

LANL Consent Order Extensions

| Request (LANL) | Approval (NMED) | Document | Original Submittal Date | Extended Submittal Date | Time Length of Extension | Type | Project description relative to water quality monitoring |
|----------------|-----------------|---|------------------------------|------------------------------|--------------------------|-------------------------|---|
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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. |
| 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 |
| 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 |
| 11/10/2011 | 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. |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

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| 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 |
| 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 |
| 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 |
| 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. |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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. Groundwater monitoring network nearly complete. 2011 Las Conchas fire floor damage being assessed, mitigation measures being evaluated |
| 6/7/2012 | 6/15/2012 | Request for Extension to Submit the Response to the NOD and Phase 2 Investigation 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 |
| 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 |
| 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 |

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| 6/7/2012 | 6/15/2012 | Request for Extension to Submit the Investigation Report for Water Canyon/Cañon de Valle, Revision 1 | 1/31/2013 | 1/31/2015 | 2 years | Investigation Report | Investigation of shallow subsurface |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 6/22/2012 | 7/3/2012 | Request 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 |
| 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 and the Investigation Report, Revision 2 | 8/6/2012 | 8/6/2014 | 2 years | Investigation Report Rev 2 | Investigation of shallow subsurface |
| 6/28/2012 | 7/16/2012 | Request 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 |

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| 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 |
| 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 |
| 7/31/2012 | 8/9/2012 | Request for Extension for the Tracer Test at Consolidated Unit 16-021(c)-99 | 8/31/12 and 10/15/2012 | 11/30/2012 and 1/27/2012 | 3 months | Tracer Bench test and test | Regional and Intermediate Groundwater Monitoring |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

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| 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 |
| 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 |
| 5/28/2013 | 6/7/2013 | Request for extension to submit the R-61 Replacement Work Plan | 6/14/2013 | 9/30/2014 | 15 months | Well replacement | Regional Groundwater Monitoring |
| 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 |
| 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 |
| 7/19/2013 | 8/7/2013 Automatic | Request for extension to complete R-63i installation | 9/30/2013 | 11/29/13 install 12/31/13 fact sheet 4/30/14 comp rpt | 60 days | Well completion | Intermediate and Regional Groundwater Monitoring |
| 7/19/2013 | 9/16/13 Automatic | Request for extension to complete CdV-9-1(i) installation | 10/31/2013 | 4/30/14 install 5/30/14 fact sht 9/30/14 comp rpt | 6 months | Well completion | Intermediate and Regional Groundwater Monitoring |
| 7/19/2013 | 9/16/13 Automatic | Request for extension to complete R-58 installation | 9/30/2013 | 6/30/14 install 7/31/14 fact sht 11/28/14 comp rpt | 9 months | Well completion | Intermediate and Regional Groundwater Monitoring |
| 7/19/2013 | 9/16/13 Automatic | Request for extension to complete R-47 installation | 9/30/2013 | 6/30/14 install 7/31/14 fact sht 11/28/14 comp rpt | 9 months | Well completion | Intermediate and Regional Groundwater Monitoring |
| 7/19/2013 | 8/2/2013 | Request for extension to submit the Investigation Work Plan for South Ancho Canyon | 9/30/2013 second ext from original due date 3/31/13 | 6/30/2014 | 15 months | Investigation work plan | Investigation of shallow subsurface and canyon sediments |
| 9/4/2013 | 11/1/2013 Automatic | Request for Extension to submit the Summary Report for Direct Current Resistivity Profiling in Cañon de Valle | 4/3/2013 | 1/15/2014 | 10.5 months second extension | Pilot Test | Regional and intermediate groundwater investigation |
| 9/4/2013 | 11/1/2013 Automatic | Request for Extension to Submit the Phase 2 Work Plan for Potrillo and Fence Canyons Aggregate Area | 6/14/2012 | 6/30/2014 | 2 years Third extension | Investigation Work Plan | Investigation of shallow subsurface |

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| 11/13/2013 | 12/3/13 Automatic | Request for Extension to Submit the Response to the Driection to Modify the Pahse 2 Investigation Report for Middle Los Alamos Canyon Aggregate Area, Rev 1 | 11/30/2013 | 6/30/2014 | 7 months | Investigation Report | Investigation of shallow subsurface |
| 11/13/2013 | 1/2/14 Automatic | Request for Extension to Submit Proposed Location for Regional Well R-59 | 11/7/2013 | 6/30/2014 | 8 months | identification of a proposed well location | Regional groundwater investigation |
| 11/13/2013 | 1/2/14 Automatic | Request for Extension for Well Completion Summary Fact Sheet for Weill R-26i | 11/30/2013 | 6/30/2014 | 7 months | Fact Sheet | intermediate groundwater investigation |
| 11/13/2013 | 1/2/14 Automatic | Request for Extension for Well Completion Summary Fact Sheet for Weill R-63i | 12/30/2013 | 6/30/2014 | 6 months | Fact Sheet | intermediate groundwater investigation |
| 11/26/2013 | 1/2/14 Automatic | Request for Extension to Submit the Phase 2 Investigation/Remediation Report for MDA A | 5/31/2012 first extension to 12/20/13 | 6/30/2014 | 6.3 months Second extension | Investigation-Remediation Report | Shallow subsurface waste and contamination removal and characterization |
| 11/26/2013 | 1/2/14 Automatic | Request for Extension to Submit the R-54 S1 Well Replacement Work Plan | 12/15/2013 | 6/30/2014 | 6.5 months | work plan | Regional groundwater investigation |
| 11/26/2013 | 1/2/14 Automatic | Request for Extension to Submit the R-55i Well Replacement Work Plan | 12/15/2013 | 6/30/2014 | 6.5 months | work plan | intermediate groundwater investigation |
| 12/10/2013 | 3/13/2014 | Extension Request Clarification of Submittal Schedule for the CMI Plan and Remedy Completion Reports for MDA T | 12/15/2013 | up to 12/13/15 | 2 yrs | work plan | Shallow and deep subsurface waste and contamination removal and characterization |
| 12/18/2013 | 1/8/14 automatic | Request for Extension to Complete Installation of Well R-10i | 1/20/2014 | 6/30/2014 | 5.5 months | well installation | intermediate groundwater investigation |
| 12/18/2013 | 1/8/14 automatic | Request for Extension to Complete Installation of Well R-65 | 1/15/2014 | 6/30/2014 | 5.5 months | well installation | Regional groundwater investigation |
| 1/13/2014 | 3/19/14 automatic | Request for Extension to Submit the Supplemental Information for the Bandelier Tuff Unit 4 Background Study Report | 1/31/2014 | 6/30/2014 | 5 months | report | soil background study |

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| 1/13/2014 | 3/13/14 Automatic | Request for Extension for Water Application to Bermed Area and the Installation and Instrumentation of Six Boreholes at TA-21 for Vadsoe Zone Moisture Monitoring | 1/31/2014 | 6/30/2014 | 5 months (second extension. first extension was for 26 months) | monitoring system installation | vadose zone vapor monitoring |
| 1/27/2014 | 3/19/14 automatic | Request for Extension to Submit the Work Plan for Additional Investigations in Potrillo/Fence Canyons Aggregate Area | 2/15/2014 | 6/30/2014 | 4 months | work plan | Investigation of shallow subsurface |
| 1/27/2014 | 3/19/14 automatic | Request for Extension to Submit the Phase II Investigation Report for Upper Los Alamos Canyon Aggregate Area | 2/28/2014 | 6/30/2014 | 4 months 3rd extension original due date 8/30/12 | Investigation Report | Investigation of shallow subsurface |
| 3/6/2014 | automatic | Request for Extension to Submit the Phase 2 Investigation Work Plan for Lower Sandia Canyon | 3/26/2014 | 6/30/2014 | 4 months 2nd extension original due date | Investigation Work Plan | Investigation of shallow subsurface |
| 3/6/2014 | automatic | Request for Extension to Submit the Response to the NOD and Rev 1 for the Investigation Report for CdV Aggregate Area TA-14 | 3/31/2014 | 6/30/2014 | 3 months | Investigation Report | Investigation of shallow subsurface |
| 3/14/2014 | automatic | Request for Extension to Deploy Tracers at Consolidated Unit 16-021(c)-99 | 10/15/2012 | first ext to 1/27/2012 third ext to 12/31/14 | 2 years 2 months | Tracer Bench test and test | Regional and Intermediate Groundwater Monitoring |
| 3/14/2014 | automatic | Justification to Defer submission of the 2014 General Facility Information Report | 3/31/2014 | 3/31/2017 | 3/31/2017 | Reference document | Geomorphic, geologic and hydrogeologic |
| 4/4/2014 | automatic | Request for Extension to Submit the First Annual Sandia Canyon Wetland Performance Monitoring Report for 2013 | 4/30/2014 | 6/30/2014 | 2 months | Monitoring Report | Geomorphic, geologic and hydrogeologic |
| 4/4/2014 | automatic | Request for Extension to Submit the Results of 2013 Sediment Monitoring in the Water and Cañon de Valle Watershed | 4/30/2014 | 6/30/2014 | 2 months | Monitoring Report | Geomorphic, geologic and hydrogeologic |
| 4/4/2014 | automatic | Request for Extension to Submit the Phase 3 Investigation Report for the DP Site Aggregate Area | 4/20/2014 | 12/31/2014 | 8.25 months | Investigation Report | Investigation of shallow subsurface |
| 4/7/2014 | automatic | Request for Extension to Submit the Investigation Report for TA-57 Aggregate Area (Fenton Hill) | 4/30/2014 | 12/31/2014 | 8 months | Investigation Report | Investigation of shallow subsurface |
| 4/7/2014 | automatic | Request for Extension to Complete the Well Installation for CdV-9-1(i) | 4/30/2014 | 12/31/2014 | 8 months | well installation | intermediate groundwater investigation |
| 5/1/2014 | automatic | Request for Extension for the Letter Work Plan for DP West Buildings 21-005 and 21-150 Building Foot Print | 5/15/2014 | 12/31/2014 | 7 months | Investigation Work Plan | Investigation of shallow subsurface |
| 5/15/2014 | automatic | Request for Extension to Complete the Installation of Well R-26i | 5/31/2014 | 12/31/2014 | 7 months | well installation | intermediate groundwater investigation |
| 5/15/2014 | automatic | Request for Extension to Complete the Installation of Well R-63i | 5/31/2014 | 9/30/2014 | 4 months | well installation | intermediate groundwater investigation |

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| 5/15/2014 | automatic | Request for Extension to Submit the Summary Report for Direct Current Resistivity Profiling in Canon de Valle | 5/30/2014 | 7/31/2014 | 2 months | geophysics investigation | hydrogeologic investigation |
| 5/27/2014 | denied | Request for Extension to Submit the Drilling Work Plan for Well R-67 | 6/10/2014 | 12/31/2014 | 7 months | well installation | Regional groundwater chromium investigation |
| 5/27/2014 | denied | Request for Extension to Submit the Drilling Work Plan for Well R-68 | 6/10/2014 | 12/31/2014 | 7 months | well installation | Regional groundwater chromium investigation |
| 5/29/2014 | 6/13/2014 | Request for Extension to Submit the Work Plan for Well CdV-R-3-27 | 6/12/2014 | 7/31/2014 | 1.5 months | Well Rehab | Regional groundwater investigation |
| 6/5/2014 | denied | Request for Extension to Submit the Investigation Report for DP Site Aggregate at Technical Area 21 | 1/30/2014 | 12/31/2014 | 11 months Second extension request | Investigation Report | Investigation of shallow subsurface |
| 6/5/2014 | denied | Request for Extension to Submit the Phase II Investigation/Remediation Report for Material Disposal Area A | 12/31/2011 | 12/31/2014 | 1 year third extension request | Investigation/Remediation Report | Investigation and remediation of shallow subsurface |
| 6/5/2014 | denied | Request for Extension to Complete the Installation of Well R-10i | 12/31/2011 | 12/31/2014 | 1 year third extension | well installation | Regional groundwater chromium investigation |
| 6/9/2014 | denied | Request for Extension to Reconfigure Well R-22 | 9/30/2012 | 12/31/2014 | 6 months fourth extension request | well repair | Regional groundwater TA-54 investigation |
| 6/5/2014 | denied | Request for Extension to Complete the Installation of Well R-47 | 10/31/2013 | 12/31/2014 | 6 months second extension request | well installation | Regional groundwater TA-16 investigation |
| 6/5/2014 | denied | Request for Extension to Complete the Installation of Well R-58 | 10/31/2013 | 12/31/2014 | 6 months second extension request | well installation | Regional groundwater TA-16 investigation |
| 6/9/2014 | denied | Request for Extension to Submit the Phase 2 Investigation Report for Upper Los Alamos Canyon Aggregate Area | 8/30/2012 | 12/31/2014 | 11 months fourth extension request | Investigation/Remediation Report | Investigation of shallow subsurface |
| 6/9/2014 | denied | Request for Extension to Submit the Phase 2 Investigation Work Plan for Lower Sandia Canyon Aggregate Area | 3/26/2012 | 12/31/2014 | 6 months third extension request | Investigation Work Plan | Investigation of shallow subsurface |
| 6/9/2014 | denied | Request for Extension to Submit the Investigation Report for Cañon de Valle Aggregate Area | 7/31/2012 | 12/31/2014 | 6 months fifth extension request | Investigation Report | Investigation of shallow subsurface |
| 6/9/2014 | denied | Request for Extension to Submit the Investigation Report for Middle Los Alamos Canyon Aggregate Area | 11/30/2011 | 12/31/2014 | 6 months third extension request | Investigation Report | Investigation of shallow subsurface |
| 6/9/2014 | denied | Request for Extension to Submit the Investigation Work Plan for South Ancho Canyon Aggregate Area | 9/30/2012 | 12/31/2014 | 6 months third extension request | Investigation Work Plan | Investigation of shallow subsurface |
| 6/11/2014 | denied | Request for Extension to Submit the Investigation Work Plan for Additional Investigations in Potrillo and Fence Canyons | 2/15/2012 | 12/31/2014 | 6 months third extension request | Investigation Work Plan | Investigation of shallow subsurface |

LANL Consent Order Extensions

| Request (LANL) | Approval (NMED) | Document | Original Submittal Date | Extended Submittal Date | Time Length of Extension | Type | Project description relative to water quality monitoring |
|----------------|-----------------|--|-------------------------|-------------------------|-----------------------------------|--------------------------|--|
| 6/11/2014 | denied | Request for Extension to Submit the Investigation Work Plan for Potrillo and Fence Canyons Aggregate Area | 6/14/2012 | 12/31/2014 | 6 months third extension request | Investigation Work Plan | Investigation of shallow subsurface |
| 6/13/2014 | denied | Request for Extension to Submit the Supplemental Information for the Bandelier Tuff Unit 4 Background Study Report | 1/30/2014 | 12/31/2014 | 6 months second extension request | background study | soil background study |
| 6/13/2014 | denied | Request for Extension for the Application of Water to the Bermed Area at Technical Area 21 Vadose Zone Monitoring | 12/1/2011 | 12/31/2014 | 6 months third extension request | vadose zone monitoring | vadose zone investigation |
| 6/13/2014 | denied | Request for Extension to Submit the Work Plan for Replacement of R-55i | 7/31/2013 | 12/31/2014 | 6 months third extension request | work plan | intermediate groundwater investigation |
| 6/13/2014 | denied | Extension Request for Propose the Location fo Regional Well R-59 | 12/1/2010 | 12/31/2014 | 6 months sixth extension request | Map with marked location | regional groundwater investigation |
| 6/11/2014 | denied | Request fo Extension to Complete the Installation of the Well R-65 | 12/31/2011 | 12/31/2014 | 6 months third extension request | well installation | regional groundwater investigation |
| 6/11/2014 | denied | Request fo Extension to Submit the Work Plan for Replacement of R-54 Screen 1 | 7/31/2013 | 12/31/2014 | 6 months third extension request | well installation | regional groundwater investigation |
| 6/11/2014 | denied | Request fo Extension to Complete the Installation of Sampling Systems in Wells R-5, R-7, R-8 and R-9 | 11/1/2012 | 12/31/2014 | 6 months third extension request | Well Sampling Systems | regional groundwater investigation |
| 6/11/2014 | denied | Request for Extension to to Plug and Abandon Well R-25 | 6/30/2014 | 12/31/2014 | 6 months | well abandon-ment | plugging of an inadequate well |
| 7/2/2014 | denied | Request fo Extension to Submit the Investigation Report for Canon de Valle Aggregate Area, Technical Area 15 | 7/2/2015 | 12/31/2014 | 6 months third extension request | Investigaiton report | Investigation of shallow subsurface |
| 7/11/2014 | denied | Request fo Extension to Submit the Investigation Report for Lower Pajarito Canyon Aggregate Area | 7/31/2014 | 12/31/2014 | 5 months | Investigaiton report | Investigation of shallow subsurface |
| 7/11/2014 | denied | Request for Extension to Submit the Remedy Completion Report for Chaquehui Canyon Aggregate Area | 8/31/2014 | 12/31/2014 | 4 months | Remedy Completion Report | Remediation of the Shallow Subsurface |

LANL Consent Order Extensions

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|----------------|-----------------|---|-------------------------|-------------------------|------------------------------------|--|--|
| 7/11/2014 | denied | 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 and the Investigation Report, Revision 2 | 8/6/2014 | 12/31/2014 | 4 months | Investigaiton report | Investigation of shallow subsurface |
| 7/11/2014 | denied | Request for Extension to Submit the Investigation Report for TwoMile Canyon Aggregate Area | 8/30/2014 | 12/31/2014 | 4 months | Investigaiton report | Investigation of shallow subsurface |
| 7/11/2014 | denied | Request fo Extension to Complete the Installation of Well R-59 | 7/31/2014 | 12/31/2014 | 5 months | well installation | regional groundwater investigation |
| 7/15/2014 | denied | Request for Extension to Submit the Interim Measures Report for Source Removal Testing at Well CdV-16-4ip | 7/31/2014 | 9/30/2014 | 2 months | Groundwater contaminant source removal | intermediate groundwater remediation |
| 8/29/2014 | 9/5/2014 | Request for Extension to Complete well R-63i | 8/29/2014 | 10/31/2014 | 1 month fourth extension request | Groundwater contaminant source investigation | intermediate groundwater investigation |
| 8/29/2014 | denied | Request for Postponement [extension] to Submit the Response to the Notice of Disapproval to the Phase II Work Plan for S-Site and Revision 1 to the Plan | 8/29/2014 | 4/30/2015 | 8 mopths third extension request | Investigation Work Plan | Investigation of shallow subsurface |
| 9/15/2014 | denied | Request for Postponement [extension] to Submit the Phase 2 Investigation Report for North Ancho Aggregate Area | 9/30/2014 | 4/20/2016 | 19 months second extention request | Investigation Report | Investigation of shallow subsurface |
| 9/15/2014 | denied | Request for Extension to Submit the Work Plan for Lower Water/Indio Canyon Aggregate Area | 9/30/2014 | 3/29/2016 | 18 months second extension request | Investigation Work Plan | Investigation of shallow subsurface |
| 9/15/2014 | denied | Request for Extension for the Phase 2 Investigation Report for Sites at Technical Area 49 Inside the Nuclear Envrionmental Site Boundary | 9/30/2014 | 12/24/2015 | 15 months second extention request | Investigation Report | Investigation of shallow subsurface |
| 9/15/2014 | denied | Request for Extension for the Phase 2 Investigation Report for Sites at Technical Area 49 Outside he Nuclear Envrionmental Site Boundary | 9/30/2014 | 12/24/2015 | 15 months second extention request | Investigation Report | Investigation of shallow subsurface |
| 9/15/2014 | denied | Request for Extension for Field Summary Report for Plugging and Abandonment of Well R-25 | 9/26/2014 | | 7/8/2015 | summary report | Intermediate and Regional Groundwater Monitoring |
| 9/30/2014 | denied | Request for Extension to Submit the Work Plan for Installation of R-61 | 9/30/2014 | 9/30/2015 | 1 year second extension request | work plan | Regional groundwater investigation |
| 10/21/2014 | 111/4/14 | Request for Extension to Submit the Investigation Report for Technical Area 57 Aggregate Area (Fenton Hill) | 12/31/2014 | 3/20/2015 | 3 months third extension | Investigation Report | Investigation of shallow subsurface |

LANL Consent Order Extensions

| Request (LANL) | Approval (NMED) | Document | Original Submittal Date | Extended Submittal Date | Time Length of Extension | Type | Project description relative to water quality monitoring |
|----------------|--|--|-------------------------|---|--|--------------------------------|--|
| 10/24/2014 | 11/7/2014 | Request for Extension to Complete Well R-63i | 10/31/2014 | 11/26/2014 | 1 month extension | well installation | intermediate groundwater investigation |
| 11/26/2014* | denied | Request for Extension to Submit the Report for Vadose Zone Moisture Monitoring at MDA T and for the Installation and Instrumentation of Six Boreholes at MDA T at TA-21 | 11/30/2014 | 11/30/2016 | 2 years | Investigation Report | Investigation of shallow subsurface |
| *11/26/2014 | 12-9-14 report due date moved to 4/20/15 | Request for Extension for the Installation and Instrumentation of Six Boreholes at MDA T ----- -EXTENSION COMBINED WITH THE REPORT SUBMITTAL EXTENSION REQUEST also should include water application (extension to apply water due on June 30, 2014 ext was denied June 26, 2014) | 12/31/2014 | 7/31/2016 | 19 months (third extension) first extension was for 26 months, second extension was for 5 months | monitoring system installation | Investigation of shallow subsurface |
| 12/11/2014 | 12/19/14 due date changed to 6/30/15 | Request for Extension to Submit the CME Report for MDA T | 12/11/2014 | 5/12/2018 proposed 6/30/15 granted | 3 years 6 months second extension | remedy selection | all depths |
| 12/11/2014 | denied | Request for Extension to Submit the Investigation Report for Cañon de Valle Aggregate Area, Technical Area 16 | 12/15/2014 | 10/31/2018 | 3 years 10.5 months second extension | Investigation Report | Investigation of shallow subsurface |
| 12/19/2014 | denied | Request for Extensions to Submit the DP West Building 21-002 [21-005] and 21-150 Building Footprint Letter Work Plan | 12/31/2014 | 3/3/2017 | 3 years 2 months second extension | Investigation Work Plan | Investigation of shallow subsurface |
| 12/19/2014 | denied | Request for Extension to Complete the Installation of Well R-26i | 12/31/2014 | 4/28/2017 | 3 years 4 months second extension | Intermediate Well Installation | Investigation of perched intermediate groundwater |
| 12/19/2014 | 1/2/2015 | Request for Extension to Deploy Tracers at Consolidated Unit 16-021(c)-99 | 12/31/2014 | 12/31/2015 third extension granted for 9/30/15 | 1 year third extension | Tracer Bench test and test | Regional and Intermediate Groundwater Monitoring |
| 12/19/2014 | 1/2/2015 | Request for Extension to Complete the Installation of Well CdV-9-1(i) and Recommendation Regarding the Need to Install a Deep-Perched Monitoring Well in the Vicinity of CdV-9-1(i) | 12/31/2014 | 1/30/2014 | 1 month third extension | Intermediate Well Installation | Investigation of perched intermediate groundwater |
| 12/19/2014 | denied | Request to Defer Submittal of the Phase II Investigation Report for Upper Cañada del Buey Aggregate Area | 12/28/2014 | 8/31/15 to replace with a supplemental Investigation Report | 8 months for an alternate report | Investigation Report | Investigation of shallow subsurface |
| 12/19/2014 | denied | Request for Extension to Submit the Investigation Report for Starmer/Upper Pajarito Canyon Aggregate Area | 12/31/2014 | 1/31/2018 | 3 years 1 month second extension | Investigation Report | Investigation of shallow subsurface |
| 12/19/2014 | denied | Request for Extension to Submit the Investigation Report for Upper Water Canyon Aggregate Area | 12/31/2014 | 8/6/2019 | 4 years 8 months second extension | Investigation Report | Investigation of shallow subsurface |

LANL Consent Order Extensions

| Request (LANL) | Approval (NMED) | Document | Original Submittal Date | Extended Submittal Date | Time Length of Extension | Type | Project description relative to water quality monitoring |
|----------------|-----------------|--|-------------------------|--------------------------------|--|--------------------------|--|
| 1/28/2015 | denied | Request for Extension to Submit the Response to the Notice of Disapproval and Revision 1 of the Investigation Report for Water Canyon/Cañon de Valle (South Canyons) | 3/15/2012 | 1/31/2016 | 3 years 10.5 months | Investigation Report | Investigation of shallow subsurface |
| 1/28/2015 | denied | Request of Defer Submittal of the Remedy Completion Report for Material Disposal Area AB at Technical Area 49 | 1/31/2015 | not proposed | n/a | Remedy Completion Report | completion of remedy in shallow subsurface |
| 1/29/2015 | denied | Request to Defer Submittal of the Phase II Investigation Report for Upper Mortandad Canyon Aggregate Area | 1/31/2015 | 4/30/15 for alternate document | n/a | Investigation Report | Investigation of shallow subsurface |
| 2/23/2015 | denied | Request for Extension to Submit the Investigation Report for Chaquehui Canyon Aggregate Area | 3/31/2015 | 3/7/2017 | 4 years 9 months second extension | Investigation Report | Investigation of shallow subsurface |
| 2/23/2015 | 3/315 | Request for Extension to Submit the Well Completion Report for Coreholes CrCH-1 through CrCH-5 and Approval to Report Information from CrCH-6 in the R-67 Well Completion Report | 4/3/2015 | 5/29/2015 | 7 weeks | well completion report | Regional groundwater investigation |
| 3/27/2015 | 4/7/2015 | Request for Extension to Submit Well Completion Report for R-63i | 4/31/15 | 9/30/2015 | 2 years 7 months sixth extension | well completion report | Intermediate groundwater investigation |
| 4/29/2015 | 5/8/2015 | Request of Defer Submittal of the Phase II Investigation Report for Upper Sandia Canyon Aggregate Area | 4/30/2015 | not specified | 4 years 8 months second extension plus unspecified extension | Investigation Report | Investigation of shallow subsurface |
| 6/17/2015 | 6/23/2015 | Request for Extension to Install the Angled Broing for Sandia Wetland Borehole 1 | 10/31/2014 | 10/31/2016 | 2 years | Investigation boring | Investigation of shallow/ and intermediate subsurface |
| 8/13/2015 | 8/20/2015 | Request to Defer Submittal of the Remedy Completion Report for Water Canyon/Cañon de Valle Aggregate Areas | 8/31/2015 | not specified | not specified | Remedy Completion Report | Investigation of shallow subsurface |
| 8/13/2015 | 8/20/2015 | Request to Defer Sumittal of the Threemile Canyon Aggregate Area Phase 2 Investigation Report | 8/31/2013 | not specified | 2 years + not established | Investigation Report | Investigation of shallow subsurface |
| 9/18/2015 | 10/2/2015 | Request for Extension to Deply Tracers at Consolidated Unit 16-021(c)-99 | 8/31/2012 | 12/18/2015 | 2 years 3 months | Pilot Test | Intermediate and regional groundwater investigation |
| 12/18/2015 | 12/30/2015 | Request to Derfer Submittal of the Revised DP Site Aggregate Area Building 21-257 Footprint Letter Work Plan | 12/30/2015 | 2/28/2018 | 2 years 2 months third extension | Investigation Work Plan | Investigation of shallow subsurface |