

October 10, 2022

Mr. Jason Wilson, Chief
c/o Mrs. Brandi Little
Governmental Hazardous Waste Branch Land Division
Alabama Department of Environmental Management
P.O. Box 301463
Montgomery, Alabama 36130-1463

SUBJECT: Revisions incorporating ADEM Review and Comment dated September 8, 2022, for the *Corrective Measures Effectiveness Report, Eleventh Year Long-Term Monitoring, Former Small Weapons Repair Shop, Parcel 66(7)* dated January 18, 2022.

Dear Mr. Wilson:

On behalf of the McClellan Development Authority (MDA), Matrix Environmental Services, LLC (MES) is pleased to submit revisions for the *Corrective Measures Effectiveness Report, Eleventh Year Long-Term Monitoring, Former Small Weapons Repair Shop, Parcel 66(7)* dated January 18, 2022, revised October 10, 2022, incorporating ADEM's comment dated September 8, 2022, for your review.

Two hard copies and a redline strikeout copy have been provided to Mrs. Brandi Little. Please contact me at (256) 847-0780 should you have any questions or comments.

Sincerely,
MATRIX ENVIRONMENTAL SERVICES, LLC



Richard Satkin, P.G
McClellan Program Manager

Enclosure

CC: Mrs. Brandi Little, ADEM (two paper copies)
Mr. Jason Odom, MDA (transmittal letter only)
Ms. Lisa Holstein, U.S. Army (one paper copy)
MES Files (one paper copy)

Response to ADEM Review and Comments dated September 8, 2022

RE: Corrective Measures Effectiveness Report, Eleventh Year Long-Term Monitoring. Former Small Weapons Repair Shop, Parcel 66(7); dated January 18, 2022

Specific Comment 1

Page 1-1, Section 1.0 Introduction: The section refers to Figure 1-1 and Figure 1-2; however, neither figure is present within the document. Please revise the document as necessary to address this discrepancy.

MDA Response:

Figures 1-1 and 1-2 have been added.

Specific Comment 2

Page 2-1, Section 2.1 Site Description: The section refers to Figure 1-2; however, the figure is not present within the document. Please revise the document as necessary to address this discrepancy.

MDA Response:

Figure 1-2 has been added.

Specific Comment 3

Page 4-1, Section 4.1.1 Groundwater Elevations: The section refers to Figure 4-1 through Figure 4-4 for the site's groundwater elevations and potentiometric elevations for the residuum groundwater zone from May 2021 through October 2021. Upon review, only Figure 4-1 and Figure 4-2 are correctly referenced. Figure 4-3 and Figure 4-4 are line plots of site VOC (volatile organic compounds) concentrations over time within residuum wells PPMP-66-MW02 / PPMP-66-MW02R / PPMP-66-MW02RR and PPMP-66-MW06 I PPMP-66-MW06R. Please revise the document as necessary to address this discrepancy.

MDA Response:

The text has been revised.

Specific Comment 4

Page 5-1, Section 5.2 Summary of Results, Bullet Five: The bullet states, "The overall trend in Site groundwater COCs [chemicals of concern] showed small decreasing fluctuations during the eleventh year of LTM [long-term monitoring] compared to the prior year." However, the line plots (Figures 4-3, Figure 4-4, Figure 4-5, and Figure 4-6) and the groundwater analytical data (Table 4-5a) provided indicate that Site COC concentrations showed slight increasing and decreasing fluctuations from 2020 to 2021. These minor fluctuations may indicate that site COC concentrations are stabilizing, and the effectiveness of the corrective measures implemented in 2018 is decreasing. Please revise the document as necessary to more accurately summarize the sample results from 2021 as compared to 2020.

Response to ADEM Review and Comments dated September 8, 2022

RE: *Corrective Measures Effectiveness Report, Eleventh Year Long-Term Monitoring. Former Small Weapons Repair Shop, Parcel 66(7); dated January 18, 2022*

MDA Response:

The text has been revised.