

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
	RDX Characterization MDAs-A & -T Remedy	14	Westbay Wells Reconfiguration Completion Report for R-5, R-7, R-8, R-9i, R-19, R-25, and R-31	This report will include a summary of field activities and as-built information associated with reconfiguration of R-5, R-7, R-8, R-9i, R-19, and R-31, and plugging and abandonment of R-25 which requires removal of the Westbay system. The work will be conducted pursuant to NMED-approved work plans.	8/30/2019						
	Historical Properties TA-21 D&D and Cleanup	3	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.	4/30/2019	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	Summary Report on Monitoring for Los Alamos/Pueblo Watershed Sediment Mitigation Project.	Report on results of optimized monitoring necessary to document efficacy of sediment transport mitigation efforts.	4/30/2021
	Historical Properties TA-21 D&D and Cleanup	4	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.	4/30/2019	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			
Chromium IM & Characterization	Chromium IM & Characterization	5	Sandia Canyon Wetland Performance Report for Period January 2018 - December 2018	Report on results of monitoring necessary to document efficacy of wetland stabilization efforts.	4/30/2019	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	Summary Report on Monitoring for Sandia Wetland	Report on results of monitoring necessary to document efficacy of wetland stabilization efforts.	4/30/2021
	Chromium IM & Characterization	2	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (July 2018 to December 2018)	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.	3/29/2019	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 2020 to December 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. The 2021 report is dependent on progress and performance of the IM.	3/31/2021
	Chromium IM & Characterization	16	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (January 2019 to June 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 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.	9/30/2019	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	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (January 2021 to June 2021)	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. The 2021 report is dependent on progress and performance of the IM.	9/30/2021

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Chromium IM & Characterization	Chromium IM & Characterization	9	Completion Report for Conversion of CrIN-6 to CrEX-5 and Integration into Chromium IM System	This report will include information associated with conversion of CrIN-6 to an extraction well (CrEX-5) in accordance with an NMED-approved work plan. The report will also include as-built information for CrEX-5.	6/28/2019						
	Chromium IM & Characterization	8	Letter Report Documenting Completion of R-70 and Collection of First Samples	R-70 is a Chromium Interim Measure performance monitoring well that will be located down gradient of CrIN-6 and will monitor performance of Interim Measure activities, specifically associated with the northeastern portion of the plume. The well will be drilled in accordance with an NMED-approved work plan. Deliverable is a letter to NMED documenting completion of the well and collection of first samples.	5/31/2019						
	Chromium IM & Characterization	10	Phase 2 Pilot Amendment Testing Work Plan	The work plan will provide the description of the test design and data collection needs to meet the work plan objectives.	6/28/2019	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	Chromium Corrective Measures Evaluation (CME) Report	The CME will be the culmination of the chromium investigation and will include an evaluation of remedial alternatives and a preferred remedy.	9/30/2021
Chromium Final Remedy											
Historical Properties Completion	Historical Properties - Middle Los Alamos Canyon Aggregate Area	6	Addendum to the Middle Los Alamos Canyon Aggregate Area Phase II Investigation Report for SWMU 02-014	Addendum to the Phase II Investigation Report that documents investigation activities at SWMU 02-014.	4/30/2019						
	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			

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RDX Characterization	RDX Characterization	1	R-69 Field Completion	Letter report documenting field completion of the well and first samples completed. This is a campaign level milestone because data from R-69 is necessary to address important conceptual model questions for the Investigation Report for Deep Groundwater.	12/14/2018						
	RDX Characterization	15	Investigation Report for Deep Groundwater	Investigation Report that culminates results of investigation activities associated with deep groundwater and includes a groundwater risk assessment. Follows completion and multiple rounds of data collection at R-69.	8/30/2019	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			
	RDX Characterization	17	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	9/30/2019	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	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	9/30/2021
RDX Remedy	RDX Remedy								RDX Remediation Corrective Measures Implementation (CMI) Plan for Deep Groundwater	CMI Plan for deep groundwater. Date and content TBD based on NMED review of the CME Report	9/30/2021
Supplemental Investigation Reports	SIR - S-Site Canyon Aggregate Area	7	Supplemental Investigation Report (SIR) for S-Site Canyon Aggregate Area Revision 1	Resolve comments, incorporate changes, and submit Revision 1 to the SIR	4/30/2019						
	SIR - Potrillo/Fence Canyons Aggregate Area	13	Supplemental Investigation Report (SIR) for Potrillo/Fence Canyons Aggregate Area, Revision 1	Resolve comments, incorporate changes, and submit Revision 1 to the SIR	7/31/2019						
	SIR - Upper Mortandad Canyon Aggregate Area					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			
	SIR - Upper Cañada del Buey Aggregate Area					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			
	SIR - Completion								Campaign Completion Report for Supplemental Investigation Reports	Summary report that documents the status and recommendations for all SIRs in this campaign.	9/30/2021
TA-21 D&D and Cleanup	TA-21 D&D and Cleanup - Building 21-257					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			
	TA-21 D&D and Cleanup - DP Site Aggregate Area	18	TA-21 Delta Prime (DP) West Investigations Letter Report	Letter report summarizing the initiation of investigation activities associated with waste lines at DP West.	9/30/2019	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	TA-21 Delta Prime Site Aggregate Area Final Investigation Report	Report will include investigations of remaining sites in DP Site Aggregate Area	9/30/2021

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Known Cleanup Sites (Above SSLs)	Known Cleanup Sites (Above SSLs)	19	Field Completion Letter Report for Aggregate Area Known Cleanup Sites Campaign: SWMU 39-002(a), SWMU 46-004(q), SWMU 15-008(b), and SWMU 15-007(c)	Letter report documenting field completion of cleanups of remaining four sites currently known to exceed soil screening levels. Sites to be addressed are SWMU 39-002(a), SWMU 46-004(q), SWMU 15-008(b), and SWMU 15-007(c).	9/30/2019	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			
MDAs-A & -T Remedy	MDAs-A & -T Remedy	11	Submit Revised Work Plan for Vadose Zone Moisture Monitoring at MDA T within the Nuclear Environmental Site (NES)	The revised work plan will include proposed drilling, and characterization activities, and installation and instrumentation of a vadose zone moisture monitoring system at MDA T within the NES.	6/28/2019	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	MDA T Vadose Zone Moisture Monitoring Report	Submittal of the moisture monitoring report including results and recommendations	9/30/2021
Southern External Boundary	Southern External Boundary - Chaquehui Canyon Aggregate Area	20	Chaquehui Canyon Aggregate Area Letter Report	Letter report summarizing the fieldwork implementation and status of site investigations in Chaquehui Canyon Aggregate Area.	9/30/2019	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			
	Southern External Boundary - South Ancho Canyon Aggregate Area					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			
	Southern External Boundary - Lower Water/Indio Canyons Aggregate Area					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			
	Southern External Boundary - North Ancho Canyon Aggregate Area								Phase II Investigation Report for North Ancho Canyon Aggregate Area	Phase II investigation report for this aggregate area and the requisite risk assessment. This would include cleanups for media above SSLs.	9/30/2021
MDA-C Remedy	MDA-C Remedy								Corrective Measures Implementation Plan for Material Disposal Area C	Implementation plan that details the activities required to implement the selected corrective measures.	9/30/2021
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	Investigation Report for Twomile Canyon Aggregate Area	Investigation Report for this aggregate area and the requisite risk assessment. This would include cleanups for media above SSLs.	9/30/2021
Upper Water Watershed	Upper Water Watershed										

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MDA-AB Remedy	MDA-AB Remedy										
MDA-H Remedy	MDA-H Remedy										
MDAs-G & -L Remedies	MDAs-G & -L Remedies										
					20			20			14