

Comparison of FY 2020 MILESTONES to FY 2019 TARGETS									
			FY 2020 MILESTONES			FY 2020 TARGETS From FY 2019 Appendix B			COMMENTS on CHANGES to FY 2019 Appendix B
Campaign	Milestone # FY 2019	Milestone	Milestone Description	Milestone Date	Target	Target Description	Target Date		
Southern External Boundary	Southern External Boundary - Chaquehui Canyon Aggregate Area	15	Chaquehui Canyon Aggregate Area Investigation Report	Investigation report for this aggregate area and the requisite risk assessment of the field work completed for this aggregate area. Field work is planned to be completed by May 2020. Completion assumes 1,148 samples have been collected and up to 1,260 cubic yards of soil and debris excavated.	9/30/2020	Chaquehui Canyon Aggregate Area Investigation Report	Investigation report for this aggregate area and the requisite risk assessment. This would include cleanups for media above SSLs.	6/30/2020	Revised date by three months to reflect actual durations required to obtain site access and site survey approvals. Description modified.
	Southern External Boundary - South Ancho Canyon Aggregate Area	16	South Ancho Canyon Aggregate Area Progress Report	Progress report summarizing the fieldwork implementation and status of site investigations in South Ancho Canyon Aggregate Area. Field mobilization was started in September 2019. Field work is planned to be completed by September 2020. Completion assumes 618 samples will be collected and up to 75 cubic yards of soil and debris excavated.	9/30/2020	Investigation Report for South Ancho Canyon Aggregate Area	Investigation Report for this aggregate area and the requisite risk assessment. This would include cleanups for media above SSLs.	9/30/2020	Added progress report milestone for FY 2020. Moved out investigation report date by 6 months (3/31/2021) and included as a target in FY 2021 to reflect actual durations to obtain site access and site surveys, and to implement new excavation permit approval process. Modified description.
	Southern External Boundary - Lower Water/Indio Canyons Aggregate Area	17	Lower Water/Indio Canyon Aggregate Area Progress Report	Progress report summarizing the fieldwork implementation and status of site investigations in Lower Water/Indio Canyon Aggregate Area. Field mobilization is planned to start by February 2020. Field work is planned to be completed by September 2020. Completion assumes 211 samples will be collected and up to 38 cubic yards of soil and debris excavated.	9/30/2020	Investigation Report for Lower Water/Indio Canyon Aggregate Area	Investigation Report for this aggregate area and the requisite risk assessment. This would include cleanups for media above SSLs.	9/30/2020	Added progress report milestone for FY 2020. Moved out investigation report date by 7 months (4/30/2021) and included as a target in FY 2021 to reflect actual durations to obtain site access and site surveys, to implement new excavation permit approval process, and to stagger investigation report submittal from South Ancho investigation report submittal by one month. Modified description.
Pajarito Watershed	Pajarito Watershed - Twomile Canyon Aggregate Area					Twomile Canyon Aggregate Area Letter Report	Letter report summarizing the fieldwork implementation and status of site investigations in Twomile Canyon Aggregate Area.	9/30/2020	Removed Letter Report as FY 2020 milestone and added target date of 9/30/2021.
MDAs-G & -L Remedies	MDAs-G & -L Remedies	8	Material Disposal Area L Vapor Monitoring Report	The report will provide a summary of vapor-phase VOC sampling data from the previous year's semiannual sampling being conducted at MDA L. The report will also include information on any observed changes in the vapor-phase VOC plume and provide recommendations, as applicable, for changes in the location and frequency of vapor monitoring wells to be sampled. The report will also include recommendations for additional vapor extraction, if necessary.	5/29/2020				New FY 2020 milestone added to Appendix B.

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RDX Characterization						Annual Long-Term Monitoring Report of Results following Surface RDX Corrective Measures Implementation Completion	Executes the reporting required for long-term monitoring and inspection for the Remedy Completion Report.	9/30/2020	Removed as FY 2020 milestone. Report will still be submitted by 9/30/2020 but will not be included as a FY 2020 milestone.
Supplemental Investigation Reports	SIR - Upper Mortandad Canyon Aggregate Area	11	Supplemental Investigation Report (SIR) for Upper Mortandad Canyon Aggregate Area, Revision 1	Resolve comments, incorporate changes, and submit Revision 1 to the SIR.	6/30/2020	Supplemental Investigation Report (SIR) for Upper Mortandad Canyon Aggregate Area, Revision 1	Resolve comments, incorporate changes, and submit Revision 1 to the SIR.	3/31/2020	Revised date by three months to allow additional time for comment submittal and response.
	SIR - Upper Cañada del Buey Aggregate Area	13	Supplemental Investigation Report (SIR) for Upper Cañada del Buey Canyon Aggregate Area, Revision 1	Resolve comments, incorporate changes, and submit Revision 1 to the SIR.	9/30/2020	Supplemental Investigation Report (SIR) for Upper Cañada del Buey Canyon Aggregate Area, Revision 1	Resolve comments, incorporate changes, and submit Revision 1 to the SIR.	6/30/2020	Revised date by three months to allow additional time for comment submittal and response.
TA-21 D&D and Cleanup	TA-21 D&D and Cleanup - DP Site Aggregate Area	14	Delta Prime Site Aggregate Area Progress Report for Fiscal Year 2020	This progress report will summarize the initiation of Delta Prime Site Aggregate Area fieldwork activities. Fieldwork includes investigations of remaining sites associated with Building 21-257, former Building 21-35, DP West industrial waste lines, and DP East sites. Characterization sampling activities are planned to start by February 2020.	9/30/2020	Letter report that summarizes the initial investigations of SWMUs/AOCs associated with Building 21-257.	Following demolition of TA-21 Building 21-257 (not under Consent Order), initiate the Building 21-257 investigation.	9/30/2020	Revised to include status of all sites in Delta Prime Site Aggregate Area investigated in FY 2020. Modified description.
	TA-21 D&D and Cleanup - DP Site Aggregate Area					Letter report documenting field work completion and sampling conducted at sites at DP West and DP East	Letter report that summarizes the completion of sampling activities associated with sites at DP West and DP East.	9/30/2020	Removed and combined with above milestone as a single status report.
Known Cleanup Sites (Above SSLs)	Known Cleanup Sites (Above SSLs)					Campaign Completion Report for Known Cleanup Sites	Report will summarize the cleanup activities for SWMUs 03-049(a), 50-006(d), 39-002(a), 46-004(q), 15-008(b), and 15-007(c).	6/29/2020	Removed campaign completion reports as FY 2020 milestones. Each SWMU within the Known Cleanup Site Campaign will be addressed within its applicable Aggregate Area investigation report.
MDAs-A & -T Remedy	MDAs-A & -T Remedy					MDA T Moisture Monitoring Instrumentation Installation Completion and Field Summary Report	Summary report describing the installation and instrumentation of the vadose moisture monitoring system at MDA T.	9/30/2020	Moved out one year and included as target for FY 2021. Will allow time to conduct a pilot study in FY 2020. The pilot study will help address some key aspects of instrument deployment for the moisture monitoring network inside the Nuclear Environmental Site at MDA T.

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Chromium IM & Characterization	Chromium IM & Characterization	1	Assessment Work Plan for the Evaluation of Conditions in the Regional Aquifer Around Well R-70	The assessment work plan will include specific activities to be conducted to further evaluate the conditions of the regional aquifer around well R-70, a drilling work plan for regional well R-35(c), a proposed evaluation for consideration of drilling an additional regional well (R-73), and an implementation schedule.	12/17/2019				New FY 2020 milestone added to Appendix B.
	Chromium IM & Characterization	4	Drilling Work Plan for Regional Well R-72	Drilling work plan for Regional Well R-72.	3/31/2020				New FY 2020 milestone added to Appendix B.
	Chromium IM & Characterization	5	Drilling Work Plan for Regional Well R-71	Drilling work plan for Regional Well R-71.	3/31/2020				New FY 2020 milestone added to Appendix B.
	Chromium IM & Characterization	9	Pilot-Scale Amendments Testing Report	Report will present an evaluation of the pilot-scale amendments tests conducted at wells R-42 and R-28. The schedule for this report is based on an assumption that breakthrough of chromium will have begun at each of the two wells.	6/25/2020	Report (Completion or Progress) of the Phase 2 Pilot Amendment Test Results	Report will include status or final results of the Phase 2 study depending on progress of the study.	9/30/2020	Revised FY 2020 milestone to evaluate the pilot-scale amendments tests conducted at wells R-42 and R-28. This change was due to NMED's June 26, 2019, approval of an extension request for FY 2019 Milestone 10. As required by the approval, a supplemental Phase I work plan was submitted to NMED on September 24, 2019, to facilitate completion of the Phase 1 tests.
Historical Properties Completion	Historical Properties - Completion					Campaign Completion Report for Historical Properties Completion Campaign	Summary report that documents the status, recommendations, and approvals of all sites in the Historical Properties Completion Campaign.	3/30/2020	NMED and EM-LA agreed to remove all campaign completion reports as milestones and targets.
RDX Characterization	RDX Characterization	7	Fate and Transport Modeling and Risk Assessment Report for RDX Contamination in Deep Groundwater	This report will present a fate and transport evaluation and risk assessment for RDX in deep (perched-intermediate and regional) groundwater. The report will incorporate a model analysis as part of the approach of the risk assessment.	5/29/2020				New FY 2020 milestone added to Appendix B.
	RDX Characterization	6	Westbay Well Plugging and Abandonment Completion Report for R-25	This report will include a summary of field activities and plugging and abandoning information associated with R-25 which requires removal of the Westbay system.	3/31/2020				New FY 2020 milestone added to Appendix B. This activity was previously part of a FY 2019 milestone; however well-related issues prevented completion in FY 2019. NMED agreed the FY 2019 milestone could be bifurcated; moving plug and abandonment completion of R-25 into FY 2020 as a milestone.
	RDX Characterization					Corrective Measures Evaluation (CME) for the RDX Contaminant Plume in the Deep Groundwater	This CME will address RDX contamination in deep groundwater if the risk assessment in the Deep Groundwater Investigation Report indicates a driver for remediation to protect the regional aquifer.	8/30/2020	CME moved out one year and included as target for FY 2021. CME will be submitted after new FY 2020 Milestone #7, Fate and Transport Modeling and Risk Assessment Report for RDX Contamination in Deep Groundwater, is submitted and approved.

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	Chromium IM & Characterization RDX Characterization MDAs-A & -T Remedy MDA-C Remedy MDA-H Remedy MDAs-G & -L Remedies	10	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 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	Removed "Annual Update to the" from the milestone title to reflect actual document title.	
		2	Westbay Well Reconfiguration Completion Report for R-31	This report will include a summary of field activities and as-built information associated with reconfiguration of R-31. The work will be conducted pursuant to NMED-approved completion design.	2/17/2020				New FY 2020 milestone added to Appendix B. This activity was previously part of a FY 2019 milestone; however well-related issues prevented completion in FY 2019. NMED agreed the FY 2019 milestone could be bifurcated; moving completion of R-31 into FY 2020 as a milestone.	
	Historical Properties TA-21 D&D and Cleanup						Annual Monitoring Report for the Los Alamos/Pueblo Watershed Sediment Transport Mitigation Project.	Annual report of last year's results that addresses the performance of stormwater controls installed in the LA/Pueblo watershed.	4/30/2020	Removed as FY 2020 milestone. Report will still be submitted by 4/30/2020 but will not be included as a FY 2020 milestone.
	Historical Properties TA-21 D&D and Cleanup						Annual Monitoring Plan for the Los Alamos/Pueblo Watershed Sediment Transport Mitigation Project	Annual plan for the upcoming year that addresses the performance of stormwater controls installed in the LA/Pueblo watershed.	4/30/2020	Removed as FY 2020 milestone. Plan will still be submitted by 4/30/2020 but will not be included as a FY 2020 milestone.
Chromium IM & Characterization	Chromium IM & Characterization					Sandia Canyon Wetland Performance Report for Period January 2019 - December 2019	Report on results of monitoring necessary to document efficacy of wetland stabilization efforts.	4/30/2020	Removed as FY 2020 milestone. Report will still be submitted by 4/30/2020 but will not be included as a FY 2020 milestone.	
	Chromium IM & Characterization	3	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (July 2019 to December 2019)	This progress report will include summaries of the data collected from performance monitoring wells, operational activities, and analysis of performance of the IM with respect to the plume control objective. Modeling may be included as necessary to support the analysis. The report may also include recommendations for the subsequent operating year.	3/31/2020	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (July 2019 to December 2019)	This progress report will include summaries of the data collected from performance monitoring wells, operational activities, and analysis of performance of the IM with respect to the plume control objective. Modeling may be included as necessary to support the analysis. The report may also include recommendations for the subsequent operating year.	3/31/2020	No change.	
	Chromium IM & Characterization	12	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (January 2020 to June 2020)	This progress report will include summaries of the data collected from performance monitoring wells, operational activities, and analysis of performance of the IM with respect to the plume control objective. Modeling may be included as necessary to support the analysis. The report may also include recommendations for the subsequent operating year.	9/30/2020	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (January 2020 to June 2020)	This progress report will include summaries of the data collected from performance monitoring wells, operational activities, and analysis of performance of the IM with respect to the objective of the plume control objective. Modeling may be included as necessary to support the analysis. The report may also include recommendations for the subsequent operating year.	9/30/2020	No change.	