

Appendix B MILESTONES AND TARGETS

		FY 2020 MILESTONES			FY 2021 TARGETS			FY 2022 TARGETS		
Campaign	Milestone # FY2020	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	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	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	Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) for MY2023 (October 2022-September 2023)	Annual update to the groundwater monitoring program baseline document with adjustments to sampling, monitoring groups, analytes, and frequencies based on previous results.	6/30/2022
	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						
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 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 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 need for this report is dependent on progress and performance of the IM.	3/31/2021	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (July 2021 to December 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 plume control objective. Modeling may be included as necessary to support the analysis. The need for this report is dependent on progress and performance of the IM.	3/31/2022
	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 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 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 need for this report is dependent on progress and performance of the IM.	9/30/2021	Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (January 2022 to June 2022)	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 need for this report is dependent on progress and performance of the IM.	9/30/2022
	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						

Appendix B MILESTONES AND TARGETS

		FY 2020 MILESTONES				FY 2021 TARGETS			FY 2022 TARGETS		
	Campaign	Milestone # FY2020	Milestone	Milestone Description	Milestone Date	Target	Target Description	Target Date	Target	Target Description	Target Date
Chromium IM & Characterization	Chromium IM & Characterization	4	Drilling Work Plan for Regional Well R-72	Drilling work plan for Regional Well R-72.	3/31/2020	Letter Report Documenting Completion of R-72 and Collection of First Samples	R-72 is a Chromium Project characterization and monitoring well planned for the southwestern portion of the plume. The well will be drilled in accordance with an NMED-approved work plan. The deliverable is a letter to NMED documenting completion of the well and collection of first samples.	12/18/2020			
	Chromium IM & Characterization	5	Drilling Work Plan for Regional Well R-71	Drilling work plan for Regional Well R-71.	3/31/2020	Letter Report Documenting Completion of R-71 and Collection of First Samples	R-71 is a Chromium Project characterization and monitoring well planned for the northwestern portion of the plume. The well will be drilled in accordance with an NMED-approved work plan. The deliverable is a letter to NMED documenting completion of the well and collection of first samples.	1/29/2021			
	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	Chromium Corrective Measures Evaluation (CME) Report	The CME will be the culmination of the chromium plume center characterization and will include an evaluation of remedial alternatives and a preferred remedy. The regulatory process involving NMED's review and issuance of the Statement of Basis follows submittal of the CME Report.	9/30/2021			
Chromium Final Remedy	Chromium Final Remedy										
Historical Properties Completion											
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						
	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						

Appendix B MILESTONES AND TARGETS

		FY 2020 MILESTONES			FY 2021 TARGETS			FY 2022 TARGETS			
	Campaign	Milestone # FY2020	Milestone	Milestone Description	Milestone Date	Target	Target Description	Target Date	Target	Target Description	Target Date
RDX Characterization	RDX Characterization					Letter Report Documenting Completion of P22 Replacement Well R-26i and Collection of First Sample	Replacement well R-26i for intermediate-aquifer well P22 located in TA-16 for RDX monitoring. The replacement well will be drilled in accordance with NMED-approved work plan. Deliverable is a letter to NMED documenting completion of the well and collection of first sample.	8/31/2021			
	RDX Characterization					Corrective Measures Evaluation (CME) for the RDX Contaminant Plume in Deep (Perched-Intermediate and Regional) Groundwater	This CME will address RDX contamination in deep groundwater. The regulatory process involving NMED's review and issuance of the Statement of Basis follows submittal of the CME Report.	12/18/2020			
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.	9/30/2022
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						
	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						
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	Delta Prime Site Aggregate Area Progress Report for Fiscal Year 2021	This progress report will summarize the completion 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. Field work is planned to be completed by September 2021. Completion assumes 731 samples will be collected and up to 790 cubic yards of soil and debris excavated.	9/30/2021	Delta Prime Site Aggregate Area Investigation Report for Remaining Sites	Investigation report and requisite risk assessment for the remaining sites associated with Building 21-257, former Building 21-35, DP West industrial waste lines, and DP East. Field work is planned to be completed by September 2021.	3/31/2022
Known Cleanup Sites (Above SSLs)											

Appendix B MILESTONES AND TARGETS

		FY 2020 MILESTONES			FY 2021 TARGETS			FY 2022 TARGETS				
	Campaign	Milestone # FY2020	Milestone	Milestone Description	Milestone Date	Target	Target Description	Target Date	Target	Target Description	Target Date	
MDAs-A & -T Remedy	MDAs-A & -T Remedy					MDA T Moisture Monitoring Instrumentation Installation Characterization Sampling Completion and Field Summary Report	Summary report describing the installation and instrumentation of the vadose moisture monitoring system and completion of moisture monitoring characterization sampling at MDA T.	9/30/2021				
	MDAs-A & -T Remedy					Letter Report Documenting Completion of R-65 and Collection of First Samples	R-65 is a monitoring well planned for the north edge of DP Mesa between MDA A and MDA T. The well will be drilled in accordance with the NMED-approved work plan. The deliverable is a letter to NMED documenting completion of the well and collection of first samples.	9/30/2021	MDA T CME Report	This report presents the remedial alternatives analysis for MDA T.	11/30/2021	
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							
	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 and requisite risk assessment of the field work completed for this aggregate area. Field work is planned to be completed by September 2020.	3/31/2021				
	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 and requisite risk assessment of the field work completed for this aggregate area. Field work is planned to be completed by September 2020.	4/30/2021				
	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.	9/30/2022
	Southern External Boundary - Potrillo and Fence Canyons Aggregate Area						Phase II Investigation Work Plan for Potrillo and Fence Canyons Aggregate Area	The Phase II investigation work plan will identify and describe the activities needed to complete the investigation of the remaining sites in Potrillo and Fence Canyons Aggregate Area.	9/30/2021	Potrillo and Fence Canyons Aggregate Area Progress Report	Progress report summarizing the fieldwork implementation and status of site investigations in Potrillo and Fence Canyons Aggregate Area.	9/30/2022

Appendix B MILESTONES AND TARGETS

		FY 2020 MILESTONES			FY 2021 TARGETS			FY 2022 TARGETS			
	Campaign	Milestone # FY2020	Milestone	Milestone Description	Milestone Date	Target	Target Description	Target Date	Target	Target Description	Target Date
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.	9/30/2022
Sandia Canyon Watershed	Sandia Canyon Watershed										
Pajarito Watershed	Pajarito Watershed - Twomile Canyon Aggregate Area					Twomile Canyon Aggregate Area Progress Report for Fiscal Year 2021	Progress report summarizing the fieldwork implementation and status of site investigations in Twomile Canyon Aggregate Area. Field mobilization is planned to start by October 2020. Fieldwork is planned to be completed by September 2021. Completion assumes 1,294 samples will be collected and up to 200 cubic yards of soil and debris excavated.	9/30/2021	Investigation Report for Twomile Canyon Aggregate Area	Investigation Report for this aggregate area and the requisite risk assessment. Field mobilization is planned to start by October 19, 2020. Fieldwork is planned to be completed by September 2021.	3/31/2022
	Pajarito Watershed - Starmer\Upper Pajarito Canyon Aggregate Area					Starmer/Upper Pajarito Canyon Aggregate Area Progress Report	Progress report summarizing the fieldwork implementation and status of site investigations in Starmer\Upper Pajarito Canyon Aggregate Area. Field mobilization is planned to start by February 2021.	9/30/2021	Investigation Report for Starmer/Upper Pajarito Canyon Aggregate Area	Investigation Report for this aggregate area and the requisite risk assessment.	6/30/2022
	Pajarito Watershed - Threemile Canyon Aggregate Area					Phase II Investigation Work Plan for Threemile Canyon Aggregate Area	The Phase II investigation work plan will identify and describe the activities needed to complete the investigation of the remaining sites in Threemile Canyon Aggregate Area.	3/3/2021	Threemile Canyons Aggregate Area Progress Report	Progress report summarizing the fieldwork implementation and status of site investigations in Threemile Canyons Aggregate Area.	9/30/2022
	Pajarito Watershed - Lower Pajarito Canyon Aggregate Area								Lower Pajarito Canyon Aggregate Area Progress Report	Progress report summarizing the fieldwork implementation and status of site investigations in Lower Pajarito Canyon Aggregate Area.	9/30/2022
Upper Water Watershed	Upper Water Watershed - Cañon de Valle Aggregate Area TA-15 and TA-16								Cañon de Valle Aggregate Area, TA-15 and TA-16 Progress Report	Progress report summarizing the fieldwork implementation and status of site investigations in Cañon de Valle Aggregate Area, TA-15 and TA-16.	9/30/2022
MDA-AB Remedy	MDA-AB Remedy										
MDA-H Remedy	MDA-H Remedy								CME Report for MDA H	This report presents the remedial alternatives analysis for MDA H.	3/2/2022

Appendix B MILESTONES AND TARGETS

Appendix B MILESTONES AND TARGETS											
			FY 2020 MILESTONES			FY 2021 TARGETS			FY 2022 TARGETS		
	Campaign	Milestone # FY2020	Milestone	Milestone Description	Milestone Date	Target	Target Description	Target Date	Target	Target Description	Target Date
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						
					17			17			15