

**LONGHORN ARMY AMMUNITION PLANT
KARNACK, TEXAS
ADMINISTRATIVE RECORD – CHRONOLOGICAL INDEX**

VOLUME 6

2021

- A. Title: Transmittal Letter – Draft Feasibility Study Addendum for LHAAP-47, Building 46A Plant 3 Area, Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: January 20, 2021
Bate Stamp: 01016724 – 01016724

Item A above was published during the previous AR quarter; however, it is included here since it was left out of the Jan-Mar 2021 Admin Record.

- B. Title: Transmittal Letter – Draft Feasibility Study Addendum for LHAAP-47, Building 46A Plant 3 Area, Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: January 20, 2021
Bate Stamp: 01016725 – 01016725

Item B above was published during the previous AR quarter; however, it is included here since it was left out of the Jan-Mar 2021 Admin Record.

- C. Title: Report – Draft Final Feasibility Study Addendum for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 24, 2021
Bate Stamp: 01016726 – 01016845

Item C above was published during the previous AR quarter; however, it is included here since it was left out of the Jan-Mar 2021 Admin Record.

- D. Title: Report – Draft Final Remedial Action Completion Report, LHAAP-03 Former Waste Collection Pad, Building 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
- Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 2, 2021
Bate Stamp: 01016846 – 01016958

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- E. Title: (Cont'd) Report – Appendix B to Draft Final Remedial Action Completion Report, LHAAP-03 Former Waste Collection Pad, Building 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 2, 2021
Bate Stamp: 01016959 – 01017930
- F. Title: Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: April 7, 2021
Bate Stamp: 01017931 – 01018277
- G. Title: (Cont'd) Report – Appendix C and Appendix F to the Quarterly Evaluation Report, 4th Quarter (October-December) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: April 7, 2021
Bate Stamp: 01018278 – 01018609

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2021

- A. Title: (Cont'd) Report – Appendix C and Appendix F to the Quarterly Evaluation Report, 4th Quarter (October-December) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: April 7, 2021
Bate Stamp: 01018610 – 01020311
- B. Title: Report – Level IV DoD Analytical to Quarterly Evaluation Report, 4th Quarter (October-December) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: April 7, 2021
Bate Stamp: 01020312 – 01020565

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- A. Title: (Cont'd) Report – Level IV DoD Analytical to Quarterly Evaluation Report, 4th Quarter (October-December) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers
- Date: April 7, 2021
- Bate Stamp: 01020566 – 01022521

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- A. Title: (Cont'd) Report – Level IV DoD Analytical to Quarterly Evaluation Report, 4th Quarter (October-December) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers
- Date: April 7, 2021
- Bate Stamp: 01022522 – 01024409

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2021

- A. Title: (Cont'd) Report – Level IV DoD Analytical to Quarterly Evaluation Report, 4th Quarter (October-December) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers
- Date: April 7, 2021
- Bate Stamp: 01024410 – 01026357

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2021

- A. Title: (Cont'd) Report – Level IV DoD Analytical to Quarterly Evaluation Report, 4th Quarter (October-December) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: April 7, 2021
Bate Stamp: 01026358 – 01027940
- B. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), March 17, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: April 14, 2021
Bate Stamp: 01027941 – 01027961
- C. Title: Report – Final Remedial Action Completion Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 15, 2021
Bate Stamp: 01027962 – 01028265

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- A. Title: (Cont'd) Report – Final Remedial Action Completion Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 15, 2021
Bate Stamp: 01028266 – 01028523
- B. Title: Report – Final Remedial Action Completion Report, LHAAP-16 Landfill 16, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 15, 2021
Bate Stamp: 01028524 – 01029095
- C. Title: (Cont'd) Report – Appendix D to Final Remedial Action Completion Report, LHAAP-16 Landfill 16, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 15, 2021
Bate Stamp: 01029096 – 01030113

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- A. Title: (Cont'd) Report – Appendix D to Final Remedial Action Completion Report, LHAAP-16 Landfill 16, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 15, 2021
Bate Stamp: 01030114 – 01031993
- B. Title: Transmittal Letter – Draft Revised Proposed Plan for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: April 20, 2021
Bate Stamp: 01031994 – 01031994
- C. Title: Transmittal Letter – Draft Revised Proposed Plan for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: April 20, 2021
Bate Stamp: 01031995 – 01031995
- D. Title: Minutes – Final Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant (LHAAP), January 21, 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: April 22, 2021
Bate Stamp: 01031996 – 01032044

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2021

- A. Title: Transmittal Letter – Draft Summary Report – 2020 Plugging and Abandonment of Monitoring Wells, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: April 28, 2021
Bate Stamp: 01032045 – 01032045
- B. Title: Transmittal Letter – Draft Summary Report – 2020 Plugging and Abandonment of Monitoring Wells, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: April 28, 2021
Bate Stamp: 01032046 – 01032046
- C. Title: Transmittal Letter – Draft First Annual Remedial Action Operation Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, May 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: May 5, 2021
Bate Stamp: 01032047 – 01032047
- D. Title: Transmittal Letter – Draft First Annual Remedial Action Operation Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, May 2021
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: May 5, 2021
Bate Stamp: 01032048 – 01032048
- E. Title: Transmittal Letter – Draft 2020 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas, May 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: May 5, 2021
Bate Stamp: 01032049 – 01032049

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- F. Title: Transmittal Letter – Draft 2020 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas, May 2021
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: May 5, 2021
Bate Stamp: 01032050 – 01032050
- G. Title: Transmittal Letter – Draft Seventh Annual Remedial Action Operation Report, LHAAP-67 (Aboveground Storage Tank Farm), Longhorn Army Ammunition Plant, Karnack, Texas, May 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: May 6, 2021
Bate Stamp: 01032051 – 01032051
- H. Title: Transmittal Letter – Draft Seventh Annual Remedial Action Operation Report, LHAAP-67 (Aboveground Storage Tank Farm), Longhorn Army Ammunition Plant, Karnack, Texas, May 2021
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: May 6, 2021
Bate Stamp: 01032052 – 01032052
- I. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), April 21, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: May 21, 2021
Bate Stamp: 01032053 – 01032071
- J. Title: Work Plan – Final Pre-Design Investigation Work Plan, LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: May 26, 2021
Bate Stamp: 01032072 – 01032106

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- K. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), May 18, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: June 3, 2021
Bate Stamp: 01032107 – 01032125
- L. Title: Report – Final 2020 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 9, 2021
Bate Stamp: 01032126 – 01032503
- M. Title: Report – Quarterly Evaluation Report, 1st Quarter (January-March) 2010, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: June 14, 2021
Bate Stamp: 01032504 – 01032780
- N. Title: (Cont'd) Report – Appendix C to Quarterly Evaluation Report, 1st Quarter (January-March) 2010, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: June 14, 2021
Bate Stamp: 01032781 – 01033670
- O. Title: (Cont'd) Report – Level IV DoD to Quarterly Evaluation Report, 1st Quarter (January-March) 2010, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: June 14, 2021
Bate Stamp: 01033671 – 01033836

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- A. Title: (Cont'd) Report – Level IV DoD to Quarterly Evaluation Report, 1st Quarter (January-March) 2010, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers
- Date: June 14, 2021
- Bate Stamp: 01033837 – 01035668

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- A. Title: (Cont'd) Report – Level IV DoD to Quarterly Evaluation Report, 1st Quarter (January-March) 2010, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers
- Date: June 14, 2021
- Bate Stamp: 01035669 – 01037474

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2021

- A. Title: (Cont'd) Report – Level IV DoD to Quarterly Evaluation Report, 1st Quarter (January-March) 2010, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: June 14, 2021
Bate Stamp: 01037475 – 01038851
- B. Title: Report – Final Year 4 Long-Term Management Report for LHAAP-001-R-01 and LHAAP-003-R-01 Longhorn Army Ammunition Plant, Karnack Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 29, 2021
Bate Stamp: 01038852 – 01038886
- C. Title: Report – Final Revised Proposed Plan for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 30, 2021
Bate Stamp: 01038887 – 01038924