Phase II Investigation Report for Middle Los Alamos Canyon Aggregate Area, Revision 1	11/30/2011	11/30/2013	2 year extension	Investigation Report	Comments related to reported data and additional shallow subsurface soil investigation
8	11/10/2011	11/21/2011	Request for Extension for Water Application to Bermed Area and the Installation and Instrumentation of Six Boreholes at TA-21 for Vadose Zone Moisture Monitoring	January 31 and July 31, 2012	January 31 and July 31, 2014	2 year extension	Pilot Test	TA-21 vadose zone monitoring related to vapor phase contamination. Moisture content influences subsurface tritium and VOC migration. Related to vapor intrusion and potential migration to groundwater.
9	11/10/2011	11/21/2011	Request for Extension to Submit the Work Plan for Well SCI-4	2/15/2012	2/15/2014	2 year extension	Well	Chromium Plume intermediate aquifer well installation dependent on data needs
10	11/10/2011	11/18/2011	Request for Extension to Complete Well R-65	1/15/2012	1/15/2014	2 year extension	Well	Regional well to be sited based on TA-21 well network evaluation. The well will monitor the regional aquifer downgradient of TA-21 and townsite
11	11/10/2011	11/18/2011	Complete the Installation of Perched Intermediate Well R-10i	1/20/2012	1/20/2014	2 year extension	Well	Downgradient intermediate well on San Ildefonso Pueblo land. During drilling of R-10, a productive intermediate zone was encountered. A water sample contained nitrate, sulfate, perchlorate and uranium. This perched aquifer does not outcrop at the surface, and could mix with regional aquifer water near the Buckman wellfield.
12	11/10/2011	11/21/2011	Request for Extension to Submit the Phase II Investigation Work Plan for the Lower Sandia Canyon Aggregate Area	3/26/2012	3/26/2014	2 year extension	Investigation Work Plan	Investigation of shallow subsurface
13	11/10/2011	11/21/2011	Request for Extension to Submit the Work Plan for Additional Investigations in Potrillo/Fence Canyons	2/15/2012	2/15/2014	2 year extension	Investigation Work Plan	Investigation of shallow subsurface and sediments
14	11/17/2011	11/28/2011	Request for Extension to Submit the DP West Building 21-005 and 21-150 Building Footprint Letter Work Plans	5/15/2012	5/15/2014	2 year extension	Investigation Work Plan	Investigation of shallow subsurface
15	11/17/2011	11/17/2011	Request for Extension to Submit the Investigation Report for Lower Pajarito Canyon Aggregate Area	7/31/2012	7/31/2014	2 year extension	Investigation Report	Investigation of shallow subsurface and sediments/water quality monitored by TA-54 monitoring network
16	11/17/2011	11/23/2011	Request for Extension to Submit the Investigation Report for TwoMile Canyon Aggregate Area	8/30/2012	8/30/2014	2 year extension	Investigation Report	TA-15 is located on the west side of the lab/gw and storm water monitoring is ongoing to the east

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17	11/21/2011	12/6/2011	Request for Extension to Submit the Phase II Investigation Report for TA-49 Outside Nuclear Environmental Site Boundary	9/30/2012	9/30/2014	2 year extension	Investigation Report	Investigation of shallow subsurface
18	11/21/2011	12/6/2011	Request for Extension to Submit the Phase II Investigation Report for TA-49 Inside Nuclear Environmental Site Boundary	9/30/2012	9/30/2014	2 year extension	Investigation Report	Investigation of shallow subsurface
19	11/21/2011	12/5/2011	Request for Extension to Submit the Investigation Work Plan Lower Water/Indio Canyon Aggregate Area	9/30/2012	9/30/2014	2 year extension	Investigation Work Plan	Investigation of shallow subsurface and sediments
20	11/21/2011	12/5/2011	Request for Extension to Submit the Phase II Investigation Report North Ancho Canyon Aggregate Area	9/30/2012	9/30/2014	2 year extension	Investigation Report	Investigation of shallow subsurface and sediments
21	12/2/2011	12/14/2011	CME Report for MDA C	2/29/2012	9/28/2012	7 month extension	CME	TA-50 gw monitoring network nearly complete/TA-54 monitoring network present downgradient
22	12/2/2011	12/14/2011	Request for Extension to Submit the Phase II Investigation Report for Sandia Canyon	4/30/2012	7/31/2012	3 month extension	Investigation Report	Due date for part of the report will be extended to 9/30/12. Chromium plume-related data, submitted on 4/27/12. Pump and treat at R-28 is anticipated. Additional wells may be required depending on pumping influences. To date, downgradient wells do not contain Cr at significant levels.
23	12/2/2011	12/12/2011	Well Evaluation and Network Recommendations Study Report for TA-16 and Upper Water Canyon Watershed	1/3/2012	4/30/2012	2 month extension	Investigation Report	submitted
24	12/2/2011	12/14/2011	Request for Extension to Submit the Phase III Investigation Report for DP Site Aggregate Area	4/20/2012	4/20/2014	2 year extension	Investigation Report	Investigation of shallow subsurface
25	12/7/2011	12/14/2011	Request for Extension to Submit the Investigation Report for Cañon de Valle Aggregate Area, Technical Area 15	6/15/2012	7/2/2014	2 year extension	Investigation Report	Investigation of shallow subsurface
26	12/14/2011	12/21/2011	Complete Ten Plugged and Abandoned Wells in 2011	12/30/2011	3/31/2012	3 month extension	Well	completed
27	12/15/2011	NA	Revised Investigation/Remediation Report for Material Disposal Area B, Revised Investigation/Remediation Report for Material Disposal Area B, Solid Waste Management Unit 21-015	9/30/2011	4/30/2012	7 month extension	Investigation/Remediation Report	Investigation and remediation of shallow subsurface
28	1/20/2012	1/30/2012	Request for Extension to Complete Plug and Abandon Test Well 3	2/10/2012	3/31/2012	6 weeks	Well	NA see below
29	2/2/2012	2/13/2012	Request for an Additional Extension to Plug and Abandon Test Well 3	2/10/2012	4/20/2012	6 weeks plus additional 3 weeks	Well	completed
30	2/15/2012	2/21/2012	Request for Extension to Submit Well Completion Report for R-62	2/29/2012	3/30/2012	1 month	Well	submitted
31	2/15/2012	2/21/2012	Request for Extension to Install a Permanent Sampling System in CdV-16-4ip and to Perform Water-Quality Time-Series Sampling Pursuant to the December 27, 2011, Approval with Modifications of the Hydrologic Testing Report for Consolidated Unit 16-021 (c)-99	2/29/2012	3/13/2012	2 weeks	well purge test	completed
32	3/8/2012	3/19/2012	Request for Extension to Respond to Notice of Disapproval for Investigation Report for Water Canyon/Canon de Valle	3/15/2012	1/31/2013	10.5 months	Investigation Report	located on south western lab boundary. Goundwater monitoring network nearly complete, 2011 Las Conchas fire floor damage being assessed, mitigation measures being evaluated

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33	6/7/2012	6/15/2012	Request for Extension to Submit the Response to the NOD and Phase 2 Investigaion Work Plan for S-Site Aggregate Area	9/15/2012	9/15/2014	2 years	Investigation Report NOD response and Phase 2 Work Plan	Investigation of shallow subsurface
34	6/7/2012	6/15/2012	Request for Extension to Submit the Phase 2 Investigation Report for Upper Mortandad Canyon Aggregate Area	1/31/2013	1/31/2015	2 years	Investigation Report	Investigation of shallow subsurface
35	6/7/2012	6/15/2012	Request for Extension to Submit the Investigation Report for Upper Water Canyon Aggregate Area	12/31/2012	12/31/2014	2 years	Investigation Report	Investigation of shallow subsurface
36	6/7/2012	6/15/2012	Request for Extension to Submit the Investigation Report for Water Canyon/Cañon de Valle, Revision1	1/31/2013	1/31/2015	2 years	Investigation Report	Investigation of shallow subsurface
37	6/13/2012	6/22/2012	Request for Extension to Submit the Investigation Report for Starmer/Upper Pajarito Canyon Aggregate Area	12/31/2012	12/31/2014	2 years	Investigation Report	Investigation of shallow subsurface
38	6/13/2012	6/22/2012	Request for Extension to Submit the Investigation Report for Upper Los Alamos Canyon Aggregate Area	8/30/2012	8/30/2013	1 year	Investigation Report	Investigation of shallow subsurface
39	6/13/2012	6/22/2012	Request for Extension to Submit the Phase 2 Investigation Report for Threemile Canyon Aggregate Area	8/31/2013	8/31/2015	2 years	Investigation Report	Investigation of shallow subsurface
40	6/14/2012	6/26/2012	Request for Extension to Submit the Phase 2 Investigation Report for Upper Sandia Canyon Aggregate Area	4/30/2013	4/30/2015	2 years	Investigation Report	Investigation of shallow subsurface
41	6/14/2012	6/26/2012	Request for Extension to Submit the Investigation Report for Chaquehui Canyon Aggregate Area	3/31/2013	3/31/2015	2 years	Investigation Report	Investigation of shallow subsurface
42	6/20/2012	7/2/2012	Request for Extension to Submit the Response to the NOD for the Investigation Report for Lower Mortandad/Cedro Canyons Aggregate Area	6/23/2012	8/22/2012	60 days	Investigation Report	Investigation of shallow subsurface
43	6/22/2012	6/29/2012	Request for Extension to Submit the Response for the 2012 Monitoring Plan for Los Alamos and Pueblo Canyon Sediment Transport Mitigation Project, Rev. 1	6/22/2012	7/24/2012	32 days	Monitoring Plan	storm water, sediment and contaminant transport monitoring
44	6/22/2012	7/2/2012	Request for Extension to Install Sampling Systems at Wells R-5, R-7, R-8 and R-9i and to Submit the Letter Confirming Installation	10/11/2012 and 11/1/2012	10/11/2014 and 11/1/2014	2 years	Sampling System Improvement	Regional and Intermediate Groundwater Monitoring and Westbay Well Replacement
45	6/22/2012	7/3/2012	Erquest for Extension to Submit the DP West Building Footprint Letter Work Plan	10/1/2012	10/1/2014	2 years	Investigation Work Plan	Investigation of shallow subsurface
46	6/26/2012	7/30/2012	Request for Extension to Submit the Response to the Third NOD for the Investigation Report for Delta Prime Site Aggregate Area Delayed Sites and Delta Prime East Building Footprints at TA-21 adn the Investigation Report, Revision 2	8/6/2012	8/6/2014	2 years	Investigation Report Rev 2	Investigation of shallow subsurface
47	6/28/2012	7/16/2012	Erquest for Extension to Complete the Technical Area 54 Monitoring Group's Long-Term Groundwater Monitoring Well R-22	9/30/2012	1/31/2013	4 months	Pump Installation	Deep Regional Groundwater Monitoring Point
48	7/26/2012	7/30/2012	Request for Extension to Submit Documents Stipulated in the Approval With Modifications for the TA-16 Well Network Evaluation and Recommendations	August - September 2012	November - December 2012	3 months	6 work plans for rehab, installation or abandon-ment of wells	Regional and Intermediate Groundwater Monitoring
49	7/27/2012	7/31/2012	Revised Request for Extension to Submit the Response to the NOD and the Investigation Report for Cañon de Valle Aggregate Area, TA-14, Revision1	7/31/2012	4/30/2013	9 months	Investigation Report	Investigation of shallow subsurface
50	7/31/2012	8/9/2012	Request for Extension for the Tracer Test at Consolidated Unit 16-021(c)-99	8/31/31 and 10/15/2012	11/30/2012 and 1/27/2012	3 months	Tracer Bench test and test	Regional and Intermediate Groundwater Monitoring

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51	9/13/2012	9/21/2012	Request for Extension for Completion of R-61 Redevelopment and Submittal of the Summary Report	9/30/2012 and 2/27/2012	10/31/2012 and 3/29/2012	1 month	Well Rehab	Regional Groundwater Monitoring Chromium Plume Well
52	9/26/2012	10/10/2012	Request for Extension to Install Sampling Systems at Wells R-5, R-7, R-8 and R-9i	10/11/12 and 11/9/12	6/30/14 and 7/30/14	21 months	Well Rehab	Regional and intermediate groundwater monitoring
53	11/5/2012	11/20/2012	Request for Extension to Obtain Permits and Deploy Tracers for the Tracer Test at Consolidated Unit 16-021(c) -99	1/27/2013	5/30/2013	4 months Second extension	Pilot Test	Regional and intermediate groundwater investigation
54	11/7/2012	11/20/2012	Request for Extension to submit the Summary Report for Direct Current Resistivity Profiling in Cañon de Valle	4/3/2013	9/30/2013	6 months	Pilot Test	Regional and intermediate groundwater investigation
55	11/7/2012	11/20/2012	Request for Extension to submit the work plan for South Ancho Canyon	3/31/2013	9/30/2013	6 months	Investigation Work Plan	Investigation of shallow subsurface
56	11/7/2012	11/20/2012	Request for Extension to complete the Technical Area 54 Monitoring Group's Long-term Groundwater Monitoring Well R-22 Screen 3 Redevelopment and Pump Installation	1/31/2013	7/31/2013	6 months	Well Rehab	Regional groundwater monitoring
57	11/7/2012	11/20/2012	Request for Extension to Submit the Response to the NOD and the Investigation Report for Cañon de Valle Aggregate Area, TA-14, Revision1	4/30/2013	7/31/2013	3 months Second extension	Investigation Report	Investigation of shallow subsurface
58	11/8/2012	11/20/2012	Request for Extension to Submit the Phase 2 Work Plan for Potrillo and Fence Canyons Aggregate Area	6/14/2013	9/30/2013	3.5 months Second extension	Investigation Work Plan	Investigation of shallow subsurface
59	11/8/2012	11/20/2012	Request for Extension to Submit the Phase 2 Report for Upper Los Alamos Canyon Aggregate Area	8/30/2013	2/28/2014	3.5 months Second extension	Investigation Report	Investigation of shallow subsurface
60	5/9/2013	5/14/2013	Request for Extension to Submit the Response to the NOD and the Investigation Report for Cañon de Valle Aggregate Area, TA-14, Revision1	7/31/2013	3/31/2014	8 months Third extension	Investigation Report	Investigation of shallow subsurface
61	5/9/2013	5/16/2013	Request for Extension to Obtain Permits and Deploy Tracers for the Tracer Test at Consolidated Unit 16-021(c) -99	5/30/2013	3/31/2014	10 months Third extension	Pilot Test	Regional and intermediate groundwater investigation
62	5/9/2013	5/17/2013	Request for Extension to complete the Technical Area 54 Monitoring Group's Long-term Groundwater Monitoring Well R-22 Screen 3 Redevelopment and Pump Installation	9/30/2012	6/30/2014	11 months Third extension	Well Rehab	Regional groundwater monitoring
63	5/28/2013	6/7/2013	Request for extension to submit the R-61 Replacement Work Plan	6/14/2013	9/30/2014 request was for 9/30/2013	15 months	Well replacement	Regional Groundwater Monitoring
64	6/14/2013	6/28/2013	Request for extension to complete reconfiguration and submit summary reports for wells CdV-16-4ip, CdV-R-15-3 and CdV-R-37-2	6/30/13 reconfiguration 8/31/13 reports	9/30/13 combined	90 days reconfiguration 30 days reporting	well screen abandonment and pump installations	Intermediate and Regional Groundwater Monitoring
65	6/27/2013	7/16/2013 Automatic	Requests for Extension to Submit the Drilling Work Plans for R-54 and R-55i Replacement Wells	7/15/2013	12/15/2013	150 days	Well replacement	Intermediate and Regional Groundwater Monitoring