



New Mexico Environment Department

Public Meeting on the Annual Plan for the Cleanup of Legacy Waste at Los Alamos National Laboratory

November 29, 2018
5:00 p.m. to 7:00 p.m.
Los Alamos County Council Chambers
1000 Central Avenue
Los Alamos, New Mexico 87544

AGENDA

<u>Time</u>	<u>Agenda Topic</u>	<u>Presenter</u>
5:00 p.m.	Consent Order & Meeting Overview.....	John Kieling, New Mexico Environment Department
5:10 p.m.	Consent Order Fiscal Year 2019 Appendix B Milestones and Targets.....	Dane Andersen, New Mexico Environment Department
5:30 p.m.	Consent Order Update.....	Doug Hintze, DOE Environmental Management Los Alamos Field Office
5:50 p.m.	Consent Order Appendix B Milestones Arturo Duran, DOE Environmental Management Los Alamos Field Office	
6:15 p.m.	Public Comment Period.....	
7:00 p.m.	Adjourn.....	John Kieling, New Mexico Environment Department

Note: To ensure all members of the general public have an opportunity to speak, please limit public comments to three minutes.

NMED

New
Mexico
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Department



PUBLIC INFORMATION MEETING FISCAL YEAR 2019 APPENDIX B MILESTONES & TARGETS

November 29, 2018

Dane Andersen

Environmental Scientist

New Mexico Environment Department – Hazardous Waste Bureau

FY2019 Appendix B Public Meeting Agenda

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- ❑ NMED:
 - ❑ Consent Order, Campaign Approach, Milestones & Targets
 - ❑ Annual Planning Process
 - ❑ Fiscal Year (FY) 2019 Milestones
 - ❑ Milestones Achieved in FY2018
- ❑ DOE:
 - ❑ Consent Order Update
 - ❑ Consent Order Appendix B Milestones
- ❑ Public Comment Period

Fiscal Year spans October 1 - September 30



Consent Order, Campaigns, Milestones and Targets

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- ❑ **Consent Order** – overarching, enforceable document that guides corrective actions (i.e. remediation of legacy sites) at LANL
- ❑ **Campaigns** – corrective action activities are organized into campaigns based on risk and priority
- ❑ **Milestones and targets** – specific remediation goals or projects performed as part of a campaign
 - ❑ **Milestones** set for upcoming FY and subject to stipulated penalties
 - ❑ **Targets** set for subsequent 2 FYs, not subject to stipulated penalties



Appendix B – Milestones & Targets

- Milestones and targets listed in Appendix B of the Consent Order

		Appendix B MILESTONES AND TARGETS								
		FY 2019 MILESTONES			FY 2020 TARGETS			FY 2021 TARGETS		
Campaign	Milestone # FY2019	Milestone	Milestone Description	Milestone Date	Target	Target Description	Target Date	Target	Target Description	Target Date
Chromium IM & Characterization RDX Characterization MDAs-A & -T Remedy MDA-C Remedy MDA-H Remedy MDAs-G & -L Remedies	12	Annual Update to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) for MY2020 (October 2019-September 2020)	Annual update to the groundwater monitoring program baseline document with adjustments to sampling, monitoring groups, analytes, and frequencies based on previous results.	6/30/2019	Annual Update to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) for MY2021 (October 2020-September 2021)	Annual update to the groundwater monitoring program baseline document with adjustments to sampling, monitoring groups, analytes, and frequencies based on previous results.	6/30/2020	Annual Update to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) for MY2022 (October 2021-September 2022)	Annual update to the groundwater monitoring program baseline document with adjustments to sampling, monitoring groups, analytes, and frequencies based on previous results.	6/30/2021

- Upcoming milestones are tentatively based on targets



Annual Planning Process for Milestones and Targets

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- Each year NMED and DOE identify 10-20 milestones for the upcoming FY and 10-20 targets for the 2 subsequent FYs
- Revisions to milestones and targets are based on actual work progress, changed conditions, risk, and funding
- NMED and DOE met on June 19, July 17, and October 23 to discuss FY2019 milestones, FY2020 & FY2021 targets



FY2019 Milestones Overview

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- ❑ 20 milestones included in FY2019 Appendix B
 - ❑ 9 milestones based directly on FY2019 targets
 - ❑ 4 milestones created from 2 FY2019 targets
 - ❑ 2 FY2018 milestone extensions
 - ❑ 5 new milestones
- ❑ Comparison table included in handout describes milestone revisions
- ❑ FY2019 Appendix B is available on the NMED website:

<https://www.env.nm.gov/hazardous-waste/lanl>



FY2019 Milestones

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- ❑ 9 milestones based directly on FY2019 targets:
 - ❑ Minor changes and revisions
- ❑ 4 milestones based on 2 FY2019 targets:
 - ❑ Milestones 2 & 16: Semiannual Performance Monitoring Progress Reports of the Chromium Plume Control Interim Measure
 - ❑ Previously 1 annual Report (1 target), now split into 2 semi-annual Reports (2 milestones)
 - ❑ Milestones 3 & 4: Annual Monitoring Report and Plan for Los Alamos/Pueblo Watershed Sediment Transport Mitigation Project
 - ❑ Report and Plan were previously combined as 1 submittal (1 target), now split into 2 separate submittals (2 milestones)
- ❑ 2 milestone extensions:
 - ❑ Milestone 1: Well R-69 Field Completion
 - ❑ Well completion delayed by drilling issues
 - ❑ Milestone 10: Phase 2 Pilot Amendment Testing Work Plan
 - ❑ Phase 1 testing still underway



FY2019 Milestones

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- 5 new milestones:
 - Milestone 9: Completion Report for Conversion of CrIN-6 to CrEX-5
 - Conversion of former injection well CrIN-6 into extraction well CrEX-5
 - Milestone 8: Letter Report Documenting Completion of R-70
 - New well installed as part of Chromium Campaign
 - Milestone 6: Addendum to Middle Los Alamos Canyon Aggregate Area Phase 2 Investigation Report for SWMU 02-104
 - Description of investigation activities at newly identified SWMU 02-014
 - Milestone 7: Supplemental Investigation Report for S-Site Canyon Aggregate Area, Revision 1
 - Milestone 13: Supplemental Investigation Report for Potrillo/Fence Canyons Aggregate Area, Revision 1
 - Both Supplemental Investigation Reports submitted in 2015, needed revisions



FY2018 Milestones Met

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- ❑ FY2018 Appendix B listed 15 milestones
- ❑ 13 milestones met
- ❑ 2 milestone extensions granted by NMED
 - ❑ Milestone 1: Well R-69 Field Completion
 - ❑ Well completion delayed by drilling issues
 - ❑ Milestone 10: Phase 2 Pilot Amendment Testing Work Plan
 - ❑ Phase 1 testing still underway
- ❑ 53 additional deliverables submitted to NMED

