

APPENDIX B
MILESTONES AND TARGETS

Appendix B MILESTONES AND TARGETS											
	Campaign	Milestone #	FY 2017 MILESTONES			FY 2018 TARGETS			FY 2019 TARGETS		
			Milestone	Milestone Description	Milestone Date	Target	Target Description	Target Date	Target	Target Description	Target Date
			Annual Update to the Interim Facility Wide Groundwater Monitoring Plan (IFGMP) for MY2018 (October 2017-September 2018)	Annual update to the groundwater monitoring program baseline document with adjustments to sampling, monitoring groups, analyts, and frequencies based on previous results.	5/30/2017	Annual Update to the IFGMP for MY2019 (October 2018-September 2019)	Annual update to the groundwater monitoring program baseline document with adjustments to sampling, monitoring groups, analyts, and frequencies based on previous results.	6/30/2018	Annual Update to the IFGMP for MY2020 (October 2019-September 2020)	Annual update to the groundwater monitoring program baseline document with adjustments to sampling, monitoring groups, analyts, and frequencies based on previous results.	6/30/2019
Chromium IM&Characterization	Chromium IM&Characterization		Chromium INJECTION WELL (4) completion reports for FY2016	Campaign level milestone for submittal of all four (4) Well Completion Reports for injection wells installed in FY2016 that are required for Chromium IM	3/31/2017	Chromium Corerective Measures Evaluation (CME) Report completed and submitted to NMED-HWB	The CME will be the culmination of the chromium investigatory activities and will include a recommendation of a remedy.	9/30/2018			
	Chromium IM&Characterization		Chromium EXTRACTION WELL evaluation report and Recommendation on CrEX-2	Campaign level milestone for submittal of the well evaluation report based on CrEX-1 and CrEX-3 data that is required for Chromium Characterization Work Plan specification for CrEX-2 for additional boundary withdrawal.	5/1/2017						
	Chromium IM&Characterization		Initial Operation of Chromium Interim Measures for Plume Control	Field completion milestone reflecting the initiation of pumping from CrEX-1, treatment of withdrawn water, and re-injection of treated water. This milestone shall be reported after 24-hours of operation of the connected equipment without failure and collection of the first sampling event.	9/30/2017						
Historical Properties Completion	Historical Properties Completion		Status Report for the Cleanup of Townsite SWMUs and AOCs (Historical Activities)	This milestone is a field completion status report of corrective action complete at the following townsite SWMUs and AOCs: * 01-001(g) * 01-003(b) (assoc LA Inn) * 01-006(b) (assoc LA Inn) * 01-007(a) (assoc LA Inn) * 01-007(b) (assoc LA Inn)	6/30/2017	Upper Los Alamos Canyon Aggregate Area (including Former TA-32) Phase II Cleanup Complete and Investigation Report Submitted to NMED	Campaign level milestone for completion of all SWMUs/AOCs in Upper LA CAA and development and submittal of the Investigation Report. This report wold include those DOE SWMUs on the back-side of private property (including SWMUs cleanup in Former TA-32 and separately reported). Results currently planned to be included in the final invest rpt for	9/30/2018			

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RDX IM & Remedy	RDX IM & Remedy		RDX Tracer Deployment Test Complete	Although the tracer test shall be physically completed, this milestone includes a summary report of the test and submittal of the relevant test data. This report will not include analysis of the data which will be included in the CME.	2/14/2017						
	RDX IM & Remedy		CdV-9-1(i) Aquifer Test Complete and Report Submitted to NMED-HWB	Although the aquifer test shall be physically completed, this milestone includes a summary report of the test and submittal of the relevant data. This report will not include analysis of the data which will be included in the CME.	4/7/2017	RDX Interim Measures Work Plan Completed and Submitted to NMED-HWB	Interim Measures Work Plan for interim measures addressing either surface or subsurface water before the CME can be completed and a remedy is selected by NMED.	9/30/2018	RDX Remediation Corrective Measures Implementation (CMI) Plan Completed and Submitted to NMED-HWB	CMI Plan for combining surface and subsurface remedies 9/30/2019	
	RDX IM & Remedy		CME for RDX TA-16 Submitted to NMED-HWB	The CME shall conduct the evaluation of the remaining corrective actions from the surface CMI and conduct the evaluation of information gathered for the subsurface. This CME shall also include a recommendation for an RDX remedy covering both surface and subsurface.	9/30/2107						
Admin Cmplt-Supplemental IRs	Admin Cmplt-SIR - TA-49 Inside		Supplemental Investigation Report TA-49 Aggregate Area - Inside NES	Supplemental Investigation Report prepared to pair risk assessment with previous investigation results.	10/31/2016						
	Admin Cmplt-SIR - CdV TA-14		Supplemental Investigation Report Canon de Valle Aggregate Area - TA-14	Supplemental Investigation Report prepared to pair risk assessment with previous investigation results.	12/31/2016						
	Admin Cmplt-SIR - TA-49 Outside		Supplemental Investigation Report TA-49 Aggregate Area - Outside NES	Supplemental Investigation Report prepared to pair risk assessment with previous investigation results.	10/31/2016						
	Admin Cmplt-SIR - N.Ancho		Supplemental Investigation Report North Ancho Agg Area	Supplemental Investigation Report prepared to pair risk assessment with previous investigation results.	4/30/2017						
	Admin Cmplt-SIR - L. Sandia		Supplemental Investigation Report Lower Sandia Canyon Aggregate Area	Supplemental Investigation Report prepared to pair risk assessment with previous investigation results.	9/30/2017						
	TA-21 D&D and Cleanup					TA-21 Corrective Actions Field Complete for Consolidated Unit 21-004(B)-99	Field completion of corrective actions for Consolidated Unit 21-004(B)-99	3/31/2018			

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TA 21 D&D and Cleanup	TA-21 D&D and Cleanup					TA-21 WESTBAY Wells Evaluation Reconfiguration Activities Completed for (R-5, R-7, R-8, R-9i) and Report Submitted to NMED-HWB	Reconfiguration completion report	3/31/2018	Following demolition of TA-21 Building 21-257 (not under Consent Order), initiate the Investigation Work Plan for Building 21-257 Footprint Investigation (tied to removal of DP West Industrial Waste Lines).	Completion of Contractor Readiness Review	6/30/2019
	TA-21 D&D and Cleanup					TA-21 DP West Building Footprint Investigations Complete and IR Submitted to NMED-HWB	One of the few remaining IRs for TA-21.	9/30/2018			
	TA-21 D&D and Cleanup					TA-21 DP East Nature and Extent Investigation Report Completed and Submitted to NMED-HWB	IR is one of last major investigation reports for TA-21.	9/30/2018			
Los Alamos/Pueblo Canyon	Los Alamos/Pueblo Canyon		Annual Monitoring REPORT for the Completed FY and PLAN for the upcoming FY for Los Alamos/Pueblo Watershed Sediment Transport Mitigation Project	Annual report of last year's results and update to plan for the upcoming year based on last year's observations. Both the annual report and the plan address the performance of stormwater controls installed in the LA/Pueblo watershed. Includes LIDAR survey data.	4/30/2017	Annual Monitoring REPORT for the Completed FY and PLAN for the upcoming FY for Los Alamos/Pueblo Watershed Sediment Transport Mitigation Project	Annual report of last year's results and update to plan for the upcoming year based on last year's observations. Both the annual report and the plan address the performance of stormwater controls installed in the LA/Pueblo watershed. Includes LIDAR survey data.	6/30/2018	Annual Monitoring REPORT for the Completed FY and PLAN for the upcoming FY for Los Alamos/Pueblo Watershed Sediment Transport Mitigation Project	Annual report of last year's results and update to plan for the upcoming year based on last year's observations. Both the annual report and the plan address the performance of stormwater controls installed in the LA/Pueblo watershed. Includes LIDAR survey data.	6/30/2019
	Los Alamos/Pueblo Canyon		Middle Los Alamos Canyon Aggregate Area Cleanups Field Completion	Field cleanup progress milestone SWMUs and AOCs that were identified in the Phase I and II investigations and requires remediation to less than SSLs which includes a PCB cleanup at AOC 02-011(a).	9/30/2017	Middle Los Alamos Canyon Phase III Investigation Report submitted to NMED	This milestone is the interim milestones for this aggregate area and will document the completion activities for all cleanups, ECORisk studies, a risk assessment for all sites within the aggregate area, and the recommendation for whether controls are required with a potential certificate of completion.	9/30/2018			
Prioritized Cleanup Sites (> SSLs)	Prioritized Cleanup Sites (> SSLs)								Complete Aggregate Area Known Cleanups Campaign	Field completion of cleanups of 20 sites in nine technical areas (from the middle ten aggregate areas investigations) currently known to exceed soil screening levels. These sites include: 03-049(a), 03-049(b), 03-049(e), 14-006, 14-009, 15-007(c&d), 15-008(b), 15-010(b), 16-026(b), 36-001, 36-008, C-36-008, 39-001(a&b), 39-002(a), 39-007(a), 46-004(q), 50-006(d), 53-001(a).	9/30/2019

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MDA A & MDA-T	MDAs-A & -T Remedy					Supplement Investigation Work Plan for the Pits and Trenches at MDA-A Submitted to NMED-HWB	This supplemental Investigation Work Plan will provide for the collection of information necessary to complete the characterization for nature and extent of contamination at MDA-A and to develop a future corrective measures evaluation in order to recommend an appropriate remedy. A Documented Safety Analysis MAY be required and if so, may extend date significantly.	9/30/2018	MDA-T Moisture Monitoring Completion and Report Submittal to NMED-HWB	Installation of instrumentation of boreholes, application of water to bermed area, monitoring of moisture at boreholes, and development of completion report for activity	9/30/2019
Chromium Remedy	Chromium Remedy								Chromium Source Control Corrective Measures Implementation (CMI) Plan completed and submitted to NMED-HWB	This implementation plan addresses the implementation of the chromium remedy selected by NMED. (Date is dependent on the NMED development of a statement of basis.)	6/30/2019
Southern External Boundary	Southern External Boundary								Chaquehui Canyon Aggregate Area Investigation Report Completed and Submitted to NMED-HWB	Initial Investigation and development of IR for one of the southern canyons. This is a low priority campaign but should be paired with South Ancho as geographical proximity warrants pairing.	3/31/2019
	Southern External Boundary								Investigation Report for South Ancho Canyon Agg Area	Initial Investigaiton Report for this aggregate area and the requisite risk assessment. This would include cleanups for media above SSLs.	12/31/2019
MDA-C Remedy	MDA-C Remedy										

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Sandia Canyon Watershed	Sandia Canyon Watershed		Sandia Canyon Wetland Performance Report for Period April 2016 - December 2016 [2017]	Annual inspection report describing activities performed in canyon to stabilize headcutting in the wetland that is keeping trivalent chromium entrained.	4/30/2017	Sandia Canyon Wetland Performance Report for Period April 2017 - December 2017 [2018]	Annual inspection report describing activities performed in canyon to stabilize headcutting in the wetland that is keeping trivalent chromium entrained.	6/30/2018	Sandia Canyon Wetland Performance Report for Period April 2018 - December 2018 [2019]	Annual inspection report describing activities performed in canyon to stabilize headcutting in the wetland that is keeping trivalent chromium entrained.	6/30/2019
Pajarito Watershed	Pajarito Watershed					Initial Investigation of Twomile Canyon Aggregate Area and submittal of Investigation Report to NMED	This builds on field sampling activity that may occur in FY2017 (but is not planned as of 3/31/2016) and development of the report and risk assessment in FY2018.	9/30/2018			
Upper Water Watershed	Upper Water Watershed										
MDA-AB Remedy	MDA-AB Remedy										
MDA-H Remedy	MDA-H Remedy										
MDAs-G & -L Remedies	MDAs-G & -L Remedies										
					16			13			10