

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

VOLUME 1 of 13

2009

- A. Title: Report–Final Decision Document for LHAAP-08 (Former Sewage Treatment Plant), LHAAP-48 (Y-Area), LHAAP 35C(53) (Static Test Area), and LHAAP-002 R (Static Test Area), LHAAP, Karnack, TX  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 7, 2009  
Bate Stamp: 00070988 - 00071033
- B. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 13, 2009  
Bate Stamp: 00071034 - 00071050
- C. Title: Report–Final Site Investigation Report LHAAP-02, Vacuum Truck Overnight Parking Lot, LHAAP, Karnack, TX  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 30, 2009  
Bate Stamp: 00071051 - 00071182
- D. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: February 18, 2009  
Bate Stamp: 00071183 - 00071193
- E. Title: Report–Final Engineering Evaluation/Cost Analysis, Former Pistol Range, LHAAP, Karnack, TX  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholder  
Date: February 25, 2009  
Bate Stamp: 00071194 - 00071931

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

VOLUME 2 of 13

2009

- A. Title: Report (continued) – Final Engineering Evaluation/Cost Analysis, Former Pistol Range, LHAAP, Karnack, TX  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: February 25, 2009  
Bate Stamp: 00071932 - 00072255
- B. Title: Email – TCEQ Review – Draft Final Addendum to the Final Site Evaluation Report for Soil Associated with LHAAP-35/36 Sumps  
Author(s): Fay Duke, TCEQ  
Recipient: Praveen Srivastav, Shaw and Rose Zeiler, Army/BRAC Site Manager  
Date: March 4, 2009  
Bate Stamp: 00072256
- C. Title: Letter – LHAAP-02 Vacuum Truck Overnight Parking Lot Final Site Investigation Report, LHAAP TXD6213820529  
Author(s): Fay Duke, TCEQ  
Recipient: Rose Zeiler, Army/ BRAC Site Manager  
Date: March 4, 2009  
Bate Stamp: 00072257
- D. Title: Report – Final Engineering Evaluation and Cost Analysis, LHAAP-04, Former Pilot Wastewater Treatment Plant, Group 4, LHAAP, Karnack, TX  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 5, 2009  
Bate Stamp: 00072258 -00072701

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

VOLUME 3 of 13

2009

- A. Title: Report (continued) – Final Engineering Evaluation and Cost Analysis, LHAAP-04 Former Pilot Wastewater Treatment Plant, Group 4, LHAAP, Karnack, TX  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 5, 2009  
Bate Stamp: 00072702 - 00073211
- B. Title: Media Release – Public Notice Open House on March 24, 2009 for Public Comment  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Local Media  
Date: March 8, 2009  
Bate Stamp: 00073212 - 00073224
- C. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 24, 2009  
Bate Stamp: 00073225 - 00073235
- D. Title: Minutes – Quarterly Restoration Advisory Board Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 24, 2009  
Bate Stamp: 00073236 - 00073258
- E. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: April 14, 2009  
Bate Stamp: 00073259 - 00073267
- F. Title: Report – Final Addendum to the Final Data Evaluation Report Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps, LHAAP, Karnack, TX  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: April 22, 2009  
Bate Stamp: 00073268 – 00073623

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

VOLUME 3 of 13

2009

***NOTE: Volume 3, YEAR 2009, Letter G is listed OUT OF DATE IN SEQUENCE and should have been inserted in the YEAR 1995 UPDATE to the ADMINISTRATIVE RECORD***

G. Title: Report – Interim Remedial Action Burning Ground No. 3 and Unlined Evaporation Pond  
Author(s): Dow Environmental, Inc.  
Recipient: All Stakeholders  
Date: March 15, 1995  
Bate Stamp: 00073624 – 00073693

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

VOLUME 4 of 13

2009

- A. Title: Meeting Minutes – Monthly Manager’s Meeting Minutes, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: May 19, 2009  
Bate Stamp: 00073694 - 00073711
- B. Title: Meeting Minutes – Monthly Manager’s Meeting Minutes, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: June 16, 2009  
Bate Stamp: 00073712 - 00073722
- C. Title: Report – Final Site Evaluation for LHAAP-49, Former Acid Storage Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: June 16, 2009  
Bate Stamp: 00073723 - 00074707

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

VOLUME 5 of 13

2009

- A. Title: Report (continued) – Appendix F to Final Site Evaluation for LHAAP-49, Former Acid Storage Area, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Shaw Environmental, Inc., Houston, Texas
- Recipient: All Stakeholders
- Date: June 16, 2009
- Bate Stamp: 00074708 - 00075714

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

VOLUME 6 of 13

2009

- A. Title: Report (continued) – Appendix F to Final Site Evaluation for LHAAP-49, Former Acid Storage Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: June 16, 2009  
Bate Stamp: 00075715 - 00076058
- B. Title: Meeting Minutes – Longhorn AAP Restoration Advisory Board Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: June 16, 2009  
Bate Stamp: 00076059 - 00076070
- C. Title: Meeting Minutes – Monthly Manager’s Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 14, 2009  
Bate Stamp: 00076071 - 00076080
- D. Title: Report – Final Action Memorandum for Former Pistol Range and LHAAP-04, Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: August 3, 2009  
Bate Stamp: 00076081 - 00076101
- E. Title: Report – Final Removal Action Work Plan for the Former Pistol Range and LHAAP-04, Former Pilot Wastewater Treatment Plant, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: August 3, 2009  
Bate Stamp: 00076102 - 00076204

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

VOLUME 6 of 13

2009

- F. Title: Report – Final Site Investigation Report, LHAAP-03 (Waste Collection Pad Near Building 722-P, Paint Shop), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: August 17, 2009  
Bate Stamp: 00076205 - 00076348
- G. Title: Meeting Minutes – Monthly Manager’s Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: August 18, 2009  
Bate Stamp: 00076349 - 00076359
- H. Title: Meeting Minutes – Monthly Manager’s Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: September 15, 2009  
Bate Stamp: 00076360 - 00076369
- I. Title: Meeting Minutes – Longhorn AAP Restoration Advisory Board Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: September 15, 2009  
Bate Stamp: 00076370 - 00076392
- J. Title: Meeting Minutes – Monthly Manager’s Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: October 20, 2009  
Bate Stamp: 00076393 - 00076407



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

VOLUME 6 of 13

2009

K. Title: Report – Final Feasibility Study, LHAAP-46, Plant 2 Area, Group 4,  
Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: October 28, 2009  
Bate Stamp: 00076408 - 00076630

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

VOLUME 7 of 13

2009

- A. Title: Report (continued) – Appendix A to Final Feasibility Study, LHAAP-46,  
Plant 2 Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: October 28, 2009  
Bate Stamp: 00076631 - 00077509

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

VOLUME 8 of 13

2009

- A. Title: Report (continued) – Appendix D to Final Feasibility Study, LHAAP-46, Plant 2 Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: October 28, 2009  
Bate Stamp: 0077510 - 00078303
- B. Title: Meeting Minutes – Monthly Manager’s Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: November 10, 2009  
Bate Stamp: 00078304 - 00078373
- C. Title: Meeting Minutes – Monthly Manager’s Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 1, 2009  
Bate Stamp: 00078374 - 00078383
- D. Title: Meeting Minutes – Longhorn AAP Restoration Advisory Board Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 1, 2009  
Bate Stamp: 00078384 - 00078394

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

VOLUME 9 of 13

2009

- A. Title: Report – Final Feasibility Study, LHAAP-50, Former Sump Water Tank, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 17, 2009  
Bate Stamp: 00078395 - 00079299

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

VOLUME 10 of 13  
2009

- A. Title: Report – Final Feasibility Study, LHAAP-35A(58), Shops Area, Group 4,  
Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 21, 2009  
Bate Stamp: 00079300 - 00080173

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

VOLUME 11 of 13

2009

- A. Title: Report (Continued) – Final Feasibility Study, LHAAP-35A(58), Shops Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 21, 2009  
Bate Stamp: 00080174 - 00081176

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

VOLUME 12 of 13

2009

- A. Title: Report (Continued) – Final Feasibility Study, LHAAP-35A(58), Shops Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 21, 2009  
Bate Stamp: 00081177 - 00082172

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

VOLUME 13 of 13

2009

- A. Title: Report (Continued) – Final Feasibility Study, LHAAP-35A(58), Shops Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 21, 2009  
Bate Stamp: 00082173 – 00082348

***NOTE: Letter B of Volume 13, YEAR 2009, is listed OUT OF DATE SEQUENCE and should have been inserted in the YEAR 2008 update to the ADMINISTRATIVE RECORD***

- B. Title: Letter and Enclosures – Revised MNA Modeling Results for Time to MCL, LHAAP-37 and LHAAP-67, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): LHAAP Site Manager, Rose M. Zeiler, United States Army  
Recipient: TCEQ Remediation Division Project Manager, Fay Duke  
Date: June 9, 2008  
Bate Stamp: 00082349 – 00082384

***NOTE: Letter C of Volume 13, YEAR 2009, is listed OUT OF DATE SEQUENCE and should have been inserted in the YEAR 1998 update to the ADMINISTRATIVE RECORD***

- C. Title: Report – Final Construction Completion Report Interim Remedial Action Landfills 12 and 16 Cap Construction, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): OHM Remediation Services Corporation, Houston, Texas  
Recipient: TCEQ Remediation Division Project Manager, Fay Duke  
Date: December 2, 1998  
Bate Stamp: 00082385 – 00082426