

| Appendix B MILESTONES AND TARGETS | | | | | | | | | | | |
|-----------------------------------|--|-----------------------|--|--|-----------------------|--|---|-------------|--|---|-------------|
| | | FY 2021 MILESTONES | | | | FY 2022 TARGETS | | | FY 2023 TARGETS | | |
| | Campaign | Milestone # FY2021 | 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 | | 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 | Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) for MY2024 (October 2023-September 2024) | Annual update to the groundwater monitoring program baseline document with adjustments to sampling, monitoring groups, analytes, and frequencies based on previous results. | 6/30/2023 |
| | Historical Properties TA-21 D&D and Cleanup | | 2020 Monitoring Report for 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. | 4/30/2021 | 2021 Monitoring Report for 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. | 4/30/2022 | 2022 Monitoring Report for 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. | 4/30/2023 |
| | Historical Properties | | 2020 Sandia Wetland Performance Report | Annual report to effectiveness of mitigations, monitoring storm water, alluvial water and vegetative changes within Sandia Canyon Wetland | 4/30/2021 | 2021 Sandia Wetland Performance Report | Annual report to effectiveness of mitigations, monitoring storm water, alluvial water and vegetative changes within Sandia Canyon Wetland | 4/30/2022 | 2022 Sandia Wetland Performance Report | Annual report to effectiveness of mitigations, monitoring storm water, alluvial water and vegetative changes within Sandia Canyon Wetland | 4/30/2023 |
| Chromium IM & Characterization | Chromium IM & Characterization | | 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 | Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (July 2022 to December 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. | 3/31/2023 |
| | Chromium IM & Characterization | | 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 | Semiannual Performance Monitoring Progress Report of the Chromium Plume Control Interim Measure (January 2023 to June 2023) | 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. | 9/30/2023 |
| | Chromium IM & Characterization | | 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 | 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. | 4/29/2022 | | | |

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| Chromium IM & Characterization | Chromium IM & Characterization | | 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 | 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. | 2/28/2022 | | | |
| | Chromium IM & Characterization | | Assessment Report for the Evaluation of Conditions in the Regional Aquifer Around Well R-70 | Report presenting an evaluation of results from new well R-70 and an assessment of whether additional monitoring is required to evaluate performance of the Chromium Interim Measure. | 6/30/2021 | | | | | | |
| | Chromium IM & Characterization | | 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 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. | 12/16/2022 |
| Chromium Final Remedy | Chromium Final Remedy | | | | | | | | | | |
| Historical Properties Completion | Historical Properties Completion | | | | | | | | | | |
| 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 | | | | 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. | 8/31/2023 |
| | 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 | | | |

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| Supplemental Investigation Reports | SIR - Lower Sandia Canyon Aggregate Area | | Supplemental Investigation Report for Lower Sandia Canyon Aggregate Area, Revision 1 | Resolve comments, incorporate changes, and submit Revision 1 to the SIR. | 5/31/2021 | Supplemental Investigation Reports for Sites at Technical Area 49 Inside/Outside the Nuclear Environmental Site Boundary, Revision 1 | Resolve comments, incorporate changes, and submit revisions to the two SIRs. | 5/31/2022 | | | |
| TA-21 D&D and Cleanup - DP Site Aggregate Area | | | 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 | Delta Prime Site Aggregate Area Progress Report for Fiscal Year 2023 | This progress report will summarize the completion of field investigation, characterization, remediation, and final confirmation sampling at 15 SMWUs and 5 AOCs associated with the DP West sumps and industrial waste lines, former building 21-35, and building 21-257. | 9/30/2023 |
| Known Cleanup Sites (Above SSLs) | Known Cleanup Sites (Above SSLs) | | | | | | | | | | |
| 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 | 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. | 9/30/2022 | | | |
| | 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 | | | |
| | 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. | 9/30/2022 | MDA T CME Report | This report presents the remedial alternatives analysis for MDA T. | 11/30/2022 |
| Southern External Boundary | Southern External Boundary - Chaquehui Canyon Aggregate Area | | Phase II Investigation Work Plan for Chaquehui 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 Potrillo and Fence Canyons Aggregate Area | 12/18/2020 | | | | | | |
| | Southern External Boundary - Chaquehui Canyon Aggregate Area | | Phase II Investigation Report for Chaquehui Canyon Aggregate Area | Final investigation report and requisite risk assessment of the Phase II field work completed for this aggregate area | 8/31/2021 | | | | | | |

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| Southern External Boundary | Southern External Boundary - South Ancho Canyon Aggregate Area | | 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-December 2020. | 3/31/2021 9/30/2021 | | | | | | |
| | Southern External Boundary - Lower Water/Indio Canyons Aggregate Area | | 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-October 2020. | 4/30/2021 9/30/2021 | | | | | | |
| | Southern External Boundary - North Ancho Canyon Aggregate Area | | | | | Phase II Investigation Report for North Ancho Canyon Aggregate Area Progress Report for Fiscal Year 2022 | Phase II investigation report for this aggregate area and the requisite risk assessment. Progress report summarizing the fieldwork implementation and status of site investigations in North Ancho Canyon Aggregate Area. | 9/30/2022 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 | 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. | 9/30/2023 |
| 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 | | | |
| MDA-C Remedy | MDA-C Remedy | | Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area C, Solid Waste Management Unit 50-009, at Technical Area 50 | The report will provide a summary of vapor-phase VOC sampling data from the previous year's semiannual sampling conducted at MDA C. | 6/30/2021 | Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area C, Solid Waste Management Unit 50-009, at Technical Area 50 | The report will provide a summary of vapor-phase VOC sampling data from the previous year's semiannual sampling conducted at MDA C. | 6/30/2022 | Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area C, Solid Waste Management Unit 50-009, at Technical Area 50 | The report will provide a summary of vapor-phase VOC sampling data from the previous year's semiannual sampling conducted at MDA C. | 6/30/2023 |
| 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 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 - 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. Completion assumes up to 1,294 samples will be collected and up to 200 cubic yards of soil and debris excavated. | 9/30/2022 | Investigation Report for Twomile Canyon Aggregate Area | Investigation Report for this aggregate area and the requisite risk assessment. | 3/31/2023 |

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| Pajarito Watershed | 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 - 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. Completion assumes up to 1,850 samples will be collected and up to 16 cubic yards of soil and debris excavated. | 9/30/2022 | Investigation Report for Starmer/Upper Pajarito Canyon Aggregate Area | Investigation Report for this aggregate area and the requisite risk assessment. | 3/31/2023 |
| | 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 | Threemile Canyons Aggregate Area Progress Report | Progress report summarizing the fieldwork implementation and status of site investigations in Threemile Canyons Aggregate Area. | 9/30/2023 |
| | 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 | Lower Pajarito Canyon Aggregate Area Progress Report | Progress report summarizing the fieldwork implementation and status of site investigations in Lower Pajarito Canyon Aggregate Area. | 9/30/2023 |
| 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 | 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. | 9/30/2023 |
| 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 | | | |
| MDAs-G & -L Remedies | MDAs-G & -L Remedies | | Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54 | The report will provide a summary of vapor-phase VOC sampling data from the previous year's semiannual sampling being conducted at MDA L, including an evaluation of whether a restart of the soil vapor extraction system is required. | 5/30/2021 | Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54 | The report will provide a summary of vapor-phase VOC sampling data from the previous year's semiannual sampling being conducted at MDA L, including an evaluation of whether a restart of the soil vapor extraction system is required. | 5/30/2022 | Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54 | The report will provide a summary of vapor-phase VOC sampling data from the previous year's semiannual sampling being conducted at MDA L, including an evaluation of whether a restart of the soil vapor extraction system is required. | 5/30/2023 |
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