

**LONGHORN ARMY  
AMMUNITION PLANT  
KARNACK, TEXAS**

**ADMINISTRATIVE  
RECORD**

**CHRONOLOGICAL INDEX**

**Bate Stamp Numbers**

**000001 – 00937224**

**Prepared for**

**Department of the Army  
Longhorn Army Ammunition Plant**

**1976 – 2019**

**LONGHORN ARMY AMMUNITION PLANT  
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**VOLUME 1 of 1**

**1976**

**A. Title: Final Report - AEHA Water Quality Special Study  
No. 24-0586-77**

**Group(s): 2 (Partial), 4**

**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: U.S. Army Environmental Hygiene Agency, Aberdeen Proving Ground**

**Author(s): U.S. Army Environmental Hygiene Agency, Aberdeen Proving Ground**

**Recipient: Commander, USA Material Development And Readiness Command**

**Date: August 2 - 10, 1976**

**Bate Stamp: 000001 - 000032**

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**1978**

**A. Title: Final Report - AEHA Air And Water Pollution Survey**  
**Group(s): All**  
**Site(s):** LHAAP-3 Building 72 - Paint Shop  
LHAAP-8 Sewage Treatment Plant  
LHAAP-12 Active Landfill  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-46 Plant 2 / Pyrotechnic Operation  
LHAAP-47 Plant 3 / Produces Motor Assemblies  
LHAAP-48 Y Area / Produces Hand Signal Assemblies  
LHAAP-51 Photographic Laboratory / Building 60B  
LHAAP-53 Static Test Area  
LHAAP-58 Maintenance Complex  
LHAAP-Main Power Plant & Water Supply  
LHAAP-Storage of Solvents and Chemicals  
LHAAP-Salvage Yard for Cardboard & Paper  
LHAAP-Heating Plant and Sanitary Sewage for Administration Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Horacek, Smith, Painter & Spitz, Incorporated  
**Author(s):** Horacek, Smith, Painter & Spitz, Incorporated  
**Recipient:** U.S. Army Corps Of Engineer, Fort Worth Division  
**Date:** April 20, 1978  
**Bate Stamp:** 000033 - 000077

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**1980**

**A. Title: Final Report - AEHA Land Disposal Study  
No. 38-26-0104-81-82**

**Group(s): 2 (Partial), 3 (Partial)**

**Site(s): LHAAP-12 Active Landfill  
LHAAP-14 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-18 & LHAAP-24 Burning ground / Washout Pond & Evaporation Pond**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: U.S. Army Environmental Hygiene Agency, Aberdeen Proving Ground**

**Author(s): U.S. Army Environmental Hygiene Agency, Aberdeen Proving Ground**

**Recipient: Commander, USA Material Development and Readiness Command**

**Date: January 23 - February 8, 1980**

**Bate Stamp: 000078 - 000196**



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**1984**

**A. Title: Final Analysis Report - Contamination Analysis Report for Environmental Contamination Survey of the Longhorn Army Ammunition Plant, Marshall, Texas**  
**Group(s): 1 (Partial), 2 (Partial)**  
**Site(s): LHAAP-11 Suspected TNT Burial Site At Avenues P & Q**  
**HAAP-16 Old Land Fill**  
**HAAP-17 No. 2 Flashing Area / Burning Ground**  
**LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**LHAAP-29 Former TNT Production Area**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Environmental Protection Systems, Inc**  
**Author(s): Environmental Protection Systems, Inc**  
**Recipient: Thiokol Corporation / Longhorn Division For Submission To U.S. Army Toxic and Hazardous Materials Agency, Aberdeen Proving Grounds, MD. 21010**  
**Date: March 14, 1983 - Revised May 3, 1984**  
**Bate Stamp: 000197 - 000505**

**B. Title: Closure Documents - Closure Of Unlined Evaporation Pond**  
**Group(s): 2 (Partial)**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Kindle, Stone & Associates, Inc.**  
**Author(s): Kindle, Stone & Associates, Inc.**  
**Recipient: U.S. Army Corps Of Engineers, Huntsville Division**  
**Date: July 15, 1984**  
**Bate Stamp: 000506 - 000880**

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**1985**

- A.**    **Title:**        **Newspaper Article - Despite Caddo Protest, Panel Oks Waste Discharge Permit**  
          **Group(s):**    **All**  
          **Site(s):**     **General**  
          **Location:**  **Longhorn Army Ammunition Plant, Marshall, Texas**  
          **Company:**  **Marshall News Messenger**  
          **Author(s):** **Jim Davis**  
          **Recipient:** **U. S. Public**  
          **Date:**     **February 28, 1985**  
          **Bate Stamp:** **000881**
- B.**    **Title:**        **Scope of Work - Specifications For Closure Of Unlined Evaporation Pond  
                      Project No. DACA 87-84-C-0039**  
          **Group(s):**  **2 (Partial)**  
          **Site(s):**    **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
          **Location:**  **Longhorn Army Ammunition Plant, Marshall, Texas**  
          **Agency:**   **U.S. Army Corps Of Engineers**  
          **Author(s):**  **Kindle, Stone & Associates, Inc**  
          **Recipient:** **Bidders**  
          **Date:**     **August, 1985**  
          **Bate Stamp:** **000882 - 001178**
- C.**    **Title:**        **Memorandum - AEHA Solid Waste Consultation  
                      Sanitary Landfill Closure Plan  
                      No. 38-26-0498-86**  
          **Group(s):**  **2 (Partial)**  
          **Site(s):**    **LHAAP-12 Active Landfill**  
          **Location:**  **Longhorn Army Ammunition Plant, Marshall, Texas**  
          **Agency:**   **U.S. Army Environmental Hygiene Agency, Aberdeen Proving Ground**  
          **Author(s):**  **U.S. Army Environmental Hygiene Agency**  
          **Recipient:**  **Commander, USA Material Development And Readiness Command**  
          **Date:**     **December 28, 1985**  
          **Bate Stamp:** **001179 - 001189**

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**1986**

**A. Title: Letter of Receipt - Certification Of Closure Of Unlined Evaporation Pond**  
**Group(s): 2 (Partial)**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond And Unlined Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Texas Water Commission**  
**Author(s): Merton J. Coloton, P.E., Chief**  
**Recipient: U.S. Army, Longhorn Army Ammunition Plant**  
**Date: June 13, 1986**  
**Bate Stamp: 004327**

**Note: Bate Stamp Number 004327 Is Out of Sequence From Volume 1 of 1990, C.**

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**VOLUME 1 of 2**

**1988**

- A. Title: Final Analytical Data - Analytical Results, As Defined In The Contamination Study At Longhorn Army Ammunition Plant**
- Group(s): 2 (Partial)**
- Site(s): LHAAP-16 Old Landfill**
- Location: Longhorn Army Ammunition Plant, Marshall, Texas**
- Company: Environmental Protection Systems, Inc.**
- Author(s): Environmental Protection Systems, Inc.**
- Recipient: Mr. Bruce Childress, Jr., Morton Thiokol Corporation**
- Date: March 31, 1988**
- Bate Stamp: 001190 - 001251**

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**1988**

**B. Title: Final Report - RCRA Facility Assessment (RFA)  
Group(s): All  
Site(s): LHAAP-1 through LHAAP-34  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Texas Water Commission  
Author(s): Texas Water Commission  
Recipient: U.S. Army, Longhorn Army Ammunition Plant  
Date: April 8, 1988  
Bate Stamp: 001252 - 001909**

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**1989**

- A.    **Title:**        **Final Report - Phase I RCRA Facility Investigation (RFI)  
Active Burning Ground and Unlined Evaporation Pond  
Volume 1 - Text**
- Site(s):**     **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**
- Location:**   **Longhorn Army Ammunition Plant, Marshall, Texas**
- Agency:**    **U.S. Army Corps Of Engineers, Fort Worth District**
- Author(s):**   **U.S. Army Corps Of Engineers, Fort Worth District**
- Recipient:**   **U.S. Army Corps Of Engineers, Huntsville Division**
- Date:**        **July, 1989**
- Bate Stamp:** **001910 - 002056**
- 
- B.    **Title:**        **Final Report - Phase I RCRA Facility Investigation (RFI)  
Active Burning Ground and Unlined Evaporation Pond  
Volume 2 - Sheet Drawings**
- Group(s):**    **2 (Partial)**
- Site(s):**     **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**
- Location:**   **Longhorn Army Ammunition Plant, Marshall, Texas**
- Agency:**    **U.S. Army Corps Of Engineers, Fort Worth District**
- Author(s):**   **U.S. Army Corps Of Engineers, Fort Worth District**
- Recipient:**   **U.S. Army Corps Of Engineers, Huntsville Division**
- Date:**        **July, 1989**
- Bate Stamp:** **002057 - 002088**

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**1989**

**C. Title: Final Report- Phase I Groundwater Quality Assessment  
Active Burning Ground and Unlined Evaporation Pond  
Volume 3 - (Appendices A Through K)**

**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: U.S. Army Corps Of Engineers, Fort Worth District**

**Author(s): U.S. Army Corps Of Engineers, Fort Worth District**

**Recipient: U.S. Army Corps Of Engineers, Huntsville Division**

**Date: February, 1989**

**Bate Stamp: 002089 - 002569**

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**1989**

**D. Title: Final Report - Phase I RCRA Facility Investigation (RFI)  
Active Burning Ground and Unlined Evaporation Pond  
Volume 4 - Appendixes L through BB**

**Group(s): 2 (Partial)**

**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: U.S. Army Corps Of Engineers, Fort Worth District**

**Author(s): U.S. Army Corps Of Engineers, Fort Worth District**

**Recipient: U.S. Army Corps Of Engineers, Huntsville Division**

**Date: July, 1989**

**Bate Stamp: 002570 - 003041**



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**1989**

**E. Title: Final Report - Phase I RCRA Facility Investigation (RFI)  
Active Burning Ground and Unlined Evaporation Pond  
Volume 5 - Quality Assurance / Quality Control (QA / QC)**

**Group(s): 2 (Partial)**

**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: U.S. Army Corps Of Engineers, Fort Worth District**

**Author(s): U.S. Army Corps Of Engineers, Fort Worth District**

**Recipient: U.S. Army Engineer Division, Huntsville Corps Of Engineers**

**Date: July, 1989**

**Bate Stamp: 003042 - 003504**

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**1989**

- F. Title: Newspaper Article - EPA Targets Longhorn Plant**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Longview Newspaper**  
**Author(s): Lee Cole**  
**Recipient: U.S. Public**  
**Date: July 14, 1989**  
**Bate Stamp: 003505**  
**Note: Bate Stamp Number 003506 Is A Blank Page**
- G. Title: Newspaper Article - East Texas Ammunition Plant is Superfund Candidate, Dated Friday, July 14, 1989**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: The Dallas Morning Star**  
**Author(s): Jennifer Dixon**  
**Recipient: U. S. Public**  
**Date: July 14, 1989**  
**Bate Stamp: 003507**
- H. Title: Final Analytical Data - Phase II Field Data RCRA Facility Investigation (RFI)**  
**Group(s): 2 (Partial)**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army Corps Of Engineers, Fort Worth District**  
**Author(s): U.S. Army Corps Of Engineers, Fort Worth District**  
**Recipient: U.S. Army Engineer Division, Huntsville Corps Of Engineer**  
**Date: September, 1989**  
**Bate Stamp: 003508 - 004034**
- I. Title: Letter - Subject: LHAAP, Karnack, Texas  
Proposed Permit No. HW-50195  
Industrial Solid Waste Registration No. 30090**  
**Attach(s): Texas Water Commission - Permit for Industrial Solid Waste Management Site**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Texas Water Commission**  
**Author(s): Minor Brooks Hibbs, Chief Permits Section**

**VOLUME 5 of 5 (Continued)**

**1989**

**Recipient: Mr Don Maley, Longhorn Army Ammunition Plant**

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**Date:** November 30, 1989  
**Bate Stamp:** 004035 - 004126

**J. Title:** Brochure - Welcome To Longhorn Army Ammunition Plant  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Thiokol Corporation And U.S.Army, Longhorn Army Ammunition Plant  
**Author(s):** Mr. Hal Cornish, General Manager, Thiokol, Corporation, Operating Contractor  
Lt. Jeffrey W. Russell, Commanding Officer Longhorn Army Ammunition Plant.  
**Recipient:** U.S. Public  
**Date:** December, 1989

**Bate Stamp:** 004127, 006640 - 006666

**Note:** Bate Stamp Numbers 006640 - 006666 Are Out of Sequence From Volume 3 of 1993, O.

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**1990**

- A.    **Title:**        Army Regulation 200-1 - Environmental Quality  
                  **Environmental Protection and Enhancement**
- Group(s):**    All
- Site(s):**     General
- Location:**  Washington D.C.
- Agency:**   Department Of the Army
- Author(s):**  Department of the Army
- Recipient:** Department of the Army
- Date:**     April 23, 1990
- Bate Stamp:** 004128 - 004219
- 
- B.    **Title:**        Letter - Subject: LHAAP Interagency Agreement
- Group(s):**  All
- Site(s):**    General
- Location:**  Marshall, Texas
- Agency:**   U.S. Environmental Protection Agency
- Author(s):**  Allyn M. Davis, Director, Hazardous Waste Management Division
- Recipient:** Jeffrey W. Russell, Lieutenant Colonel, U.S. Army
- Date:**     September 11, 1990
- Bate Stamp:** 004220
- 
- C.    **Title:**        Document - Final Guidance On Administrative Records For Selecting CERCLA Response  
                  **Action**
- Group(s):**  All
- Site(s):**    General
- Location:**  Washington D.C.
- Agency:**   Environmental Protection Agency, Region 6 And The Department Of The Army
- Author(s):**  U.S. Army
- Recipient:**  Regional Administrator
- Date:**     December 3, 1990
- Bate Stamp:** 004221 - 004326

**Note:** 004327 Used in Volume 1 of 1986, A.

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**1991**

- A.    **Title:**        **Letter - Subject: LHAAP National Priority List (NPL) Superfund Site Notice of Negotiation Period for Federal Facility Agreement (FFA)**  
      **Group(s):**    **All**  
      **Site(s):**     **General**  
      **Location:**   **Marshall, Texas**  
      **Agency:**    **U.S. Environmental Protection Agency**  
      **Author(s):**   **Allyn M. Davis, Director, Hazardous Waste Management Division**  
      **Recipient:**  **Lieutenant Colonel Jeffery Russell**  
      **Date:**        **January 2, 1991**  
      **Bate Stamp:** **004328**
- B.    **Title:**        **Letter - Subject: Confirmation of Willingness to Negotiate Federal Facility Agreement (FFA)**  
      **Group(s):**    **All**  
      **Site(s):**     **General**  
      **Location:**   **Dallas, Texas**  
      **Agency:**    **U.S. Navy**  
      **Author(s):**   **Jeffrey W. Russell, Lieutenant Colonel, U.S. Navy**  
      **Recipient:**  **Renee Holmes, U.S. Environmental Protection Agency**  
      **Date:**        **January 16, 1991**  
      **Bate Stamp:** **004329 - 004330**
- C.    **Title:**        **Newspaper Article - Pentagon lists 938 toxic sites across Texas**  
      **Group(s):**    **All**  
      **Site(s):**     **General**  
      **Location:**   **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Company:**    **The Dallas Morning News**  
      **Author(s):**   **Associated Press**  
      **Recipient:**  **U.S. Public**  
      **Date:**        **April 3, 1991**  
      **Bate Stamp:** **004331**
- D.    **Title:**        **Final Agreement - Federal Facility Agreement Under CERCLA Section 120, U.S. Department Of The Army, Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Group(s):**    **All**  
      **Site(s):**     **General**  
      **Location:**   **Washington D.C.**  
      **Agency:**    **Environmental Protection Agency, Region 6 And The Department Of The Army**  
      **Author(s):**   **U.S. Army**  
      **Recipient:**  **U.S. Government**  
      **Date:**        **September, 1991**

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**1991**

**Bate Stamp: 004332 - 004400**

- E. Title: Public Notice - Proof Of Publication From Marshall News Messenger Titled Public Notice Of Longhorn Army Ammunition Plant Interagency Agreement**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): Longhorn Army Ammunition Plant**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army and Texas Water Commission**  
**Author(s): U.S. Army and Texas Water Commission**  
**Recipient: U.S. Public**  
**Date: October 23, 1991**  
**Bate Stamp: 004401**
- F. Title: Letter - LHAAP Proof of Publication -IAG**  
**Attach(s): Proof of Publication from Marshall News Messenger, Marshall, Texas**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department of the Army**  
**Author(s): Michael K. Cobb, Sr., Contract Operations Officer**  
**Recipient: U.S. Public**  
**Date: November 6, 1991**  
**Bate Stamp: 004402**
- G. Title: Letter - Subject: Public Announcement of Federal Facility Agreement for LHAAP - No Comments Were Received**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department of the Army, LHAAP**  
**Author(s): Lt. Colonel Robert W. Bringman, Commanding Officer, LHAAP**  
**Recipient: Lisa Marie Price, USEPA**  
**Date: December 16, 1991**  
**Bate Stamp: 004403**
- H. Title: Letter - Subject: Notice Of Effective Date Of Federal Agreement**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Environmental Protection Agency**  
**Author(s): Robert E. Layton Jr. P.E., Regional Director**

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**1991**

**Recipient: Lt. Colonel Robert W. Bringman, Commanding Officer, LHAAP  
Date: December 18, 1991  
Bate Stamp: 004404 - 004405**

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**1992**

- A. Title: Letter - Subject: Draft Schedules**  
**Attach(s): Schedules**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U. S. Army Corps Of Engineers, Tulsa District**  
**Author(s): Frank W. Parker, U.S. Army**  
**Recipient: Ms. Lisa M. Price, Environmental Protection Agency**  
**Date: January 17, 1992**  
**Bate Stamp: 004406 - 004435**
- B. Title: Letter - Subject: Meeting On ARARs**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Randall J. Miller, Captain, U.S. Army**  
**Recipient: Ms. Lisa M. Price, Environmental Protection Agency**  
**Date: January 27, 1992**  
**Bate Stamp: 004436**
- C. Title: Letter - Subject: EPA=s Comments On Draft Schedule**  
**Attach(s): Schedules**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Environmental Protection Agency**  
**Author(s): Ms. Lisa M. Price, Environmental Protection Agency**  
**Recipient: Lynn Muckelrath, Longhorn Army Ammunition Plant**  
**Date: February 5, 1992**  
**Bate Stamp: 004437 - 004442**
- D. Title: Letter - Subject: TWC=s Comments On Draft Schedule**  
**Attach(s): Schedules**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Texas Water Commission**  
**Author(s): Michael A. Moore, Texas Water Commission**  
**Recipient: Ms. Lisa M. Price, Environmental Protection Agency**



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**1992**

**Date:** February 6, 1992  
**Bate Stamp:** 004443 - 004446

- E. Title:** Letter - Subject: Revised Draft Schedules  
**Attach(s):** Schedules  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U. S. Army Corps Of Engineers, Tulsa District  
**Author(s):** Frank W. Parker, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** February 19, 1992  
**Bate Stamp:** 004447 - 004455
- F. Title:** Letter - Subject: Approval Of Revised Draft Schedules  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Michael A. Moore, Texas Water Commission  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** February 24, 1992  
**Bate Stamp:** 004456
- G. Title:** Letter - Subject: Submission Of Community Relations Plan  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** R. Terry Coomes, Chief, Engineering Division, U.S. Army  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** February 24, 1992  
**Bate Stamp:** 004457 - 004459
- H. Title:** Letter - Subject: Submission of Draft Remedial Investigation / Feasibility Study (RI / FS)  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps of Engineers, Fort Worth District  
**Author(s):** R. Terry Coomes, P.E., Chief, Engineering Division

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1992

**Recipient:** Ms. Lisa M. Price, U.S. Environmental Protection Agency  
**Date:** February 27, 1992  
**Bate Stamp:** 004460

- I. Title:** Letter - Subject: Scheduling Of First TRC Meeting  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** March 3, 1992  
**Bate Stamp:** 004461 - 004463
- J. Title:** Progress Report - Technical Review Committee, Longhorn Army Ammunition Plant  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Environmental Protection Agency  
**Author(s):** Environmental Protection Agency  
**Recipient:** U.S. Army  
Texas Water Commission  
Local Government Agencies  
**Date:** March 10, 1992  
**Bate Stamp:** 004464 - 004493
- K. Title:** Letter - Draft Initial Remedial Action / Data Quality Objectives  
**Group(s):** 1,2, and 3  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Between Active Landfill & Old Landfill  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Waste Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers

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**1992**

**Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** March 13, 1992  
**Bate Stamp:** 004494

**L. Title:** Response To Comments - Longhorn Army Ammunition Plant Remedial Investigation / Feasibility Study (RI / FS) Draft Work Plan

**Group(s):** 1,2, and 3

**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Between Active Landfill & Old Landfill  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Waste Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas

**Agency:** Environmental Protection Agency

**Author(s):** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement

**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant

**Date:** March 27, 1992

**Bate Stamp:** 004495 - 004543

**M. Title:** Response To Comments - Longhorn Army Ammunition Plant Community Relations Plan

**Group(s):** All

**Site(s):** General

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas

**Agency:** Environmental Protection Agency

**Author(s):** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement

**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant

**Date:** March 27, 1992

**Bate Stamp:** 004544 - 004548

**N. Title:** Letter - TWC=s Comments On Draft Remedial Investigation / Feasibility Study Work Plan

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**Group(s):** Initial Remedial Action / Data Quality Objectives, And Community Relations Plan  
1,2, & 3  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area,  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Michael A. Moore, Texas Water Commission  
**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant  
**Date:** April 1, 1992  
**Bate Stamp:** 004549 - 004578

**O. Title:** Letter - EPA=s Comments On Draft Initial Remedial Action / Data Quality Objectives  
**Group(s):** 1,2, & 3  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforce  
**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant  
**Date:** April 14, 1992  
**Bate Stamp:** 004579 - 004584

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1992

- P.**    **Title:**        **Final Plan - Longhorn Army Ammunition Plant Community Relations Plan**  
          **Group(s):**    **All**  
          **Site(s):**     **General**  
          **Location:**   **Longhorn Army Ammunition Plant, Marshall, Texas**  
          **Agency:**    **U.S. Army Corps Of Engineers, Tulsa District**  
          **Author(s):**   **U.S. Army Corps Of Engineers, Tulsa District**  
          **Recipient:**  **U.S. Army, Longhorn Army Ammunition Plant**  
          **Date:**       **May, 1992**  
          **Bate Stamp:** **004585 - 004652**
- Q.**    **Title:**        **Letter - Response To Request For Extension Remedial Investigation / Feasibility Study**  
          **Group(s):**    **1,2, & 3**  
          **Site(s):**     **LHAAP-1 Inert Burning Grounds**  
                          **LHAAP-11 Suspected TNT Burial Site At Avenues P & Q**  
                          **LHAAP-12 Active Landfill**  
                          **LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills**  
                          **LHAAP-14 Area 54 Burial Ground**  
                          **LHAAP-16 Old Landfill**  
                          **LHAAP-17 Burning Ground No. 2 / Flashing Area**  
                          **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
                          **LHAAP-27 South Test Area**  
                          **LHAAP-29 Former TNT Production Area**  
                          **LHAAP-32 Former TNT Disposal Plant**  
                          **LHAAP-54 or LHAAP-XX Ground Signal Test Area**  
          **Location:**   **Longhorn Army Ammunition Plant, Marshall, Texas**  
          **Agency:**     **Texas Water Commission**  
          **Author(s):**   **Michael A. Moore, Texas Water Commission**  
          **Recipient:**  **Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant**  
          **Date:**       **May 13, 1992**  
          **Bate Stamp:** **004653**
- R.**    **Title:**        **Letter - Army=s Response To Comments Remedial Investigation / Feasibility Study**  
          **Group(s):**    **1,2, & 3**  
          **Site(s):**     **LHAAP-1 Inert Burning Grounds**  
                          **LHAAP-11 Suspected TNT Burial Site At Avenues P & Q**  
                          **LHAAP-12 Active Landfill**  
                          **LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills**  
                          **LHAAP-14 Area 54 Burial Ground**  
                          **LHAAP-16 Old Landfill**

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LHAAP-17 Burnin Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers  
**Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
**Recipient:** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforce  
**Date:** May 14, 1992  
**Bate Stamp:** 004654 - 004659

- S. **Title:** Letter - Subject: Army=s Response To Comments Revised Community Relations Plan  
**Attach(s)** Comments  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U. S. Army, Longhorn Army Ammunition Plant  
**Author(s):** Robert W. Bringman, Lieutenant Colonel, U. S. Army  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** May 18, 1992  
**Bate Stamp:** 004660 - 004662
- T. **Title:** Letter - Subject: Draft Revised Schedules  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** May 19, 1992  
**Bate Stamp:** 004663 - 004665
- U. **Title:** Letter - Subject: EPA=s Comments On Draft Revised Schedule  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa M. Price, Environmental Protection Agency  
**Recipient:** Lynn Muckelrath, Longhorn Army Ammunition Plant

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**1992**

**Date: May 29, 1992  
Bate Stamp: 004666 - 004667**

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1992

V. Title: **Final Workplan - Phase I Remedial Investigation / Feasibility Study (RI / FS) Work Plan  
Volume 1 - General**

Group(s): **1,2, and 3**

Site(s): **LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area**

Location: **Longhorn Army Ammunition Plant, Marshall, Texas** Agency: **U.S. Army Corps  
Of Engineers, Tulsa District**

Author(s): **U.S. Army Corps Of Engineers, Tulsa District**

Recipient: **U.S. Army, Longhorn Army Ammunition Plant**

Date: **June, 1992**

Bate Stamp: **004668 - 005119**



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1992

- W. Title: **Final Workplan - Phase I Remedial Investigation / Feasibility Study (RI / FS) Work Plan  
Volume 2 - Chemical Data Acquisition**
- Group(s): 1,2, and 3
- Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area
- Location: Longhorn Army Ammunition Plant, Marshall, Texas
- Agency: U.S. Army Corps Of Engineers, Tulsa District
- Author(s): U.S. Army Corps Of Engineers, Tulsa District
- Recipient: U.S. Army, Longhorn Army Ammunition Plant
- Date: June, 1992
- Bate Stamp: 005120 - 005319
- 
- X. Title: **Final Work Plan - Phase I Remedial Investigation/Feasibility Study (RI / FS) Work Plan  
Volume 3 - Site Safety And Health Plan**
- Group(s): 1,2, and 3
- Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area
- Location: Longhorn Army Ammunition Plant, Marshall, Texas
- Agency: U.S. Army Corps Of Engineers, Tulsa District

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**1992**

**Author(s):** U.S. Army Corps Of Engineers, Tulsa District  
**Recipient:** U.S. Army, Longhorn Army Ammunition Plant  
**Date:** June, 1992  
**Bate Stamp:** 005320 - 005390

**Y. Title:** Letter - Subject: Scheduling Of June 1992 TRC Meeting  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** June 1, 1992  
**Bate Stamp:** 005391 - 005393

**Z. Title:** Letter - Revised Draft Remedial Investigation / Feasibility Study (RI/FS)  
Work Plan  
**Attach(s)** Response Comments  
**Group(s):** 1,2, & 3  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers  
**Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
**Recipient:** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforce  
**Date:** June 11, 1992  
**Bate Stamp:** 005394 - 005544

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**1992**

- A. Title:** Letter - TWC=s Response to Comments on Draft Phase I Remedial Investigation / Feasibility Study (RI/FS) Work Plan Budget And Schedule  
**Group(s):** 1,2, & 3  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Activ Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Michael A. Moore, Texas Water Commission  
**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant  
**Date:** July 10, 1992  
**Bate Stamp:** 005545 - 005548
- B. Title:** Letter - Subject: Response To Comments Revised Community Relations Plan  
**Attach(s)** Comments  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U. S. Army, Longhorn Army Ammunition Plant  
**Author(s):** Michael K. Cobb, Contract Operations Officer  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** July 14, 1992  
**Bate Stamp:** 005549 - 005567
- C. Title:** Letter - Subject: LHAAP Remedial Investigation / Feasibility Study (RI / FS) Work Plan  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission

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**1992**

**Author(s):** Michael A. Moore, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
**Recipient:** Lynn Mucklerath, Project Manager, LHAAP  
**Date:** July 17, 1992  
**Bate Stamp:** 005568

**D. Title:** Memorandum - Response to Comments on Draft Phase I Remedial Investigation / Feasibility Study (RI/FS) Work Plan  
**Group(s):** 1,2, & 3  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers  
**Author(s):** R. Terry Coomes, Chief, Engineering Division, U.S. Army Corps Of Engineers, Fort Worth District  
**Recipient:** Commander, U.S. Army, Longhorn Army Ammunition Plant  
**Date:** August 12, 1992  
**Bate Stamp:** 005569 - 005598

**E. Title:** FAX - Subject: DERPMIS List  
**Attach(s):** List  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lynn Muckelrath, Longhorn Army Ammunition Plant  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** August 13, 1992  
**Bate Stamp:** 005599 - 005601

**F. Title:** Letter - Subject: Meeting, LHAAP, for Technical Review Committee - December 8,

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1992

1993

Attach(s): Meeting Agenda  
Attendance Lists  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Robert W. Bringman, Lieutenant Colonel, U.S. Army  
Recipient: Ms. Lisa M. Price, Environmental Protection Agency  
Date: September 3, 1992  
Bate Stamp: 005602 - 005605

G. Title: Letter - TWC <s Approval Of Remedial Investigation / Feasibility Study (RI/FS)  
Work Plan

Group(s): 1,2, & 3  
Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Texas Water Commission  
Author(s): Michael A. Moore, Texas Water Commission  
Recipient: Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant  
Date: September 14, 1992  
Bate Stamp: 005606 - 005607

H. Title: Letter - EPA=s Approval Of Remedial Investigation / Feasibility Study (RI/FS) Work  
Plan

Group(s): 1,2, & 3  
Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill

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LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground                      LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area,  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforce  
**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant  
**Date:** September 14, 1992  
**Bate Stamp:** 005608

- I. Title:** Letter - Subject: Need For Interim Action At Unlined Evaporation Pond & Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP - 18 LHAAP - 24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa Marie Price, Environmental Protection Agency  
**Recipient:** Lynn Muckelrath, Longhorn Army Ammunition Plant  
**Date:** October 6, 1992  
**Bate Stamp:** 005609 - 005610
- J. Title:** Letter - Subject: Comments On DERPMS List  
**Attach(s):** List  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa Marie Price, Environmental Protection Agency  
**Recipient:** Lynn Muckelrath, Longhorn Army Ammunition Plant  
**Date:** October 13, 1992  
**Bate Stamp:** 005611 - 005612
- K. Title:** Letter - Subject: Meeting, LHAAP, for Technical Review Committee - December 8, 1993

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1992

**Attach(s):** Meeting Agenda  
**Group(s):** All

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KARNACK, TEXAS  
ADMINISTRATIVE RECORD - CHRONOLOGICAL INDEX**

**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** December 1, 1992  
**Bate Stamp:** 005613 - 005614

**LONGHORN ARMY AMMUNITION PLANT  
KARNACK, TEXAS  
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**VOLUME 1 of 5**

**1993**

- A.   **Title:**        Letter - Subject: Meeting, LHAAP, for Technical Review Committee - December 8, 1993  
      **Attach(s):** Meeting Agenda  
      **Group(s):**   All  
      **Site(s):**     General  
      **Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
      **Agency:**  Department Of The Army, Longhorn Army Ammunition Plant  
      **Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
      **Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
      **Date:**        March 2, 1993  
      **Bate Stamp:** 005615 - 005616
- B.   **Title:**        Letter - Subject: Draft RI / FS Work Plan Addendum To Include Site 1A  
      **Group(s):**   1 (Partial)  
      **Site(s):**     LHAAP - 1A Inert Burning Ground  
      **Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
      **Agency:**  Department Of The Army, U.S. Corps Of Engineers  
      **Author(s):** Robert W. Bringman, Lieutenant Colonel, U.S. Army  
      **Recipient:** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
      **Date:**        March 10, 1993  
      **Bate Stamp:** 005617
- C.   **Title:**        Final Report - Waste Sump Inventory Remedial Investigation (RI)  
      **Group(s):**   4  
      **Site(s):**     LHAAP-35 Process Wastewater Sumps - Various  
                    LHAAP-36 Explosive Waste Pads  
      **Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
      **Agency:**  U.S. Army Corps Of Engineers, Tulsa District  
      **Author(s):** U.S. Army Corps Of Engineers, Tulsa District  
      **Recipient:** U.S. Army, Longhorn Army Ammunition Plant  
      **Date:**        April, 1993  
      **Bate Stamp:** 005618 - 005763
- D.   **Title:**        Letter - Subject: Requested Change In Quantification Limits For Detection Of Explosives  
                    in Ground Water Samples  
      **Group(s):**   All  
      **Site(s):**     General  
      **Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
      **Agency:**  Department Of The Army, U.S. Corps Of Engineers  
      **Author(s):** Robert W. Bringman



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**1993**

**Recipient: Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement**

**Date: April 1, 1993**

**Bate Stamp: 005764 - 005765**

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**1993**

**E. Title: Final Analytical Data - Data Summary Report Of Investigation Results From 1976 Through 1992 For Burning Ground 3 & The Unlined Evaporation Pond**  
**Group(s): 2 (Partial)**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army Corps Of Engineer, Tulsa District**  
**Author(s): U.S. Army Corps Of Engineers**  
**Recipient: U.S. Army, Longhorn Army Ammunition Plant**  
**Date: May, 1993**  
**Bate Stamp: 005766 - 006305**

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**1993**

- F. Title:** Letter - Subject: Draft Workplan For Phase I Investigations OF 125 Waste Process Sumps And 20 Waste Rack Sumps, May 1993  
**Attach(s):** Comments - EPA Comments Of Workplan For Phase I  
**Group(s):** 4  
**Site(s):** LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, U.S. Corps Of Engineers  
**Author(s):** Robert W. Bringman  
**Recipient:** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
**Date:** May 13, 1993  
**Bate Stamp:** 006306
- G. Title:** Final Workplan - Phase I Investigations Of 125 Waste Process Sumps And 20 Waste Rack Sumps for Remedial Investigation  
Soil And Groundwater Background Concentration Study  
**Attach(s):** Chain Of Custody Field Data Forms  
**Group(s):** 4  
**Site(s):** LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers, Tulsa District  
**Author(s):** U.S. Army Corps Of Engineers, Tulsa District  
**Recipient:** U.S. Army, Longhorn Army Ammunition Plant  
**Date:** June, 1993  
**Bate Stamp:** 006307 - 006402
- H. Title:** Memorandum - Subject: Summary Data Report For Unlined Evaporation Pond / Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP - 18 & LHAAP - 24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Robert W. Bringman  
**Recipient:** Distribution  
**Date:** June 4, 1993  
**Bate Stamp:** 006403
- I. Title:** Letter - Subject: Draft Workplan For Phase I Investigations OF 125 Waste Process Sumps And 20 Waste Rack Sumps, May 1993

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**1993**

**Attach(s):** Comments - EPA Comments Of Workplan For Phase I  
**Group(s):** 4  
**Site(s):** LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant  
**Date:** June 14, 1993  
**Bate Stamp:** 006404 - 006405

**J. Title:** Letter - Subject: Remedial Investigation / Feasibility Study (RI / FS) Work Plan For Sumps  
**Attach(s):** EPA Comments Of Phase I Draft Workplan  
**Group(s):** 4  
**Site(s):** LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Michael A. Moore, Texas Water Commission  
**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant  
**Date:** June 15, 1993  
**Bate Stamp:** 006406 - 006409

**K. Title:** Letter - Subject: Additional TWC Comments On Draft RI / FS For 125 Waste Rack Sumps And 20 Waste Rack Sum,ps  
**Group(s):** 4  
**Site(s):** LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Michael A. Moore, Texas Water Commission  
**Recipient:** Lynn Muckelrath, Project Manager, Longhorn Army Ammunition Plant  
**Date:** June 17, 1993  
**Bate Stamp:** 006410 - 006411

**L. Title:** Meeting Agenda - LHAAP Technical Review Committee Meeting, March 10, 1994  
**Attach(s):** Attendance List  
Schedule - Phase I Investigations  
**Group(s):** All  
**Site(s):** General

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**1993**

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army  
**Author(s):** U.S. Army Corps of Engineers, Tulsa District  
**Recipient:** Meeting Participants  
**Date:** June 22, 1993  
**Bate Stamp:** 006412 - 006417

**M. Title:** Letter - Subject: EPA And TWC Approval Of RI / FS Work Plan Addendum For Site 1  
**Group(s):** 1 (Partial)  
**Site(s):** LHAAP - 1 Inert Burning Grounds  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Environmental Protection Agency  
**Recipient:** Lynn Muckelrath, Longhorn Army Ammunition Plant  
**Date:** August 18, 1993  
**Bate Stamp:** 006418

**N. Title:** Letter - Subject: Draft Work Plan For Additional Investigation At Unlined Evaporation Pond / Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Lisa Marie Price, Environmental Protection Agency  
**Date:** August 31, 1993  
**Bate Stamp:** 006419

**O. Title:** Final Workplan - Phase I Remedial Investigation / Feasibility Study (RI / FS) Work Plan Addendum  
**Group(s):** 1  
**Site(s):** LHAAP-1 Inert Burning Grounds  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Roy F. Weston, Inc.  
**Author(s):** Roy F. Weston, Inc.  
**Recipient:** U.S. Corps Of Engineers, Tulsa District  
**Date:** September, 1993  
**Bate Stamp:** 006420 - 006639

**Note:** 006640 - 006666 Used in Volume 5 of 1989, J.

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**1993**

- P. Title: Final Workplan - Remedial Investigation (RI) Site Health & Safety Plan**  
**Group(s): 1 (Partial)**  
**Site(s): LHAAP-1 Inert Burning Grounds**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Roy F. Weston, Inc.**  
**Author(s): Roy F. Weston, Inc.**  
**Recipient: U.S. Army Corps of Engineers, Tulsa District**  
**Date: September, 1993**  
**Bate Stamp: 006667 - 006882**
- Q. Title: Final Workplan - Remedial Investigation (RI) Chemical Data Acquisition Plan  
Addendum For LHAAP-1**  
**Group(s): 1 (Partial)**  
**Site(s): LHAAP-1 Inert Burning Ground**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Roy F. Weston, Inc.**  
**Author(s): Roy F. Weston, Inc.**  
**Recipient: U.S. Army Corps of Engineers, Tulsa District**  
**Date: September, 1993**  
**Bate Stamp: 006883 - 007207**
- R. Title: Final Workplan - Remedial Investigation / Feasibility Study (RI / FS)  
Final Work Plan Addendum**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Roy F. Weston, Inc.**  
**Author(s): Roy F. Weston, Inc.**  
**Recipient: U.S. Army, Longhorn Army Ammunition Plant**  
**Date: September, 1993**  
**Bate Stamp: 007208 - 007246**
- S. Title: Letter - Subject: Approval Of Final Work Plan For Additional Investigation At Unlined  
Evaporation Pond / Burning Ground No. 3**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lisa Marie Price, Environmental Protection Agency**  
**Recipient: Lynn Muckelrath, Longhorn Army Ammunition Plant**

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1993

Date: September 9, 1993  
Bate Stamp: 007247

- T. Title: Letter - Subject: Approval Of Final Work Plan For Additional Investigation At Unlined Evaporation Pond / Burning Ground No. 3  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Texas Water Commission  
Author(s): Michael A. Moore, Superfund Investigation Section  
Recipient: Lynn Muckelrath, Longhorn Army Ammunition Plant  
Date: September 13, 1993  
Bate Stamp: 007248 - 007250
- U. Title: Meeting Agenda - LHAAP Technical Review Committee Meeting, March 10, 1994  
Attach(s): Attendance List  
Summary Of Events During Phase I Sumps Investigation  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: U.S. Army  
Author(s): U.S. Army Corps of Engineers, Tulsa District  
Recipient: Meeting Participants  
Date: September 14, 1993  
Bate Stamp: 007251 - 007253
- V. Title: Letter - Subject: Final Work Plan For Additional Investigation At Unlined Evaporation Pond / Burning Ground No. 3  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Lisa Marie Price, Environmental Protection Agency  
Date: October 6, 1993  
Bate Stamp: 007254 - 007275
- W. Title: Public Notice - Finding Of No Significant Impact - Environmental Assessment For The Proposed Treatment Area For Burning Ground No. 3 Longhorn Army Ammunition

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1993

**Plant**  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Thiokol Corporation  
**Author(s):** William A. Sniffen, Environmental Engineer  
**Recipient:** U.S. Public  
**Date:** December, 1993  
**Bate Stamp:** 007276 - 007287

X. **Title:** Letter - Subject: Meeting, LHAAP, for Technical Review Committee - December 8, 1993  
**Attach(s):** Meeting Agenda  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** December 1, 1993  
**Bate Stamp:** 007288 - 007289

Y. **Title:** Letter - Draft Revised Schedule Federal Facility Agreement  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** December 2, 1993  
**Bate Stamp:** 007290 - 007313

Z. **Title:** Meeting Agenda - LHAAP Technical Review Committee Meeting, December 8, 1993  
**Attach(s):** Attendance List  
Overhead Slide - RI Phase I Accomplishment  
Overhead Slide - Environmental Activities Since 16 Nov 93  
Overhead Slide - Phase I RI at Area LHAAP-1A  
Overhead Slide - Preliminary results from RMIS 35 (Sumps) RI



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**1993**

**Overhead Slide - Phase I IRA at Burning Ground #3 & UEP**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army**  
**Author(s): U.S. Army Corps of Engineers, Tulsa District**  
**Recipient: Meeting Participants**  
**Date: December 8, 1993**  
**Bate Stamp: 007314 - 007322**

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**1993**

- A. Title: Letter - Subject: Draft Pilot Study Work Plan For Unlined Evaporation Pond At Burning Ground No. 3**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army Corps Of Engineers, Tulsa District**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Ms. Lisa Marie Price, Environmental Protection Agency**  
**Date: December 13, 1993**  
**Bate Stamp: 007323**
- B. Title: Letter - Subject: EPA=s Comments On Draft Field Summary Report For Group No. 1**  
**Group(s): 1**  
**Site(s): LHAAP-1 Inert Burning Grounds**  
**LHAAP-11 Suspected TNT Burial Site At Avenues P & Q**  
**LHAAP-27 South Test Area**  
**LHAAP-XX Ground Signal Test Area**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Environmental Protection Agency**  
**Recipient: Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Author(s): Lisa Marie Price, Environmental Protection Agency**  
**Date: December 15, 1993**  
**Bate Stamp: 007324 - 007326**
- C. Title: Letter - Subject: EPA=s Comments To Draft Pilot Study Work Plan For Unlined Evaporation Pond At Burning Ground No. 3**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army Corps Of Engineers, Tulsa District**  
**Author(s): Ms. Lisa Marie Price, Environmental Protection Agency**  
**Recipient: Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Date: December 28, 1993**  
**Bate Stamp: 007327 - 007334**

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**1994**

- A. Title:** Final Workplan - Phase II Pilot Study For Interim Remedial Action (IRA) For Burning Ground 3 & The Unlined Evaporation Pond  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers, Tulsa District  
**Author(s):** U.S. Army Corps Of Engineers, Tulsa District  
**Recipient:** U.S. Army, Longhorn Army Ammunition Plant  
**Date:** January, 1994  
**Bate Stamp:** 007335 - 007473
- B. Title:** Letter - Subject: TWC=s Comments On Draft Field Summary Report For Group No. 1  
**Group(s):** 1  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area  
LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Michael A. Moore, Superfund Investigation Section  
**Recipient:** Lynn Muckelrath, Longhorn Army Ammunition Plant  
**Date:** January 11, 1994  
**Bate Stamp:** 007474 - 007478
- C. Title:** Letter - Subject: Draft Final Interim Risk Assessment For Unlined Evaporation Pond / Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Lisa Marie Price, Environmental Protection Agency  
**Date:** January 19, 1994  
**Bate Stamp:** 007479
- D. Title:** Letter - Subject: EPA=s Comments On Draft Revised Schedule  
**Group(s):** 1,2,&3  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill

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**1994**

LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa M. Price, Environmental Protection Agency  
**Recipient:** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Date:** January 19, 1994  
**Bate Stamp:** 007480 - 007482

- E. Title:** Letter - Subject: Final Pilot Study Work Plan For Unlined Evaporation Pond At Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers, Tulsa District  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** January 25, 1994  
**Bate Stamp:** 007483
- F. Title:** Letter - Subject: Submission Of Document Statistical Methods Used For Calculation Of Background Levels  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa M. Price, Environmental Protection Agency  
**Recipient:** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Date:** January 27, 1994  
**Bate Stamp:** 007484
- G. Title:** Letter - Subject: TWC <s Comments On Pilot Study Work Plan For Unlined Evaporation Pond At Burning Ground No. 3

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**1994**

**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers, Tulsa District  
**Author(s):** Michael A. Moore, Texas Water Commission  
**Recipient:** Lynn Muckelrath, Longhorn Army Ammunition Plant  
**Date:** February 2, 1994  
**Bate Stamp:** 007485 - 007486

**H. Title:** Final Report - Phase I Interim Remedial Action Stabilization Treatment Study  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Recra Environmental, Inc.  
**Author(s):** Recra Environmental, Inc.  
**Recipient:** AWD Laboratories, Inc.  
**Date:** February 4, 1994  
**Bate Stamp:** 007487 - 007563

**I. Title:** Final Report - Carbon Adsorption And Ion Exchange Treatability Study  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** AWD Technologies, Inc., Rockville, Md.  
**Author(s):** AWD Technologies, Inc., Rockville, Md.  
**Recipient:** U.S. Army Corps of Engineers, Tulsa District  
**Date:** February 7, 1994  
**Bate Stamp:** 007564 - 007842

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**1994**

- J.** Title: Final Report - Ultrox Technology (O3, H2O2, & UV Light) Treatability Study  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Company: Ultrox, Division of Zimpro Environmental, Inc.  
Author(s): William, S. Himebaugh  
Recipient: AWD Technologies, Rockville, Md.  
Date: February 8, 1994  
Bate Stamp: 007843 - 007869
- K.** Title: Draft Report - Phase I Interim Remedial Action  
Evaluation Of Thermal Treatment Of On-Site Contaminated Soils And Buried Waste  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Company: AWD Technologies, Inc.  
Author(s): AWD Technologies, Inc.  
Recipient: U.S. Army Corps Of Engineers, Tulsa District  
Date: February 9, 1994  
Bate Stamp: 007870 - 007896
- L.** Title: Letter - Subject: Physical, Surveying And Other Field Data  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Company: AWD Technologies, Inc.  
Author(s): Amine Bou Onk, P.E. Project Manager  
Recipient: Mr. Clif B. Warren, P.E. Resident Officer, U.S. Army Corps Of Engineers  
Date: February 17, 1994  
Bate Stamp: 007897 - 007985
- M.** Title: Letter - Subject: Meeting, LHAAP, for Technical Review Committee - March 10, 1994  
Attach(s): Meeting Agenda  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Ms. Lisa M. Price, Environmental Protection Agency  
Date: February 22, 1994  
Bate Stamp: 007986

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- N.**    **Title:**        **Letter - Subject: Phase I Field Investigation Summary Report For Group No. 2**  
          **Group(s):**    **2**  
          **Site(s):**     **LHAAP-12 Active Landfill**  
                      **LHAAP-16 Old Landfill**  
                      **LHAAP-17 No. 2 Flashing Area / Burning Ground**  
                      **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
                      **LHAAP-29 Former TNT Production Area**  
                      **LHAAP-32 Formal TNT Waste Disposal Plant**  
**Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**     **Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s):**    **Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient:**   **Lisa Marie Price, Environmental Protection Agency**  
**Date:**         **February 22, 1994**  
**Bate Stamp:**  **007987**
- O.**    **Title:**        **Final Report - Phase I TerraMet Metals Extraction Treatability Study**  
          **Group(s):**    **Early Interim Action At Burning Ground No. 3**  
          **Site(s):**     **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company:**     **Cognis, Inc.**  
**Author(s):**    **Cognis, Inc.**  
**Recipient:**   **AWD Laboratories, Inc.**  
**Date:**         **February 22, 1994**  
**Bate Stamp:**  **007988 - 007998**
- P.**    **Title:**        **Draft Report - Treatability Verification Of Air Stripping On Contaminated Ground**  
                      **Water**  
          **Group(s):**    **Early Interim Action At Burning Ground No. 3**  
          **Site(s):**     **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company:**     **IC Technologies, Inc.**  
**Author(s):**    **John E. Litz**  
**Recipient:**   **AWD Technologies, Inc.**  
**Date:**         **February 24, 1994**  
**Bate Stamp:**  **007999 - 008022**
- Q.**    **Title:**        **Letter - Subject: EPA=s Request For Extension To Submission Of Comments On Several**  
                      **Documents**  
          **Group(s):**    **2, 3, Early Interim Action At Burning Ground No. 3,**  
          **Site(s):**     **LHAAP-12 Active Landfill**  
                      **LHAAP-16 Old Landfill**

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**LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant  
LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads**

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Environmental Protection Agency  
**Recipient:** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Lynn Muckelrath, Longhorn Army Ammunition Plant  
**Date:** March 4, 1994  
**Bate Stamp:** 008023 - 008024

**R. Title:** Meeting Agenda - LHAAP Technical Review Committee Meeting, March 10, 1994

**Attach(s):** Attendance List  
Overhead Slide - IR Accomplishment Since Dec 93  
Overhead Slide - IR Activities in the Next 3 Months

**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army  
**Author(s):** U.S. Army Corps of Engineers, Tulsa District  
**Recipient:** Meeting Participants  
**Date:** March 10, 1994  
**Bate Stamp:** 008025 - 008029

**S. Title:** Letter - Subject: EPA=s Comments On Draft Interim Risk Assessment For Unlined Evaporation Pond / Burning Ground No. 3

**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Environmental Protection Agency  
**Recipient:** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Lynn Muckelrath, Longhorn Army Ammunition Plant  
**Date:** March 22, 1994  
**Bate Stamp:** 008030 - 008051

**T. Title:** Letter - Subject: EPA=s Comments On Statistical Methods Used For Calculation Of



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**Background Levels**

**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa M. Price, Environmental Protection Agency  
**Recipient:** Mr. David Tolbert, Longhorn Army Ammunition Plant  
**Date:** April 12, 1994  
**Bate Stamp:** 008052 - 008053

**U. Title:** Letter - Subject: Draft DERPMIS Resolution Document  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** April 14, 1994  
**Bate Stamp:** 008054

**V. Title:** Letter - Subject: EPA=s Comments On Draft Phase I Investigation For 125 Waste Rack Sumps And 20 Waste Rack Sum,ps  
**Group(s):** 3  
**Site(s):** LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Environmental Protection Agency  
**Recipient:** David Tolbert, Longhorn Army Ammunition Plant  
**Date:** April 19, 1994  
**Bate Stamp:** 008055 - 008057

**W. Title:** Letter - Subject: EPS=s Comments On Draft Field Investigation Summary For group #2  
**Group(s):** 2  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area

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**LHAAP-32 Formal TNT Waste Disposal Plant**  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lisa Marie Price, Environmental Protection Agency  
**Recipient:** David Tolbert, U.S. Army, LHAAP  
**Date:** April 19, 1994  
**Bate Stamp:** 008058 - 008061

- X. **Title:** Memorandum - Subject: EPA=s Comments On Interim Risk Assessment For Unlined Evaporation Pond / Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Allison Jenkins Toxicologist, Superfund Investigation Section  
**Recipient:** Michael A. Moore, Superfund Investigation Section  
**Date:** April 19, 1994  
**Bate Stamp:** 008062
- Y. **Title:** Letter - Subject: Revised Schedule For Groups #4 IRAs At Unlined Evaporation Pond / Burning Ground #3 And Landfills  
**Attach(s):** Schedule  
**Group(s):** 4, Early Interim Action At Burning Ground # 3  
**Site(s):** LHAAP - 12 Active Landfill  
LHAAP - 16 Area 54 Burial Ground  
LHAAP - 18 & LHAAP - 24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** April 21, 1994  
**Bate Stamp:** 008063 - 008066
- Z. **Title:** Letter - Subject: Revised Schedule For Groups #4 IRAs At Unlined Evaporation Pond / Burning Ground #3 And Landfills  
**Attach(s):** Schedule  
**Group(s):** 1,2,& 3  
**Site(s):** LHAAP-1 Inert Burning Grounds

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**LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Ms. Lisa M. Price, Environmental Protection Agency  
Date: April 21, 1994  
Bate Stamp: 008067 - 008070**

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- A. Title: Letter - Subject: Draft Field Investigation Summary For Site 1A  
Group(s): 1  
Site(s): LHAAP-1 Inert Burning Grounds  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Lisa Marie Price, Environmental Protection Agency  
Date: May 11, 1994  
Bate Stamp: 008071
- B. Title: Letter - Subject: EPA=s Comments On Draft DERMIS Resolution Document  
Attach(s): Comments  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Environmental Protection Agency  
Author(s): Ms. Lisa M. Price, Environmental Protection Agency  
Recipient: Mr. David Tolbert, Longhorn Army Ammunition Plant  
Date: May 17, 1994  
Bate Stamp: 008072 - 008074
- C. Title: Letter - Subject: EPA=s Response To Separate Schedules For Groups #,2,3 and For Group # 4 IRAs At Unlined Evaporation Pond / Burning Ground #3 And Landfills  
Group(s): 1,2,3 And 4  
Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old & Active Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area,  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
LHAAP-35 Process Wastewater Sumps  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Environmental Protection Agency  
Author(s): Ms. Lisa M. Price, Environmental Protection Agency  
Recipient: Mr. David Tolbert, Longhorn Army Ammunition Plant

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**Date:** May 23, 1994  
**Bate Stamp:** 008075 - 008076

**D. Title:** Letter - Subject: DERMIS List / RMIS Cross-Reference Table  
**Attach(s):** Comments  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** May 31, 1994  
**Bate Stamp:** 008077 - 008080

**E. Title:** Conference Call - Contact: Kathleen Buci, Major John German, Joe Kang  
Subject: Ask AEC Legal Whether Or Not EPA Should Get Two Separate Packages; One For FFA And The Other For Planning Purpose Only  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** W. C. Nathan  
**Recipient:** File  
**Date:** June 1, 1994  
**Bate Stamp:** 008081

**F. Title:** Final Report - Biotreatability Study  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Bioscience, Inc.  
**Author(s):** Bioscience, Inc.  
**Recipient:** AWD Laboratories, Inc.  
**Date:** June 3, 1994  
**Bate Stamp:** 008082 - 008130

**G. Title:** Letter - Subject: Draft Initial Screening Of Alternatives  
**Group(s):** 1,2,&3  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill

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**LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burning Ground  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Ms. Lisa Marie Price, Environmental Protection Agency  
Date: June 6, 1994  
Bate Stamp: 008131**

**H. Title: Letter - Subject: EPA=s Comments On Monitoring Well Survey At Unlined Evaporation Pond At Burning Ground No. 3**

**Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lisa Marie Price, Environmental Protection Agency  
Recipient: David Tolbert, Longhorn Army Ammunition Plant  
Date: June 7 1994  
Bate Stamp: 008132 - 008133**

**I. Title: Letter - Subject: EPA=s Comments On Draft Field Investigation Summary For Site 1A**

**Group(s): 1  
Site(s): LHAAP-1 Inert Burning Grounds  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Environmental Protection Agency  
Author(s): Lisa Marie Price, Environmental Protection Agency  
Recipient: David Tolbert, Longhorn Army Ammunition Plant  
Date: June 8, 1994  
Bate Stamp: 008134 - 008135**

**J. Title: Letter - Subject: Meeting, LHAAP, for Technical Review Committee - June 22, 1994**

**Attach(s): Meeting Agenda  
Group(s): All**

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**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** June 13, 1994  
**Bate Stamp:** 008136 - 008137

**K. Title:** Letter - Subject: EPA=s Comments On Draft DERMIS Resolution Document  
**Attach(s):** Comments  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa M. Price, Environmental Protection Agency  
**Recipient:** Mr. David Tolbert, Longhorn Army Ammunition Plant  
**Date:** June 14, 1994  
**Bate Stamp:** 008138 - 008144

**L. Title:** Letter - Subject: Draft Remedial Design Investigations Work Plan For Landfills  
**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers, Tulsa District  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** June 16, 1994  
**Bate Stamp:** 008145

**M. Title:** Meeting Agenda - LHAAP Technical Review Committee Meeting, June 22, 1994  
**Attach(s):** Status Report - LHAAP Environmental Projects Status (as of June 17, 1994)  
Status Report - Regulators= Milestones Status Update  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army  
**Author(s):** U.S. Army Corps of Engineers, Tulsa District  
**Recipient:** Meeting Participants  
**Date:** June 22, 1994  
**Bate Stamp:** 008146 - 008170

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**1994**

- N. Title: Letter - Subject: Draft Work Plan And Chemical Acquisition Plan Addendum For Phase II Group #1**  
**Group(s): 1**  
**Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-54 Or LHAAP-XX Ground Signal Test Area**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Ms. Lisa Marie Price, Environmental Protection Agency**  
**Date: June 28, 1994**  
**Bate Stamp: 008171**
- O. Title: Letter - Subject: Draft Work Plan For Soil And Ground Water Background Concentration Study**  
**Group(s): 1**  
**Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area  
LHAAP-XX Ground Signal Test Area**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Lisa Marie Price, Environmental Protection Agency**  
**Date: June 29, 1994**  
**Bate Stamp: 008172**
- P. Title: Final Report - Biotreatability Report**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Bioscience, Inc.**  
**Author(s): Bioscience, Inc.**  
**Recipient: AWD Laboratories, Inc.**  
**Date: July 1, 1994**  
**Bate Stamp: 008173 - 008366**
- Q. Title: Letter - Subject: Natural Resource Trustee Responsibilities**  
**Attach(s): Letter - From Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Group(s): All**  
**Site(s): General**



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**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa M. Price, Environmental Protection Agency  
**Recipient:** Mr. David Tolbert, Longhorn Army Ammunition Plant  
**Date:** July 11, 1994  
**Bate Stamp:** 008367 - 008371

**R. Title:** Letter - Subject: EPA=s Comments On Draft Remedial Design Investigations Work Plan For Landfills  
**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps Of Engineers, Tulsa District  
**Author(s):** Ms. Lisa Marie Price, Environmental Protection Agency  
**Recipient:** David Tolbert, Longhorn Army Ammunition Plant  
**Date:** July 13, 1994  
**Bate Stamp:** 008372 - 008374

**S. Title:** Letter - Subject: Request For Extension On Submission Of Draft RI / FS For Sites No. 13 & 14 And Proposed Plan For IRA At Unlined Evaporation Pond / Burning Ground # 3  
**Group(s):** 3  
**Site(s):** LHAAP-13 Suspected TNT Burial Site Between Active And Old Landfills  
LHAAP-14 Area 54 Burial Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** July 27, 1994  
**Bate Stamp:** 008375 - 008377

**T. Title:** Letter - Subject: Draft Proposed Plan For Interim Remedial Action At Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas

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**Agency:** Department of the Army  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** July 29, 1994  
**Bate Stamp:** 008378

**U. Title:** Letter - Subject: EPA=s Comments And Conditional Approval Of Draft Work Plan For Soil And Ground Water Background Concentration Study  
**Attach(s):** Comments  
**Group(s):** 1  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Environmental Protection Agency  
**Recipient:** David Tolbert, Longhorn Army Ammunition Plant  
**Date:** July 29, 1994  
**Bate Stamp:** 008379 - 008381

**V. Title:** Letter - Subject: EPA=s Comments And Conditional Approval Of Draft Work Plan Addendum For Phase II Group #1 Sites 11,1,xx,27 ( Group #1)  
**Attach(s):** Comments  
**Group(s):** 1  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Lisa Marie Price, Environmental Protection Agency  
**Recipient:** David Tolbert, Longhorn Army Ammunition Plant  
**Date:** July 29, 1994  
**Bate Stamp:** 008382 - 008384

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**1994**

- W. Title: Letter - Subject: EPA=s Comments On Chemical Data Acquisition Plan Addendum For The RI Sites 11,1,xx,27 ( Group #1)**  
**Attach(s): Comments**  
**Group(s): 1**  
**Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Environmental Protection Agency**  
**Author(s): Lisa Marie Price, Environmental Protection Agency**  
**Recipient: David Tolbert, Longhorn Army Ammunition Plant**  
**Date: July 29, 1994**  
**Bate Stamp: 008385 - 008388**
- X. Title: Final Workplan Addendum - Phase I Investigation Of 125 Waste Process Sumps And 20 Waste Rack Sumps for Remedial Investigation (RI) Soil and Groundwater Background Concentration Study**  
**Group(s): 4**  
**Site(s): LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army Corps Of Engineers, Tulsa District**  
**Author(s): U.S. Army Corps Of Engineers, Tulsa District**  
**Recipient: U.S. Army, Longhorn Army Ammunition Plant**  
**Date: August, 1994**  
**Bate Stamp: 008389 - 008409**
- Y. Title: Final Workplan - Phase II Investigations Of 125 Waste Process Sumps and 20 Waste Rack Sumps for Remedial Investigation (RI)**  
**Group(s): 4**  
**Site(s): LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army Corps Of Engineers, Tulsa District**  
**Author(s): U.S. Army Corps Of Engineers, Tulsa District**  
**Recipient: U.S. Army, Longhorn Army Ammunition Plant**  
**Date: August, 1994**  
**Bate Stamp: 008410 - 008593**

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**1994**

**Z. Title: Final Workplan - Phase II Workplan Addendum For Remedial Investigation (RI)**  
**Group(s): 1**  
**Site(s): LHAAP-1 Inert Burning Ground**  
**LHAAP-11 Suspected TNT Burial Site At Avenues P & Q**  
**LHAAP-27 South Test Area**  
**LHAAP-54 Or LHAAP-XX Ground Signal Test Area**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Sverdrup Environmental, Inc.**  
**Author(s): Sverdrup Environmental, Inc.**  
**Recipient: U.S. Corps Of Engineers, Tulsa District**  
**Date: August, 1994**  
**Bate Stamp: 008594 - 008663**

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**1994**

- A. **Title:** Final Workplan - Phase II A-E Field Workplan For Remedial Investigation (RI)  
**Group(s):** 1  
**Site(s):** LHAAP-1 Inert Burning Ground  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area  
LHAAP-54 Or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Sverdrup Environmental, Inc.  
**Author(s):** Sverdrup Environmental, Inc.  
**Recipient:** U.S. Corps Of Engineers, Tulsa District  
**Date:** August, 1994  
**Bate Stamp:** 008664 - 008685
- B. **Title:** Final Workplan - Phase II A-E Site Safety & Health Plan For The Remedial Investigation (RI)  
**Group(s):** 1  
**Site(s):** LHAAP-1 Inert Burning Ground  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Sverdrup Environmental, Inc.  
**Author(s):** Sverdrup Environmental, Inc.  
**Recipient:** U.S. Corps Of Engineers, Tulsa District  
**Date:** August, 1994  
**Bate Stamp:** 008686 - 008814
- C. **Title:** Final Workplan - Phase II A-E Chemical Data Acquisition Plan For Remedial Investigation (RI)  
**Group(s):** 1  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area                      LHAAP-54 Or LHAAP - XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Sverdrup Environmental, Inc.  
**Author(s):** Sverdrup Environmental, Inc.  
**Recipient:** Longhorn Army Ammunition Plant, Karnack, Texas  
**Date:** August, 1994  
**Bate Stamp:** 008815 - 009002

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**1994**

- D. Title: Final Workplan - Phase II A-E Chemical Data Acquisition Plan For Remedial Investigation (RI Addendum)**  
**Group(s): 1**  
**Site(s): LHAAP-1 Inert Burning Grounds**  
**LHAAP-11 Suspected TNT Burial Site At Avenues P & Q**  
**LHAAP-27 South Test Area LHAAP-54 Or LHAAP - XX Ground Signal Test Area**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: Sverdrup Environmental, Inc.**  
**Author(s): Sverdrup Environmental, Inc.**  
**Recipient: Longhorn Army Ammunition Plant, Karnack, Texas**  
**Date: August, 1994**  
**Bate Stamp: 009003 - 009250**
- E. Title: Final Work Plan - Landfill Caps for Remedial Design Investigations**  
**Group(s): Landfill Caps Interim Action**  
**Site(s): LHAAP-12 Active Landfill**  
**LHAAP-16 Old Landfill**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: U.S. Army Corps Of Engineers, Tulsa District**  
**Author(s): U.S. Army Corps Of Engineers, Tulsa District**  
**Recipient: U.S. Army, Longhorn Army Ammunition Plant**  
**Date: August, 1994**  
**Bate Stamp: 009251 - 009302**
- F. Title: Letter - Subject: Draft RI / FS For Sites No. 13 & 14**  
**Group(s): 3**  
**Site(s): LHAAP-13 Suspected TNT Burial Site Between Active And Old Landfills**  
**LHAAP-14 Area 54 Burial Ground**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Ms. Lisa Marie Price, Environmental Protection Agency**  
**Date: August 1, 1994**  
**Bate Stamp: 009303**
- G. Title: Letter - Subject: Letter Of Intent For Application Of Technical Assistance Grant**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Uncertain Audubon Society**

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**1994**

**Author(s): Ruth Culver**  
**Recipient: Ms. Lisa M. Price, Environmental Protection Agency**  
**Date: August 5, 1994**  
**Bate Stamp: 009304 - 009305**

**H. Title: Letter - Subject: EPA=s Comments On Draft Phase II Work Plan For Sumps**  
**Group(s): 4**  
**Site(s): LHAAP-35 Process Wastewater Sumps - Various**  
**LHAAP-36 Explosive Waste Pads**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Environmental Protection Agency**  
**Author(s): Lisa Marie Price, Environmental Protection Agency**  
**Recipient: David Tolbert, Longhorn Army Ammunition Plant**  
**Date: August 10, 1994**  
**Bate Stamp: 009306 - 009326**

**I. Title: Letter - Subject: Final Remedial Design Investigations Work Plan For Landfills**  
**Group(s): Interim Remedial Action**  
**Site(s): LHAAP-12 Active Landfill**  
**LHAAP-16 Old Landfill**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Lisa Marie Price, Environmental Protection Agency**  
**Date: August 16, 1994**  
**Bate Stamp: 009327**

**J. Title: Letter - Subject: Final Deadlines For Primary And Secondary Document**  
**Attach(s): Document - Primary and Secondary Document Of The Installation Restoration Program**  
**Group(s): All**  
**Site(s): General**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Mr. Michael Moore Texas National Resource Conservation Commission**  
**Ms. Lisa Marie Price, Environmental Protection Agency**  
**Date: August 16, 1994**  
**Bate Stamp: 009328 - 009342**

**K. Title: Letter - Subject: Draft Proposed Plan For Interim Remedial Action At Burning**

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**Ground No. 3 - Comments Offered After Review**

**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Natural Resource Conservation Commission (TNRCC)  
**Author(s):** Michael A. Moore, Texas Water Commission  
**Recipient:** Mr. Dave Tolbert, U.S. Army, Longhorn Army Ammunition Plant  
**Date:** August 16, 1994  
**Bate Stamp:** 009343 - 009347

**L. Title:** Letter - Subject: Final Phase II Workplan For 125 Waste Rack Sumps And 20 Waste Rack Sumps

**Group(s):** 4  
**Site(s):** LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Lisa Marie Price, Environmental Protection Agency  
**Date:** August 26, 1994  
**Bate Stamp:** 009348



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**1994**

**M. Title: Final Analytical Data - Interim Remedial Action (RFI) Burning Ground 3 & Unlined Evaporation Pond  
Volume 1 of 4 - Chemical Data QA / QC Validation Summary Reports**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: AWD Technologies, Inc.**  
**Author(s): AWD Technologies, Inc.**  
**Recipient: U.S. Army Corps Of Engineers, Tulsa District**  
**Date: September 6, 1994**  
**Bate Stamp: 009349 - 009724**

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**1994**

**N. Title: Final Analytical Data - Interim Remedial Action (RFI) Burning Ground 3 & Unlined Evaporation Pond  
Volume 2 of 4 - Chemical Data QA / QC Validation Summary Reports**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: AWD Technologies, Inc.**  
**Author(s): AWD Technologies, Inc.**  
**Recipient: U.S. Army Corps Of Engineers, Tulsa District**  
**Date: September 6, 1994**  
**Bate Stamp: 009725 - 010284**

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**1994**

**O. Title: Final Analytical Data - Interim Remedial Action (RFI) Burning Ground 3 & Unlined Evaporation Pond  
Volume 3 of 4 - Chemical Data QA / QC Validation Summary Reports**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: AWD Technologies, Inc.**  
**Author(s): AWD Technologies, Inc.**  
**Recipient: U.S. Army Corps Of Engineers, Tulsa District**  
**Date: September 6, 1994**  
**Bate Stamp: 010285 - 010908**

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**1994**

**P. Title: Final Analytical Data - Interim Remedial Action (RFI) Burning Ground 3 & Unlined Evaporation Pond  
Volume 4 of 4 - Chemical Data QA / QC Validation Summary Reports**  
**Group(s): Early Interim Action At Burning Ground No. 3**  
**Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Company: AWD Technologies, Inc.**  
**Author(s): AWD Technologies, Inc.**  
**Recipient: U.S. Army Corps Of Engineers, Tulsa District**  
**Date: September 6, 1994**  
**Bate Stamp: 010909 - 011465**

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**1994**

- Q. Title:** Brochure - Overview Of The Installation Restoration Program At Longhorn Army Ammunition Plant  
**Group(s):** 1, 2, and 3  
**Site(s):** LHAAP-1 Inert Burning Ground  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-13 Suspected TNT Burial Site Between Old And Active Landfill  
LHAAP-14 Area 54 Burial Ground  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Waste Disposal Plant  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army Commander  
**Recipient:** U.S. Public  
**Date:** September 11, 1994  
**Bate Stamp:** 011466 - 011496
- R. Title:** Fact Sheet - Longhorn Army Ammunition Plant Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U. S. Army Corps Of Engineers  
**Author(s):** Mr. David Tolbert, Environmental Protection Specialist.  
**Recipient:** U.S. Public  
**Date:** September 11, 1994  
**Bate Stamp:** 011497 - 011504
- S. Title:** Proposed Plan Of Action - Longhorn Army Ammunition Plant Burning Ground No. 3  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U. S. Army Corps Of Engineers  
**Author(s):** Mr. David Tolbert, Environmental Protection Specialist.  
**Recipient:** U.S. Public  
**Date:** September 11, 1994

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**1994**

**Bate Stamp: 011505 - 011537**

- T. Title: Letter - Subject: Final Chemical Data Acquisition Plan Addendum For The RI Sites 11, 1, xx, 27 ( Group #1)**  
**Group(s): 1**  
**Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Lisa Marie Price, Environmental Protection Agency**  
**Date: September 12, 1994**  
**Bate Stamp: 011538**
- U. Title: Letter - Subject: Final Phase II Workplan For 125 Waste Rack Sumps And 20 Waste Rack Sumps**  
**Group(s): 4**  
**Site(s): LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Lisa Marie Price, Environmental Protection Agency**  
**Date: September 12, 1994**  
**Bate Stamp: 011539**
- V. Title: Letter - Subject:EPA's Comments On Draft RI / FS For Sites No. 13 & 14**  
**Group(s): 3**  
**Site(s): LHAAP-13 Suspected TNT Burial Site Between Active And Old Landfills  
LHAAP-14 Area 54 Burial Ground**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Environmental Protection Agency**  
**Author(s): Lisa Marie Price, Environmental Protection Agency**  
**Recipient: David Tolbert, Longhorn Army Ammunition Plant**  
**Date: September 12, 1994**  
**Bate Stamp: 011540 - 011545**
- W. Title: Public Notice - Longhorn Army Ammunition Plant Notice Of Public Meeting On Proposed Treatment Area For Burning Ground No. 3 Longhorn Army Ammunition**

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- Plant**  
**Notice Published In News Messenger**
- Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Karnack High School  
**Agency:** U. S. Army Corps Of Engineers  
**Author(s):** U. S. Army Corps Of Engineers  
**Recipient:** U.S. Public  
**Date:** September 15, 1994  
**Bate Stamp:** 011546 - 011553
- X. **Title:** Letter - Subject: TNRCC=s Comments On Draft RI / FS For Sites No. 13 & 14  
**Group(s):** 3  
**Site(s):** LHAAP-13 Suspected TNT Burial Site Between Active And Old Landfills  
LHAAP-14 Area 54 Burial Ground  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Michael A. Moore, Superfund Investigation Section  
**Recipient:** David Tolbert, Longhorn Army Ammunition Plant  
**Date:** September 19, 1994  
**Bate Stamp:** 011554 - 011557
- Y. **Title:** Letter - Subject: TNRCC=s Approval Of Work Plan Addendum For Soil And Ground water Background Concentration Study  
**Group(s):** 1,2, And 4  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area /Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Plant  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
LHAAP-35 Process Wastewater Sumps  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa M. Price, Environmental Protection Agency  
**Recipient:** Mr. David Tolbert, Longhorn Army Ammunition Plant

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**1994**

**Date: September 20, 1994  
Bate Stamp: 011558 - 011560**

**Z. Title: Letter - Subject: TNRCC=s Approval Of Work Plan Addendum For Soil And Ground  
Water Background Concentration Study**

**Group(s): 4**

**Site(s): LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: Texas Water Commission**

**Author(s): Mr Michael Moore, Superfund Investigation Section Pollution Cleanup Division**

**Recipient: Mr David Tolbert, Longhorn Army Ammunition Plant**

**Date: September 20, 1994**

**Bate Stamp: 011561**



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**1994**

- A. Title:** Letter - Subject: EPA=s Comments On Schedule  
**Group(s):** 1, 2 & 4  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site At Avenues P & Q  
LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 Burning Ground No. 2 / Flashing Area  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
  
LHAAP-27 South Test Area  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Disposal Area  
LHAAP-35 Process Wastewater Sumps  
LHAAP-54 & LHAAP-XX Ground Signal Test Area  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa Marie Price, Environmental Protection Agency  
**Recipient:** Mr David Tolbert, Longhorn Army Ammunition Plant  
**Date:** September 20, 1994  
**Bate Stamp:** 011562 - 011564
- B. Title:** Newspaper Article - Explosive Issue, Army, environmentalists debate cleanup of munitions plant  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** The Dallas Morning News  
**Author(s):** Randy Lee Loftis  
**Recipient:** U.S. Public  
**Date:** September 26, 1994  
**Bate Stamp:** 011565 - 011566
- C. Title:** Letter - Subject: TNRCC=s Comments On Interim Risk Assessment For Burning Ground No. 3 and Unlined Evaporation Pond (Sites 18 & 24)  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Mr Michael Moore, Superfund Investigation Section Pollution Cleanup Division  
**Recipient:** Mr David Tolbert, Longhorn Army Ammunition Plant

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**1994**

**Date:** September 27, 1994  
**Bate Stamp:** 011567

- D. Title:** Letter - Subject: TNRCC=s Comments On Draft Field Investigation Summary Report For Group No. 2 Sites
- Group(s):** 2
- Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant
- Location:** Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:** Texas Water Commission
- Author(s):** Michael A. Moore, Superfund Investigation Section
- Recipient:** David Tolbert, Longhorn Army Ammunition Plant
- Date:** October 5, 1994
- Bate Stamp:** 011568 - 011570
- 
- E. Title:** Letter - Subject: Army Requested Establishment Of Effluent Standards For Treated Ground Water From Interim Remedial Action At Burning Ground No. 3
- Group(s):** Early Interim Action At Burning Ground No. 3
- Site(s):** LHAAP-18 & LHAAP-24 Burning ground / Washout Pond & Unlined Evaporation Pond
- Location:** Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:** Department Of The Army, Longhorn Army Ammunition Plant
- Author(s):** Lawrence J. Sowa Lieutenant Colonel, U.S. Army Commanding Officer
- Recipient:** Mr. Michael Moore, Superfund Investigation Section
- Date:** October 6, 1994
- Bate Stamp:** 011571 - 011572
- 
- F. Title:** Letter - Subject: Draft Record Of Decision Document For Interim Remedial Action For Burning Ground No. 3
- Group(s):** Early Interim Action At Burning Ground No. 3
- Site(s):** LHAAP-18 & LHAAP-24 Burning ground / Washout Pond & Unlined Evaporation Pond
- Location:** Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:** Department Of The Army, Longhorn Army Ammunition Plant
- Author(s):** Lawrence J. Sowa Lieutenant Colonel, U.S. Army Commanding Officer
- Recipient:** Ms. Lisa Price, Environmental Protection Agency

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**1994**

**Date: October 13, 1994  
Bate Stamp: 011573**

**G. Title: Letter - Subject: TNRCC=s Comments On Phase I Investigations For 125 Waste Rack Sumps And 20 Waste Rack Sumps, And Approval Of Phase II - Workplans Of 125 Waste Process Sumps And 20 Waste Rack Sumps**

**Group(s): 4**

**Site(s): LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: Texas Water Commission**

**Author(s): Mr Michael Moore, Superfund Investigation Section Pollution Cleanup Division**

**Recipient: Mr David Tolbert, Longhorn Army Ammunition Plant**

**Date: October 17, 1994**

**Bate Stamp: 011574**

**H. Title: Letter - Subject: TNRCC=s Comments On Remedial Design Investigation For Landfills**

**Group(s): 2 (Partial)**

**Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: Texas Water Commission**

**Author(s): Michael A. Moore, Superfund Investigation Section**

**Recipient: Mr. David Tolbert, Longhorn Army Ammunition Plant**

**Date: October 18, 1994**

**Bate Stamp: 011575 - 011576**

**I. Title: Letter - Subject: Draft Phase II Group No. 2 Work Plans**

**Group(s): 2**

**Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: Department Of The Army, Longhorn Army Ammunition Plant**

**Author(s): Lawrence J. Sowa Lieutenant Colonel, U.S. Army Commanding Officer**

**Recipient: Ms. Lisa ?Marie Price, Environmental Protection Agency**

**Date: October 24, 1994**

**Bate Stamp: 011577**

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1994

- J.** Title: Letter - Subject: Request For Clarification Regarding A TNRCC Comment on Draft RI / FS For Sites #13 & #14  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. Michael Moore, Superfund Investigation Section  
Date: October 31, 1994  
Bate Stamp: 011578
- K.** Title: Letter - Subject: Army=s Response To A TNRCC Comment Will Cause Delay In Finalization Of RI / FS For Sites #13 & #14  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Ms. Lisa Marie Price, Environmental Protection Agency  
Date: October 31, 1994  
Bate Stamp: 011579 - 011580
- L.** Title: Letter - Subject: TNRCC=s Response to Army=s Request For Clarification On Comments Regarding RI / FS For Sites #13 & #14  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Texas Water Commission  
Author(s): Mr Michael Moore, Superfund Investigation Section Pollution Cleanup Division  
Recipient: Mr David Tolbert, Longhorn Army Ammunition Plant  
Date: November 1, 1994  
Bate Stamp: 011581 - 011582
- M.** Title: Letter - Subject: Submission Of The Draft Responsiveness Summary of Public Comments On The Longhorn Army Ammunition Plant Burning Ground No. 3  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning ground / Washout Pond & Unlined Evaporation Pond

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**1994**

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa Lieutenant Colonel, U.S. Army Commanding Officer  
**Recipient:** Ms. Lisa Price, Environmental Protection Agency  
**Date:** November 1, 1994  
**Bate Stamp:** 011583

**N. Title:** Letter - Subject: EPA=s Response To Delay In RI / FS For Sites 13 & 14p  
**Group(s):** 3  
**Site(s):** LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa Marie Price, Environmental Protection Agency  
**Recipient:** Mr David Tolbert, Longhorn Army Ammunition Plant  
**Date:** November 3, 1994  
**Bate Stamp:** 011584 - 011585

**O. Title:** Letter - Subject:Draft Proposed Plan For Interim Action At Landfills  
**Group(s):** 2 (Partial)  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa Lieutenant Colonel, U.S. Army Commanding Officer  
**Recipient:** Ms. Lisa Price, Environmental Protection Agency  
**Date:** November 28, 1994  
**Bate Stamp:** 011586

**P. Title:** Letter - Subject:EPA=s Comments On Work Plan For Interim Action At Landfills Phase II Group 2  
**Group(s):** 2 (Partial)  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Environmental Protection Agency  
**Author(s):** Ms. Lisa Price, Environmental Protection Agency  
**Recipient:** Me David Tolbert Longhorn Army Ammunition Plant  
**Date:** November 28, 1994  
**Bate Stamp:** 011587 - 011591

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1994

- Q. Title:** Letter - Subject: TNRCC=s Comments On Work Plan For RI / FS Phase II Group #2  
**Group(s):** 2  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Water Commission  
**Author(s):** Michael A. Moore Superfund Investigation Unit  
**Recipient:** David Tolbert, Project Manager Longhorn Army Ammunition Plant  
**Date:** November 29, 1994  
**Bate Stamp:** 011592 - 011593
- R. Title:** Final Workplan - Phase 2 Workplan For The Remedial Investigation ( RI)  
**Group(s):** 2  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Waste Disposal Plant  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Sverdrup Environmental, Inc.  
**Author(s):** Sverdrup Environmental, Inc.  
**Recipient:** U.S. Army Corps of Engineers, Tulsa District  
**Date:** December, 1994  
**Bate Stamp:** 011594 - 011687

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**1994**

- S. Title:** Final Workplan - Phase 2 - Chemical Data Acquisition Plan For The Remedial Investigation (RI)  
**Group(s):** 2  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Former TNT Waste Disposal Plant  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Company:** Sverdrup Environmental, Inc.  
**Author(s):** Sverdrup Environmental, Inc.  
**Recipient:** U.S. Army Corps of Engineers, Tulsa District  
**Date:** December, 1994  
**Bate Stamp:** 011688 - 012052
- T. Title:** Letter - Subject: Draft Soil Background Concentration Study  
**Group(s):** 3  
**Site(s):** LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa Marie Price, Environmental Protection Agency  
**Date:** December 14, 1994  
**Bate Stamp:** 012053
- U. Title:** Memorandum - Subject: Formula For Calculating Discharge Limits For Chlorides And Sulfates  
**Attach(s):** Comments From Steve Ligon Regarding Formula  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army  
**Author(s):** Texas Natural Resource Conservation Commission  
**Recipient:** Lisa Marie Price, Environmental Protection Agency  
**Date:** December 19, 1994  
**Bate Stamp:** 012054 - 012061
- V. Title:** Letter - Subject: Draft Proposed Plan For Interim Action At Landfills  
**Group(s):** 2 (Partial)

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**1994**

**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas

**Agency:** Department Of The Army, Longhorn Army Ammunition Plant

**Author(s):** Lawrence J. Sowa Lieutenant Colonel, U.S. Army Commanding Officer

**Recipient:** Ms. Lisa Price, Environmental Protection Agency

**Date:** December 19, 1994

**Bate Stamp:** 012062



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**1995**

- A. Title: Letter - Subject: Soil And Ground Water Background Concentration Reports**  
**Group(s): 3**  
**Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill**  
**LHAAP-14 Area 54 Burial Ground**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**  
**Recipient: Ms. Lisa Marie Price, Environmental Protection Agency**  
**Date: January 3, 1995**  
**Bate Stamp: 012063**
- B. Title: Letter - Subject: Longhorn Army Ammunition Plant Review Of Documents**  
**Attach(s): Status Of Documents Review Report**  
**Group(s): 2**  
**Site(s): LHAAP-12 Active Landfill**  
**LHAAP-16 Old Landfill**  
**LHAAP-17 No. 2 Flashing Area / Burning Ground**  
**LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond**  
**LHAAP-29 Former TNT Production Area**  
**LHAAP-32 Formal TNT Waste Disposal Plant**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Texas Water Commission**  
**Author(s): Michael A. Moore Superfund Investigation Unit**  
**Recipient: David Tolbert, Project Manager Longhorn Army Ammunition Plant**  
**Date: January 3, 1995**  
**Bate Stamp: 012064 - 012066**
- C. Title: Letter - Subject: Phase II Workplan For Remedial Investigation For Group #2 Sites**  
**Longhorn Army Ammunition Plant**  
**Attach(s): Comments**  
**Group(s): 2**  
**Site(s): LHAAP-12 Active Landfill**  
**LHAAP-16 Old Landfill**  
**LHAAP-17 No. 2 Flashing Area / Burning Ground**  
**LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond**  
**LHAAP-29 Former TNT Production Area**  
**LHAAP-32 Formal TNT Waste Disposal Plant**  
**Location: Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency: Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient: Ms. Lisa Marie Price, Environmental Protection Agency**

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**1995**

**Date: January 4, 1995  
Bate Stamp: 012067 - 012079**

**D. Title: Letter - Subject: Submission Of The Final Remedial Investigation / Feasibility Study Report For Sites 13 And 14 (Group 3) Longhorn Army Ammunition Plant**

**Group(s): 3**

**Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: Department Of The Army, Longhorn Army Ammunition Plant**

**Author(s): Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**

**Recipient: Ms Lisa Marie Price, Environmental Protection Agency**

**Date: January 5, 1995**

**Bate Stamp: 012080 - 012082**

**E. Title: Letter - Subject: Army's January 5, 1995 Letter Regarding Remedial Investigation / Feasibility Study For Sites 13 And 14**

**Longhorn Army Ammunition Plant**

**Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: Environmental Protection Agency**

**Author(s): Ms. Lisa M. Price, Environmental Protection Agency**

**Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**

**Date: January 10, 1995**

**Bate Stamp: 012083 - 012084**

**F. Title: Letter - Subject: Longhorn Army Ammunition Plant Remedial Investigation Work Plan for Group 2 Sites**

**Group(s): 2**

**Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill**

**LHAAP-17 No. 2 Flashing Area / Burning Ground**

**LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond**

**LHAAP-29 Former TNT Production Area**

**LHAAP-32 Formal TNT Waste Disposal Plant**

**Location: Longhorn Army Ammunition Plant, Marshall, Texas**

**Agency: Texas Water Commission**

**Author(s): Mr. Michael A. Moore RI / FS II Unit, Superfund Investigation Section**

**Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**

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Date: January 10, 1995  
Bate Stamp: 012085

- G. Title: **Letter - Subject: Phase II Workplan For Remedial Investigation For Group #2 Sites  
Longhorn Army Ammunition Plant**  
Group(s): 2  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Environmental Protection Agency  
Author(s): Ms. Lisa Marie Price, Remedial Project Manager Superfund Texas Enforcement  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: January 10, 1995  
Bate Stamp: 012086
- H. Title: **Letter - Subject: Soil And Ground Water Background Concentration Reports**  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Environmental Protection Agency  
Author(s): Ms. Lisa M. Price, Environmental Protection Agency  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: January 23, 1995  
Bate Stamp: 012087 - 012088
- I. Title: **Letter - Subject: Draft Final Remedial Investigations Feasibility Study Report Sites 13 And 14  
(Group 3)**  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Ms. Lisa M. Price, Environmental Protection Agency  
Date: January 30, 1995  
Bate Stamp: 012089

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- J.**     **Title:**            **Letter - Subject: Hydrogeological Assessment for LHAAP**  
**Group(s):**       **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
**Site(s):**           **General**  
**Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**         **Environmental Protection Agency**  
**Author(s):**       **Lisa Price, Remedial Project Manager, Superfund Texas Enforcement**  
**Recipient:**      **David Tolbert, Project Manager, LHAAP**  
**Date:**             **February 16, 1995**  
**Bate Stamp:**     **012090 - 012092**
- K.**     **Title:**            **Letter - Subject: Soil Background Concentration Report for LHAAP**  
**Group(s):**       **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
**Site(s):**           **General**  
**Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**         **Environmental Protection Agency**  
**Author(s):**       **Lisa Price, Remedial Project Manager, Superfund Texas Enforcement**  
**Recipient:**      **David Tolbert, Project Manager, LHAAP**  
**Date:**             **February 16, 1995**  
**Bate Stamp:**     **012093 - 012095**
- L.**     **Title:**            **Letter - Subject: Sampling and Data Results Report for the Remedial Investigation at Group 1 Sites for LHAAP in Karnack, Texas**  
**Group(s):**       **1**  
**Site(s):**           **LHAAP-1 Inert Burning Grounds**  
                      **LHAAP-11 Suspected TNT Burial Site at Avenues P and Q**  
                      **LHAAP-27 South Test Area**  
                      **LHAAP-54 or LHAAP-XX Ground Signal Test Area**  
**Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**         **Department of the Army, LHAAP**  
**Author(s):**       **Lieutenant Colonel Lawrence J. Sowa, Commanding Officer**  
**Recipient:**      **Ms. Lisa Price, Superfund Enforcement, USEPA**  
**Date:**             **February 21, 1995**  
**Bate Stamp:**     **012096**
- M.**     **Title:**            **Letter - Subject: Meeting, LHAAP, for Technical Review Committee - March 1, 1995**  
**Attach(s):**       **Meeting Agenda**  
**Group(s):**       **All**  
**Site(s):**           **General**  
**Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**         **Department Of The Army, Longhorn Army Ammunition Plant**

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**Author(s):** Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** February 21, 1995  
**Bate Stamp:** 012097

**N. Title:** Letter - LHAAP, Record of Decision for Early Interim remedial Action at Burning Ground No. 3  
**Group(s):** Early Interim Action at Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Natural Resource Conservation Commission  
**Author(s):** Michael A. Moore, RI / FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
**Recipient:** David Tolbert, Project Manager, U.S. Army, Longhorn Army Ammunition Plant  
**Date:** February 21, 1995  
**Bate Stamp:** 012098 - 012099

**O. Title:** Letter - LHAAP, Draft Record of Decision  
**Group(s):** Early Interim Action at Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Texas Natural Resource Conservation Commission  
**Author(s):** Dan Pearson, Executive Director  
**Recipient:** Allyn M. Davis, Ph.D., Director, Hazardous Waste Management Division, USEPA  
**Date:** February 28, 1995  
**Bate Stamp:** 012100

**P. Title:** Final Report - LHAAP Installation Restoration Program Sites 12 And 16 Interim Remedial Action Focused Feasibility Study  
**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army Corps of Engineers  
**Author(s):** U.S. Army Corps of Engineers, Tulsa District  
**Recipient:** U.S. Army, Longhorn Army Ammunition Plant  
**Date:** March, 1995  
**Bate Stamp:** 012101 - 012344

**Q. Title:** Fact Sheet - LHAAP Sites 12 and 16, Landfill Caps Interim Action

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**Group(s):** Interim Remedial Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U. S. Army Corps Of Engineers  
**Author(s):** Mr. David Tolbert, Environmental Protection Specialist.  
**Recipient:** U.S. Public  
**Date:** March, 1995  
**Bate Stamp:** 012345

**R. Title:** Proposed Plan Of Action - LHAAP Sites 12 and 16, Landfill Caps Interim Action  
**Group(s):** Interim Remedial Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U. S. Army Corps Of Engineers  
**Author(s):** Mr. David Tolbert, Environmental Protection Specialist.  
**Recipient:** U.S. Public  
**Date:** March, 1995  
**Bate Stamp:** 012346 - 012366

**S. Title:** Meeting Agenda - LHAAP Technical Review Committee Meeting, March 1, 1995  
**Attach(s):** Status Report - LHAAP Environmental Projects Status (as of February 27, 1995)  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Army  
**Author(s):** U.S. Army Corps of Engineers, Tulsa District  
**Recipient:** Meeting Participants  
**Date:** March 1, 1995  
**Bate Stamp:** 012367 - 012369

**T. Title:** Superfund Site Update - LHAAP Technical Assistance Grant Awarded  
**Group(s):** All  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** U.S. Environmental Protection Agency  
**Author(s):** U.S. Environmental Protection Agency, Region 6  
**Recipient:** U.S. Public  
**Date:** March 1, 1995  
**Bate Stamp:** 012370 - 012371

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- U.     **Title:**            **Letter - Subject: March 23, 1995 Public Meeting Invitation**  
       **Group(s):**       **Interim Remedial Action**  
       **Site(s):**         **LHAAP-12 Active Landfill**  
                          **LHAAP-16 Old Landfill**  
       **Location:**     **Karnack High School**  
       **Agency:**      **Department of the Army**  
       **Author(s):**     **Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
       **Recipient:**    **75661 Zip Code Resident**  
       **Date:**         **March 14, 1995**  
       **Bate Stamp:**  **012372**
- V.     **Title:**            **Public Notice - Longhorn Army Ammunition Plant Notice Of Public Meeting On Proposed**  
                          **Treatment Area For Burning Ground No. 3 Longhorn Army Ammunition Plant**  
                          **Notice Published In News Messenger**  
       **Group(s):**       **Early Interim Action At Burning Ground No. 3**  
       **Site(s):**         **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**  
       **Location:**     **Karnack High School**  
       **Agency:**      **U. S. Army Corps Of Engineers**  
       **Author(s):**     **U. S. Army Corps Of Engineers**  
       **Recipient:**    **U.S. Public**  
       **Date:**         **March 23, 1995**  
       **Bate Stamp:**
- W.     **Title:**            **Final Report - Soil Background Concentration Report**  
       **Group(s):**       **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
       **Site(s):**         **General**  
       **Location:**     **Longhorn Army Ammunition Plant, Marshall, Texas**  
       **Agency:**      **U.S. Army Corps of Engineers**  
       **Author(s):**     **U.S. Army Corps of Engineers, Tulsa District**  
       **Recipient:**    **U.S. Army, Longhorn Army Ammunition Plant**  
       **Date:**         **March, 1995**  
       **Bate Stamp:**  **012374 - 012590**
- X.     **Title:**            **Letter - Subject: Draft Remedial Investigations Feasibility Study Report Sites 13 And 14**  
       **Group(s):**       **3**  
       **Site(s):**         **LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill**  
                          **LHAAP-14 Area 54 Burial Ground**  
       **Location:**     **Longhorn Army Ammunition Plant, Marshall, Texas**  
       **Agency:**      **Environmental Protection Agency**

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**Author(s):** Ms. Lisa M. Price, Environmental Protection Agency  
**Recipient:** Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
**Date:** March 14, 1995  
**Bate Stamp:** 012591 - 012594

**Y. Title:** Report - Public Meeting In Re: LHAAP 12 and LHAAP 16 Landfills, Interim Remedial Action Proposal  
**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP 16 Old Landfill  
**Location:** Karnack High School  
**Agency:** U. S. Army Corps Of Engineers  
**Author(s):** U. S. Army Corps Of Engineers  
**Recipient:** U.S. Public  
**Date:** March 23, 1995  
**Bate Stamp:** 012595 - 012633

**Z. Title:** Letter - Subject: Transmission of Proposed Plan of Action, for Group 3 Sites (13 And 14)  
**Group(s):** 3  
**Site(s):** LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Ms. Lisa M. Price, Environmental Protection Agency  
**Date:** March 27, 1995  
**Bate Stamp:** 012634



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- A.     **Title:**            **Letter - Subject: Transmission of Proposed Plan of Action for Group 3 Sites (13 And 14)**  
       **Group(s):**        **3**  
       **Site(s):**         **LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill**  
                          **LHAAP-14 Area 54 Burial Ground**  
       **Location:**      **Longhorn Army Ammunition Plant, Marshall, Texas**  
       **Agency:**       **Department Of The Army, Longhorn Army Ammunition Plant**  
       **Author(s):**      **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
       **Recipient:**     **Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**  
       **Date:**           **March 27, 1995**  
       **Bate Stamp:**   **012635**
- B.     **Title:**            **Letter - Subject: Addendum to the Phase 2 Work Plan for Wasteline Sampling and the**  
                          **Associated Chemical Data Acquisition Plan for Longhorn Army Ammunition Plant**  
       **Group(s):**        **2**  
       **Site(s):**         **LHAAP-12 Active Landfill**  
                          **LHAAP-16 Old Landfill**  
                          **LHAAP-17 No. 2 Flashing Area / Burning Ground**  
                          **LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond**  
                          **LHAAP-29 Former TNT Production Area**  
                          **LHAAP-32 Formal TNT Waste Disposal Plant**  
       **Location:**      **Longhorn Army Ammunition Plant, Marshall, Texas**  
       **Agency:**       **Department Of The Army, Longhorn Army Ammunition Plant**  
       **Author(s):**      **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
       **Recipient:**     **Ms. Lisa M. Price, Environmental Protection Agency**  
       **Date:**           **March 30, 1995**  
       **Bate Stamp:**   **012636**
- C.     **Title:**            **Letter - Subject: Addendum to the Phase 2 Work Plan for Wasteline Sampling and the**  
                          **Associated Chemical Data Acquisition Plan for Longhorn Army Ammunition Plant**  
       **Group(s):**        **2**  
       **Site(s):**         **LHAAP-12 Active Landfill**  
                          **LHAAP-16 Old Landfill**  
                          **LHAAP-17 No. 2 Flashing Area / Burning Ground**  
                          **LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond**  
                          **LHAAP-29 Former TNT Production Area**  
                          **LHAAP-32 Formal TNT Waste Disposal Plant**  
       **Location:**      **Longhorn Army Ammunition Plant, Marshall, Texas**  
       **Agency:**       **Department Of The Army, Longhorn Army Ammunition Plant**  
       **Author(s):**      **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
       **Recipient:**     **Mr. H. L. Jones, Texas Natural Resource Conservation Commission**  
       **Date:**           **March 30, 1995**  
       **Bate Stamp:**   **012637**

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- D.     **Title:**            Letter - Subject: Addendum to the Phase 2 Work Plan for Wasteline Sampling and the Associated Chemical Data Acquisition Plan for Longhorn Army Ammunition Plant
- Group(s):**       2
- Site(s):**        LHAAP-12 Active Landfill  
                          LHAAP-16 Old Landfill  
                          LHAAP-17 No. 2 Flashing Area / Burning Ground  
                          LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
                          LHAAP-29 Former TNT Production Area  
                          LHAAP-32 Formal TNT Waste Disposal Plant
- Location:**    Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:**     Department Of The Army, Longhorn Army Ammunition Plant
- Author(s):**    Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army
- Recipient:**   Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section
- Date:**         March 30, 1995
- Bate Stamp:** 012638
- 
- E.     **Title:**            Letter-Subject: Transmission of Final Soil Background Concentration Report for LHAAP
- Group(s):**    All - Hydrogeological Assessment, Soil and Groundwater Background Studies
- Site(s):**       General
- Location:**    Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:**     Department Of The Army, Longhorn Army Ammunition Plant
- Author(s):**    Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army
- Recipient:**   Lisa Price, Remedial Project Manager, Superfund Texas Enforcement
- Date:**         March 30, 1995
- Bate Stamp:** 012639
- 
- F.     **Title:**            Letter-Subject: Transmission of Final Soil Background Concentration Report for LHAAP
- Group(s):**    All - Hydrogeological Assessment, Soil and Groundwater Background Studies
- Site(s):**       General
- Location:**    Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:**     Department Of The Army, Longhorn Army Ammunition Plant
- Author(s):**    Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army
- Recipient:**   Mr. H. L. Jones, Texas Natural Resource Conservation Commission
- Date:**         March 30, 1995
- Bate Stamp:** 012640
- 
- G.     **Title:**            Letter-Subject: Transmission of Final Soil Background Concentration Report for LHAAP
- Group(s):**    All - Hydrogeological Assessment, Soil and Groundwater Background Studies
- Site(s):**       General
- Location:**    Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:**     Department Of The Army, Longhorn Army Ammunition Plant
- Author(s):**    Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army

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Recipient: Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: March 30, 1995  
Bate Stamp: 012641

H. Title: Report - Final Addendum to Phase 2 Work Plan for Wasteline Sampling Group 2 Sites at Longhorn Army Ammunition Plant

Group(s): 2

Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Sverdrup Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: April, 1995  
Bate Stamp: 012642 - 012663

I. Title: Report - Final Addendum to Phase 2 Chemical Data Acquisition Plan for Wasteline Sampling Group 2 Sites at Longhorn Army Ammunition Plant

Group(s): 2

Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Sverdrup Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: April, 1995  
Bate Stamp: 012664 - 012674

J. Title: Letter - Subject: Changes to Final Soil Background Concentration Report for LHAAP

Group(s): All - Hydrogeological Assessment, Soil and Groundwater Background Studies

Site(s): General

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant

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**Author(s):** Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
**Date:** April 4, 1995  
**Bate Stamp:** 012675

**K.** **Title:** Letter - Subject: Changes to Final Soil Background Concentration Report for LHAAP  
**Group(s):** All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
**Date:** April 4, 1995  
**Bate Stamp:** 012676

**L.** **Title:** Letter - Subject: Changes to Final Soil Background Concentration Report for LHAAP  
**Group(s):** All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
**Site(s):** General  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
**Recipient:** Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
**Date:** April 4, 1995  
**Bate Stamp:** 012677

**M.** **Title:** Letter - Subject: Sites 12 and 16, Landfill Caps Interim Action Comments and Questions  
**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Ruth Culver, Conservation Chairman, Uncertain Audubon  
**Recipient:** David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
**Date:** April 20, 1995  
**Bate Stamp:** 012678 - 012680

**N.** **Title:** Record of Decision For Burning Ground No. 3 Longhorn Army Ammunition Plant  
**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground/Washout Pond & Unlined Evaporation Pond  
**Location:** Longhorn Army Ammunition Plant, Karnack, Texas  
**Agency:** U. S. Army Corps Of Engineer  
**Author(s):** U. S. Army Corps Of Engineers

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Recipient: U.S. Public  
Date: May, 1995  
Bate Stamp: 012681 - 012751

- O. Title: Letter - Subject: Soil Background Concentration Report for LHAAP  
Group(s): All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Recipient: David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: May 1, 1995  
Bate Stamp: 012752 - 012753
- P. Title: Letter - Subject: Remedial Investigation / Feasibility Study - Sites 13 And 14 (Group 3)  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: May 3, 1995  
Bate Stamp: 012754 - 012756
- Q. Title: Letter - Subject: Proposed Plan - Sites 13 And 14 (Group 3)  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: May 4, 1995  
Bate Stamp: 012757 - 012759
- R. Title: Letter - Subject: Final Groundwater Background Concentration Report for LHAAP  
Group(s): All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: May 9, 1995  
Bate Stamp: 012760

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- S.     **Title:**            **Letter - Subject: Final Groundwater Background Concentration Report for LHAAP**  
      **Group(s):**     **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
      **Site(s):**        **General**  
      **Location:**     **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Agency:**      **Department Of The Army, Longhorn Army Ammunition Plant**  
      **Author(s):**     **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
      **Recipient:**    **Mr. H. L. Jones, Texas Natural Resource Conservation Commission**  
      **Date:**         **May 9, 1995**  
      **Bate Stamp:**  **012761**
- T.     **Title:**            **Letter - Subject: Final Groundwater Background Concentration Report for LHAAP**  
      **Group(s):**     **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
      **Site(s):**        **General**  
      **Location:**     **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Agency:**      **Department Of The Army, Longhorn Army Ammunition Plant**  
      **Author(s):**     **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
      **Recipient:**    **Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**  
      **Date:**         **May 9, 1995**  
      **Bate Stamp:**  **012762**
- U.     **Title:**            **Letter - Subject: Final Hydrogeological Assessment Report for LHAAP**  
      **Group(s):**     **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
      **Site(s):**        **General**  
      **Location:**     **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Agency:**      **Department Of The Army, Longhorn Army Ammunition Plant**  
      **Author(s):**     **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
      **Recipient:**    **Lisa Price, Remedial Project Manager, Superfund Texas Enforcement**  
      **Date:**         **May 11, 1995**  
      **Bate Stamp:**  **012763**
- V.     **Title:**            **Letter - Subject: Final Hydrogeological Assessment Report for LHAAP**  
      **Group(s):**     **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
      **Site(s):**        **General**  
      **Location:**     **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Agency:**      **Department Of The Army, Longhorn Army Ammunition Plant**  
      **Author(s):**     **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
      **Recipient:**    **Mr. H. L. Jones, Texas Natural Resource Conservation Commission**  
      **Date:**         **May 11, 1995**  
      **Bate Stamp:**  **012764**

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- W. Title: Letter - Subject: Final Hydrogeological Assessment Report for LHAAP  
Group(s): All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas
- Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: May 11, 1995  
Bate Stamp: 012765
- X. Title: Letter - Subject: Draft Record of Decision for Early Interim Remedial Action at Landfill Sites 12 and 16,  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: May 23, 1995  
Bate Stamp: 012766
- Y. Title: Letter - Subject: Draft Record of Decision for Early Interim Remedial Action at Landfill Sites 12 and 16,  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: May 23, 1995  
Bate Stamp: 012767
- Z. Title: Letter - Subject: Draft Record of Decision for Early Interim Remedial Action at Landfill Sites 12 and 16,  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: May 23, 1995  
Bate Stamp: 012768

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- A. Title: Letter - Subject: Point of Contact for Longhorn Army Ammunition Plant  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: May 24, 1995  
Bate Stamp: 012769
- B. Title: Letter - Subject: Point of Contact for Longhorn Army Ammunition Plant  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: May 24, 1995  
Bate Stamp: 012770
- C. Title: Letter - Subject: Final Soil Background Concentration Report for LHAAP  
Group(s): All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: May 25, 1995  
Bate Stamp: 012771
- D. Title: Letter - Subject: Final Soil Background Concentration Report for LHAAP  
Group(s): All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: May 25, 1995  
Bate Stamp: 012772
- E. Title: Letter - Subject: Final Soil Background Concentration Report for LHAAP  
Group(s): All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas



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Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: May 25, 1995  
Bate Stamp: 012773

F. Title: Proposed Plan of Action - Sites 13 And 14 (Group 3), Longhorn Army Ammunition Plant  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): U. S. Army Corps of Engineers  
Recipient: U. S. Public  
Date: June, 1995  
Bate Stamp: 012774 - 012785

G. Title: Final Report - Remedial Investigation / Feasibility Study Sites 13 and 14 Volume I, Longhorn Army Ammunition Plant  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): U.S. Army Corps of Engineers, Tulsa District  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: June, 1995  
Bate Stamp: 012786 - 012864

H. Title: Final Report - Remedial Investigation / Feasibility Study Sites 13 and 14 Volume II, Longhorn Army Ammunition Plant  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): U.S. Army Corps of Engineers, Tulsa District  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: June, 1995  
Bate Stamp: 013175 - 014195

Note: Bate Stamp Numbers Are Out of Sequence From Volume 5 of 5 1995 After the Letter W.

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- I.      **Title:**            **Final Report - Remedial Investigation / Feasibility Study Sites 13 and 14 Volume III, Longhorn Army Ammunition Plant**
- Group(s):**        **3**
- Site(s):**        **LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground**
- Location:**     **Longhorn Army Ammunition Plant, Marshall, Texas**
- Agency:**      **Department Of The Army, Longhorn Army Ammunition Plant**
- Author(s):**     **U.S. Army Corps of Engineers, Tulsa District**
- Recipient:**    **U.S. Army Corps of Engineers, Tulsa District**
- Date:**         **June, 1995**
- Bate Stamp:** **014196 - 015320**
- Note:**            **Bate Stamp Numbers Are Out of Sequence Continuing From Volume 3 of 5 1995 After the Letter H.**

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- J.**     **Title:**            **Final Report - DERPMIS / RMIS Resolution Document for Longhorn Army Ammunition Plant**  
**Group(s):**        **All**  
**Site(s):**           **General**  
**Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**        **Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s):**       **U.S. Army Corps of Engineers, Tulsa District**  
**Recipient:**      **U.S. Army Corps of Engineers**  
**Date:**            **June, 1995**  
**Bate Stamp:**     **012865 - 012934**
- K.**     **Title:**            **Final Report - Groundwater Background Concentration Report**  
**Group(s):**        **Landfill Caps Interim Action**  
**Site(s):**           **LHAAP-12 Active Landfill**  
                      **LHAAP-16 Old Landfill**  
**Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**        **U.S. Army Corps of Engineers**  
**Author(s):**       **U.S. Army Corps of Engineers, Tulsa District**  
**Recipient:**      **U.S. Army, Longhorn Army Ammunition Plant**  
**Date:**            **June, 1995**  
**Bate Stamp:**     **012935 - 013162**
- L.**     **Title:**            **Letter - Subject: Request for Approval of Final Disposition of CERCLA Investigative - Derived Solid Material at the Old Landfill, Site 16**  
**Group(s):**        **Landfill Caps Interim Action**  
**Site(s):**           **LHAAP-16 Old Landfill**  
**Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**        **Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s):**       **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
**Recipient:**      **Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**  
**Date:**            **June 6, 1995**  
**Bate Stamp:**     **013163**
- M.**     **Title:**            **Letter - Subject: Management of Investigation Derived Waste**  
**Group(s):**        **Landfill Caps Interim Action**  
**Site(s):**           **LHAAP-16 Old Landfill**  
**Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**  
**Agency:**        **Department Of The Army, Longhorn Army Ammunition Plant**  
**Author(s):**       **Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**  
**Recipient:**      **Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**  
**Date:**            **June 7, 1995**  
**Bate Stamp:**     **013164**

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- N.    **Title:**            **Letter - Subject: Volume I Final Hydrogeological Assessment Report for LHAAP**  
      **Group(s):**     **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
      **Site(s):**       **General**  
      **Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Agency:**     **Department Of The Army, Longhorn Army Ammunition Plant**  
      **Author(s):**    **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
      **Recipient:**   **Lisa Price, Remedial Project Manager, Superfund Texas Enforcement**  
      **Date:**         **June 13, 1995**  
      **Bate Stamp:** **013165**
- O.    **Title:**            **Letter - Subject: Volume I Final Hydrogeological Assessment Report for LHAAP**  
      **Group(s):**     **All - Hydrogeological Assessment, Soil and Groundwater Background Studies**  
      **Site(s):**       **General**  
      **Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Agency:**     **Department Of The Army, Longhorn Army Ammunition Plant**  
      **Author(s):**    **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
      **Recipient:**   **Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**  
      **Date:**         **June 13, 1995**  
      **Bate Stamp:** **013166**
- P.    **Title:**            **Letter - DERPMS / RMIS Resolution Document for Longhorn Army Ammunition Plant**  
      **Group(s):**     **All**  
      **Site(s):**       **General**  
      **Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Agency:**     **Department Of The Army, Longhorn Army Ammunition Plant**  
      **Author(s):**    **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
      **Recipient:**   **Lisa Price, Remedial Project Manager, Superfund Texas Enforcement**  
      **Date:**         **June 13, 1995**  
      **Bate Stamp:** **013167**
- Q.    **Title:**            **Letter - DERPMS / RMIS Resolution Document for Longhorn Army Ammunition Plant**  
      **Group(s):**     **All**  
      **Site(s):**       **General**  
      **Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**  
      **Agency:**     **Department Of The Army, Longhorn Army Ammunition Plant**  
      **Author(s):**    **Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army**  
      **Recipient:**   **Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**  
      **Date:**         **June 13, 1995**  
      **Bate Stamp:** **013168**
- R.    **Title:**            **Letter - Subject: Schedules for Longhorn Army Ammunition Plant**  
      **Group(s):**     **All**  
      **Site(s):**       **General**  
      **Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**

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Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: June 15, 1995  
Bate Stamp: 013169

S. Title: Letter - Subject: Schedules for Longhorn Army Ammunition Plant  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: June 15, 1995  
Bate Stamp: 013170

T. Title: Letter - Subject: Schedules for Longhorn Army Ammunition Plant  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Lawrence J. Sowa, Lieutenant Colonel, U.S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: June 15, 1995  
Bate Stamp: 013171

U. Title: Memorandum - Subject: Review of the Draft Record of Decision for Early Interim Remedial  
Action at Landfill Sites 12 and 16  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Arthur P. Lee, P.E. Program Manager, Health, Risk Assessment and Risk  
Communication  
Recipient: Commander, U.S. Army Corps of Engineers, Tulsa District, Attention: Jonna Polk  
Date: June 21, 1995  
Bate Stamp: 013172

V. Title: Memorandum - Subject: Review of Schedules for Longhorn Army Ammunition Plant  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant

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1995

Author(s): Arthur P. Lee, P.E. Program Manager, Health Risk Assessment and Risk Communication  
Recipient: Jonna Polk, U.S. Army Corps of Engineers, Tulsa District  
Date: June 22, 1995  
Bate Stamp: 013173

W. Title: Letter- Subject: Approval of Schedules for Longhorn Army Ammunition Plant  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Recipient: Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
Author(s): Darrell W. Chinn, Captain, U.S. Army Executive Officer  
Date: June 29, 1995  
Bate Stamp: 013174

X. Title: Letter- Subject: Approval of Schedules for Longhorn Army Ammunition Plant  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: June 28, 1995  
Bate Stamp: 015321

Note: Bate Stamp numbers are out of sequence due to receiving documents after the July update

Y. Title: Letter - Subject: Draft Work Plan For Phase III of Interim Remedial Action at Burning Ground No. 3 and UEP, LHAAP 18 & 24 for Longhorn Army Ammunition Plant - Transmittal of Full-Size Drawings  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
Agency: U. S. Army Corps Of Engineer  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Date: June 29, 1995  
Bate Stamp: 015322

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Z.     **Title:**            **Letter - Subject: Draft Work Plan For Phase III of Interim Remedial Action at Burning Ground No. 3 and UEP, LHAAP 18 & 24 for Longhorn Army Ammunition Plant - Transmittal of Full-Size Drawings**

**Group(s):**        **Early Interim Action At Burning Ground No. 3**

**Site(s):**        **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**

**Location:**     **Longhorn Army Ammunition Plant, Karnack, Texas**

**Recipient:**    **Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**

**Agency:**     **U. S. Army Corps Of Engineer**

**Author(s):**    **Darrell W. Chinn, Captain, U.S. Army**

**Date:**        **June 29, 1995**

**Bate Stamp:**  **015323**

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- A.     **Title:**            Letter - Subject: Draft Work Plan For Phase III of Interim Remedial Action at Burning Ground No. 3 and UEP, LHAAP 18 & 24 for Longhorn Army Ammunition Plant - Transmittal of Full-Size Drawings
- Group(s):**    Early Interim Action At Burning Ground No. 3
- Site(s):**     LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond
- Location:**   Longhorn Army Ammunition Plant, Karnack, Texas
- Recipient:**   Mr. H. L. Jones, Texas Natural Resource Conservation Commission
- Agency:**     U. S. Army Corps Of Engineer
- Author(s):**   Darrell W. Chinn, Captain, U.S. Army
- Date:**        June 29, 1995
- Bate Stamp:** 015324
- 
- B.     **Title:**            Letter - Subject: Final Record of Decision for Early Interim Remedial Action at Landfill Sites 12 and 16
- Group(s):**    Landfill Caps Interim Action
- Site(s):**     LHAAP-12 Active Landfill  
                          LHAAP-16 Old Landfill
- Location:**   Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:**     Department Of The Army, Longhorn Army Ammunition Plant
- Author(s):**   Darrell W. Chinn, Captain, U.S. Army
- Recipient:**   Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement
- Date:**        July 10, 1995
- Bate Stamp:** 015325
- 
- C.     **Title:**            Letter - Subject: Final Record of Decision for Early Interim Remedial Action at Landfill Sites 12 and 16
- Group(s):**    Landfill Caps Interim Action
- Site(s):**     LHAAP-12 Active Landfill  
                          LHAAP-16 Old Landfill
- Location:**   Longhorn Army Ammunition Plant, Marshall, Texas
- Agency:**     Department Of The Army, Longhorn Army Ammunition Plant
- Author(s):**   Darrell W. Chinn, Captain, U.S. Army
- Recipient:**   Michael A. Moore, RI / FS II Unit, Superfund Investigation Section
- Date:**        July 10, 1995
- Bate Stamp:** 015326
- 
- D.     **Title:**            Letter - Subject: Final Record of Decision for Early Interim Remedial Action at Landfill Sites 12 and 16
- Group(s):**    Landfill Caps Interim Action
- Site(s):**     LHAAP-12 Active Landfill  
                          LHAAP-16 Old Landfill
- Location:**   Longhorn Army Ammunition Plant, Marshall, Texas



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Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army Investigation Section  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: July 10, 1995  
Bate Stamp: 015327

E. Title: Public Meeting - Subject: No Further Action Proposal for Sites 13 & 14 for Longhorn Army Ammunition Plant

Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Public  
Date: July 18, 1995  
Bate Stamp: 015328-015352

F. Title: Letter - Subject: Transmittal of Revised Air Monitoring Plan, Appendix C to Draft Chemical Data Acquisition Plan, Phase III of Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant

Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Agency: U. S. Army Corps Of Engineer  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Date: July 25, 1995  
Bate Stamp: 015353

G. Title: Letter - Subject: Request for 20-day Extension for Reviewing and Commenting on General Work Plan Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant

Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: July 25, 1995  
Bate Stamp: 015354

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- H. Title: Letter - Subject: Transmittal of Final Record of Decision for Early Interim Remedial Action at Landfill Sites 12 and 16,  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: July 27, 1995  
Bate Stamp: 015355
- I. Title: Letter - Subject: Preliminary Design for Interim Remedial Action at Landfill Sites 12 and 16  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: July 27, 1995  
Bate Stamp: 015356
- J. Title: Letter - Subject: Preliminary Design for Interim Remedial Action at Landfill Sites 12 and 16  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: July 27, 1995  
Bate Stamp: 015357
- K. Title: Letter - Subject: Preliminary Design for Interim Remedial Action at Landfill Sites 12 and 16  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant

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Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: July 27, 1995  
Bate Stamp: 015358

- L. Title: Memorandum for Commander - Subject: Review of Draft Work Plan for Phase III Interim Remedial Action at Burning Ground No. 3 and UEP, LHAAP 18 & 24, Volumes 1-5 , Longhorn Army Ammunition Plant, Prepared by Dow Environmental, 23 June 1995
- Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Jonna Polk, U.S. Army Corps of Engineers, Tulsa District  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Arthur P. Lee, P.E., Program Manager, Health Risk Assessment and Risk Communication, Department of the Army  
Date: July 28, 1995  
Bate Stamp: 015359
- M. Title: Letter - Subject: Comments on General Work Plan Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant, Section 3: Soil and Source Material Excavation, Treatment and Disposal Plan
- Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: July 31, 1995  
Bate Stamp: 015360-015361
- N. Title: Letter - Subject: Request for Extension for Reviewing Preliminary Design for Interim Remedial Action at Landfill Sites 12 and 16
- Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: August 1, 1995  
Bate Stamp: 015362

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- O. Title: Letter - Subject: Preliminary Design for Interim Remedial Action at Landfill Sites 12 and 16  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: August 1, 1995  
Bate Stamp: 015363
- P. Title: Letter - Subject: Design Work Plan Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: August 1, 1995  
Bate Stamp: 015364
- Q. Title: Letter - Subject: Final Hydrogeological Assessment Report for LHAAP  
Group(s): All - Hydrogeological Assessment, Soil and Groundwater Background Studies  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: August 1, 1995  
Bate Stamp: 015365
- R. Title: Letter - Subject: Change in Address  
Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: August 1, 1995  
Bate Stamp: 015366

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- S.     **Title:**            Memorandum - Subject: Early Interim Remedial Action Record of Decision (ROD) at Landfill Sites 12 and 16, Longhorn Army Ammunition Plant  
**Group(s):**        Landfill Caps Interim Action  
**Site(s):**           LHAAP-12 Active Landfill  
                      LHAAP-16 Old Landfill  
**Location:**        Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:**         Department of The Army, Longhorn Army Ammunition Plant  
**Author(s):**        Darrell W. Chinn, Captain, U.S. Army  
**Recipient:**        Mr. Robert Radkiewicz, U.S. Army Industrial Operations  
                      COL M. Potter, U.S. Army Material Command  
                      Mr. M. Vogt, 600 Army Pentagon  
**Date:**             August 2, 1995  
**Bate Stamp:**     015367
- T.     **Title:**            Letter - Subject: Transmittal of Draft Phase II Sumps Investigation Sample and Data Report Volumes 1-5 for Longhorn Army Ammunition Plant  
**Group(s):**        4  
**Site(s):**           LHAAP-35 Process Wastewater Sumps - Various  
                      LHAAP-36 Explosive Waste Pads  
**Location:**        Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:**         Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):**        Darrell W. Chinn, Captain, U.S. Army  
**Recipient:**        Lisa Marie Price, Environmental Protection Agency  
**Date:**             August 9, 1995  
**Bate Stamp:**     015368
- U.     **Title:**            Letter - Subject: Transmittal of Draft Phase II Sumps Investigation Sample and Data Report Volumes 1-5 for Longhorn Army Ammunition Plant  
**Group(s):**        4  
**Site(s):**           LHAAP-35 Process Wastewater Sumps - Various  
                      LHAAP-36 Explosive Waste Pads  
**Location:**        Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:**         Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):**        Darrell W. Chinn, Captain, U.S. Army  
**Recipient:**        Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
**Date:**             August 9, 1995  
**Bate Stamp:**     015369

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- V. Title: Letter-Transmittal of Groups 2 & 4 Baseline Risk Assessment Work Plans, Minutes for July 19, 1995 Risk Assessment Concept Scoping Meeting for Longhorn Army Ammunition Plant  
Group(s): 2 & 4  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant  
LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Lisa Marie Price, Environmental Protection Agency  
Date: August 9, 1995  
Bate Stamp: 015370
- W. Title: Letter - Groups 2 & 4 Baseline Risk Assessment Work Plans, Minutes for July 19, 1995 Risk Assessment Concept Scoping Meeting for Longhorn Army Ammunition Plant  
Group(s): 2 & 4  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant  
LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Mr. Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: August 9, 1995  
Bate Stamp: 015371
- X. Title: Letter - Groups 2 & 4 Baseline Risk Assessment Work Plans, Minutes for July 19, 1995 Risk Assessment Concept Scoping Meeting for Longhorn Army Ammunition Plant  
Group(s): 2 & 4  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond

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LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant  
LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: August 9, 1995  
Bate Stamp: 015372

Y. Title: Letter - Subject: Comments on General Work Plan Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant, Section 3: Soil and Source Material Excavation, Treatment and Disposal Plan  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: August 10, 1995  
Bate Stamp: 015373-015374

Z. Title: Letter - Subject: Proposed Record of Decision (ROD) at Landfill Sites 12 and 16, Longhorn Army Ammunition Plant  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Dan Pearson, Executive Director, Texas Natural Resource Conservation Commission  
Recipient: Mr. Myron O. Knudson, P.E. , Director Superfund Division, U.S. Environmental Protection Agency  
Date: August 14, 1995  
Bate Stamp: 015375

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- A.     **Title:**            **Letter - Subject: Design Work Plan Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant Request for 14 Day Extension to Complete Review**
- Group(s):**        **Early Interim Action At Burning Ground No. 3**
- Site(s):**         **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**
- Location:**       **Longhorn Army Ammunition Plant, Karnack, Texas**
- Recipient:**     **Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**
- Agency:**        **Department of The Army, Longhorn Army Ammunition Plant**
- Author(s):**     **Lisa Price, Remedial Project Manager, Superfund Texas Enforcement**
- Date:**         **August 17, 1995**
- Bate Stamp:**  **015376**
- 
- B.     **Title:**            **Letter - Subject: TNRCC's Comments on General Work Plan Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant**
- Group(s):**        **Early Interim Action At Burning Ground No. 3**
- Site(s):**         **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**
- Location:**       **Longhorn Army Ammunition Plant, Karnack, Texas**
- Recipient:**     **Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**
- Agency:**        **Department of The Army, Longhorn Army Ammunition Plant**
- Author(s):**     **Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**
- Date:**         **August 17, 1995**
- Bate Stamp:**  **015377-015396**
- 
- C.     **Title:**            **Letter - Subject: Preliminary Design for Interim Remedial Action at Landfill Sites 12 and 16**
- Group(s):**        **Landfill Caps Interim Action**
- Site(s):**         **LHAAP-12 Active Landfill**  
                              **LHAAP-16 Old Landfill**
- Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**
- Agency:**        **Department of The Army, Longhorn Army Ammunition Plant**
- Author(s):**     **Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement**
- Recipient:**     **Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**
- Date:**         **August 25, 1995**
- Bate Stamp:**  **015397**
- 
- D.     **Title:**            **Letter - Group 5 Draft Chemical Data Acquisition Plan for the Preliminary Assessment Site Investigations for Longhorn Army Ammunition Plant**
- Group(s):**        **5**
- Site(s):**         **LHAAP-50 Former Waste Disposal Facility**  
                              **LHAAP-52 Magazine Washout Area**  
                              **LHAAP-17 No. 2 Flashing Area / Burning Ground**  
                              **LHAAP-60 Former Storage Building 411 and 714**  
                              **LHAAP-63 Burial Pits**
- Location:**       **Longhorn Army Ammunition Plant, Marshall, Texas**



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Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: August 28, 1995  
Bate Stamp: 015398

E. Title: Letter - Group 5 Draft Chemical Data Acquisition Plan for the Preliminary Assessment Site Investigations for Longhorn Army Ammunition Plant

Group(s): 5  
Site(s): LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: August 28, 1995  
Bate Stamp: 015399

F. Title: Letter - Group 5 Draft Chemical Data Acquisition Plan for the Preliminary Assessment Site Investigations for Longhorn Army Ammunition Plant

Group(s): 5  
Site(s): LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: August 28, 1995  
Bate Stamp: 015400

G. Title: Letter - Subject: Proposed Permit HW - 50195 Longhorn Army Ammunition Plant Interim Remedial Action Modeling  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Mr. James A. McPherson Commander Representative, Longhorn Army Ammunition Plant

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Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): John C. Gott, Chemical Section New Source Review Division, Texas Natural Resource Conservation Commission  
Date: August 28, 1995  
Bate Stamp: 015401-015402

H. Title: Letter - Groups 2 & 4 Baseline Risk Assessment Work Plans, Minutes for July 19, 1995 Risk Assessment Concept Scoping Meeting for Longhorn Army Ammunition Plant

Group(s): 2 & 4

Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-18 & LHAAP 24 Burning Ground / Washout Pond & Evaporation Pond  
LHAAP-29 Former TNT Production Area  
LHAAP-32 Formal TNT Waste Disposal Plant  
LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: August 29, 1995  
Bate Stamp: 015403

I. Title: Letter - Subject: Transmittal of TNRCC's Revised Comments on General Work Plan Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant

Group(s): Early Interim Action At Burning Ground No. 3

Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond

Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: August 29, 1995  
Bate Stamp: 015404-015419

J. Title: Letter - Subject: EPA's Comments on Design Work Plan Interim Remedial Action at Burning Ground No. 3 Longhorn Army Ammunition Plant

Group(s): Early Interim Action At Burning Ground No. 3

Site(s): LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond

Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Agency: Department of The Army, Longhorn Army Ammunition Plan

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**Author(s):** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
**Date:** August 30, 1995  
**Bate Stamp:** 015420-015428

**K. Title:** Letter - Subject: Preliminary Design for Interim Remedial Action at Landfill Sites 12 and 16  
**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
**Recipient:** Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
**Date:** August 30, 1995  
**Bate Stamp:** 015429-015430

**L. Title:** Final Plan - Chemical Data Acquisition Plan for the Preliminary Assessment Site Investigations Group V at Longhorn Army Ammunition Plant, Karnack, Texas  
**Group(s):** 5  
**Site(s):** LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Sverdrup Environmental, Inc.  
**Recipient:** U.S. Army Corps of Engineers, Tulsa District  
**Date:** September, 1995  
**Bate Stamp:** 015431-015527

**M. Title:** Final Plan - Final Work Plan for the Preliminary Assessment Site Investigations Group No. V at Longhorn Army Ammunition Plant, Karnack, Texas  
**Group(s):** 5  
**Site(s):** LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits  
**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant

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1995

**Author(s):** Sverdrup Environmental, Inc.  
**Recipient:** U.S. Army Corps of Engineers, Tulsa District  
**Date:** September, 1995  
**Bate Stamp:** 015528-015547

**N. Title:** Letter - Subject: EPA's Comments on Preliminary Assessment Site Investigations Group No. V Work Plan and Chemical Data Acquisition Plan at Longhorn Army Ammunition Plant, Karnack, Texas

**Group(s):** 5  
**Site(s):** LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
**Recipient:** Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
**Date:** September 5, 1995  
**Bate Stamp:** 015548-015550

**O. Title:** Letter - Subject: Transmittal of Record of Decision for No Further Action at LHAAP 13 & 14 for Longhorn Army Ammunition Plant

**Group(s):** 3  
**Site(s):** LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Darrell W. Chinn, Captain, U.S. Army  
**Recipient:** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
**Date:** September 6, 1995  
**Bate Stamp:** 015551

**P. Title:** Letter - Subject: Transmittal of Record of Decision for No Further Action at LHAAP 13 & 14 for Longhorn Army Ammunition Plant

**Group(s):** 3  
**Site(s):** LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Darrell W. Chinn, Captain, U.S. Army

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Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: September 6, 1995  
Bate Stamp: 015552

Q. Title: Letter - Subject: Transmittal of Record of Decision for No Further Action at LHAAP 13 & 14 for Longhorn Army Ammunition Plant

Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: September 6, 1995  
Bate Stamp: 015553

R. Title: Letter -Subject: EPA's Comments on DERPMS / RMIS Resolution Document for Longhorn Army Ammunition Plant

Group(s): All  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: September 6, 1995  
Bate Stamp: 015554-015571

S. Title: Letter - Subject: Review Comments on Preliminary Assessment Site Investigations Group No. 5 Work Plan and Draft Chemical Data Acquisition Plan at Longhorn Army Ammunition Plant, Karnack, Texas

Group(s): 5  
Site(s): LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: September 7, 1995  
Bate Stamp: 015572-015600

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- T.**     **Title:**            **Minutes - Technical Review Committee, Longhorn Army Ammunition Plant**  
          **Attach (s)**       **Executive Summary**  
          **Site(s):**       **General**  
          **Location:**     **Longhorn Army Ammunition Plant, Marshall, Texas**  
          **Company:**     **Environmental Protection Agency**  
          **Author(s):**    **Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant**  
          **Recipient:**   **Jonna Polk, U.S. Army Corps of Engineers, Tulsa District**  
          **Date:**         **September 12, 1995**  
          **Bate Stamp:** **015601-015605**
- U.**     **Title:**            **Letter - Subject: Response to EPA's & TNRCC's Comments of Draft Work Plan for**  
          **Phase III of Interim Remedial Action at Burning Ground No. 3 Longhorn Army**  
          **Ammunition Plant**  
          **Group(s):**     **Early Interim Action At Burning Ground No. 3**  
          **Site(s):**     **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**  
          **Location:**     **Longhorn Army Ammunition Plant, Karnack, Texas**  
          **Recipient:**    **Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement**  
          **Agency:**     **U. S. Army Corps Of Engineer**  
          **Author(s):**    **Darrell W. Chinn, Captain, U.S. Army**  
          **Date:**         **September 12, 1995**  
          **Bate Stamp:** **015606-015638**
- V.**     **Title:**            **Letter - Subject: Response to EPA's & TNRCC's Comments of Draft Work Plan For**  
          **Phase III of Interim Remedial Action at Burning Ground No. 3 Longhorn Army**  
          **Ammunition Plant**  
          **Group(s):**     **Early Interim Action At Burning Ground No. 3**  
          **Site(s):**     **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**  
          **Location:**     **Longhorn Army Ammunition Plant, Karnack, Texas**  
          **Recipient:**    **Michael A. Moore, RI / FS II Unit, Superfund Investigation Section**  
          **Agency:**     **U. S. Army Corps Of Engineer**  
          **Author(s):**    **Darrell W. Chinn, Captain, U.S. Army**  
          **Date:**         **September 12, 1995**  
          **Bate Stamp:** **015639-015671**
- W.**     **Title:**            **Letter - Subject: Response to EPA's & TNRCC's Comments of Draft Work Plan For**  
          **Phase III of Interim Remedial Action at Burning Ground No. 3 Longhorn Army**  
          **Ammunition Plant**  
          **Group(s):**     **Early Interim Action At Burning Ground No. 3**  
          **Site(s):**     **LHAAP-18 & LHAAP-24 Burning Ground / Washout Pond & Unlined Evaporation Pond**  
          **Location:**     **Longhorn Army Ammunition Plant, Karnack, Texas**  
          **Recipient:**    **Mr. H. L. Jones, Texas Natural Resource Conservation Commission**

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Agency: U. S. Army Corps Of Engineer  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Date: September 12, 1995  
Bate Stamp: 015672

X. Title: Memorandum For Commander - Subject: Review of Record of Decision for No Further Action at LHAAP 13 & 14 for Longhorn Army Ammunition Plant

Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Jack M. Heller, Ph. D. Acting Program Manager, Health Risk Assessment and Risk Communication

Recipient: Jonna Polk, U.S. Army Corps of Engineers, Tulsa District  
Date: September 20, 1995  
Bate Stamp: 015673-015674

Y. Title: Letter - Subject: Transmittal of Draft Project Work Plans Interim Remedial Action at Landfill Sites 12 and 16,

Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army

Recipient: Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: September 21, 1995  
Bate Stamp: 015675

Z. Title: Letter - Subject: Transmittal of Draft Project Work Plans Interim Remedial Action at Landfill Sites 12 and 16

Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill

Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army

Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: September 21, 1995  
Bate Stamp: 015676

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- A.     **Title:**            Letter - Subject: Transmittal of Draft Project Work Plans Interim Remedial Action at Landfill Sites 12 and 16  
          **Group(s):**       Landfill Caps Interim Action  
          **Site(s):**        LHAAP-12 Active Landfill  
                          LHAAP-16 Old Landfill  
          **Location:**     Longhorn Army Ammunition Plant, Marshall, Texas  
          **Agency:**     Department of The Army, Longhorn Army Ammunition Plant  
          **Author(s):**     Darrell W. Chinn, Captain, U.S. Army  
          **Recipient:**    Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
          **Date:**         September 21, 1995  
          **Bate Stamp:**  015677
- B.     **Title:**            Memorandum for Commander- Subject: Review of the Group 5 Draft Work Plan for Preliminary Assessment Site Investigations for Longhorn Army Ammunition Plant, Karnack, Texas, Prepared by Sverdrup Environmental, August 1995  
          **Group(s):**       5  
          **Site(s):**        LHAAP-50 Former Waste Disposal Facility  
                          LHAAP-52 Magazine Washout Area  
                          LHAAP-17 No. 2 Flashing Area / Burning Ground  
                          LHAAP-60 Former Storage Building 411 and 714  
                          LHAAP-63 Burial Pits  
          **Location:**     Longhorn Army Ammunition Plant, Marshall, Texas  
          **Agency:**     Department Of The Army, Longhorn Army Ammunition Plant  
          **Author(s):**     Jack M. Heller, Ph. D., Acting Program Manager, Health Risk Assessment and Risk Communication  
          **Recipient:**    Jonna Polk, U. S. Army Corps of Engineers, Tulsa District  
          **Date:**         September 27, 1995  
          **Bate Stamp:**  015678
- C.     **Title:**            Record of Decision - For Early Interim Remedial Action at Landfill Sites 12 and 16, Longhorn Army Ammunition Plant, Karnack, Texas  
          **Group(s):**       Landfill Caps Interim Action  
          **Site(s):**        LHAAP-12 Active Landfill  
                          LHAAP-16 Old Landfill  
          **Location:**     Longhorn Army Ammunition Plant, Marshall, Texas  
          **Agency:**     U.S. Army Corps of Engineers  
          **Author(s):**     U.S. Army Corps of Engineers  
          **Recipient:**    U.S. Public  
          **Date:**         September 27, 1995  
          **Bate Stamp:**  015679-015857



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D.      **Title:**            Report - Chemical Data Validation Report August and September 1995 Chemical Data at Longhorn Army Ammunition Plant Harrison Bayou  
          **Site(s):**        Harrison Bayou  
          **Location:**    Longhorn Army Ammunition Plant, Marshall, Texas  
          **Agency:**     U.S. Army Corps of Engineers, Tulsa District  
          **Author(s):**    U.S. Army Corps of Engineers, Tulsa District  
          **Recipient:**  U.S. Army Corps of Engineers, Tulsa District  
          **Date:**         October, 1995  
          **Bate Stamp:**  015858-016226

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- E. Title: Letter - Subject: Agendas for Meetings, Longhorn Army Ammunition Plant  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Company: Environmental Protection Agency  
Author(s): Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: October 3, 1995  
Bate Stamp: 016227
- F. Title: Letter - Subject: Transmittal of Final Record of Decision and Request for Concurrence  
Letter for LHAAP Sites 13 & 14 at Longhorn Army Ammunition Plant  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Executive Director (M-143), Texas Natural Resource Conservation Commission  
Date: October 5, 1995  
Bate Stamp: 016228
- G. Title: Final Plan - Transmittal of Final Work Plan for the Preliminary Assessment Site  
Investigations Group No. 5 at Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 5  
Site(s): LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
Date: October 5, 1995  
Bate Stamp: 016229
- H. Title: Final Plan - Transmittal of Final Work Plan for the Preliminary Assessment Site  
Investigations Group No. 5 at Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 5  
Site(s): LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits

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1995

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Darrell W. Chinn, Captain, U.S. Army  
**Recipient:** Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
**Date:** October 5, 1995  
**Bate Stamp:** 016230

**I. Title:** Final Plan - Transmittal of Final Work Plan for the Preliminary Assessment Site Investigations Group No. 5 at Longhorn Army Ammunition Plant, Karnack, Texas

**Group(s):** 5  
**Site(s):** LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department Of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Darrell W. Chinn, Captain, U.S. Army  
**Recipient:** Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
**Date:** October 5, 1995  
**Bate Stamp:** 016231

**J. Title:** Letter - Subject: EPA's Transmittal of Comments for Draft Project Work Plans Interim Remedial Action at Landfill Sites 12 and 16

**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement  
**Recipient:** Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
**Date:** October 9, 1995  
**Bate Stamp:** 016232 - 016234

**K. Title:** Letter - Subject: Response to EPA's Comments on Design Work Plan Interim Remedial Action at Burning Ground No. 3, Longhorn Army Ammunition Plant

**Group(s):** Early Interim Action At Burning Ground No. 3  
**Site(s):** LHAAP-18 & LHAAP-24 Burning Ground/Washout Pond & Unlined Evaporation Pond

**Location:** Longhorn Army Ammunition Plant, Karnack, Texas  
**Recipient:** Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
**Agency:** Department of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
**Date:** October 9, 1995  
**Bate Stamp:** 016235 - 016238

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1995

- L. Title: Letter - Subject: October 1995 Project Coordinators Meeting  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Company: Environmental Protection Agency  
Author(s): Lisa Price, Remedial Project Manager, Superfund Texas Enforcement  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Date: October 9, 1995  
Bate Stamp: 016239
- M. Title: Letter - Subject: Comments on Army's Responses to TNRCC's Comments on General Work Plan Interim Remedial Action at Burning Ground No. 3, Longhorn Army Ammunition Plant  
Group(s): Early Interim Action At Burning Ground No. 3  
Site(s): LHAAP-18 & LHAAP-24 Burning Ground/Washout Pond & Unlined Evaporation Pond  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Recipient: Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: October 10, 1995  
Bate Stamp: 016240-016270
- N. Title: Letter - Subject: Transmittal of Draft Final Site Characterization Summary for the Remedial Investigation for Group 1 Sites for LHAAP in Karnack, Texas  
Group(s): I  
Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site at Avenues P and Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of the Army, LHAAP  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Ms. Lisa Price, Superfund Enforcement, USEPA  
Date: October 16, 1995  
Bate Stamp: 016271
- O. Title: Letter - Subject: Transmittal of Draft Final Site Characterization Summary for the Remedial Investigation for Group 1 Sites for LHAAP in Karnack, Texas  
Group(s): I  
Site(s): LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site at Avenues P and Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area

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1995

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department of the Army, LHAAP  
**Author(s):** Darrell W. Chinn, Captain, U.S. Army  
**Recipient:** Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
**Date:** October 16, 1995  
**Bate Stamp:** 016272

**P. Title:** Letter - Subject: Transmittal of Draft Final Site Characterization Summary for the Remedial Investigation for Group 1 Sites for LHAAP in Karnack, Texas

**Group(s):** 1  
**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site at Avenues P and Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department of the Army, LHAAP  
**Author(s):** Darrell W. Chinn, Captain, U.S. Army  
**Recipient:** Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
**Date:** October 16, 1995  
**Bate Stamp:** 016273

**Q. Title:** Letter - Subject: Transmittal of TNRCC's Comments on Draft Project Work Plan of Landfill Sites 12 and 16

**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
**Recipient:** Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
**Date:** October 17, 1995  
**Bate Stamp:** 016274 - 016276

**R. Title:** Letter - Subject: Transmittal of Army's Responses to TNRCC's Comments on Interim Remedial Action Preliminary Design at Landfill Sites 12 and 16

**Group(s):** Landfill Caps Interim Action  
**Site(s):** LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas  
**Agency:** Department of The Army, Longhorn Army Ammunition Plant  
**Author(s):** Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
**Recipient:** Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant  
**Date:** October 17, 1995  
**Bate Stamp:** 016277-016309

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1995

- S. Title: Letter - Subject: Transmittal of Draft Phase II Investigations of 125 Waste Process Sumps  
And 20 Waste Rack Sumps  
Group(s): 4  
Site(s): LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Ms. Lisa Price, Superfund Enforcement, USEPA  
Date: October 19, 1995  
Bate Stamp: 016310
- T. Title: Letter - Subject: Transmittal of Draft Phase II Investigations of 125 Waste Process Sumps  
And 20 Waste Rack Sumps  
Group(s): 4  
Site(s): LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Michael A. Moore, RI / FS II Unit, Superfund Investigation Section  
Date: October 19, 1995  
Bate Stamp: 016311
- U. Title: Letter - Subject: Transmittal of Draft Phase II Investigations of 125 Waste Process Sumps  
And 20 Waste Rack Sumps  
Group(s): 4  
Site(s): LHAAP-35 Process Wastewater Sumps - Various  
LHAAP-36 Explosive Waste Pads  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U.S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: October 19, 1995  
Bate Stamp: 016312
- V. Title: Letter - Subject: Cultural Resources Inventory of a Suspected High Explosive Dump Site  
at Longhorn Army Ammunition Plant  
Group(s): 5  
Site(s): LHAAP-50 Former Waste Disposal Facility  
LHAAP-52 Magazine Washout Area  
LHAAP-17 No. 2 Flashing Area / Burning Ground  
LHAAP-60 Former Storage Building 411 and 714  
LHAAP-63 Burial Pits  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of the Army, LHAAP  
Author(s): G. David Steele, P. E., Chief, Planning Division, U. S. Corps of Engineers, Tulsa District

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1995

Recipient: Mr. Curtis Tunnell, Executive Director, Texas Historical Commission, Department of Antiquities Protection  
Date: October 19, 1995  
Bate Stamp: 016313-016321

W. Title: Memorandum for Commander - Subject: Review of the Draft Site Work Plan for Interim Remedial Action at Landfill Sites 12 and 16  
Group(s): Landfill Caps Interim Action  
Site(s): LHAAP-12 Active Landfill  
LHAAP-16 Old Landfill  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Jack M. Heller, Ph. D., Acting Program Manager, Health Risk Assessment and Risk Communication  
Recipient: Jonna Polk, U.S. Army Corps of Engineers, Tulsa District  
Date: October 24, 1995  
Bate Stamp: 016322

X. Title: Letter - Subject: Record of Decision Concurrence for LHAAP Sites 13 & 14 at Longhorn Army Ammunition Plant  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Dan Pearson, Executive Director, Texas Natural Resource Conservation Commission  
Recipient: Mr. Myron O. Knudson, P.E., Director Superfund Division, U.S. Environmental Protection Agency  
Date: October 30, 1995  
Bate Stamp: 016323

Y. Title: Letter - Subject: Transmittal of Record of Decision for No Further Action at LHAAP Sites 13 & 14 at Longhorn Army Ammunition Plant  
Group(s): 3  
Site(s): LHAAP-13 Suspected TNT Burial Between Active Landfill And Old Landfill  
LHAAP-14 Area 54 Burial Ground  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department Of The Army, Longhorn Army Ammunition Plant  
Author(s): Michael A. Moore, RI / FS II Unit, Superfund Investigation Section

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1995

**Recipient:** Ms. Lisa Price, Superfund Enforcement, USEPA  
**Date:** October 30, 1995  
**Bate Stamp:** 016324

**Z. Title:** Letter - Subject: Transmittal of EPA's Comments on Site Characterization Summary for the Remedial Investigation for Group 1 Sites for LHAAP in Karnack, Texas

**Group(s):** 1

**Site(s):** LHAAP-1 Inert Burning Grounds  
LHAAP-11 Suspected TNT Burial Site at Avenues P and Q  
LHAAP-27 South Test Area  
LHAAP-54 or LHAAP-XX Ground Signal Test Area

**Location:** Longhorn Army Ammunition Plant, Marshall, Texas

**Agency:** Department of the Army, LHAAP

**Author(s):** Ms. Lisa Price, Superfund Enforcement, USEPA

**Recipient:** Mr. David Tolbert, Project Manager, Longhorn Army Ammunition Plant

**Date:** November 1, 1995

**Bate Stamp:** 016325-016327



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1995

A.     **Title:**            **Letter - Subject: Reply to Ms. Johnson's Letter to Ms. Saginaw Regarding Attendance at Project Manager's Meetings**  
          **Site(s):**         **General**  
          **Location:**    **Longhorn Army Ammunition Plant, Marshall, Texas**  
          **Company:**     **Environmental Protection Agency**  
          **Author(s):**   **James McPherson, Commanders Representative, Longhorn/Louisiana Army Ammunition Plants**  
          **Recipient:**  **Ms. Lisa Price, Superfund Enforcement, USEPA**  
          **Date:**         **November 7, 1995**  
          **Bate Stamp:** **016328**

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**1995**

- A. Title: Minutes - Subject: TRC Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: September 12, 1995  
Bate Stamp: 016329
- B. Title: Letter - Subject: Site Characterization Summary Report Remedial Investigation Sites 11, 1, XX, 27 (w/enclosure)  
Longhorn Army Ammunition Plant  
Group(s): 1  
Site(s): 1, 11, XX, 27  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Ms. Lisa Marie Price, Remedial Project Manager, Superfund Division  
Recipient: Mr. David Tolbert, Project Manager  
Date: November 1, 1995  
Bate Stamp: 016330-016332
- C. Title: Letter - Subject: Longhorn Army Ammunition Plant, Draft Final Site Characterization Summary Report for the Remedial Investigation Sites 1, 11, XX, 27 (w/enclosure)  
Group(s): 1  
Site(s): Sites 1, 11, XX, 27  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael A. Moore, RI/FS Unit, Superfund Investigation Section  
Recipient: Mr. David Tolbert, Project Manager  
Date: November 14, 1995  
Bate Stamp: 016333-016334
- D. Title: Letter - Subject: LHAAP - Draft Phase II Investigations of 125 Waste Process Sumps and 20 Waste Rack Sumps  
Group(s): 4  
Site(s): 35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael A. Moore, RI/FS II Unit, Superfund Investigation Section  
Recipient: Mr. David Tolbert, Project Manager  
Date: November 16, 1995  
Bate Stamp: 016335
- E. Title: Letter - Subject: Results of Phase II Investigation of 125 Waste Process Sumps and 20 Waste Rack Sumps, LHAAP  
Group(s): 4  
Site(s): 35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant

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- Agency: United States Environmental Protection Agency  
Author(s): Ms. Lisa Marie Price, Remedial Project Manager, Superfund Division  
Recipient: Mr. David Tolbert, Project Manager  
Date: November 17, 1995  
Bate Stamp: 016336-016337
- F. Title: Memorandum - Subject: Review of the Site Characterization Summary Report for the Remedial Investigation of Sites II, I, XX, and 27 at LHAAP, Karnack, Texas, October, 1995, Prepared by Sverdrup Environmental, Inc.
- Group(s): 1  
Site(s): 1, 11, XX, 27  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army  
Author(s): Jack M. Heller, Ph.D, Acting Program Manager, Health Risk Assessment and Risk Communication  
Recipient: Commander, U.S. Army Corps of Engineers, Tulsa District, ATTN: CESWP-PP-EA/Ms. Jonna Polk  
Date: December 1, 1995  
Bate Stamp: 016338
- G. Title: Memorandum - Subject: Review of the Draft Baseline Risk Assessments Group I Sites (Sites I, II, 27 and XX) at Longhorn Army Ammunition Plant, Karnack, Texas, October 1995
- Group(s): 1  
Site(s): 1, 11, XX, 27  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army  
Author(s): Jack M. Heller, Ph.D., Acting Program Manager, Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, ATTN: CESWT-PP-EA/Ms. Jonna Polk  
Date: December 8, 1995  
Bate Stamp: 016339
- H. Title: Letter - Subject: LHAAP - Interim Remedial Action, Burning Ground No. 3, Phase III Work Plan, Volumes 1 through 5, Monitoring and Reporting Requirements for Plant Discharges (w/enclosures)
- Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael A. Moore, RI/FS II Unit, Superfund Investigation Section  
Recipient: Mr. David Tolbert, Project Manager  
Date: December 13, 1995  
Bate Stamp: 016340-016349
- I. Title: Letter - Subject: Ground Water Models
- Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Environmental Protection Agency

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Author(s): Ms. Lisa Marie Price, Remedial Project Manager, Superfund Division  
Recipient: Mr. David Tolbert, Project Manager  
Date: December 15, 1995  
Bate Stamp: 016350-016351

- J. Title: Letter - Subject: Progress at Superfund Sites in Texas  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: TDC  
Author(s): Mr. Mark Chance  
Recipient: Mr. Sam Becker, Chief, Superfund Enforcement Branch, U. S. Environmental Protection Agency  
Date: December 26, 1995  
Bate Stamp: 016352
- K. Title: General Work Plan - Subject: Interim Remedial Action, Burning Ground No. 3, Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Dow Environmental  
Author(s): Dow Environmental  
Recipient: Corps of Engineers  
Date: December 28, 1995  
Bate Stamp: 016353-016708

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**1996**

- A. Title: Report - Subject: Final Work Plan for the Site 16 - Old Landfill Groundwater Control System  
Group(s): 2  
Site(s): 16  
Location: Longhorn Army Ammunition Plant  
Agency: Sverdrup Environmental, Inc.  
Author(s): Sverdrup Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: January 1996  
Bate Stamp: 016709-016753
- B. Title: Letter - Subject: Final Workplan for Phase III Interim Remedial Action at Burning Ground 3 for Longhorn Army Ammunition Plant in Karnack, Texas  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Longhorn Army Ammunition Plant  
Author(s): Darrell W. Chinn, Captain, U. S. Army  
Recipient: Mr. Michael Moore, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Date: January 3, 1996  
Bate Stamp: 016754
- C. Title: Final Work Plan - Subject: Interim Remedial Action, Burning Ground No. 3, Longhorn Army Ammunition Plant, Karnack, TX - Volumes 2 to 5  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Dow Environmental  
Author(s): Dow Environmental  
Recipient: Corps of Engineers  
Date: January 4, 1996  
Bate Stamp: 016755-017237
- D. Title: Memorandum - Subject: Draft Air Monitoring Plan for Phase III Interim Remedial on at Burning Ground 3, Longhorn Army Ammunition Plant (LHAAP)  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Army Corps of Engineers  
Author(s): Mr. Clif B. Warren, P. E., Resident Engineer  
Recipient: Chief, CESWT-PP-EA  
Date: January 5, 1996  
Bate Stamp: 017238
- E. Title: Memorandum - Subject: Final Workplans for Phase III Interim Remedial Action at Burning Ground 3, Longhorn Army Ammunition Plant (LHAAP)

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Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Army Corps of Engineers  
Author(s): Mr. Clif B. Warren, P. E., Resident Engineer  
Recipient: Chief, CESWT-PP-EA  
Date: January 5, 1996  
Bate Stamp: 017239

F. Title: Letter - Subject: Volumes II-V of the Final Workplan for the Phase III Interim Remedial Action at Burning Ground 3 and Air Monitoring Plan for Longhorn Army Ammunition Plant in Karnack, Texas

Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army  
Author(s): Darrell W. Chinn, Captain, U. S. Army  
Recipient: Ms. Lisa Price, Superfund Division, U.S. Environmental Protection Agency  
Date: January 9, 1996  
Bate Stamp: 017240

G. Title: Letter - Subject: Volumes II-V of the Final Workplan for the Phase III Interim Remedial Action at Burning Ground 3 and Air Monitoring Plan for Longhorn Army Ammunition Plant in Karnack, Texas

Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of the Army  
Author(s): Darrell W. Chinn, Captain, U. S. Army  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: January 9, 1996  
Bate Stamp: 017241

H. Title: Letter - Subject: Volumes II-V of the Final Workplan for the Phase III Interim Remedial Action at Burning Ground 3 and Air Monitoring Plan for Longhorn Army Ammunition Plant in Karnack, Texas

Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of the Army  
Author(s): Darrell W. Chinn, Captain, U. S. Army  
Recipient: Mr. Michael Moore, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Date: January 9, 1996  
Bate Stamp: 017242

I. Title: Minutes - Subject: Monthly Manager's Meeting

Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: January 18, 1996

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Bate Stamp: 017243-017244

- J. Title: Memorandum - Subject: Review of the Draft Final Baseline Risk Assessments, Group 1 Sites (Sites 1, 11, 27, and XX) at Longhorn Army Ammunition Plant, Karnack, TX, December, 1995
- Group(s): 1  
Site(s): 1, 11, XX and 27  
Location: Longhorn Army Ammunition Plant  
Agency: Dept. of The Army, U. S. Army Center for Health Promotion and Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr., Health Risk Assessment and Risk Communication  
Recipient: Ms. Jonna Polk  
Date: January 19, 1996  
Bate Stamp: 017245
- K. Title: Letter - Subject: Baseline Risk Assessments, Group #1 Sites (Sites 1, 11, 27, XX) Longhorn Army Ammunition Plant
- Group(s): 1  
Site(s): 1, 11, XX, 27  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Environmental Protection Agency  
Author(s): Ms. Lisa Price, Remedial Project Manager, Superfund Division  
Recipient: Mr. David Tolbert, Project Manager  
Date: January 23, 1996  
Bate Stamp: 017246
- L. Title: Letter - Subject: General Work Plan, Interim Remedial Action, Burning Ground No. 3, Longhorn Army Ammunition Plant
- Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Environmental Protection Agency  
Author(s): Ms. Lisa Marie Price, Remedial Project Manager, Superfund Division  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: January 26, 1996  
Bate Stamp: 017247-017248
- M. Title: Letter - Subject: Longhorn Army Ammunition Plant, Time Critical Removal Action (TCRA) at Landfill Site 16, Air Emission Requirements
- Group(s): 2  
Site(s): 16  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael A. Moore, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: January 30, 1996  
Bate Stamp: 017249

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- N. Title: Letter - Subject: Longhorn Army Ammunition Plant  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Division  
Author(s): Mr. Timothy G. Dobbs, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Cpt. Darrell W. Chinn, Executive Officer  
Date: January 31, 1996  
Bate Stamp: 017250
- O. Title: Letter - Subject: Group #4 Risk Assessment Ground Water Sampling, Analyte Selection and Well Location Plan, Longhorn Army Ammunition Plant  
Group(s): 4  
Site(s): Wastewater Sumps (Site 35)  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Environmental Protection Agency  
Author(s): Ms. Lisa Marie Price, Remedial Project Manager, Superfund Division  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: February 5, 1996  
Bate Stamp: 017251-017252
- P. Title: Letter - Subject: Change in EPA Project Manager  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Environmental Protection Agency  
Author(s): Ms. Lisa Marie Price, Remedial Project Manager  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: February 5, 1996  
Bate Stamp: 017253
- Q. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 4 Risk Assessment, Groundwater Sampling: Analyte Selection and Well Location Plan (w/enclosure)  
Group(s): 4  
Site(s): Wastewater Sumps (Site 35)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael A. Moore, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Capt. Darrell W. Chinn, Executive Officer  
Date: February 5, 1996  
Bate Stamp: 017254-017255
- R. Title: Letter - Subject: Longhorn Army Ammunition Plant, Interim Remedial Action at Burning Ground No. 3, Final General Work Plan, Volumes 1-5  
Group(s): 2  
Site(s): Burning Ground No 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael A. Moore, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Capt. Darrell W. Chinn, Executive Officer  
Date: February 7, 1996  
Bate Stamp: 017256



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- S. Title: Letter - Subject: Longhorn Army Ammunition Plant, Interim Remedial Action at Burning Ground No. 3, Air Monitoring Plan  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael A. Moore, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Capt. Darrell W. Chinn, Executive Officer  
Date: February 9, 1996  
Bate Stamp: 017257
- T. Title: Letter - Subject: Group #1 Baseline Risk Assessment, Sites 1, 11, 27, XX, Longhorn Army Ammunition Plant (w/enclosure)  
Group(s): 1  
Site(s): 1, 11, XX, 27  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Environmental Protection Agency  
Author(s): Ms. Lisa Marie Price, Remedial Project Mgr., Superfund Division  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: February 9, 1996  
Bate Stamp: 017258-017265
- U. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 1 Risk Assessment  
Group(s): 1  
Site(s): 1, 11, XX, 27  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael A. Moore, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: February 12, 1996  
Bate Stamp: 017266-017269
- V. Title: Letter - Subject: Air Monitoring Plan, Interim Remedial Action for Burning Ground No. 3 (w/enclosure)  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Environmental Protection Agency  
Author(s): Ms. Lisa Marie Price, Remedial Project Mgr.  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: February 13, 1996  
Bate Stamp: 017270-017271
- W. Title: Memorandum - Subject: Baseline Risk Assessment, Draft Final, Group 1 Sites (Sites 1, 11, 27 and XX), Longhorn Army Ammunition Plant  
Group(s): 1  
Site(s): 1, 11, 27, and XX  
Location: Longhorn Army Ammunition Plant

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Agency: Subra Company  
Author(s): Ms. Wilma Subra  
Recipient: Mr. David Tolbert  
Date: February 22, 1996  
Bate Stamp: 017272

- X. Title: Letter - Subject: Harrison Bayou Sediment and Surface Water Chemical Data, August and September 1995, and Data Validation Report, Longhorn Army Ammunition Plant, Marshall, Texas
- Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James A. McPherson, Commander's Representative  
Recipient: Ms. Lisa Price, Superfund Enforcement, U. S. Environmental Protection Agency  
Date: February 26, 1996  
Bate Stamp: 017273
- Y. Title: Letter - Subject: Harrison Bayou Sediment and Surface Water Chemical Data, August and September 1995, and Data Validation Report, Longhorn Army Ammunition Plant, Marshall, Texas (w/enclosure)
- Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James A. McPherson, Commander's Representative  
Recipient: Ms. Diane Poteet, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Date: February 26, 1996  
Bate Stamp: 017274-017275
- Z. Title: Minutes - Subject: Monthly Manager's Meeting
- Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: February 28, 1996  
Bate Stamp: 017276-017277

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**1996**

- A. Title: Letter - Subject: Longhorn Army Ammunition Plant, Management of Investigation  
Derived Waste  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section,  
Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative, Longhorn Army  
Ammunition Plant  
Date: March 5, 1996  
Bate Stamp: 017278-017279
- B. Title: Letter - Subject: Longhorn Army Ammunition Plant, Interim Remedial Action at  
Landfill Sites 12 & 16, Draft Project Work Plans  
Group(s): 2  
Site(s): 12 & 16  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section,  
Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative, Longhorn Army  
Ammunition Plant  
Date: March 13, 1996  
Bate Stamp: 017280
- C. Title: Memorandum - Subject: Review of the Draft Group Four Baseline Risk  
Assessment Work Plan, Longhorn Army Ammunition Plant, Karnack, Texas, 26  
January 1996  
Group(s): 4  
Site(s): 35 (Sumps)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U. s. Army Center for health Promotion and Preventive  
Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Manager, Health Risk Assessment and  
Risk Communication  
Recipient: Ms. Jonna Polk, U. S. Army Engineering District, Tulsa  
Date: March 19, 1996  
Bate Stamp: 017281
- D. Title: Letter - Subject: EPA's Draft Comments on the Draft Project Work Plans, Interim  
Remedial Action (Landfills 12 & 16) (w/enclosures)  
Group(s): 2  
Site(s): Landfill Caps (12 & 16)  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Remedial Project Manager

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- Recipient: Mr. David Tolbert, Project Mgr.  
Date: March 22, 1996  
Bate Stamp: 017282-017284
- E. Title: Memorandum - Subject: Review of the Draft Project Work Plans for the Interim Remedial Action for Landfills 12 & 16 Caps, for Longhorn Army Ammunition Plant, Karnack, Texas, 30 January 1996
- Group(s): 2  
Site(s): Landfill Caps (12 & 16)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion & Preventive Medicine  
Author(s): Arthur P. Lee, P.O. MAJ, MS, Program Mgr., Health Risk Assessment & Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, ATTN: CESWT-PP-EA/Ms. Jonna Polk  
Date: March 25, 1996  
Bate Stamp: 017285
- F. Title: Letter - Subject: Longhorn Army Ammunition Plant, Interim Remedial Action at Landfill Sites 12 & 16, Draft Project Work Plans (w/enclosures)
- Group(s): 2  
Site(s): 12 & 16 (Landfills)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative, Longhorn Army Ammunition Plant  
Date: March 25, 1996  
Bate Stamp: 017286-017288
- G. Title: Letter - Subject: Air Monitoring Plan, Interim Remedial Action for Burning Ground No. 3, Longhorn Army Ammunition Plant
- Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Remedial Project Mgr.  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: March 25, 1996  
Bate Stamp: 017289
- H. Title: FACT SHEET - Subject: Restoration Advisory Board
- Site(s): General  
Location: Longhorn Army Ammunition Plant  
Agency: U. S. Army Industrial Operations Command  
Author(s): External Affairs Office, Rock Island, IL 61299  
Recipient: Public - Local Area Residents  
Date: March 29, 1996  
Bate Stamp: 017290-017291

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- I. Title: Minutes - Subject: Technical Review Committee Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: April 2, 1996  
Bate Stamp: 017292-017293
- J. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2, Phase 2, RI. Sampling & Data Results Report & Laboratory Data Validation Report  
Group(s): 2  
Site(s): 12, 17, 18, 24, 29 & 32  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: April 8, 1996  
Bate Stamp: 017294
- K. Title: Report - Subject: Final Air Monitoring Plan, Interim Remedial Action, Burning Ground No. 3  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Dow Environmental, Inc.  
Author(s): Dow Environmental  
Recipient: United States Corps of Engineers, Tulsa & Ft. Worth Districts  
Date: April 16, 1996  
Bate Stamp: 017295-017422
- L. Title: Memorandum - Subject: Review of the Laboratory Data Validation Report for the Phase 2, Group 2 Sites, Remedial Investigation at the Longhorn Army Ammunition Plant (LHAAP), Karnack, TX, March 1996 (w/enclosure)  
Group(s): 2  
Site(s): 12, 16, 17, 18, 24, 29, 32  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion and Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr.  
Recipient: Ms. Jonna Polk, U.S. Army Corps of Engineers, Tulsa District  
Date: April 22, 1996  
Bate Stamp: 017423-017424
- M. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 4, Wastewater Sumps  
Group(s): 4  
Site(s): Wastewater Sumps (Site 35)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Michael Moore, Assistant Project Mgr., RI/FS Unit, Superfund Investigation Section, Pollution Cleanup Section

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Recipient: Mr. James A. McPherson, Commander's Representative  
Date: April 29, 1996  
Bate Stamp: 017425-017427

- N. Title: Minutes - Subject: Monthly Manager's Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: May 7, 1996  
Bate Stamp: 017428-017429
- O. Title: Letter - Subject: Longhorn Army Ammunition Plant, Future Land Use Determination  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section,  
Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: May 13, 1996  
Bate Stamp: 017430-017431
- P. Title: Letter - Subject: Longhorn Army Ammunition Plant, Interim Remedial Action -  
Landfills 12 & 16 Caps, Draft Final Project Work Plans and Interim Remedial Action,  
Burning Ground No. 3, Final Air Monitoring Plan  
Group(s): 2, 3  
Site(s): Landfill Caps, Burning Ground (12 & 16 - 18 & 24)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Remedial Project Mgr., Superfund Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: May 15, 1996  
Bate Stamp: 017432-017433
- Q. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 1 Sites, Draft Final  
Remedial Investigation Report (w/enclosure)  
Group(s): 1  
Site(s): Remedial Investigation (1, 11, XX, 27)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section,  
Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: May 16, 1996  
Bate Stamp: 017434-017435
- R. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Interim Remedial  
Action at Landfill Sites 12 & 16 (w/enclosure)  
Group(s): 2  
Site(s): 12 & 16 (Landfills)  
Location: Longhorn Army Ammunition Plant

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Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section,  
Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: May 17, 1996  
Bate Stamp: 017436-017439

- S. Title: Report - Subject: Final Project Work Plans Removal and Closure of Wastewater Sumps  
Group(s): 4  
Site(s): 35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant  
Agency: OHM Remediation Services Corporation  
Author: OHM  
Recipient: U.S. Army Corps of Engineers  
Date: May 20, 1996  
Bate Stamp: 017440-017828
- T. Title: Letter - Subject: Longhorn Army Ammunition Plant, Draft Final Group 4 Baseline Risk Assessment Work Plan and Draft Final Remedial Investigation Report Group 1 Sites  
Group(s): 1 & 4  
Site(s): 1, 11, XX, 27  
35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Remedial Project Mgr., Superfund Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: May 20, 1996  
Bate Stamp: 017829-017830
- U. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Time Critical Removal Action at Landfill Site 16, Draft Design Analysis Report (w/enclosure)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section,  
Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: May 22, 1996  
Bate Stamp: 017831-017832
- V. Title: Letter - Subject: Final Project Work Plans, Removal and Closure of Wastewater Sumps  
Group(s): 4  
Site(s): Wastewater Sumps (35)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission

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Date: May 22, 1996  
Bate Stamp: 017833

- W. Title: Memorandum - Subject: Review of the Draft Comprehensive Chemical Data Acquisition Plan for the Remedial Investigation/Feasibility Study at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, April, 1996 (w/enclosure)
- Group(s): 1  
Site(s): 1, 11, XX and 27  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U. S. Center for Health Promotion & Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr., Environmental Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa. ATTN: CESWT-PP-EA/Ms. Jonna Polk  
Date: May 22, 1996  
Bate Stamp: 017834-017835
- X. Title: Memorandum - Subject: Review of Final Air Monitoring Plan, Interim Remedial Action at Burning Ground No. 3, Longhorn Army Ammunition Plant, Karnack, TX, Prepared by Dow Environmental, Inc., 16 April 1996 (w/enclosures)
- Group(s): 2  
Site(s): Burning Ground #3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion & Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr., Environmental Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, ATTN: CESWT-PP-EA/Ms. Jonna Polk  
Date: May 22, 1996  
Bate Stamp: 017836-017838
- Y. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 4 sites - Baseline Risk Assessment Work Plan (w/enclosure)
- Group(s): 4  
Site(s): 35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: May 23, 1996  
Bate Stamp: 017839-017843
- Z. Title: Letter - Subject: Longhorn Army Ammunition Plant, EPA's Comments on the Draft Design Analysis Report for the Site 16 (Old Landfill) Time Critical Removal Action (w/enclosure)
- Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency



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Author(s): Mr. Chris G. Villarreal, Remedial Project Manager  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: May 23, 1996  
Bate Stamp: 017844-017850

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- A. Title: Memorandum - Subject: Review of the Draft Final Remedial Investigation (RI) Report for Group 1 Sites, Longhorn Army Ammunition Plant, Karnack, Texas, April 1996
- Group(s): 1  
Site(s): 1, 11, XX, 27  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion & Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr., Environmental Health Risk Assessment & Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, ATTN: CESWT-PP-EA/Ms. Jonna Polk  
Date: May 28, 1996  
Bate Stamp: 017851
- B. Title: Memorandum - Subject: Review of the Draft Final Work Plans, Interim Remedial Action - Landfills 12 & 16 Caps, Longhorn Army Ammunition Plant, Karnack, Texas, 30 April 1996
- Group(s): 2  
Site(s): 12 & 16 (Landfills)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion & Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr., Environmental Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, ATTN: CESWT-PP-EA/Ms. Jonna Polk  
Date: May 28, 1996  
Bate Stamp: 017852
- C. Title: Memorandum - Subject: Review of the Draft Field Summary Report for Phase 2 Group 2 Sites (12, 16, 17, 18/24, 29, and 32) Remedial Investigation, Longhorn Army Ammunition Plant, Karnack, Texas, May 1996
- Group(s): 2  
Site(s): 12, 16, 17, 18/24, 29 and 32 (Remedial Investigation/Feasibility Study)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U. S. Army Center for Health Promotion and Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr., Environmental Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U. S. Army Engineering District, Tulsa, ATTN: CESWT-PP-EA/Ms. Jonna Polk  
Date: June 4, 1996  
Bate Stamp: 017853
- D. Title: Minutes - Subject: TRC Meeting  
Group(s): All

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Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: June 4, 1996  
Bate Stamp: 017854-017855

- E. Title: Report - Subject: Final Project Work Plans, Appendix G - Project Specifications, Appendix H - Construction Drawings, Interim Remedial Action, Landfills 12 & 16 Caps  
Group(s): 2  
Site(s): Landfills 12 & 16  
Location: Longhorn Army Ammunition Plant  
Agency: OHM Remediation Services Corp.  
Author(s): OHM  
Recipient: U. S. Army Corps of Engineers  
Date: June 6, 1996  
Bate Stamp: 017856-017907
- F. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Time Critical Action at Landfill Site 16 - Draft Design Analysis Report and May 29, 1996 Meeting Handouts - TNRCC Comments (w/enclosure)  
Group(s): 2  
Site(s): Landfill Site 16  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: June 6, 1996  
Bate Stamp: 017908-017909
- G. Title: Letter - Subject: Final Project Work Plans, Interim Remedial Action, Landfills 12 & 16 Caps, Appendix G - Project Specifications, Appendix H - Construction Drawings (w/enclosure)  
Group(s): 2  
Site(s): Landfills 12 & 16 Caps  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: June 10, 1996  
Bate Stamp: 017910
- H. Title: Letter - Subject: Final Project Work Plans, Interim Remedial Action, Landfills 12 & 16 Caps, Appendix G - Project Specifications, Appendix H - Construction Drawings (w/enclosure)  
Group(s): 2  
Site(s): Landfills 12 & 16 Caps  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. Chris Villarreal, U. S. Environmental Protection Agency

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Date: June 10, 1996  
Bate Stamp: 017911

- I. Title: Letter - Subject: Final Project Work Plans, Interim Remedial Action, Landfills 12 & 16 Caps, Appendix G - Project Specifications, Appendix H - Construction Drawings (w/enclosure)  
Group(s): 2  
Site(s): Landfills 12 & 16 Caps  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Ms. Diane Poteet, Texas Natural Resource Conservation Commission  
Date: June 10, 1996  
Bate Stamp: 017912
- J. Title: Letter - Subject: Group IV Sumps Groundwater Monitoring Quarterly Report  
Group(s): 4  
Site(s): 35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. Chris Villarreal, Superfund Division, U.S. Environmental Protection Agency  
Date: June 13, 1996  
Bate Stamp: 017913
- K. Title: Letter - Subject: Group IV Sumps Groundwater Monitoring Quarterly Report  
Group(s): 4  
Site(s): 35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: June 13, 1996  
Bate Stamp: 017914
- L. Title: Letter - Subject: Group IV Sumps Groundwater Monitoring Quarterly Report  
Group(s): 4  
Site(s): 35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Ms. Diane Poteet, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Date: June 13, 1996  
Bate Stamp: 017915
- M. Title: Report - Subject: Group IV Sumps, Groundwater Monitoring Quarterly Report, February 1996 Sampling Round  
Group(s): 4  
Site(s): 35 (Wastewater Sumps)  
Location: Longhorn Army Ammunition Plant

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Agency: U.S. Army Corps of Engineers  
Author(s): U.S. Army Corps of Engineers  
Date: June 1996  
Bate Stamp: 017916-017981

- N. Title: Letter - Subject: Longhorn Army Ammunition Plant, Final DERPMS/RMIS Resolution Document  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: June 25, 1996  
Bate Stamp: 017982
- O. Title: Memorandum - Subject: Water Supply for Installation Restoration Program (IRP) Effort at Longhorn Army Ammunition Plant (AAP)  
Site(s): Installation Restoration Program  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army  
Author(s): Mr. Robert J. Radkiewicz, DCS for Environmental Management  
Recipient: Commander's Representative, Longhorn Army Ammunition Plant, ATTN: SIOLH-OR (Mr. David Tolbert/Mr. James McPherson)  
Date: June 27, 1996  
Bate Stamp: 017983-017985
- P. Title: Letter - Subject: Agency Consent to Burning Ground #3 Work Plan Amendments and Landfill-16 TCRA Design Issues  
Group(s): 2, 3  
Site(s): Burning Ground #3 and Landfill 16 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Ms. Diane Poteet, Texas Natural Resource Conservation Commission, Superfund Investigation Section, Pollution Cleanup  
Date: July 10, 1996  
Bate Stamp: 017986-017987
- Q. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group IV Sumps Groundwater Monitoring Quarterly Report  
Group(s): 4  
Site(s): Sumps (Site 35)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: July 12, 1996  
Bate Stamp: 017988

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- R. Title: Letter - Subject: Longhorn Army Ammunition Plant, Final DERPMS/RMIS Resolution Document (w/enclosure)  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Authors(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: July 15, 1996  
Bate Stamp: 017989-017991
- S. Title: Memorandum - Subject: Group IV Sumps Groundwater Monitoring Quarterly Report  
Group(s): 4  
Site(s): Sumps (Site 35)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Headquarters, U.S. Army Industrial Operations Command, Rock Island, IL 61299-6000  
Authors(s): Mr. Henry Crain, Acting DCS for Environmental Management  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: July 17, 1996  
Bate Stamp: 017992-017993
- T. Title: Memorandum - Subject: Draft Final Design Analysis for the Site 16 (Old Landfill) Time Critical Removal Action  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Headquarters, U. S. Army Industrial Operations Command, Rock Island, IL 61299-6000  
Authors(s): Mr. James F. Zak, Acting, Deputy Chief of Staff for Environmental Management  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: July 23, 1996  
Bate Stamp: 017994-017995
- U. Title: Minutes - Subject: Monthly Manager's Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: July 23, 1996  
Bate Stamp: 017996-018000
- V. Title: Memorandum - Subject: Draft Final Design Analysis Report for the Site 16 (Old Landfill) Time Critical Removal Action (w/enclosures)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Dept. of The Army  
Authors(s): Mr. Jeffrey P. Armstrong, Restoration and Oversight Branch  
Recipient: Ms. Jonna Polk, U.S. Army Corps of Engineers, Tulsa  
Date: July 24, 1996

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Bate Stamp: 018001-018005

- W. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Interim Remedial Action at Landfills 12 & 16, Landfill Caps Project - Draft Final Design Plans and Drawings  
Group(s): 2  
Site(s): 12 & 16 - Landfills  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Authors(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: July 30, 1996  
Bate Stamp: 018006
- X. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Time Critical Removal Action at Landfill 16, Draft Final Design Analysis Report (w/enclosure)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Authors(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: July 30, 1996  
Bate Stamp: 018007-018009
- Y. Title: Memorandum - Subject: Group IV Sumps Groundwater Monitoring Quarterly Report  
Group(s): 4  
Site(s): Sumps (Site 35)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Headquarters, U. S. Industrial Operations Command, Rock Island, IL 61299-6000  
Authors(s): Mr. Henry Crain, Acting DCS for Environmental Management  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: (No Date)  
Bate Stamp: 018010-018011
- Z. Title: Minutes - Subject: Monthly Manager's Meeting and Stakeholder's Meeting (w/enclosure)  
Group(s): All  
Site(s): All  
Location: EPA Office, Dallas, TX  
Date: August 5, 1996  
Bate Stamp: 018012-018014

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- A. Title: Letter - Subject: Notification of Address Change  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Darrell W. Chinn, Captain, U. S. Army, Executive Officer  
Recipient: Ms. Jonna Polk, Tulsa District Corps of Engineers  
Date: August 7, 1996  
Bate Stamp: 018015
- B. Title: Letter - Subject: Longhorn Army Ammunition Plant, Draft Final Comprehensive Chemical Data Acquisition Plan (CDAP) and Draft Final Field Summary Report for the Phase II, Group 2 Sites Remedial Investigation  
Group(s): 2  
Site(s): Landfills (12, 16, 17, 18, 24, 29, 32)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: August 12, 1996  
Bate Stamp: 018016
- C. Title: Memorandum - Subject: Treatment Simulation and Toxicity Testing Results on Site 16  
Site(s): 16 - (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: SUBRA Company  
Author(s): Ms. Wilma Subra  
Recipient: Ms. Jonna Polk, U. S. Army Corps of Engineers  
Date: August 16, 1996  
Bate Stamp: 018017-018018
- D. Title: Memorandum - Subject: Draft Final Comprehensive Chemical Data Acquisition Plan for the Remedial Investigation/Feasibility Study at the Longhorn Army Ammunition Plant, Karnack, Texas, June 1996  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion and Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr., Environmental Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, ATTN; CESWT-PP-EA/Ms. Jonna Polk  
Date: August 19, 1996  
Bate Stamp: 018019-018020
- E. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2, Letter dated July 10, 1996 regarding Interim Remedial Action at Burning Ground No. 3 Work Plan Amendments and Time Critical Removal Action at Landfill 16 Design Issues



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Group(s): 2  
Site(s): 16 - (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section,  
Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: August 20, 1996  
Bate Stamp: 018021-018022

F. Title: Letter - Subject: Final Project Construction Drawings, Interim Remedial Action,  
Landfill 12 & 16 Caps, Longhorn Army Ammunition Plant, Karnack, Texas

Group(s): 2  
Site(s): Landfill Caps (12 & 16)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: August 21, 1996  
Bate Stamp: 018023

G. Title: Letter - Subject: Final Project Construction Drawings, Interim Remedial Action,  
Landfill 12 & 16 Caps, Longhorn Army Ammunition Plant, Karnack, Texas

Group(s): 2  
Site(s): Landfill Caps (12 & 16)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. Chris Villarreal, Superfund Division, U. S. Environmental Protection Agency  
Date: August 21, 1996  
Bate Stamp: 018024

H. Title: Letter - Subject: Final Project Construction Drawings, Interim Remedial Action,  
Landfill 12 & 16 Caps, Longhorn Army Ammunition Plant, Karnack, Texas

Group(s): 2  
Site(s): Landfill Caps  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Ms. Diane Poteet, Superfund Investigation Section, Texas Natural Resource  
Conservation Commission  
Date: August 21, 1996  
Bate Stamp: 018025

I. Title: Letter - Subject: Longhorn Army Ammunition Plant, Draft Final Comprehensive  
Chemical Data Acquisition Plan (w/attachment)

Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section  
Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative

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- Date: August 25, 1996  
Bate Stamp: 018026-018027
- J. Title: Memorandum - Subject: Treatment Simulation and Toxicity Testing Results of Site 16 Groundwater, Longhorn Army Ammunition Plant, Karnack, Texas, July 12, 1996 (w/enclosure)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Center for Health Promotion & Preventive Medicine  
Author(s): Mr. Wm. Sharland  
Recipient: Ms. Jonna Polk, U.S. Army Engineering District, Tulsa, OK  
Date: August 26, 1996  
Bate Stamp: 018028-018029
- K. Title: Letter - Subject: Longhorn Army Ammunition Plant, Draft Final Group 4 Baseline Risk Assessment Work Plan (w/enclosures)  
Group(s): 4  
Site(s): Sumps (Site 35)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Remedial Project Mgr., Superfund Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: August 27, 1996  
Bate Stamp: 018030-018038
- L. Title: Report - Group IV Pre-Phase III Groundwater Investigation Report  
Group(s): 4  
Site(s): Sumps (Site 35)  
Location: Longhorn Army Ammunition Plant  
Agency: U.S. Army Corps of Engineers, Tulsa District  
Authors(s): COE  
Recipient: Longhorn Army Ammunition Plant  
Date: September 1996  
Bate Stamp: 018039-018067
- M. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Time Critical Removal Action at Landfill 16 (w/enclosure)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: September 4, 1996  
Bate Stamp: 018068-018069
- N. Title: Letter - Longhorn Army Ammunition Plant - Guidance Documents (w/enclosure)  
Group(s): All  
Site(s): All

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- Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author: Ms. Diane R. Poteet, Project Mgr., Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: September 4, 1996  
Bate Stamp: 018070-018072
- O. Title: Minutes - Subject: TRC Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: September 10, 1996  
Bate Stamp: 018073-018074
- P. Title: Memorandum - Subject: Treatment Simulation and Toxicity Testing Results of Site 16 Ground Water, Longhorn Army Ammunition Plant, Karnack, Texas 12 July 1996  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion and Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Manager, Environmental Health Risk Assessment and Risk Communication Program  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, ATTN; CESWT-PP-EA/Ms. Jonna Polk  
Date: September 10, 1996  
Bate Stamp: 018075
- Q. Title: Report - Subject: Baseline Study, Burning Ground No. 3, Interim Remedial Action  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18 & 24)  
Location: Longhorn Army Ammunition Plant  
Agency: Dow Environmental, Inc.  
Author(s): Dow Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa & Ft. Worth Districts  
Date: September 11, 1996  
Bate Stamp: 018076-018223
- R. Title: Memorandum - Subject: Draft Final Field Summary Report for the Phase II, Group 2 Sites Remedial Investigation at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, July 1996  
Group(s): 2  
Site(s): 12, 16, 17, 18, 24, 29, 32  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion and Preventive Medicine  
Author(s): Arthur P. Lee, P.E. MAJ, MS, Program Manager, Environmental Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, Ms. Jonna Polk  
Date: September 16, 1996

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Bate Stamp: 018224

- S. Title: Letter - Subject: Total Environmental Restoration Contract (TERC) Proposed Revisions to the Final Project, Work Plans for Longhorn Army Ammunition Plant, Karnack, Texas
- Group(s): All  
Sites(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Ms. Diane Poteet, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Date: October 2, 1996  
Bate Stamp: 018225
- T. Title: Letter - Subject: Total Environmental Restoration Contract (TERC) Proposed Revisions to the Final Project, Work Plans for Longhorn Army Ammunition Plant, Karnack, Texas
- Group(s): All  
Sites(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. Chris Villarreal, Superfund Division, U. S. Environmental Protection Agency  
Date: October 2, 1996  
Bate Stamp: 018226
- U. Title: Letter - Subject: Total Environmental Restoration Contract (TERC) Proposed Revisions to the Final Project, Work Plans for Longhorn Army Ammunition Plant, Karnack, Texas
- Group(s): All  
Sites(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: October 2, 1996  
Bate Stamp: 018227
- V. Title: Memorandum - Subject: Treatment Simulation and Toxicity Testing Results of Site 16 Groundwater, Longhorn Army Ammunition Plant, Karnack, Texas, 12 July 1996
- Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion and Preventive Medicine  
Author(s): Arthur P. Lee, P.E., MAJ, MS, Program Mgr., Environmental Health Risk Assessment and Risk Communication  
Recipient: Commander, U.S. Army Environmental Center  
Date: October 7, 1996  
Bate Stamp: 018228-018229

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- W. Title: Letter - Subject: Longhorn Army Ammunition Plant, Burning Ground No. 3, Interim Remedial Action, Revised Air Monitoring Plan and Draft Quality Assurance Plan for Air Measurements (w/enclosure)  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Project Mgr.  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: October 8, 1996  
Bate Stamp: 018230-018235
- X. Title: Memorandum - Subject: Disposition of LHAAP TCRA at Site 16 (Old Landfill)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U. S. Army Environmental Center  
Author(s): Mr. Kenneth E. Wiggans, Chief, Restoration and Oversight Branch  
Recipient: Mr. James McPherson, Commander's Representative, LHAAP  
Date: October 15, 1996  
Bate Stamp: 018236-018237
- Y. Title: Letter - Subject: Longhorn Army Ammunition Plant, Burning Ground No. 3 Remedial Action, Revised Air Monitoring Plan and Draft Quality Assurance Project Plan for Air Measurements (w/enclosures)  
Group(s): 2  
Sites(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris Villarreal, Project Manager  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: October 16, 1996  
Bate Stamp: 018238-018243
- Z. Title: Letter - Subject: Team Building Workshop  
Group(s): All  
Sites(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: October 16, 1996  
Bate Stamp: 018244

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- A. Title: Letter - Subject: Team Building Workshop  
Group(s): All  
Sites(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson  
Recipient: Ms. Diane Poteet, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Date: October 16, 1996  
Bate Stamp: 018245
- B. Title: Letter - Subject: Team Building Workshop  
Group(s): All  
Sites(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson  
Recipient: Mr. Chris Villarreal, Superfund Division, U. S. Environmental Protection Agency  
Date: October 16, 1996  
Bate Stamp: 018246
- C. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Interim Remedial Action at Landfill Sites 12 & 16, Revisions to the Final Project Work Plans: Drawings and Specifications (w/enclosure)  
Group(s): 2  
Sites(s): 12 & 16 (Landfills)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Manager, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: October 18, 1996  
Bate Stamp: 018247-018248
- D. Title: Memorandum - Subject: Total Environmental Restoration Contract (TERC) Proposed Revision to the Final Project Work Plans for Longhorn Army Ammunition Plant, Karnack, TX  
Group(s): All  
Sites(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army  
Author(s): Mr. Robert J. Radkiewicz, DCS for Environmental Management

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Recipient: Mr. David Tolbert/Mr. James McPherson, LHAAP  
Date: October 22, 1996  
Bate Stamp: 018249

- E. Title: Memorandum - Subject: Total Environmental Restoration Contract (TERC) Proposed Revisions to the Final Project, Work Plans for Longhorn Army Ammunition Plant, Karnack, Texas 30 August 1996  
Group(s): All  
Sites(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for health Promotion and Preventive Medicine  
Author(s): Mr. Dennis E. Druck, Acting Program Manager, Environmental Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, Ms. Jonna Polk  
Date: October 24, 1996  
Bate Stamp: 018250
- F. Title: Fax - Subject: Information Paper on Army Risk Assessments (w/enclosure)  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion and Preventive Medicine  
Author(s): Mr. Matt McAtee, U.S. Army, IOC  
Recipient: Commander, Industrial Operations Command (Mr. Cyril Onewokae)  
Date: October 24, 1996  
Bate Stamp: 017251-027255
- G. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Interim Remedial Action at Landfill Sites 12 and 16, Revisions to the Final Work Plans: Drawings & Specifications  
Group(s): 2  
Sites(s): 12 & 16 (Landfills)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Project Manager  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: October 25, 1996  
Bate Stamp: 018256
- H. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Time Critical Removal Action (TCRA) at Landfill Site 16, Dispute Resolution Process  
Sites(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission

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Author(s): Ms. Diane R. Poteet, Project Manager, RI/FS II Unit, Superfund Investigation  
Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: October 28, 1996  
Bate Stamp: 018257-018258

- I. Title: Memorandum - Subject: Draft Final Site Characterization Investigation Report for the Group 5 Sites (50, 52, 60, and 63), Site Investigation at the Longhorn Army Ammunition Plant, Karnack, Texas, October 1996
- Group(s): 5  
Sites(s): 50, 52, 60 and 63  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, U.S. Army Center for Health Promotion and Preventive Medicine
- Author(s): Mr. Dennis E. Druck, Acting Program Manager, Environmental Health Risk Assessment and Risk Communication  
Recipient: District Engineer, U.S. Army Engineering District, Tulsa, Ms. Jonna Polk  
Date: October 29, 1996  
Bate Stamp: 018259
- J. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Interim Remedial Action at Burning Ground No. 3, Air Monitoring Plan Revisions (9/10/96 and 10/27/96)
- Group(s): 2  
Sites(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Longhorn Army Ammunition Plant  
Author(s): Ms. Diane R. Poteet, Project Manager, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: November 4, 1996  
Bate Stamp: 018260-018261
- K. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Landfill Site 16, Informal Dispute Resolution Meeting (w/enclosures)
- Group(s): 2  
Sites(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Manager, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. Chris Villarreal, U. S. Environmental Protection Agency  
Date: November 6, 1996  
Bate Stamp: 018262-018267
- L. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 5 - Draft Final Site Characterization Investigation Report



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Group(s): 5  
Sites(s): 50, 52, 60 and 63  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Manager, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: November 7, 1996  
Bate Stamp: 018268-018269

M. Title: Fax - Subject: Longhorn Army Ammunition Plant, Informal Dispute Resolution, Site 16 Old Landfill - Position Paper (w/enclosures)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane Poteet  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: November 21, 1996  
Bate Stamp: 018270-018272

N. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Landfill Site 16: Dispute Resolution (w/enclosure)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Barry J. Williams, Deputy Director, Office of Waste Management  
Recipient: Colonel James Fairall, Jr., Commander, U.S. Industrial Operations Command, Rock Island, IL 61299-6000 and Myron O. Knudsen, P.E., Director, EPA  
Date: November 22, 1996  
Bate Stamp: 018273-018282

O. Title: Letter - Subject: Informal Dispute Resolution  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Headquarters, U.S. Army Industrial Operations Command  
Author(s): James P. Fairall, Jr., Colonel, U.S. Army, Chief of Staff  
Recipient: Mr. Barry J. Williams, Deputy Director, Office of Waste Management (TNRCC)  
Date: December 3, 1996  
Bate Stamp: 018283-018284

P. Title: Letter - Subject: Informal Dispute Resolution  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant

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Agency: Department of The Army, Headquarters, U.S. Army Industrial Operations Command  
Author(s): James P. Fairall, Jr., Colonel, U. S. Army, Chief of Staff  
Recipient: Mr. Myron O. Knudson, Director, Hazardous Waste Management Division, U. S. Environmental Protection Agency, Region VI  
Date: December 3, 1996  
Bate Stamp: 018285-018286

Q. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Landfill Site 16:  
Dispute Resolution  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Barry J. Williams, Deputy Director, Office of Waste Management, TNRCC  
Recipient: Colonel James Fairall, Jr., Commander, U. S. Industrial Operations Command &  
Mr. Myron O. Knudson, P. E., Director, Hazardous Waste Management Division, U. S. Environmental Protection Agency, Region 6  
Date: December 6, 1996  
Bate Stamp: 018287

R. Title: Minutes - TRC Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: December 12, 1996  
Bate Stamp: 018288-018289

S. Title: Report - Subject: Final Approved Air Monitoring Plan, Interim Remedial Action,  
Burning Ground No. 3  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Dow Environmental, Inc.  
Author(s): Dow Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa & Ft. Worth Districts  
Date: December 16, 1996  
Bate Stamp: 018290-018313

T. Title: Report - Subject: Final Quality Assurance Project Plan, Interim Remedial Action,  
Burning Ground No. 3  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Dow Environmental, Inc.  
Author(s): Dow Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa & Ft. Worth Districts  
Date: December 18, 1996

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Bate Stamp: 018314-018424

- U. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Mixing of Ground Waters from Landfill Site 16 and Burning Ground No. 3  
Group(s): 2  
Sites(s): 16 (Old Landfill) & Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Manager, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: December 17, 1996  
Bate Stamp: 0182425
- V. Title: Letter - Subject: Schedule for Site 16 Remedial Investigation/Feasibility Study and Treatability Study, Longhorn Army Ammunition Plant  
Group(s): 2  
Sites(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: December 19, 1996  
Bate Stamp: 018426
- W. Title: Letter - Subject: Schedule for Site 16 Remedial Investigation/Feasibility Study and Treatability Study, Longhorn Army Ammunition Plant  
Group(s): 2  
Sites(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Ms. Diane Poteet, Superfund Investigation, Texas Natural Resource Conservation Commission  
Date: December 19, 1996  
Bate Stamp: 018427
- X. Title: Letter - Subject: Schedule for Site 16 Remedial Investigation/Feasibility Study and Treatability Study, Longhorn Army Ammunition Plant (w/enclosure)  
Group(s): 2  
Sites(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, TX  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. Chris Villarreal, Superfund Division, U. S. Environmental Protection Agency  
Date: December 19, 1996

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Bate Stamp: 018428-018430

Y. Title: Ist Ind - Subject: Total Environmental Restoration Contract (TERC) Proposed  
Revision to the Final Project Work Plans for Longhorn Army Ammunition  
Plant, Karnack, Texas

Group(s): 2  
Sites(s): Landfills 12 & 16  
Location: Longhorn Army Ammunition Plant, Karnack, TX  
Agency: US Army Corps of Engineers, CESWT-PP-ME  
Author(s): Robert J. Radkiewicz, DCS for Environment Management  
Recipient: James McPherson, Commander's Representative/David Tolbert/SIOLH-OR  
Longhorn AAP  
Date: 2 Aug 96  
Bate Stamp: 019479

Z. Title: Letter, Subject: Total Environmental Restoration Contract (TERC) Proposed  
Revisions to the Final Project, Work Plans for Longhorn Army Ammunition  
Plant, Karnack, Texas

Group(s): 2  
Sites(s): Landfills 12 & 16  
Location: Longhorn Army Ammunition Plant, Karnack, TX  
Agency: US Army Corps of Engineers, Tulsa District  
Author(s): Burl D. Ragland, Lead Project Manager, Army Team  
Recipient: Mr. Cyril Onewokae, AMSIO-EQE, Rock Island, IL  
Date: 2 August 1996  
Bate Stamp: 19480

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Title: Letter, Re: Proposed Revisions to the Final Project Work Plans  
Group(s): 2  
Sites(s): Landfills 12 & 16  
Location: Longhorn Army Ammunition Plant, Karnack, TX  
Agency: OHM Remediation Services Corp.  
Author(s): Glen Turney, Sr. Project Manager  
Recipient: Dudley C. Beene II, USACE Authorized Representative, Ft. Worth District  
Eastern Area Office  
Date: August 30, 1996  
Bate Stamp: 019481 - 019487

Title: Letter, Subject: Longhorn Army Ammunition Plant  
Group 2 - Final Field Summary Report, Phase II RI  
Group(s): 2  
Sites(s): All  
Location: Longhorn Army Ammunition Plant, Karnack, TX  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Diane R. Poteet, Project Manager, Superfund Investigation Section  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: September 6, 1996  
Bate Stamp: 019488 - 019491

Title: Fax Transmittal - Group 2 - Interim Remedial Action at Landfill 12 & 16  
Revised Project Work Plans  
Group(s): 2  
Sites(s): Landfill 12 & 16  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Diane Poteet, Project Manager, Superfund Investigation Section  
Recipient: David Tolbert, Project Manager  
Date: 10-21-96  
Bate Stamp: 019492 - 019494

Title: Letter, Subject: Longhorn Army Ammunition Plant, Solid Waste  
Registration No. 30990, Agreed Order Effective December 4, 1995,  
Ordering Provision No. 17 Due January 25, 1997  
Group(s): 2  
Sites(s): All  
Agency: Longhorn Army Ammunition Plant  
Location: Karnack, Texas  
Author(s): Ira C. Nathan, Chief, Operations Review  
Recipient: Ms. Lila Beckley, Enforcement Coordinator, TNRCC  
Date: December 23, 1996  
Bate Stamp: 019495

Note: Bate Stamp Numbers Are out of Sequence Continuing From Volume 3 of 4 1997  
After the Letter A.

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- A. Title: Letter - Longhorn Army Ammunition Plant (LHAAP), Solid Waste Registration No. 30990, Agreed Order Effective December 4, 1995; Ordering Provision No. 17, Annual Groundwater Monitoring Reports  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Cathy Remmert, Senior Coordinator, I&HW Team I, Waste Section, Enforcement Division  
Recipient: Mr. Ira C. Nathan, Operations Review Division (LHAAP)  
Date: January 8, 1997  
Bate Stamp: 018431
- B. Title: Minutes - Subject: Monthly Manager's Meeting  
Group(s): All  
Site(s): All  
Location: Offices of TNRCC - Austin, TX  
Date: January 14, 1997  
Bate Stamp: 018432-018433
- C. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2, Aesthetic Treatment Criteria and Biomonitoring for the Treated Ground Water from Landfill Site 16  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Manager, RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: January 21, 1997  
Bate Stamp: 018434-018435
- D. Title: Letter - Subject: Standard Exemption, Registration No. 34480, Soil and Groundwater Remediation, Longhorn Army Ammunition Plant, Marshall, Harrison County, Account ID No. 93-4480-R  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Tammy Villarreal, Manager, Chemical Section, New Source Review Permits Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: January 30, 1997  
Bate Stamp: 018436-018437

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- E. Title: Report - Subject: Installation Action Plan  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: U.S. Army Corps of Engineers, Southwestern Division  
Date: February 1997  
Bate Stamp: 018438-018518
- F. Title: Letter - Subject: Proposed Phase III Monitoring Well, Site 16, Locations, Including Optional Monitoring Wells at the Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Ms. Diane Poteet, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Date: February 3, 1997  
Bate Stamp: 018519-018520
- G. Title: Letter - Subject: Proposed Phase III Monitoring Well, Site 16, Locations, Including Optional Monitoring Wells at the Longhorn Army Ammunition Plant, Karnack, Texas (w/enclosure)  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. H. L. Jones, Texas Natural Resource Conservation Commission  
Date: February 3, 1997  
Bate Stamp: 018521-018522
- H. Title: Letter - Subject: Proposed Phase III Monitoring Well, Site 16, Locations, Including Optional Monitoring Wells at the Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James McPherson, Commander's Representative  
Recipient: Mr. Chris Villarreal, Superfund Division, U. S. Environmental Protection Agency  
Date: February 3, 1997  
Bate Stamp: 018523-018524
- I. Title: Memorandum - Subject: Proposed Phase III Monitoring Well, Site 16, Locations, including optional Monitoring Wells at the Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2

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Site(s): 16 (Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of the Army, Tulsa District, Corps of Engineers  
Author(s): Mr. Burl D. Ragland, Lead Project Mgr., Army Team  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: February 3, 1997  
Bate Stamp: 018525-018527

J. Title: Letter - Subject: Remediation of Landfill 12 at LHAAP  
Group(s): 2  
Site(s): Landfill 12  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Doyline, LA  
Author(s): Mr. Ira C. Nathan  
Recipient: Dr. James Bruseth, Deputy State Historic Preservation Officer, Texas Historical Commission, Austin, TX  
Date: February 4, 1997  
Bate Stamp: 018528

K. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2 - Landfill Site 16, Disposal of Water Treatment Plant Sludge  
Group(s): 2  
Site(s): 16 ((Old Landfill)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: February 6, 1997  
Bate Stamp: 018529-018530

L. Title: Letter - Subject: Final Revised Air Monitoring Plan at the Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): 18, 24 (Burning Ground No. 3)  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Marshall, Texas  
Author(s): Mr. James McPherson  
Recipient: Ms. Diane Poteet, Superfund Investigation Section, Texas Natural Resource Conservation Commission  
Date: February 6, 1997  
Bate Stamp: 018531

M. Title: Letter - Subject: Final Revised Air Monitoring Plan at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Longhorn Army Ammunition Plant  
Group(s): 2  
Site(s): 18, 24 (Burning Ground No. 3)



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Agency: Department of The Army  
Author(s): Mr. James A. McPherson, Commander's Representative  
Recipient: Mr. Chris Villarreal, U.S. Environmental Protection Agency  
Date: February 6, 1997  
Bate Stamp: 018532

N. Title: Minutes - Subject: Monthly Manager's Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: February 11, 1997  
Bate Stamp: 018533-018534

O. Title: Minutes - Subject: Army Team Management Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: February 11, 1997  
Bate Stamp: 018535-018536

P. Title: Memorandum - Subject: Longhorn Army Ammunition Plant Ground Water Remediation Activities  
Group(s): 2  
Site(s): 16  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Stephen Ligon, Industrial Permits Team, TNRCC  
Recipient: Ms. Diane Poteet, Investigation Unit, Pollution Cleanup Division  
Date: February 19, 1997  
Bate Stamp: 018537

Q. Title: Letter - Subject: Standard Exemption, Registration No. 34480, Soil and Groundwater Remediation System, Longhorn Army Ammunition Plant, Marshall, Harrison County, Account ID No. 93-4480-R (w/enclosure)  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Tammy Villarreal, Manager, Chemical Section, New Source Review Permits Division, Texas Natural Resource Conservation Commission  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: February 26, 1997  
Bate Stamp: 018538-018545

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- R. Title: Memorandum - Subject: Cost Estimates for Accelerated RI/FS With Treatability Study and Transportation of Produced Water from Site 16, Longhorn Army Ammunition Plant, Karnack, Texas (w/enclosures)  
Group(s): 2  
Site(s): Site 16  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Doyline, LA  
Author(s): Mr. James A. McPherson, Commander's Representative  
Recipient: U.S. Army, Industrial Operations Command, Mr. Cyril Onewokae  
Date: February 27, 1997  
Bate Stamp: 018546-018550
- S. Title: Minutes - Subject: Technical Review Committee Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: March 11, 1997  
Bate Stamp: 018551-018552
- T. Title: Minutes - Subject: Technical Review Committee Meeting (Amended) (w/enclosure)  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: March 11, 1997  
Bate Stamp: 018553-018578
- U. Title: Minutes - Subject: Monthly Manager's Meeting (w/enclosure)  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: March 11, 1997  
Bate Stamp: 018579-018587
- V. Title: Memorandum - Subject: Guidelines  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Mr. Stephen Ligon, Industrial Permits Team  
Recipient: Ms. Diane Poteet, TNRCC  
Date: March 17, 1997  
Bate Stamp: 018588
- W. Title: Letter - Subject: Longhorn Army Ammunition Plant, Draft Work Plan for the Site 16 Phase III Remedial Investigation/Feasibility Study and Groundwater Treatability Study (w/enclosure)  
Group(s): 2  
Site(s): 16 (Old Landfill)

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Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Project Mgr.  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: April 4, 1997  
Bate Stamp: 018589-018595

X. Title: Letter - Subject: Longhorn Army Ammunition Plant, Early Interim Remedial Action at Burning Ground No. 3, Disposal of Treated Source Material (w/enclosure)  
Group(s): 2  
Site(s): Burning Ground No. 3 (Sites 18/24)  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mr. Chris G. Villarreal, Project Mgr.  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: April 7, 1997  
Bate Stamp: 018596-018598

Y. Title: Minutes - Subject: Meeting with Texas' Trustees  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: April 8, 1997  
Bate Stamp: 018599

Z. Title: Letter - Subject: Longhorn Army Ammunition Plant, Group 2, Landfill Site 16, Draft Work Plan (Part I) and Sampling and Analysis Plan (Part II), Phase III Remedial Investigation/Feasibility Study and Groundwater Treatability Study (w/enclosures)  
Group(s): 2  
Site(s): 16  
Location: Longhorn Army Ammunition Plant  
Agency: Texas Natural Resource Conservation Commission  
Author(s): Ms. Diane R. Poteet, Project Mgr., RI/FS II Unit, Superfund Investigation Section, Pollution Cleanup Division  
Recipient: Mr. James A. McPherson, Commander's Representative  
Date: April 14, 1997  
Bate Stamp: 018600-018603

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Title: Letter, Subject: Closure of Sumps at Longhorn Army Ammunition Plant  
Group(s): 4  
Site(s): 35  
Location: Longhorn Army Ammunition Plant  
Agency: US Dept of Army  
Author(s): James A. McPherson  
Recipient: Ms. Lila Beckley, Texas Natural Resource Conservation Commission  
Date: February 19, 1997  
Bate Stamp: 19496

Title: Technical Review Workgroup for Lead  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Agency: United States Environmental Protection Agency  
Author(s): Mark Maddaloni, Chairperson  
Recipient: Cmdr Reo, James A. McPherson, LHAAP  
Date: Received February 21, 1997  
Bate Stamp: 19497 - 19552

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**1997**

- A. Title: Memorandum - Subject: Final Remedial Investigation Report Group 1 Sites (Sites 1, 11, 27, and XX) and Volume 2 Baseline Risk at the Longhorn Army Ammunition Plant, Karnack, Texas (w/enclosures)
- Group(s): 1  
Site(s): 1, 11, 27 and XX  
Location: Longhorn Army Ammunition Plant  
Agency: Department of The Army, Tulsa District, Corps of Engineers  
Author(s): Mr. Burl D. Ragland, Lead Project Manager, Army Team  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: April 30, 1997  
Bate Stamp: 018604
- B. Title: Report - Subject: Remedial Investigation Report, Group 1 Sites, Volume I
- Group(s): 1  
Site(s): 1, 11, 27 and XX  
Location: Longhorn Army Ammunition Plant  
Agency: U.S. Army Corps of Engineers, Tulsa District  
Author(s): U.S. Army Corps of Engineers  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: May 1997  
Bate Stamp: 018605-019027

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**1997**

A. Title: Report - Remedial Investigation Report, Group 1 Sites, Volume 2, Baseline Risk Assessments  
Group(s): 1  
Site(s): 1, 11, 27 and XX  
Location: Longhorn Army Ammunition Plant  
Agency: U.S. Army Corps of Engineers, Tulsa District  
Author: U.S. Army Corps of Engineers  
Recipient: Mr. David Tolbert, Project Mgr.  
Date: May 1997  
Bate Stamp: 019028-019478

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**1997**

- A. Title: Memorandum, Subject: Draft Final Group 5 Site Investigation Report, Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 5  
Site(s): 52, 63  
Location: Longhorn Army Ammunition Plant  
Agency: USACE, Tulsa, CESWT-PP-Me  
Author: Yolane Hartsfield, Project Manager  
Recipient: Mr. Jim Martell, CESWT-EC-GS  
Date: 18 March 1997  
Bate Stamp: 019753
- B. Title: Letter, Subject: Final Remedial Investigation Report Group 1 Sites (Sites 1, 11, 27, and XX) and Volume 2 Baseline Risk at the Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 1  
Site(s): 1, 11, 27, and XX  
Location: Longhorn Army Ammunition Plant  
Agency: USACE, Tulsa District  
Author: Yolane Hartsfield  
Recipient: Mr. David Tolbert, SIOLH-OR  
Date: 30 April 1997  
Bate Stamp: 19754 - 20205

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**1997**

A. Title: Final Remedial Investigation Report Group 1 Sites, Volume I  
Attachment: To Letter Dated 30 April 1997  
Group(s): I  
Site(s): 1, 11, 27, and XX  
Location: Longhorn Army Ammunition Plant  
Agency: US Corps of Engineers, Tulsa District  
Author: US Corps of Engineers  
Recipient: David Tolbert, SIOLH-OR, LHAAP  
Date: Volume dated May 1997  
Bate Stamp: 020206 - 020627



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**1997**

- A. Title: Letter, Subject: Longhorn Army Ammunition Plant Group I - Final Remedial Investigation Report  
Group(s): I  
Site(s): 1, 11, 27 and XX  
Location: Austin, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author: Diane R. Poteet, Project Manager RI/FS Unit  
Recipient: James A. McPherson, Commander's Representative, LHAAP  
Date: May 28, 1997  
Bate Stamp: 020628
- B. Title: Letter, Subject: Longhorn Army Ammunition Plant Final Remediation Investigation Report Group 1 Sites (Sites 1, 11, 27 and XX)  
Attachs: EPA's Comments on the above report  
Group(s): I  
Site(s): 1, 11, 27 and XX  
Location: Dallas, Texas  
Agency: United States Environmental Protection Agency  
Author: Chris G. Villarreal  
Recipient: James A. McPherson, Commander's Representative, LHAAP  
Date: May 28, 1997  
Bate Stamp: 020629 - 020630
- C. Title: FAX, Copy of letter A Above to James A. McPherson dtd May 28, 1997  
Group(s): I  
Site(s): 1, 11, 27 and XX  
Location: Austin, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author: Diane Poteet, Project Manager, RI/FS II Unit  
Recipient: Yolane Hartsfield, USACE, Tulas District  
Date: 5-28-97  
Bate Stamp: 020631 - 020632
- D. Title: Minutes - Technical Review Committee Meeting  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant  
Date: 02 June 1997  
Bate Stamp: 020633 - 020639
- E. Title: Letter - Subject: Final Site Characterization Report - Groups 5 Sites at the Longhorn Army Ammunition Plant, Karnack, Texas

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Attachs: Copy of Report - Final Site Characterization Investigation Report  
Group 5 Sites (50, 52, 60, and 63) Site Investigation  
Group(s): 5  
Site(s): 50, 52, 60 and 63  
Location: Tulsa, Oklahoma  
Agency: U.S. Army Corps of Engineers  
Author: Burl D. Ragland, Lead Project Manager, Army Team  
Recipient: David Tolbert, SIOLH-OR, Longhorn AAP  
Date: 12 June 1997  
Bate Stamp: 020640 - 020791

F. Title: Letter, Subject: Longhorn Army Ammunition Plant Final Remediation  
Investigation Report Group I Sites (Sites 1, 11, 27, XX)  
Attachs: EPA's Comments on this report  
Group(s): 1  
Site(s): 1, 11, 27, XX  
Location: Dallas, Texas  
Agency: United States Environmental Protection Agency  
Author: Chris G. Villarreal  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: June 23, 1997  
Bate Stamp: 020792 - 020796

G. Title: FAX - EPA's Comments on the Group I Baseline Risk Assessment  
Document  
Group(s): 1  
Site(s): 1, 11, 27 and XX  
Location: Dallas, Texas  
Agency: US Environmental Agency  
Author: Chris G. Villareal, Project Manager  
Recipient: David Tolbert, SIOLH-OR, Longhorn AAP  
Date: June 23, 1997  
Bate Stamp: 020797 - 020802

H. Title: FAX - EPA's Comments on the draft Group I Proposed Plan  
Group(s): 1  
Site(s): 1, 11, 27 and XX  
Location: Dallas, Texas  
Agency: US Environmental Protection Agency  
Author: Chris G. Villarreal, Project Manager  
Recipient: David Tolbert, SIOLH-OR, Longhorn AAP  
Date: June 24, 1997  
Bate Stamp: 020803 - 020806

I. Title: Letter - Subject: Memorandum of Agreement for Natural Resource  
Issues at Longhorn Army Ammunition Plant  
Attach: Memorandum of Agreement for the Natural Resource Issues at the

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- Longhorn Army Ammunition Plant
- Group(s): All  
Site(s): All  
Location: Austin, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author: Ginny King, Project Manager, Natural Resource Trustee Program  
Recipient: David Tolbert, SIOLH-OR, Longhorn AAP  
Date: July 2, 1997  
Bate Stamp: 020807 - 020814
- J. Title: Letter - Subject: Longhorn Army Ammunition Plant Group I -  
Proposed Plan of Action
- Group(s): I  
Site(s): 1, 11, 27 and XX  
Location: Austin, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author: Diane R. Poteet, Project Manager, RI/FS II Unit  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: July 7, 1997  
Bate Stamp: 020815 - 020821
- K. Title: Letter - Subject: Longhorn Army Ammunition Plant Group 5 -  
Final Site Characterization Report
- Attach: EPA's Comments on Report  
Group(s): 5  
Site(s): 52, 63  
Location: Austin, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author: Diane R. Poteet, Project Manager, RI/FS II Unit  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: July 14, 1997  
Bate Stamp: 020822 - 020823
- L. Title: FAX - Group 5 Site Characterization Report
- Group(s): 5  
Site(s): 52, 63  
Location: Austin, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author: Diane Poteet, Project Manager, RI/FS  
Recipient: David Tolbert, Project Manager, Longhorn AAP  
Date: 7-14-97  
Bate Stamp: 020824 - 020825
- M. Title: Minutes - Monthly Managers' Meeting, Longhorn AAP
- Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas

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Agency: All Involved  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 16 July 1997  
Bate Stamp: 020826 - 020828

N. Title: Minutes - Monthly Manager's Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: All Involved  
Author: Yolane Hartsfield, USACE, Tulsa  
Recipient: All Parties  
Date: 16 July 1997  
Bate Stamp: 020829

O. Title: Public Meeting - Subject: No Further Action at the Group I Sites  
at Longhorn Army Ammunition Plant  
Enclosure: Proposed Plan of Action for Group I Sites  
Group(s): 1  
Site(s): I, 11, 27 and XX  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Dept of the Army, Longhorn Army Ammunition Plant  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: General Public  
Date: July 21, 1997  
Bate Stamp: 020830 - 020848

P. Title: Minutes - Monthly Manager's Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: All Involved  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 7 August 1997  
Bate Stamp: 020849 - 020851

Q. Title: Letter - Subject: Longhorn Army Ammunition Plant Group 2 -  
Use of Treated Ground Water for Dust Control  
Group(s): 2  
Site(s): Landfill 12 and Landfill 16  
Location: Austin, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author: Timothy G. Dobbs for Diane Poteet, Project Mgr, RI/FS II Unit

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Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: August 22, 1997  
Bate Stamp: 020852

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**1997**

- A. Title: Letter - Subject: Final Work Plan (Part I) and Sampling and Analysis Plan (Part II) for the Site 16 Phase III Remedial Investigation/ Feasibility Study and Groundwater Treatability Study at the Longhorn Army Ammunition Plant, Karnack, Texas  
Enclosure: Final Work Plan for the Site 16 Phase III Remedial Investigation/ Feasibility Study and Groundwater Treatability Study at the Longhorn Army Ammunition Plant (LHAAP) Karnack, Texas  
Group(s):  
Site(s): Site 16  
Location: Tulsa, Oklahoma  
Agency: US Army Corps of Engineers  
Author: Yolane Hartsfield for Burl D. Ragland, Lead Project Manager Army Team  
Recipient: David Tolbert, Project Manager, Longhorn AAP  
Date: 4 September 1997  
Bate Stamp: 020854 - 021030
- B. Title: Minutes - Technical Review Committee Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: All Involved  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 09 September 1997  
Bate Stamp: 021031 - 021032
- C. Title: Minutes - Monthly Manager's Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: All Involved  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 09 September 1997  
Bate Stamp: 021033 - 021038
- D. Title: Letter - Subject: Longhorn Sampling Observations 9/2/97  
Location: Longhorn Army Ammunition Plant  
Agency: Caddo Lake Institute, Inc.  
Author: Dwight K. Shellman, Jr., President, Caddo Lake Institute, Inc.  
Recipient: Yolane Hartsfield, USACE, Tulsa District  
Date: September 9, 1997  
Bate Stamp: 021039 - 021041

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- E. Title: Research Proposal - Study Title: Environmental Contaminants and Their Effects on Turtles at Caddo Lake, Texas  
Group(s):  
Site(s):  
Location: Longhorn Army Ammunition Plant, Marshall, Texas  
Agency: Department of Wildlife and Fisheries Sciences  
Author: Dr. Donald R. Clark, Jr., Leader Brazos Field Station  
Recipient: USACE, Tulsa District  
Date: Undated  
Bate Stamp: 021042 - 021050
- F. Title: Letter - Subject: Concurrence with Proposed No Further Action on Sites 52 and 63, Group 5 Sites, Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 5  
Site(s): 52, 63  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Agency: Dept of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Diane Poteet, Texas Natural Resource Conservation Commission  
Date: September 24, 1998  
Bate Stamp: 021051 - 021052
- G. Title: Letter - RE: Record of Decision for Areas Referred to as the Group 1 Sites Within the Longhorn Army Ammunition Plant  
Group(s): 1  
Site(s): 1, 11, 27, 54, XX  
Location: Austin, Texas  
Agency: Texas Natural Resource Conservation Commission  
Author: Dan Pearson, Executive Director  
Recipient: Myron O. Knudson, P.E., Director, Superfund Division, EPA  
Date: September 30, 1997  
Bate Stamp: 021465

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**1997**

A. Title: Letter - Subject: Final Group 4 Baseline Risk Assessment Work  
Plan, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Group(s): 4  
Site(s): 35, 50, 60  
Location: Tulsa, Oklahoma  
Agency: US Corps of Engineers  
Author: Yolane Hartsfield for Burl Raglan, Lead Project Manager, Army Team  
Recipient: David Tolbert, Project Manager, Army, Longhorn AAP  
Date: 25 September 1997  
Bate Stamp: 021053 - 021464



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**1997**

- A. Title: Survey - Environmental Baseline Survey for Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Group(s): All  
Site(s): All  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Sverdrup Environmental, Inc., St. Louis, Missouri  
Recipient: US Army Corps of Engineers, Tulsa District  
Date: October 1997  
Bate Stamp: 021466 - 021695
- B. Title: Letter - Subject: Longhorn Army Ammunition Plant (LHAAP) Group 4 - Goose Prairie Creek Sampling 1995-1996: Health Assessment by the United States Army Center for Health Promotion and Preventive Medicine (USACHPPM) and the Corps of Engineers Data Summary Package  
Attach: TNRCC Comments  
Group(s): 4  
Site(s):  
Location: Austin, Texas, Texas Natural Resource Conservation Commission  
Author: Diane Poteet, Project Manager, RI/FS II Unit  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: October 9, 1997  
Bate Stamp: 021696 - 021698
- C. Title: Minutes - COE/Contractor/LHAAP Meeting  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 15 October 1997  
Bate Stamp: 021699 - 021700

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**1997**

- A. Title: Letter - Subject: Final Volume 2, Baseline Risk Assessments Remedial Investigation Report Group I Sites, (Sites 1, 11, 27, and XX) for Longhorn Army Ammunition Plant, Karnack, Texas
- Enclosure: The above volume
- Group(s): Group I
- Site(s): 1, 11, 27, and XX
- Location: Tulsa, Oklahoma, USACE
- Author: Burl Ragland, Lead Project Manager, Army Team
- Recipient: David Tolbert, Project Manager, Army, Longhorn AAP
- Date: 17 October, 1997
- Bate Stamp: 021701 - 022153
- 
- B. Title: Letter - Subject: Longhorn Army Ammunition Plant Final Work Plant (Part I) and Sampling and Analysis Plan (Part II) for the Site 16 Phase III Remedial Investigation/Feasibility Study and Groundwater Treatability Study
- Group(s):
- Site(s): 16
- Location: Dallas, Texas, US Environmental Protection Agency
- Author: Chris G. Villarreal, Project Manager
- Recipient: James A. McPherson, Commander's Representative, Longhorn AAP
- Date: October 21, 1997
- Bate Stamp: 022154
- 
- C. Title: Minutes - Monthly Manager's Meeting
- Group(s): General
- Site(s): General
- Location: Longhorn Army Ammunition Plant
- Author: Yolane Hartsfield, USACE, Tulsa District
- Recipient: All Parties
- Date: 09 September 1997
- Bate Stamp: 022155 - 022160
- 
- D. Title: Letter - Subject: Longhorn Army Ammunition Plant Group 2 - IRA's at Landfills Sites 12 & 16 and Burning Ground No. 3
- Group(s):
- Site(s): Landfill 12 & 16, Burning Ground No. 3
- Location: Austin, Texas, Texas Natural Resource Conservation Commission
- Author: Diane R. Poteet, Project Manager, RI/FS II Unit
- Recipient: James A. McPherson, Commander's Representative, Longhorn AAP
- Date: October 28, 1997
- Bate Stamp: 022161

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- E. Title: Minutes - COE/Contractor/LHAAP Meeting  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 30 October 1997  
Bate Stamp: 022162 - 022163
- F. Title: Letter - Subject: Longhorn Army Ammunition Plant,  
Responses to EPA Response to Comments on Group 4  
Draft Final Work Plan  
Group(s): 4  
Site(s):  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: Chris G. Villarreal, Project Manager  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: November 5, 1997  
Bate Stamp: 022164
- G. Title: FAX - EPA Comments on the Group 4 Risk Assessment Work Plan  
Group(s): 4  
Site(s):  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: Chris G. Villarreal, Project Manager  
Recipient: David Tolbert, Project Manager, Army, Longhorn AAP  
Date: November 5, 1997  
Bate Stamp: 022165 - 022166
- H. Title: Letter - Subject: Longhorn Army Ammunition Plant,  
Group 2 - Site 16 Phase III Remedial Investigation/Feasibility  
Study and Groundwater Treatability Study: Final Work Plan  
(Part I) and Sampling and Analysis Plan (Part II)  
Enclosure: Benchmark List  
Group(s):  
Site(s): 16  
Location: Austin, Texas, Texas Natural Resource Conservation Commission  
Author: Diane Poteet, Project Manager, RI/FS II Unit  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: November 7, 1997  
Bate Stamp: 022168 - 022171
- I. Title: Minutes - Monthly Managers' Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Yolane Hartsfield, USACE, Tulsa District

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Recipient: All Parties  
Date: 12 November, 1997  
Bate Stamp: 022172 - 022173

J. Title: Minutes - Technical Review Committee Meeting  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 11 December 1997  
Bate Stamp: 022174 - 022176

K. Title: Minutes - COE/Contractor/LHAAP Meeting  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant  
Author:  
Recipient: All Parties  
Date: 16 December 1997  
Bate Stamp: 022177 - 022178

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**1998**

- A. Title: Letter - Subject: Longhorn Army Ammunition Plant  
Group 2 - Waste Water Treatment Plant at Burning Ground No. 3  
and Landfill Site 16 Chronic Toxicity Testing Report for the Treated  
Waste Water from Site 16  
Enclosure: The above report with transmittal letter from Dudley Beene, USACE  
Group(s): 2  
Site(s): 16  
Location: Austin, Texas, Texas Natural Resource Conservation Commission  
Author: Diane R. Poteet, Project Manager. RI/FS II Unit  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: January 13, 1998  
Bate Stamp: 022179 - 022215
- B. Title: Letter - Subject: Longhorn Army Ammunition Plant  
Record of Decision for No Further Action at Group I Sites  
Attach: Record of Decision for No Further Action at Group I Sites  
Group(s): 1  
Site(s): 1, 11, 27 and XX  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: Chris G. Villarreal, Project Manager  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: January 26, 1998  
Bate Stamp: 022216 - 022247
- C. Title: Letter - Subject: Draft Work Plan (Part I) and Sampling and Analysis  
Plan (Part II) for the Group 2 Sites, Phase III Remedial Investigation/  
Feasibility Study at the Longhorn Army Ammunition Plant, Karnack, TX  
Enclosure: The above draft work plan  
Group(s): 2  
Site(s): 12,17,18,24,29 and 32  
Location: Tulsa, OK, USA Corps of Engineers, Tulsa District  
Author: Yolane Hartsfield for Burl Ragland, Lead Project Manager  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: January 26, 1998  
Bate Stamp: 022248 - 022388
- D. Title: Letter - Subject: Investigations for Perchlorate at Federal Facilities  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: David W. Neleigh, Chief, New Mexico and Federal Facilities Section  
Recipient: Allan Posnick, Chief, Pollution Cleanup Division, TNRCC  
Date: January 28, 1998  
Bate Stamp: 022389 - 022390

**LONGHORN ARMY AMMUNITION PLANT  
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- E: Title: Minutes - COE/Contractor/LHAAP Meeting Minutes  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 11 February 1998  
Bate Stamp: 022391 - 022392
- F: Title: Minutes - Monthly Managers' Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Longhorn AAP  
Author: Yolane Hartsfield, Project Manager, USACE, Tulsa District  
Recipient: All Parties  
Date: 18 February 1998  
Bate Stamp: 022393 - 022397
- G: Title: Minutes - Technical Review Committee Meeting  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 10 March 1998  
Bate Stamp: 022398 - 022406
- H: Title: Minutes - (Amended) Technical Review Committee Meeting  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 10 March 1998  
Bate Stamp: 022407 - 022413
- I: Title: Letter - Subject: 1998 Texas Environmental Excellence Award  
Group(s):  
Site(s):  
Location: Austin, Texas, Texas Natural Resource Conservation Commission  
Author: Andrew Neblett, Director Office of Pollution Prevention & Recycling  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: March 11, 1998  
Bate Stamp: 022414 - 022415

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- J: Title: Minutes - Teleconference Longhorn Army Ammunition Plant  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 16 March 1998  
Bate Stamp: 022416 - 022418
- K: Title: Minutes - Teleconference (Amended) Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Yolane Hartsfield, USACE, Tulsa District  
Recipient: All Parties  
Date: 16 March 1998  
Bate Stamp: 022419 - 022429
- L: Title: Letter - Subject: Longhorn Army Ammunition Plant  
Group 2 Baseline Risk Assessment Work Plan  
Enclosure: Memorandum - Subject: Group 2 Baseline Risk Assessment  
Work Plan for Longhorn AAP  
Group(s): 2  
Site(s): 12,17,18,24,29,32  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: Chris G. Villarreal, Project Manager  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: March 30, 1998  
Bate Stamp: 022430 - 022432
- M: Title: Letter - Subject: Longhorn Army Ammunition Plant  
Group 2 - Baseline Risk Assessment Work Plan  
Enclosure: TNRCC Comments, Group 2 - Baseline Risk Assessment  
Work Plan  
Group(s): 2  
Site(s): 12,17,18,24,29,32  
Location: Austin, Texas, Texas Natural Resource Conservation Commission  
Author: Diane R. Poteet, Project Manager, Superfund Cleanup Section  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: April 1, 1998  
Bate Stamp: 02433 - 022452
- N: Title: Letter - Subject: NRDA Trustee Contact for the Longhorn  
Army Ammunition Plant  
Group(s): N/A  
Site(s): N/A  
Location: Austin, Texas, Texas Natural Resource Conservation Commission

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Author: Richard, Seiler, Program Manager, Natural Resource Trustee Program  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: April 3, 1998  
Bate Stamp: 022453

O: Title: Minutes - Longhorn Army Ammunition Plant Draft  
Monthly Manager's Meeting

Group(s): General  
Site(s): General  
Location: Longhorn Army Ammunition Plant, Karnack, Texas  
Author: Not Shown  
Recipient: All Parties  
Date: 23 April 1998  
Bate Stamp: 022454 - 022456

P: Title: Letter - Subject: Jonna Polk - New Project Manager

Group(s): N/A  
Site(s): N/A  
Location: Tulsa, Oklahoma, USA Corps of Engineers  
Author: Russell K. Holeman, Director, Military/Environmental Project Mgmt  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: April 30, 1998  
Bate Stamp: 022457 - 022458

Q: Title: Letter - Subject: Longhorn Army Ammunition Plant  
Group 5 Final Site Characterization Investigation Report

Group(s): 5  
Site(s): 52, 63  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: William K. Honker, Chief, AR/OK/TX Branch, Superfund Division  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: May 11, 1998  
Bate Stamp: 022459 - 022468

R: Title: FAX - Concurrence Letter - Group 5 Final Site Characterization Report

Group(s): 5  
Site(s): 52, 63  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: Chris G. Villarreal, Project Manager  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: May 12, 1998  
Bate Stamp: 022469 - 022472



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- S:     Title:        Letter - Subject: Longhorn Army Ammunition Plant (LHAAP)  
                  Final Work Plan and Sampling and Analysis Plan  
                  Group 2 Sites, Phase III Remedial Investigation/Feasibility Study  
Enclosure:    EPA Comments on above plan  
Group(s):     2  
Site(s):      12,17,18,24,29,32  
Location:     Dallas, Texas, US Environmental Protection Agency  
Author:       Chris G. Villarreal, Remedial Project Manager, Superfund Division  
Recipient:    James A. McPherson, Commander's Representative, Longhorn AAP  
Date:         May 14, 1998  
Bate Stamp:   022473 - 022480
- T:     Title:        Letter - Subject: Longhorn Army Ammunition Plant  
                  Group 5 - Final Site Characterization Report  
Group(s):     5  
Site(s):      52, 63  
Location:     Austin, Texas, Texas Natural Resource Conservation Commission  
Author:       Diana R. Poteet, Project Manager, Superfund Cleanup Section  
Recipient:    James A. McPherson, Commander's Representative, Longhorn AAP  
Date:         May 21, 1998  
Bate Stamp:   022481 - 022483
- U:     Title:        Letter - Subject: Longhorn Army Ammunition Plant  
                  Group 2 - Final Work Plan for Phase III Remedial Investigation/  
                  Feasibility Study  
Group(s):     2  
Site(s):      12,17,18,24,29,32  
Location:     Austin, Texas, Texas Natural Resource Conservation Commission  
Author:       Diane R. Poteet, Project Manager, Superfund Cleanup Section  
Recipient:    James A. McPherson, Commander's Representative, Longhorn AAP  
Date:         May 20, 1998  
Bate Stamp:   022484 - 022485

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**1998**

- A: Title: Report - Draft Final Sampling & Data Results Report  
Site 16, Phase III Remedial Investigation/Feasibility Study  
and Groundwater Treatability Study
- Group(s):  
Site(s): 16  
Location: St. Louis, Missouri; Sverdrup Environmental, Inc.  
Author: Sverdrup Environmental, Inc.  
Recipient: David Tolbert, Army, Project Manager  
Date: June 1998  
Bate Stamp: 022486 - 022805
- B: Title: FAX - Comments on Group 2 and Group 4 Draft Final Work Plan
- Group(s): 2, 4,  
Site(s): 12, 17, 18, 24, 29, 32, 35, 50, 60  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: Chris G. Villarreal, Project Manager  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: June 23, 1998  
Bate Stamp: 022806 - 022811
- C: Title: Memorandum - Subject: EPA's Comments on the Draft Final Work  
Plan (Part I) and Sampling and Analysis Plan (Part II) for the Group IV  
Phase III Remedial Investigation/Feasibility Study Longhorn Army  
Ammunition Plant (May 1988)
- Group(s): 4  
Site(s): 35, 50, 60  
Location: St. Louis, Missouri, Sverdrup Environmental Inc.  
Author: Dave Bockelmann, Project Manager  
Recipient: Cliff Murray, USACE, Tulsa District  
Date: July 7, 1998  
Bate Stamp: 022812 - 022814
- D: Title: Memorandum - Subject: Response to EPA Comments dated  
June 24, 1998, on the Draft Final Work Plan Addendum (Part I)  
and Sampling and Analysis Plan Addendum (Part II) for the Group 2  
Sites at Longhorn Army Ammunition Plant (LHAAP). Modification  
No. 3 to Delivery Order No. 1, May 1998
- Group(s): 2  
Site(s): 12, 17, 18, 24, 29, 32  
Location: St. Louis, Missouri, Sverdrup Environmental, Inc.  
Author: Dave Bockelmann, Project Manager  
Recipient: Cliff Murray, USACE, Tulsa District

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Date: July 7, 1998  
Bate Stamp: 022815

- E: Title: Memorandum - Subject: Response to TNRCC comments dated May 20, 1998, on the Final Work Plan for the Group 2 Sites at Longhorn Army Ammunition Plant (LHAAP).  
Group(s): 2  
Site(s): 12, 17, 18, 24, 29, 32  
Location: St. Louis, Missouri, Sverdrup Environmental, Inc.  
Author: Dave Bockelmann, Project Manager  
Recipient: Cliff Murray, USACE, Tulsa District  
Date: July 7, 1998  
Bate Stamp: 022816 - 022820
- F: Title: Memorandum - Subject: Response to TNRCC comments dated June 22, 1998, on the Draft Final Work Plan Addendum (Part I) and Sampling and Analysis Plan Addendum (Part II) for the Group 2 Sites at Longhorn Army Ammunition Plant (LHAAP). Modification No. 3 to Delivery Order No. 1, May 1998  
Group(s): 2  
Site(s): 12, 17, 18, 24, 29, 32  
Location: St. Louis, Missouri, Sverdrup Environmental, Inc.  
Author: Dave Bockelmann, Project Manager  
Recipient: Cliff Murray, USACE, Tulsa District  
Date: July 7, 1998  
Bate Stamp: 022821 - 022824
- G: Title: Memorandum - Subject: TNRCC's Comments, dated June 25, 1998, on the Draft Final Work Plan (Part I) and Sampling and Analysis Plan (Part II) for the Group IV, Phase III Remedial Investigation/Feasibility Study Longhorn Army Ammunition Plant (May 1998)  
Group(s): 4  
Site(s): 35, 50, 60  
Location: St. Louis, Missouri, Sverdrup Environmental, Inc.  
Author: Dave Bockelmann, Project Manager  
Recipient: Cliff Murray, USACE, Tulsa District  
Date: July 7, 1998  
Bate Stamp: 022825 - 022832
- H: Title: Comments - Subject: Responses on the Group 2 Draft Baseline Risk Assessment Work Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): 12, 17, 18, 24, 29, 32  
Reviewer: US Army Center for Health Promotion & Preventive Medicine  
Author: Roy F. Weston, Inc.  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP

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Date: Undated  
Bate Stamp: 022833 - 022848

I: Title: Comments - Subject: Responses on the Group 2 Draft Baseline Risk Assessment Work Plan Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): 12,17,18,24,29,32  
Reviewer: Texas Natural Resource Conservation Commission (TNRCC)  
Author: Roy F. Weston, Inc.  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: Undated  
Bate Stamp: 022849 - 022863

J: Title: Comments - Subject: Responses on the Group 2 Draft Baseline Risk Assessment Work Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): 12, 17, 18, 24, 29, 32  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: Susan Roddy, US EPA  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: Undated  
Bate Stamp: 022864 - 022869

K: Title: Comments - Subject: Responses on the Group 2 Draft Baseline Risk Assessment Work Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): 12,17,18,24,29,32  
Location: Dallas, Texas, US Environmental Protection Agency  
Author: Susan Roddy, US EPA  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: Undated  
Bate Stamp: 022870 - 022875

L: Title: Letter - Subject: Document Transmissions for Longhorn Army Ammunition Plant, Karnack, Texas  
Group(s): All  
Site(s): All  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Chris Villarreal, US Environmental Protection Agency  
Date: July 8, 1998  
Bate Stamp: 022876 - 022877

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- M: Title: Letter - Subject: Document Transmissions for Longhorn Army  
Ammunition Plant, Karnack, Texas  
Group(s): All  
Site(s): All  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Diane Poteet, TNRCC, Austin, Texas  
Date: July 8, 1998  
Bate Stamp: 022878 - 022879
- N: Title: Results - Longhorn Army Ammunition Plant Soil Treatment Plant  
Total Hydrocarbons Continuous Emission Monitoring Results  
Group(s):  
Site(s):  
Location: Austin, Texas, Radian International LLC  
Author: Stephen Mischler, Don Burrows, Radian International  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: Dated May 11, 1998, Transmitted July 8, 1998  
Bate Stamp: 022880 - 023136
- O: Title: Report - Results of Perimeter Air Monitoring During Interim  
Remedial Action at Burning Ground No. 3, Longhorn Army  
Ammunition Plant, Karnack, Texas  
Group(s): 2  
Site(s): 18  
Location: Austin, Texas, Radian International, LLC  
Author: Steven Mischler, Bart Eklund, Don Burrows  
Recipient: David Tolbert, Army, Project Manager, Longhorn AAP  
Date: May 11, 1998, Transmitted July 8, 1998  
Bate Stamp: 023137 - 023341

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**1998**

- A: Title: Minutes – Monthly Manager's Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, USACE, Tulsa District  
Recipient: All Parties  
Date: 15 June 1998  
Bate Stamp: 023342-023344
- B: Title: Report – Proof of Performance Test Results, GroundWater Treatment Plant  
Interim Remedial Action Burning Ground No.3 Longhorn Army Ammunition Plant  
Karnack, Texas  
Group(s):  
Site(s):  
Location: Austin, Texas; Radian International LLC  
Author: Don Burrows  
Recipient: David Tolbert, Army, Project Manager  
Date: 22 June 1998  
Bate Stamp: 023345-023388
- C: Title: Minutes – Monthly Managers Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, USACE, Tulsa District  
Recipient: All Parties  
Date: 28 July 1998  
Bate Stamp: 023389-023391
- D: Title: Work Plan – Final Work Plan(Part-I) and Sampling and Analysis Plan(Part-II)  
Group 4 Site, Phase III, Remedial Investigation/Feasibility Study  
Longhorn Army Ammn. Plant, Karnack, Texas  
Group(s): 4  
Site(s):  
Location: St. Louis, Missouri; Sverdrup Environmental, Inc.  
Author: Sverdrup Environmental, Inc.  
Recipient: David Tolbert, Army, Project Manager  
Date: July 1998, Rev. 3  
Bate Stamp: 023392-023759

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- E: Title: Minutes – Monthly Managers Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, USACE, Tulsa District  
Recipient: All Parties  
Date: 31 August 1998  
Bate Stamp: 023760-023760
- F: Title: Minutes – Technical Review Committee Meeting  
Group(s): General  
Site(s): General  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, USACE, Tulsa District  
Recipient: All Parties  
Date: 16 September 1998  
Bate Stamp: 023761-023766
- G: Title: Letter – Subject: Recent Discovery Documentation of 100 Barrel Mercury Spill at Longhorn Army Ammn. Plant in 1988  
Group(s):  
Site(s):  
Location: Uncertain, TX; Caddo Lake Institute, Inc.  
Author: Dwight K. Shellman, Jr.  
Recipient: James McPherson  
Date: 16 September 1998  
Bate Stamp: 023767-023768
- H: Title: Fax – Subject: Site Assessment Report for Reported Mercury Spill at Longhorn Army Ammunition Plant, Karnack, Texas – April 14, 1988  
Group(s):  
Site(s):  
Location: Dallas, Texas; U.S. EPA Region 6  
Author: Chris G. Villareal, EPA, Project Manager  
Recipient: Ira Nathan, Army, Project Manager  
Date: 9 September 1998  
Bate Stamp: 023769-023771
- I: Title: Letter – Subject: Recent Discovery of Documentation of 100 Barrel Mercury Spill in 1988  
Group(s):  
Site(s):  
Location: Doyline, Louisiana; Dept. of the Army, Longhorn/Louisiana AAP's  
Author: James A. McPherson  
Recipient: Dwight K. Shellman, Jr., Caddo Lake Institute  
Date: 30 September 1998  
Bate Stamp: 023772-023773

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J: Title: Minutes: Monthly Managers Meeting, Longhorn AAP  
Group(s): General  
Site(s): General  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, USACE, Tulsa District  
Recipient: All Parties  
Date: 19 October 1998  
Bate Stamp: 023774-023775

K: Title: Letter; Certified – Recommended Sampling Procedures For Goose PrairieCreek,  
CentralCreek, Harrison Bayou, Saunders Branch, and Caddo Lake  
Group(s):  
Site(s):  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: Diane R. Poteet, Project Manager (MC-143)  
Recipient: James A. McPherson, Army, Commanders Representative  
Date: 30 October 1998  
Bate Stamp: 023776-023783



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**1998**

- A:     Title:         Report – Environmental Baseline Survey  
                      for Longhorn Army Ammn. Plant; Karnack, Texas
- Group(s):  
          Site(s):  
          Location:    St. Louis, Missouri; Sverdrup Environmental, Inc.  
          Author:       Sverdrup Environmental, Inc.  
          Recipient:   David Tolbert, Army, Project Manager  
          Date:         October 1998, Rev. 2  
          Bate Stamp:  023784-024440
- 
- B:     Title:         Minutes – Monthly Manager's Meeting (via teleconference),  
                      Longhorn AAP
- Group(s):    General  
          Site(s):     General  
          Location:    Karnack, Texas; Longhorn Army Ammunition Plant  
          Author:       Jonna Polk, USACE, Tulsa District  
          Recipient:   All Parties  
          Date:         10 November 1998  
          Bate Stamp:  024441-024444
- 
- C:     Title:         Minutes – Technical Review Committee Meeting,  
                      Longhorn AAP
- Group(s):    General  
          Site(s):     General  
          Location:    Karnack, Texas; Longhorn Army Ammunition Plant  
          Author:       Jonna Polk, USACE, Tulsa District  
          Recipient:   All Parties  
          Date:         08 December 1998  
          Bate Stamp:  024445-024450

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**1999**

- A: Title: Letter: Certified – Notification of designated Project Manager and address for the Texas Natural Resource Conservation Commission  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: Diane R. Poteet, (MC-143), Superfund Cleanup Section, Remediation Division, TNRCC  
Recipient: James A. McPherson, Commanders Representative, Longhorn AAP  
Date: 26 January 1999  
Bate Stamp: 024451-024452
- B: Title: Minutes – Monthly Manager's Meeting, Longhorn AAP  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, Tulsa District, USACE  
Recipient: All Parties  
Date: 18 February 1999  
Bate Stamp: 024453-024454
- C: Title: Letters - Subject: Proposal to reduce the sampling schedule for treated water discharged from the Groundwater Treatment Plant at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Doyline, Louisiana; Longhorn/Louisiana Army Ammunition Plants  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Chris Villarreal, US Environmental Protection Agency and Mike Moore, Texas Natural Resource Conservation Commission  
Date: 02 March 1999  
Bate Stamp: 024455 – 024456
- D: Title: Letter - Subject: Concur letter to proposal of reducing the sampling schedule for treated water discharged from the Groundwater Treatment Plant at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: Michael A. Moore, Senior Project Manager, TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 19 March 1999  
Bate Stamp: 024457 – 024457
- E: Title: Fax/Letter - Subject: Concur letters for reducing the sampling schedule for treated water discharged from the Groundwater Treatment Plant at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission & Dallas, Texas; US Environmental Protection Agency  
Author: Michael A. Moore, Senior Project Manager, TNRCC & Chris G. Villarreal, Project Manager, EPA

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Recipient: David Tolbert, Project Manager, Longhorn AAP  
& James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 23 March 1999  
& 24 March 1999  
Bate Stamp: 024458 - 024460

F: Title: Minutes - Technical Review Committee Meeting, Longhorn AAP  
Location: Karnack, Texas; Karnack Community Center  
Author: Jonna Polk, Tulsa District, USACE  
Recipient: All Parties  
Date: 25 March 1999  
Bate Stamp: 024461-024466

G: Title: Letter - Subject: Pipeline to divert discharge to a temporary holding pond from the Groundwater Treatment Plant at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Doyline, Louisiana; Department of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Chris Villarreal, Remedial Project Manager, Superfund Div., EPA  
& Mike Moore, Superfund Investigation Section, TNRCC  
Date: 05 April 1999  
Bate Stamp: 024467 - 024468

H: Title: Minutes - Monthly Manager's Meeting, Longhorn AAP  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, Tulsa District, USACE  
Recipient: All Parties  
Date: 12 April 1999  
Bate Stamp: 024469-024469

I: Title: Letter - Subject: Draft Cost and Performance Report for Burning Ground No. 3 at Longhorn Army Ammunition Plant, Karnack, Texas - January 11, 1999  
Location: Dallas, Texas; U.S. EPA Region 6  
Author: Chris G. Villarreal, Remedial Project Manager, Superfund Division, EPA  
Recipient: Cliff Murray, Tulsa District, USACE  
Date: 19 April 1999  
Bate Stamp: 024470-024470

J: Title: Minutes - Monthly Manager's Meeting, Longhorn AAP  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, Tulsa District, USACE  
Recipient: All Parties  
Date: 19 May 1999  
Bate Stamp: 024471-024472

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- K: Title: Letter - Subject: Notification of TNRCC's designated Project Manager  
In accordance with the Federal Facility Agreement for the Longhorn Army  
Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: Wade Stone, Superfund Cleanup Section Remediation Div., TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 28 May 1999  
Bate Stamp: 024473 - 024474
- L: Title: Minutes - Technical Review Committee Meeting, Longhorn AAP  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, Tulsa District, USACE  
Recipient: All Parties  
Date: 02 June 1999  
Bate Stamp: 024475-024475
- M: Title: Letter - Subject: Perchlorate Action Plan for the Longhorn Army Ammunition Plant,  
Karnack, Texas  
Location: Doyline, Louisiana; Department of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Wade Stone, Superfund Cleanup Section Remediation Div., TNRCC  
Date: 24 June 1999  
Bate Stamp: 024476 - 024478
- N: Title: Letter - Subject: Analytical reports for water samples collected at the Blanchard,  
Louisiana public water supply water treatment plant  
Location: Dallas, Texas; U.S. EPA Region 6  
Author: Chris G. Villareal, Remedial Project Manager, EPA  
Recipient: Robert McEachern  
Date: 28 June 1999  
Bate Stamp: 024479-024482
- O: Title: Letter - Subject: Copy of the EPA's Interim Assessment Guidance for Perchlorate  
Location: Dallas, Texas; U.S. EPA Region 6  
Author: Chris G. Villareal, Remedial Project Manager, EPA  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 08 July 1999  
Bate Stamp: 024483-024487
- P: Title: E-Mail - Subject: Immediate actions for Perchlorate sampling at the Longhorn Army  
Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: James S.H. Sher, P.E., TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: July 1999  
Bate Stamp: 024488 - 024488

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- Q: Title: Letter - Subject: Request for Immediate Initial Assessment of Perchlorate in Caddo Lake and the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section Remediation Division, TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 09 July 1999  
Bate Stamp: 024489 - 024501
- R: Title: Letter - Subject: Response to the July 9, 1999 TNRCC Request for Immediate Initial Assessment of Perchlorate in Caddo Lake and the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Doyline, Louisiana; Department of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section Remediation Division, TNRCC  
Date: 12 July 1999  
Bate Stamp: 024502 - 024503
- S: Title: Letter - Subject: Response to the July 12, 1999 Army Response to the TNRCC Request for Immediate Initial Assessment of Perchlorate in Caddo Lake and the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section Remediation Division, TNRCC  
Recipient: David Tolbert, Program Manager, Longhorn AAP  
Date: 13 July 1999  
Bate Stamp: 024504 - 024505
- T: Title: Letter & Report - Subject: Final Release Version of public health assessment of the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Atlanta, Georgia, Department of Health & Human Services, Agency for Toxic Substances and Disease Registry (ATSDR)  
Author: Max M. Howie, Jr., Chief, Program Evaluation, Records and Information Services Branch, ATSDR  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 14 July 1999  
Bate Stamp: 024506-024570
- U: Title: Letter - Subject: Response to the July 9, 1999 TNRCC Request for Immediate Initial Assessment of Perchlorate in Caddo Lake and the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Doyline, Louisiana; Department of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP

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Recipient: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section Remediation  
Division, TNRCC  
Date: 15 July 1999  
Bate Stamp: 024571 – 024572

V: Title: Minutes – Monthly Manager's Meeting, Longhorn AAP  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, Tulsa District, USACE  
Recipient: All Parties  
Date: 20 July 1999  
Bate Stamp: 024573-024575

W: Title: Memorandum – Reference the July 9, 1999 TNRCC Request for Immediate Initial  
Assessment of Perchlorate in Caddo Lake and the Longhorn Army Ammunition  
Plant, Karnack, Texas  
Location: Doyline, Louisiana; Department of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Memorandum For Record  
Date: 24 August 1999  
Bate Stamp: 024576-024576

X: Title: Letter - Subject: Notification of TNRCC's designated Project Manager  
In accordance with the Federal Facility Agreement for the Longhorn Army  
Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: Wade Stone, Superfund Cleanup Section Remediation Div., TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 25 August 1999  
Bate Stamp: 024577 – 024578

Y: Title: Letter - Subject: Routine Inspection of PWS ID No. 1020025 to evaluate compliance  
with applicable public water supply requirements for the Longhorn Army  
Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: C. Noel Luper, P.E., Water Section Mgr., Tyler Region Office, TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 27 August 1999  
Bate Stamp: 024579 – 024579

Z: Title: Letter – Subject: Early Interim Remedial Action at Burning Ground No. 3 and  
Landfills 12 and 16 – Remedial Action Completion  
Location: Dallas, Texas; U.S. EPA Region 6  
Author: William K. Honker, Chief, AR/OK/TX Branch, EPA  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 31 August 1999  
Bate Stamp: 024580-024581

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- AA: Title: Letter - Subject: Request for confirmation of intent to pursue funding regarding Immediate and Specific Actions for Perchlorate Contamination at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: Scott T. Crouch, Section Manager, Superfund Cleanup Section, TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 03 September 1999  
Bate Stamp: 024582 - 024583
- BB: Title: Memorandum - Subject: Response to September 3, 1999 TNRCC Request for confirmation of intent to pursue funding regarding Immediate and Specific Actions for Perchlorate Contamination at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Doyline, Louisiana; Department of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Memorandum For Commander, U.S. Industrial Operations Command  
Date: 07 September 1999  
Bate Stamp: 024584-024585
- CC: Title: Memorandums - Subject: Response pertaining to Specific Funding for Perchlorate Contamination at the Longhorn Army Ammunition Plant, Karnack,  
Location: Rock Island, Illinois; Department of the Army, HQ U.S. Army Industrial Operations Command  
Author: B.G. Murphy, Chief, Environmental Mgmt. and Restoration Team & P.S. Morris, Colonel  
Recipient: Memorandum For Commander, U.S. Army Materiel Command  
Date: 09 September 1999  
& 13 September 1999  
Bate Stamp: 024586-024587
- DD: Title: Minutes - Technical Review Committee Meeting, Longhorn AAP  
Location: Karnack, Texas; Longhorn Army Ammunition Plant  
Author: Jonna Polk, Tulsa District, USACE  
Recipient: All Parties  
Date: 14 September 1999  
Bate Stamp: 024588-024591
- EE: Title: Letter - Subject: Capping of Perchlorate Contaminated Soils at Bldg. 25-C at the Longhorn Army Ammn. Plant, Karnack, Texas  
Location: Dallas, Texas; U.S. EPA Region 6  
Author: Chris G. Villareal, Remedial Project Manager, EPA  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 24 September 1999  
Bate Stamp: 024592-024593

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- FF: Title: Letter - Subject: Notification of Dispute regarding Immediate and Specific Actions for Perchlorate Contamination at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: Jacqueline S. Hardee, PE, Director, Remediation Division, TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 27 September 1999  
Bate Stamp: 024594 - 024610
- GG: Title: Memorandum - Subject: Perchlorate Sampling Interim Guidance  
Location: Washington, DC, Department of the Army, Assistant Chief of Staff for Installation Management  
Author: Richard L. Freeman, Colonel, GS, Director, Environmental Programs  
Recipient: Memorandum for Distribution  
Date: 30 September 1999  
Bate Stamp: 024611 - 024613
- HH: Title: Letter - Subject: Response to September 27, 1999 TNRCC Notice of Dispute Letter regarding Immediate and Specific Actions for Perchlorate Contamination at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Dallas, Texas, U.S. Environmental Protection Agency  
Author: Myron O. Knudson, P.E., Director, Superfund Division, EPA  
Recipient: Jacqueline S. Hardee, PE, Director, Remediation Division, TNRCC  
Date: 07 October 1999  
Bate Stamp: 024614 - 024615
- II: Title: E-Mail - Subject: Environmental Issue, Perchlorate, at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Doyline, Louisiana; Department of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Paul H. Woodhouse  
Date: 07 October 1999  
Bate Stamp: 024616 - 024616
- JJ: Title: Letter - Subject: Response to TNRCC Notification of Dispute Letter regarding Immediate and Specific Actions for Perchlorate Contamination at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Rock Island, Illinois, Department of the Army, HQ, U.S. Army Industrial Operations Command  
Author: Dennis L. Bates, Chief, Environmental/Safety Law, Department of the Army  
Recipient: Jacqueline S. Hardee, PE, Director, Remediation Division, TNRCC  
Date: 14 October 1999  
Bate Stamp: 024617 - 024618
- KK: Title: Letter - Subject: Data and Documents pertaining to Perchlorate at the Longhorn Army Ammunition Plant, Karnack, Texas



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Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section, TNRCC  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 04 November 1999  
Bate Stamp: 024619 - 024637

LL: Title: Letter - Subject: Request for Meeting on Perchlorate Environmental Restoration Plan for the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Rock Island, Illinois, Department of the Army, HQ, U.S. Army Industrial Operations Command  
Author: B.G. Murphy, Chief, Environmental Team, Department of the Army  
Recipient: Jacqueline S. Hardee, PE, Director, Remediation Division, TNRCC  
Date: 10 November 1999  
Bate Stamp: 024638 - 024639

MM: Title: Fax/Letter - Subject: Copy of Letter sent to Mr. Myron O. Knudson, EPA, concerning Perchlorate at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Austin, Texas; Texas Natural Resource Conservation Commission  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section, TNRCC  
Recipient: David Tolbert, Program Manager, Longhorn AAP  
Date: 17 November 1999  
Bate Stamp: 024640 - 024644

NN: Title: Fax/Letter - Subject: Letter concerning Notification of Delegation for Dispute Resolution Proceedings concerning Perchlorate at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Dallas, Texas, U.S. Environmental Protection Agency  
Author: Chris G. Villarreal, Remedial Project Manager, EPA  
Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 30 November 1999  
Bate Stamp: 024645 - 024646

OO: Title: Minutes - Perchlorate Resolution Meeting, Longhorn AAP  
Location: Austin, Texas  
Author: Jonna Polk, Tulsa District, USACE  
Recipient: All Parties  
Date: 01 December 1999  
Bate Stamp: 024647-02652

PP: Title: Fax/Letter - Subject: Letter concerning Unanimous Decision of Dispute Resolution Committee concerning Perchlorate at the Longhorn Army Ammunition Plant, Karnack, Texas  
Location: Dallas, Texas, U.S. Environmental Protection Agency  
Author: Chris G. Villarreal, Project Manager, Superfund Division, EPA

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Recipient: James A. McPherson, Commander's Representative, Longhorn AAP  
Date: 06 December 1999  
Bate Stamp: 024653 - 024657

QQ: Title: Memorandum - Subject: LHAAP Request for Permission to Sample Beyond  
Property Boundary to determine whether Perchlorate is present in the surface water  
of Caddo Lake, Karnack, Texas  
Location: Doyline, Louisiana; Department of the Army  
Author: James A. McPherson, Commander's Representative, Longhorn AAP  
Recipient: Memorandum For Commander, U.S. Industrial Operations Command  
Date: 13 December 1999  
Bate Stamp: 024658-024658

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**Year - 2000**

- A: Title: Letter - Subject: Perchlorate Sampling Results from samples taken by the Texas Natural Resource Conservation Commission (TNRCC) for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section, TNRCC, Austin, Texas  
Recipient: James A. McPherson, Commander's Representative, LHAAP  
copied to: Chris Villarreal, US Environmental Protection Agency (EPA)  
Date: 07 February 2000  
Bate Stamp: 024659 - 024660
- B: Title: Meeting Agenda - Technical Review Committee Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 15 March 2000  
Bate Stamp: 024661 - 024674
- C: Title: Letter & Report - Subject: Caddo Lake Storm Water Sampling Analytical Results for samples collected for the Longhorn Army Ammunition Plant (LHAAP), Karnack, TX  
Author: Chris Villarreal, US Environmental Protection Agency (EPA), Dallas, Texas  
Recipient: James S.H. Sher, P.E., Texas Natural Resource Conservation Commission (TNRCC)  
copied to: James A. McPherson, Commander's Representative, LHAAP,  
Jonna Polk, Tulsa District, U.S. Army Corps of Engineers (USACE),  
& Dan Wall, U.S. Fish & Wildlife Service  
Date: 01 May 2000  
Bate Stamp: 024675 - 024729
- D: Title: Meeting Agenda - Monthly Manager's Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 15 June 2000  
Bate Stamp: 024730 - 024745
- E: Title: Fax/Letter - Subject: Texas Risk Reduction Program - Ref: Request by the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas to be grandfathered under the Risk Reduction Rules  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section, Texas Natural Resource Conservation Commission (TNRCC)  
Recipient: David Tolbert, Commander's Representative, LHAAP  
copied to: Chris Villarreal, US Environmental Protection Agency (EPA)  
Date: 07 August 2000  
Bate Stamp: 024746

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**VOLUME 1 of 2 (continued)**

**Year - 2000**

- F: Title: Meeting Agenda – Technical Review Committee Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 14 September 2000  
Bate Stamp: 024747 – 024756
- G: Title: Final Report - Remedial Investigation Report - Volume 1: Report for Site 16 Landfill Remedial Investigation and Feasibility Study at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., St. Louis, Missouri  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: October, 2000  
Bate Stamp: 024757 – 024888
- H: Title: Final Report - Remedial Investigation Report - Volume 2: Appendix I - Figures for Site 16 Landfill Remedial Investigation and Feasibility Study at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., St. Louis, Missouri  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: October, 2000  
Bate Stamp: 024889 – 024920

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**Year - 2000**

- A:     **Title:**         **Final Report - Remedial Investigation Report - Volume 3: Appendices II -V, for Site 16 Landfill Remedial Investigation and Feasibility Study at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
          **Author:**        **Jacobs Engineering Group, Inc., St. Louis, Missouri**  
          **Recipient:**   **U.S. Army Corps of Engineers (USACE), Tulsa District**  
          **Date:**         **October, 2000**  
          **Bate Stamp:** **024921 – 025488**
- B:     **Title:**         **Meeting Minutes – Monthly Manager’s Meeting Teleconference, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
          **Recipient:**   **All Parties**  
          **Date:**         **07 November 2000**  
          **Bate Stamp:** **025489**
- C:     **Title:**         **Meeting Agenda – Technical Review Committee Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
          **Recipient:**   **All Parties**  
          **Date:**         **06 December 2000**  
          **Bate Stamp:** **025490 – 025525**

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**Year - 2001**

- A: Title: Final Report - Remedial Investigation Report - Volume 1: Report, for Group 2 Sites Remedial Investigation Report, Sites 12,17, 18/24, 29, and 32 at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., St. Louis, Missouri  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: April, 2001  
Bate Stamp: 025526 - 025828
- B: Title: Final Report - Remedial Investigation Report - Volume 2: Appendix I - Figures, for Group 2 Sites Remedial Investigation Report, Sites 12,17, 18/24, 29, and 32 at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., St. Louis, Missouri  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: April, 2001  
Bate Stamp: 025829 - 025880
- C: Title: Final Report - Remedial Investigation Report - Volume 3: Appendices II-IV, for Group 2 Sites Remedial Investigation Report, Sites 12,17, 18/24, 29, and 32 at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., St. Louis, Missouri  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: April, 2001  
Bate Stamp: 025881 - 026577
- D: Title: Letter - Subject: Use of Texas Risk Reduction Rules for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section, Texas Natural Resource Conservation Commission (TNRCC), Austin, Texas  
Recipient: David Tolbert, Commander's Representative, LHAAP  
Date: 02 April 2001  
Bate Stamp: 026578 - 026579

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**Year - 2001**

- A: Title: Memorandum & Report - Subject: Hazardous and Medical Waste Study - Response Complete Verification and Relative Risk Site Evaluation for the Longhorn Army Ammunition Plant (LHAAP), Karnack, TX  
Author: Linda L. Baetz, Program Manager, U.S. Army Center for Health Promotion and Preventive Medicine, Aberdeen Proving Ground, Maryland  
Recipient: David Tolbert, Commander's Representative, LHAAP  
Date: Memorandum: 30 April 2001 - Report: 10-12 July 2000  
Bate Stamp: 026580 - 026679
- B: Title: Meeting Agenda - Technical Review Committee Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 12 June 2001  
Bate Stamp: 026680 - 026692
- C: Title: Final Report - Baseline Risk Assessment: Human Health Evaluation - Volume 1: Report (supplement to the Remedial Investigation Report), for Site 16 Landfill Remedial Investigation and Feasibility Study, at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., St. Louis, Missouri  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: June, 2001  
Bate Stamp: 026693 - 026809
- D: Title: Meeting Agenda - Monthly Manager's Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 21 August 2001  
Bate Stamp: 026810 - 026832
- E: Title: Meeting Minutes - Monthly Manager's Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas (Held at Texas Natural Resource Conservation Commission (TNRCC) Offices in San Antonio, Texas)  
Recipient: All Parties  
Date: 22 August 2001  
Bate Stamp: 026833 - 026836

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**VOLUME 2 of 2 (continued)**

**Year - 2001**

- F: Title: Report - Perchlorate Investigation Results and Recommendations, at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: U.S. Army Corps of Engineers (USACE), Tulsa District  
Recipient:  
Date: 21 August 2001  
Bate Stamp: 026837 - 026891
- G: Title: Letter - Subject: Perchlorate Activities at the Longhorn Army Ammunition Plant (LHAAP), Karnack, TX  
Author: Chris Villarreal, Remedial Project Manager, US Environmental Protection Agency (EPA), Dallas, Texas  
Recipient: David Tolbert, Commander's Representative, LHAAP  
Date: 10 September 2001  
Bate Stamp: 026892
- H: Title: Memorandum & Email- Subject: Revised Interim Action Level for Perchlorate for the Longhorn Army Ammunition Plant (LHAAP), Karnack, TX  
Author: Memorandum: Michael Honeycutt, Ph.D., Toxicology & Risk Assessment Section, Office of Permitting, Remediation & Registration, Texas Natural Resource Conservation Commission (TNRCC)  
Email: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section, Texas Natural Resource Conservation Commission (TNRCC), Austin, Texas  
Recipient: All Parties  
Date: 05 October 2001  
Bate Stamp: 026893 - 026894
- I: Title: Final Report - Final Ecological Risk Assessment: A supplement to the Remedial Investigation Report for Site 16 Landfill, at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., Oak Ridge, Tennessee  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: October, 2001  
Bate Stamp: 026895 - 027240
- J: Title: Meeting Agenda - Technical Review Committee Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 11 December 2001  
Bate Stamp: 027241 - 027258



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**Year - 2001**

- K:     Title:        **Meeting Minutes** – Technical Review Committee Meeting, Longhorn Army  
                          Ammunition Plant (LHAAP), Karnack, Texas  
      Recipient:    All Parties  
      Date:         11 December 2001  
      Bate Stamp:  027259 – 027261
- L:     Title:        **Meeting Agenda** – Information Briefing for DOD PWG: Status of Cleanup  
                          Technologies and Ecological Studies, Longhorn Army Ammunition Plant (LHAAP),  
                          Karnack, Texas  
      Recipient:    All Parties  
      Date:         12 December 2001  
      Bate Stamp:  027262 – 027263

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**Year - 2002**

- A: Title: Letter - Subject: Discharge Criteria for Perchlorate at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section, Texas Natural Resource Conservation Commission (TNRCC), Austin, Texas  
Recipient: David Tolbert, Commander's Representative, LHAAP  
copied to: Chris Villarreal, US Environmental Protection Agency (EPA), & Jonna Polk, U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: 08 January 2002  
Bate Stamp: 027264
- B: Title: Letter - Subject: Texas Risk Reduction Rules for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Kristian A. Mauricio, Assistant Project Manager, Superfund Cleanup Section, Texas Natural Resource Conservation Commission (TNRCC), Austin, Texas  
Recipient: David Tolbert, Commander's Representative, LHAAP  
copied to: Chris Villarreal, US Environmental Protection Agency (EPA), & Jonna Polk, U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: 28 January 2002  
Bate Stamp: 027265
- C: Title: Meeting Agenda - Monthly Manager's Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 30 January 2002  
Bate Stamp: 027266 - 027269
- D: Title: Meeting Minutes - Monthly Manager's Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 30 January 2002  
Bate Stamp: 027270 - 027272
- E: Title: Final Report - Remedial Investigation Report - Volume 1: Report, for Group 4 Sites, Sites 35A, 35B, 35C, 46, 47, 48, 50, 60, and Goose Prairie Creek at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., Oak Ridge, Tennessee  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: January, 2002  
Bate Stamp: 027273 - 027520

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**VOLUME 1 of 4 (continued)**

**Year - 2002**

F:     Title:        Final Report - Remedial Investigation Report - Volume 2: Appendices, for Group 4  
                      Sites, Sites 35A, 35B, 35C, 46, 47, 48, 50, 60, and Goose Prairie Creek at the  
                      Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
      Author:        Jacobs Engineering Group, Inc., Oak Ridge, Tennessee  
      Recipient:    U.S. Army Corps of Engineers (USACE), Tulsa District  
      Date:         January, 2002  
      Bate Stamp:  027521 - 028356

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**Year - 2002**

- A: Title: Meeting Minutes – Pre-Monthly Meeting, for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas (Held at U.S. Environmental Protection Agency (EPA) Offices in Dallas, Texas)  
Recipient: All Parties  
Date: 26 February 2002  
Bate Stamp: 028357 – 028359
- B: Title: Final Report - Remedial Investigation Report Addendum- for Group 4 Sites Remedial Investigation Report, Sites 04, 08, 67, and Hydrocarbon Study at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., Oak Ridge, Tennessee  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: February, 2002  
Bate Stamp: 028360 – 028803
- C: Title: Final Report - Remedial Investigation Report Addendum- for Group 2 Sites Remedial Investigation Report, Site 49 at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., Oak Ridge, Tennessee  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: February, 2002  
Bate Stamp: 028804 – 028849
- D: Title: Final Project Plans - Project Plans, including Work Plan, Health & Safety Plan, Sampling and Analysis Plan, for the Plant-Wide Perchlorate Investigation at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Solutions To Environmental Problems, Inc. (STEP), Oak Ridge, Tennessee  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: February, 2002  
Bate Stamp: 028850 – 029083
- E: Title: Meeting Agenda – Technical Review Committee (TRC) Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 19 March 2002  
Bate Stamp: 029084 – 029111

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**VOLUME 2 of 4 (continued)**

**Year - 2002**

- F: Title: Meeting Minutes – Monthly Manager’s Meeting for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas (Held at Texas Natural Resource Conservation Commission (TNRCC) Offices in Austin, Texas)  
Recipient: All Parties  
Date: 09 April 2002  
Bate Stamp: 029112 – 029113
- G: Title: Meeting Minutes – Data Quality Objective Workshop Meeting, Group 2, for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas (Held in Dallas, Texas)  
Recipient: All Parties  
Date: 13 June 2002  
Bate Stamp: 029114 – 029120
- H: Title: Meeting Agenda – Technical Review Committee (TRC) Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 20 June 2002  
Bate Stamp: 029121 – 029137
- I: Title: Meeting Minutes – Meeting for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas (Held at Texas Natural Resource Conservation Commission (TNRCC) Offices in Austin, Texas)  
Recipient: All Parties  
Date: 19 July 2002  
Bate Stamp: 029138 – 029145

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**VOLUME 3 of 4**

**Year - 2002**

- A:     **Title:**         **Final Report - Five-Year Review Report - for Sites 18 & 24 (Burning Ground 3), Site 16 (Old Landfill), and Site 12 (Sanitary Landfill) at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**
- Author:**        Complete Environmental Service (CES), Karnack, Texas
- Recipient:** U.S. Army Corps of Engineers (USACE), Tulsa District
- Date:**         August, 2002
- Bate Stamp:** 029146 – 029297
- 
- B:     **Title:**         **Final Report - Baseline Human Health and Screening Ecological Risk Assessment: - Volume 1: Report, for Group 2 Sites, Sites 12, 17, 18/24, 29, 32, 49, Harrison Bayou, and Caddo Lake, at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**
- Author:**        Jacobs Engineering Group, Inc., Oak Ridge, Tennessee
- Recipient:** U.S. Army Corps of Engineers (USACE), Tulsa District
- Date:**         August, 2002
- Bate Stamp:** 029298 – 029954

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**VOLUME 4 of 4**

**Year - 2002**

- A:     **Title:**        Final Report - Baseline Human Health and Screening Ecological Risk Assessment: - Volume 2: Appendices A, B, C, D, E, F, and G, for Group 2 Sites, Sites 12, 17, 18/24, 29, 32, 49, Harrison Bayou, and Caddo Lake, at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
       **Author:**        Jacobs Engineering Group, Inc., Oak Ridge, Tennessee  
                       & Brown and Caldwell, Nashville, Tennessee  
                       & Roy F. Weston, Inc., Houston, Texas  
       **Recipient:**    U.S. Army Corps of Engineers (USACE), Tulsa District  
       **Date:**         August, 2002  
       **Bate Stamp:**  029955 – 031074
- B:     **Title:**        Meeting Agenda – Technical Review Committee (TRC) Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
       **Recipient:**    All Parties  
       **Date:**         10 September 2002  
       **Bate Stamp:**  031075 – 031093
- C:     **Title:**        Meeting Agenda – Technical Review Committee (TRC) Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
       **Recipient:**    All Parties  
       **Date:**         05 December 2002  
       **Bate Stamp:**  031094 – 031111
- D:     **Title:**        Meeting Minutes – Installation Action Plan Meeting for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas (Held at Westin Riverwalk Hotel in San Antonio, Texas)  
       **Recipient:**    All Parties  
       **Date:**         18 December 2002  
       **Bate Stamp:**  031112 – 031115

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**Year - 2003**

- A: Title: Letter - Subject: Compliance points and values at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: James S.H. Sher, P.E., Project Manager, Superfund Cleanup Section, Texas Commission on Environmental Quality (TCEQ), Austin, Texas  
Recipient: David Tolbert, Commander's Representative, LHAAP  
Date: 05 March 2003  
Bate Stamp: 031116
- B: Title: Meeting Agenda - Technical Review Committee (TRC) Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 11 March 2003  
Bate Stamp: 031117 - 031142
- C: Title: Report - Installation Action Plan, for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: U.S. Army Corps of Engineers (USACE), Tulsa District  
Recipient:  
Date: March 2003  
Bate Stamp: 031143 - 031202
- D: Title: Letter - Subject: Background soil sampling locations for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Acting Regional Director, U.S. Department of the Interior, Fish and Wildlife Service, Albuquerque, New Mexico  
Recipient: Jonna Polk, U.S. Army Corps of Engineers (USACE), Tulsa District, copied to: Chris Villarreal, US Environmental Protection Agency (EPA), James Sher, Texas Commission on Environmental Quality (TCEQ), Rod Krey, Refuge Supervisor, National Wildlife Refuge System & Renne Lohofener, Texas State Administrator, Ecological Services Field Office, Austin, Texas  
Date: 22 May 2003  
Bate Stamp: 031203 - 031204
- E: Title: Meeting Agenda - Technical Review Committee (TRC) Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 19 June 2003  
Bate Stamp: 031205 - 031226



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**Year - 2003**

**Note:** *A report Titled: Final Baseline Human Health and Screening Ecological Risk Assessment for Group 4 Sites, should have been inserted here for June 2003. However, due to receiving this document after the July 2004 update to the Admin. Record, it is out of sequence. For this report go to Volume 4 of 7, Year 2004, Letter A through Volume 7 of 7, Year 2004, Letter A.*

- F:** Title: Meeting – Technical Review Committee (TRC) Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at Texas Commission on Environmental Quality (TCEQ), Austin, Texas  
Recipient: All Parties  
Date: 21 August 2003  
Bate Stamp: 031227
- G:** Title: Letter & Report - Closure Report for filling in Basement Structures at Site 32 at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: William R. Corrigan, Project Manager, Complete Environmental Service, Karnack, TX  
Recipient: David Tolbert, Commander's Representative, LHAAP  
copied to: Robert J. Matthys, AMSOS-CCM-R  
Date: 04 September 2003  
Bate Stamp: 031228 – 031249
- H:** Title: Meeting – Technical Review Committee (TRC) Meeting, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at the Groundwater Treatment Plant (GWTP) Army Office Trailer, Karnack, Texas  
Recipient: All Parties  
Date: 17 September 2003  
Bate Stamp: 031250 – 031306
- I:** Title: Meeting – Technical Review Committee (TRC) Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at Texas Commission on Environmental Quality (TCEQ), Austin, Texas  
Recipient: All Parties  
Date: 14 October 2003  
Bate Stamp: 031307 – 031331
- J:** Title: Meeting – Comment Resolution Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at Texas Commission on Environmental Quality (TCEQ), Austin, Texas  
Recipient: All Parties  
Date: 03-04 November 2003  
Bate Stamp: 031332 – 031349

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**VOLUME 1 of 1 (continued)**

**Year - 2003**

- K:**     **Title:**         **Meeting – Monthly Managers Meeting & Partnering / Transition Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at Courtyard Marriott, Dallas, Texas**  
          **Recipient:**   **All Parties**  
          **Date:**        **19 November 2003**  
          **Bate Stamp:** **031350 – 031382**
- L:**     **Title:**         **Meeting – Technical Review Committee (TRC) Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at the Groundwater Treatment Plant (GWTP) Army Office Trailer, Karnack, Texas**  
          **Recipient:**   **All Parties**  
          **Date:**        **03 December 2003**  
          **Bate Stamp:** **031383 – 031406**
- M:**     **Title:**         **Letter - Subject: Appointed Site Manager for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
          **Author:**     **Thomas E. Lederle, Director, Base Realignment and Closure, Hampton Field Office, Department of the Army, Fort Monroe, Virginia**  
          **Recipient:**   **Chris Villarreal, US Environmental Protection Agency (EPA), Dallas, Texas**  
                          **copied to: James Sher, Texas Commission on Environmental Quality (TCEQ), Austin, Texas**  
          **Date:**        **08 December 2003**  
          **Bate Stamp:** **031407**

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**Year - 2004**

- A: Title: Letter & Final Report - Final Workplan -- Installation-Wide Background Study for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: David Tester, Project Manager, Shaw Environmental & Infrastructure, Inc., Houston, Texas  
Recipient: Andy Obrochta, U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: 09 January 2004  
Bate Stamp: 031408 - 031752
- B: Title: Letter - Subject: Using the Bootstrap Method for data collection at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Kristian A. Mauricio, Project Manager, Superfund Cleanup Section, Texas Commission on Environmental Quality (TCEQ), Austin, Texas  
Recipient: Rose M. Zeiler, Site Manager, LHAAP  
Date: 12 January 2004  
Bate Stamp: 031753
- C: Title: Meeting - Monthly Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas - Meeting held at Texas Commission on Environmental Quality (TCEQ), Austin, Texas  
Recipient: All Parties  
Date: 21 January 2004  
Bate Stamp: 031754 - 031792
- D: Title: Meeting - Monthly Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas - Meeting held at Airport Hilton, San Antonio, Texas  
Recipient: All Parties  
Date: 11 February 2004  
Bate Stamp: 031793 - 031819
- E: Title: Letter & Final Report - Final Workplan -- Groundwater Data Gaps Investigation, Groups 2 and 4, for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Praveen Srivastav, Deputy Project Manager / Technical Lead, Shaw Environmental & Infrastructure, Inc., Houston, Texas  
Recipient: Andy Obrochta, U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: 24 February 2004  
Bate Stamp: 031820 - 032072

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**Year - 2004**

- A: Title: Meeting – Technical Review Committee (TRC) Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at the Groundwater Treatment Plant (GWTP) Army Office Trailer, Karnack, Texas  
Recipient: All Parties  
Date: 03 March 2004  
Bate Stamp: 032073 – 032110
- B: Title: Letter & Final Report - Final Technical Memorandum – Modeling Approach for Derivation of Soil and Groundwater Concentrations Protective of Surface Water and Sediment, for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Praveen Srivastav, Deputy Project Manager / Technical Lead, Shaw Environmental & Infrastructure, Inc., Houston, Texas  
Recipient: Andy Obrochta, U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: 26 March 2004  
Bate Stamp: 032111 – 032151
- C: Title: Meeting – Monthly Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at EPA Region 6 Headquarters, Dallas, Texas  
Recipient: All Parties  
Date: 21 April 2004  
Bate Stamp: 032152 – 032183
- D: Title: Letter & Transfer Documents – Transfer of a portion of Property at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author of Letter: Regional Director, United States Department of the Interior, Fish and Wildlife Service, Albuquerque, New Mexico  
Recipient: Craig E. Blair, Acting Director, Real Property Disposal Division, General Services Administration (GSA), Fort Worth, Texas  
Date: 13 May 2004  
Bate Stamp: 032184 – 032292
- E: Title: Meeting – Monthly Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held by phone conference, Tulsa, Oklahoma  
Recipient: All Parties  
Date: 19 May 2004  
Bate Stamp: 032293 – 032310

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**Year - 2004**

- F:     **Title:**            Letter & Final Report - Final Environmental Condition of Property I (ECOP) for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
      **Author of Report:**   Shaw Environmental & Infrastructure, Inc., Houston, Texas  
      **Author of Letter:**   Rose M. Zeiler, Site Manager, LHAAP  
      **Recipient:**       Chris Villarreal, US Environmental Protection Agency (EPA), Dallas, Texas  
                          copied to: James Sher, TCEQ, Austin, Texas; Paul Comes, USFWS, Region 2, Albuquerque, New Mexico; Paul Bruckwicki, USFWS, Caddo Lake NWR, Texas; Susan Trussell, USACE, Tulsa District; Cliff Murray, USACE, Tulsa District; Jeff Armstrong, AEC; June Ahrens, USACE, Fort Worth District  
      **Date:**             20 May 2004  
      **Bate Stamp:**   032311 - 032432
- G:     **Title:**            Meeting - Technical Review Committee (TRC) Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas - Meeting held at the Groundwater Treatment Plant (GWTP) Army Office Trailer, Karnack, Texas  
      **Recipient:**       All Parties  
      **Date:**             02 June 2004  
      **Bate Stamp:**   032433 - 032485
- H:     **Title:**            Letter - Subject: Perchlorate Delineation Sampling (Feb. 2004) at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
      **Author:**           Cliff Murray, Technical Manager, HTRW Design Center, USACE, Tulsa District  
      **Recipient:**       Rose M. Zeiler, Site Manager, LHAAP  
      **Date:**             14 June 2004  
      **Bate Stamp:**   032486 - 032493
- I:     **Title:**            Letter - Subject: Forest Management Activities at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
      **Author:**           Mark Williams, US Department of the Interior, Fish and Wildlife Service, Broken Bow, Oklahoma  
      **Recipient:**       Rose M. Zeiler, Site Manager, LHAAP  
      **Date:**             09 July 2004  
      **Bate Stamp:**   032494 - 032504

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**Year - 2004**

- A: Title: Letter & Final Report - Final Background Soil Study Report for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Praveen Srivastav, Project Manager, Shaw Environmental & Infrastructure, Inc., Houston, Texas  
Recipient: Cliff Murray, U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: 13 July 2004  
Bate Stamp: 032505 – 032880
- B: Title: Letter - Subject: To inform about the Transfer of a portion of Property at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Rose M. Zeiler, Site Manager, LHAAP  
Recipient: F. Lawrence Oaks, State Historic Preservation Office, Texas Historical Commission, Austin, Texas  
Date: July 2004  
Bate Stamp: 032881 – 032883
- C: Title: Letter - Subject: Army contact information for reports of Unexploded Ordinance (UXO) at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Rose M. Zeiler, Site Manager, LHAAP  
Recipient: Pat Holmes, Fire Marshall, City of Marshall, Marshall, Texas  
copied to: Mark Williams, FWS; Paul Bruckwicki, FWS; Chris Villarreal, USEPA, Region 6; James Sher, TCEQ; Cliff Murray, USACE, Tulsa District  
Date: 16 July 2004  
Bate Stamp: 032884 – 032886
- D: Title: Letter - Subject: Army contact information for reports of Unexploded Ordinance (UXO) at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Rose M. Zeiler, Site Manager, LHAAP  
Recipient: Ken Toon, Harrison County Sheriff's Department, Marshall, Texas  
copied to: Mark Williams, FWS; Paul Bruckwicki, FWS; Chris Villarreal, USEPA, Region 6; James Sher, TCEQ; Cliff Murray, USACE, Tulsa District  
Date: 16 July 2004  
Bate Stamp: 032887 – 032889
- E: Title: Meeting – Monthly Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at the office of Shaw Environmental, Houston, TX  
Recipient: All Parties  
Date: 21 July 2004  
Bate Stamp: 032890 – 032909

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**Year - 2004**

F:    Title:        Letter - Subject: Perchlorate Delineation Sampling (Feb. 2004) at the Longhorn Army  
                  Ammunition Plant (LHAAP), Karnack, Texas  
          Author:    Chris Villarreal, Remedial Project Manager, US Environmental Protection Agency  
          Recipient: Rose M. Zeiler, Site Manager, LHAAP  
                      copied to: Cliff Murray, USACE, Tulsa District; James Sher, TCEQ; Barry Forsythe,  
                      US Fish and Wildlife Service  
          Date:        26 July 2004  
          Bate Stamp: 032910

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**Year - 2004**

**Note: Volume 4 of 7, Year 2004, Letter A, Bate Stamp Numbers Are Out of Date Sequence, due to receiving this report after the July 2004 update to the Admin. Record. (This report should have been inserted in Volume 1 of 1, Year 2003, between letters E & F.)**

**A: Title: Final Report - Baseline Human Health and Screening Ecological Risk Assessment: - Report for Group 4 Sites, Sites 04, 08, 35A, 35B, 35C, 46, 47, 48, 50, 60, 67, Goose Prairie Creek, Sauder's Branch, Central Creek, and Caddo Lake – for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
**Author: Jacobs Engineering Group, Inc., Oak Ridge, Tennessee**  
**Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District**  
**Date: June, 2003**  
**Bate Stamp: 032911 – 033443**



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**Year - 2004**

**Note: Volume 5 of 7, Year 2004, Letter A, Bate Stamp Numbers Are Out of Date Sequence, due to receiving this report after the July 2004 update to the Admin. Record. (This report should have been inserted in Volume 1 of 1, Year 2003, between letters E & F.)**

**A: Title: Final Report (continued) - Baseline Human Health and Screening Ecological Risk Assessment: - Report for Group 4 Sites, Sites 04, 08, 35A, 35B, 35C, 46, 47, 48, 50, 60, 67, Goose Prairie Creek, Sauder's Branch, Central Creek, and Caddo Lake – for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
**Author: Jacobs Engineering Group, Inc., Oak Ridge, Tennessee**  
**Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District**  
**Date: June, 2003**  
**Bate Stamp: 033444 – 034024**

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**VOLUME 6 of 7**

**Year - 2004**

**Note: Volume 6 of 7, Year 2004, Letter A, Bate Stamp Numbers Are Out of Date Sequence, due to receiving this report after the July 2004 update to the Admin. Record. (This report should have been inserted in Volume 1 of 1, Year 2003, between letters E & F.)**

**A: Title: Final Report (continued) - Baseline Human Health and Screening Ecological Risk Assessment: - Report for Group 4 Sites, Sites 04, 08, 35A, 35B, 35C, 46, 47, 48, 50, 60, 67, Goose Prairie Creek, Sauder's Branch, Central Creek, and Caddo Lake - for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
**Author: Jacobs Engineering Group, Inc., Oak Ridge, Tennessee**  
**Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District**  
**Date: June, 2003**  
**Bate Stamp: 034025 - 034540**

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**Year - 2004**

**Note: Volume 7 of 7, Year 2004, Letter A, Bate Stamp Numbers Are Out of Date Sequence, due to receiving this report after the July 2004 update to the Admin. Record. (This report should have been inserted in Volume 1 of 1, Year 2003, between letters E & F.)**

- A:** Title: Final Report (continued) - Baseline Human Health and Screening Ecological Risk Assessment: - Report for Group 4 Sites, Sites 04, 08, 35A, 35B, 35C, 46, 47, 48, 50, 60, 67, Goose Prairie Creek, Sauder's Branch, Central Creek, and Caddo Lake – for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Jacobs Engineering Group, Inc., Oak Ridge, Tennessee  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: June, 2003  
Bate Stamp: 034541 – 034711
- B:** Title: Meeting – Monthly Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held by Teleconference  
Recipient: All Parties  
Date: 11 August 2004  
Bate Stamp: 034712 – 034720
- C:** Title: Letter - Subject: Administrative Record Update for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: William R. Corrigan III, GWTP Manager, Complete Environmental Service (CES)  
Recipient: Rose M. Zeiler, Site Manager, LHAAP  
copied to: Cliff Murray, USACE, Tulsa District; Jeff Armstrong, AEC Program Manager; Chris Villarreal, EPA; James Sher, TCEQ; CES-File  
Date: 16 August 2004  
Bate Stamp: 034721
- D:** Title: Meeting – Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held by Teleconference  
Recipient: All Parties  
Date: 18 August 2004  
Bate Stamp: 034722 – 034726

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**VOLUME 7 of 7 (continued)**

**Year - 2004**

- E:     **Title:**         Letter - Subject: Evaluation of the document titled 'Draft Final Evaluation of LHAAP-45 Surface Soil Analytical Data' (July 2004) regarding the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
          **Author:**       Chris Villarreal, Remedial Project Manager, US Environmental Protection Agency  
          **Recipient:**   Rose M. Zeiler, Site Manager, LHAAP  
                          copied to: Cliff Murray, USACE, Tulsa District; James Sher, TCEQ; Barry Forsythe, US Fish and Wildlife Service; Bill Corrigan, Complete Environmental Service  
          **Date:**         18 August 2004  
          **Bate Stamp:** 034727 - 034728
- F:     **Title:**         Meeting - Performance Based Contracting (PBC) Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas - Meeting held at the Groundwater Treatment Plant (GWTP) Army Office Trailer, Karnack, Texas  
          **Recipient:**   All Parties  
          **Date:**         14 September 2004  
          **Bate Stamp:** 034729 - 034730
- G:     **Title:**         Meeting - Technical Review Committee (TRC) Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas - Meeting held at the Karnack Community Center, Karnack, Texas  
          **Recipient:**   All Parties  
          **Date:**         14 September 2004  
          **Bate Stamp:** 034731 - 034752
- H:     **Title:**         Meeting - Technical Project Planning (TPP) Meeting No. 2 on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas - Meeting held at the Groundwater Treatment Plant (GWTP) Army Office Trailer, Karnack, Texas  
          **Recipient:**   All Parties  
          **Date:**         15 September 2004  
          **Bate Stamp:** 034753 - 034783
- I:     **Title:**         Letter - Subject: Notice of Public Meeting regarding the transfer of acreage for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
          **Author:**       Rose M. Zeiler, Site Manager, LHAAP  
          **Recipient:**   The Public  
                          copied to: Chris Villarreal, EPA; James Sher, TCEQ; Paul Bruckwicki, FWS; Richard Smith, USACE, Tulsa District  
          **Date:**         20 October 2004  
          **Bate Stamp:** 034784 - 034786

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**VOLUME 7 of 7 (continued)**

**Year - 2004**

- J: Title: Meeting – Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at Texas Commission of Environmental Quality (TCEQ) Austin Office  
Recipient: All Parties  
Date: 26 October 2004  
Bate Stamp: 034787 – 034794
- K: Title: Final Report - Final Environmental Condition of Property II (ECOP II) for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Shaw Environmental & Infrastructure, Inc., Houston, Texas  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: November 2004  
Bate Stamp: 034795 – 034816
- L: Title: Meeting – Public Meeting on the Transfer of Property at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Recipient: All Parties  
Date: 04 November 2004  
Bate Stamp: 034817 – 034819
- M: Title: Meeting – Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held by Teleconference  
Recipient: All Parties  
Date: 17 November 2004  
Bate Stamp: 034820 – 034833
- N: Title: Meeting – Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at the Groundwater Treatment Plant (GWTP) Army Office Trailer, Karnack, Texas  
Recipient: All Parties  
Date: 07 December 2004  
Bate Stamp: 034834 – 034835
- O: Title: Meeting – Restoration Advisory Board (RAB) Meeting for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas (Held at the Karnack Community Center, Karnack, Texas)  
Recipient: All Parties  
Date: 07 December 2004  
Bate Stamp: 034836 – 034850

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**Year - 2005**

- A:    **Title:**        Report – Final Feasibility Study Site 12 Group 2, at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
      **Author:**     Shaw Environmental, Inc., Houston, Texas  
      **Recipient:**  U.S. Army Corps of Engineers (USACE), Tulsa District  
      **Date:**        January, 2005  
      **Bate Stamp:** 034851 – 035069
- B:    **Title:**        Meeting – Technical Project Planning (TPP) Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at the U.S. Army Corps of Engineers (USACE), Fort Worth District  
      **Recipient:**  All Parties  
      **Date:**        19 January 2005  
      **Bate Stamp:** 035070 – 035077
- C:    **Title:**        Meeting – Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held by Teleconference  
      **Recipient:**  All Parties  
      **Date:**        31 January 2005  
      **Bate Stamp:** 035078 – 035081
- D:    **Title:**        Meeting – Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held by Teleconference  
      **Recipient:**  All Parties  
      **Date:**        17 February 2005  
      **Bate Stamp:** 035082 – 035097
- E:    **Title:**        Meeting – Stakeholder Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at the Texas Commission of Environmental Quality (TCEQ) in Austin, Texas  
      **Recipient:**  All Parties  
      **Date:**        22-23 February 2005  
      **Bate Stamp:** 035098 – 035131

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**VOLUME 1 of 5 (continued)**

**Year - 2005**

F:     **Title:**            Letter & Report - Final Environmental Site Assessment (ESA) Phase I and II Report, Production Areas, for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas

**Author:**        Plexus Scientific Corporation, Columbia, MD

**Recipient:**    Rose M. Zeiler, Site Manager, LHAAP  
                          copied to: Kevin Tiermeier, BRAC, Rock Island, Illinois; R.Mills, BRAC, Fort Monroe, Virginia; Jeff Armstrong, USAEC, Aberdeen Proving Grounds, Maryland; Chris Villarreal, EPA, Dallas, Texas; James Sher, TCEQ, Austin, Texas; Lanis Reiger, LHAAP, Karnack, TX; Paul Bruckwicki, USFWS, Karnack, Texas; Cliff Murray, USACE, Tulsa District; Dorothy Crawford,, USACE, Fort Worth District; John Cataldo, USACE, Omaha, Nebraska; Bill Corrigan, CES, Karnack, TX

**Date:**            25 February 2005

**Bate Stamp:** 035132 – 035649

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**Year - 2005**

A: Title: Report (continued) – Final Environmental Site Assessment (ESA) Phase I and II Report, Production Areas, for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas

Author: Plexus Scientific Corporation, Columbia, MD

Recipient: Rose M. Zeiler, Site Manager, LHAAP  
copied to: Kevin Tiemeier, BRAC, Rock Island, Illinois; R.Mills, BRAC, Fort Monroe, Virginia; Jeff Armstrong, USAEC, Aberdeen Proving Grounds, Maryland; Chris Villarreal, EPA, Dallas, Texas; James Sher, TCEQ, Austin, Texas; Lanis Reiger, LHAAP, Karnack, TX; Paul Bruckwicki, USFWS, Karnack, Texas; Cliff Murray, USACE, Tulsa District; Dorothy Crawford, USACE, Fort Worth District; John Cataldo, USACE, Omaha, Nebraska; Bill Corrigan, CES, Karnack, TX

Date: 25 February 2005

Bate Stamp: 035650 – 036886



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**Year - 2005**

- A:**    **Title:**        **Report (continued) – Final Environmental Site Assessment (ESA) Phase I and II Report, Production Areas, for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
          **Author:**     Ptexus Scientific Corporation, Columbia, MD  
          **Recipient:**  Rose M. Zeiler, Site Manager, LHAAP  
                      copied to: Kevin Tiemeier, BRAC, Rock Island, Illinois; R.Mills, BRAC, Fort Monroe, Virginia; Jeff Armstrong, USAEC, Aberdeen Proving Grounds, Maryland; Chris Villarreal, EPA, Dallas, Texas; James Sher, TCEQ, Austin, Texas; Lanis Reiger, LHAAP, Karnack, TX; Paul Bruckwicki, USFWS, Karnack, Texas; Cliff Murray, USACE, Tulsa District; Dorothy Crawford, USACE, Fort Worth District; John Cataldo, USACE, Omaha, Nebraska; Bill Corrigan, CES, Karnack, TX  
          **Date:**        25 February 2005  
          **Bate Stamp:** 036887 – 037064
- B:**    **Title:**        **Letter & Report - Evaluation of Select Metals Detections in the West Further Investigation Area Report, Revision 1 (Feb. 2005) for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
          **Author:**     Rose M. Zeiler, Site Manager, LHAAP  
          **Recipient:**  Chris Villarreal, US Environmental Protection Agency, Dallas, Texas  
                      copied to: James Sher, TCEQ, Austin, Texas; Mark Williams, Caddo Lake NWR; Paul Bruckwicki, Caddo Lake NWR; Susan Trussell, USACE, Tulsa District; Cliff Murray, USACE, Tulsa District; Richard Smith, USACE, Tulsa District; Bill Corrigan, CES, Karnack, TX  
          **Date:**        28 February 2005  
          **Bate Stamp:** 037065 – 037113
- C:**    **Title:**        **Report – Addendum (Revision 2) to Final Feasibility Study Site 12 Group 2, at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
          **Author:**     Shaw Environmental, Inc., Houston, Texas  
          **Recipient:**  U.S. Army Corps of Engineers (USACE), Tulsa District  
          **Date:**        March, 2005  
          **Bate Stamp:** 037114 – 037199
- D:**    **Title:**        **Letter - Subject: Evaluation of the report titled 'Addendum to Final Feasibility Study Site 12 Group 2' regarding the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas**  
          **Author:**     Chris Villarreal, Remedial Project Manager, US Environmental Protection Agency  
          **Recipient:**  Rose M. Zeiler, Site Manager, LHAAP  
                      copied to: Cliff Murray, USACE, Tulsa District; James Sher, TCEQ; Barry Forsythe, US Fish and Wildlife Service; Bill Corrigan, Complete Environmental Service  
          **Date:**        02 March 2005  
          **Bate Stamp:** 037200

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**VOLUME 3 of 5 (continued)**

**Year - 2005**

- E:     **Title:**            Public Notice - Subject: Notice of Public Meeting / Open House regarding public comment on the Proposed Plan for Landfill 12 for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
          **Author:**        Rose M. Zeiler, Site Manager, LHAAP  
          **Recipient:**   The Public  
          **Date:**         March 2005  
          **Bate Stamp:** 037201
- F:     **Title:**            Letter & Report – Final Proposed Plan for Landfill 12 (LHAAP-12), at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
          **Author:**        Shaw Environmental, Inc., Houston, Texas  
          **Recipient:**   Cliff Murray, USACE, Tulsa District  
                          copied to: Rose M. Zeiler, Site Manager, LHAAP; Jeff Armstrong, USAEC, Aberdeen Proving Grounds, Maryland; Chris Villarreal, EPA, Dallas, Texas; James Sher, TCEQ, Austin, Texas; Tom Erny, TCEQ, Tyler, TX; Paul Bruckwicki, USFWS, Karnack, Texas; Barry Forsythe, USFWS, Dallas, Texas; Craig Giggelman, USFWS, Arlington, TX; Bill Corrigan, CES, Karnack, TX  
          **Date:**         23 March 2005  
          **Bate Stamp:** 037202 – 037223
- G:     **Title:**            Meeting – Restoration Advisory Board (RAB) Meeting for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas (Held at the Karnack Community Center, Karnack, Texas)  
          **Recipient:**   All Parties  
          **Date:**         29 March 2005  
          **Bate Stamp:** 037224 – 037259
- H:     **Title:**            Meeting – Managers Meeting on the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas – Meeting held at the Groundwater Treatment Plant (GWTP) Army Office Trailer, Karnack, Texas  
          **Recipient:**   All Parties  
          **Date:**         30 March 2005  
          **Bate Stamp:** 037260 – 037263
- I:     **Title:**            Meeting – Installation Action Plan (IAP) Meeting for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
          **Recipient:**   All Parties  
          **Date:**         11-12 April 2005  
          **Bate Stamp:** 037264 – 037265

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**VOLUME 3 of 5 (continued)**

**Year - 2005**

- J: Title: Letter - Subject: Review of the report titled 'Evaluation of Select Metals in the West Further Investigation Area (WFIA) Report, ' and Concurrence that the WFIA is suitable for transfer at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Chris Villarreal, Remedial Project Manager, US Environmental Protection Agency  
Recipient: Rose M. Zeiler, Site Manager, LHAAP  
copied to: Cliff Murray, USACE, Tulsa District; James Sher, TCEQ; Barry Forsythe, US Fish and Wildlife Service; Bill Corrigan, Complete Environmental Service  
Date: 18 April 2005  
Bate Stamp: 037266 - 037268
- K: Title: Letter - Subject: Review of the report titled 'Final Proposed Plan for Landfill 12' for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Chris Villarreal, Remedial Project Manager, US Environmental Protection Agency  
Recipient: Rose M. Zeiler, Site Manager, LHAAP  
copied to: Cliff Murray, USACE, Tulsa District; James Sher, TCEQ; Barry Forsythe, US Fish and Wildlife Service; Bill Corrigan, Complete Environmental Service  
Date: 21 April 2005  
Bate Stamp: 037269 - 037270
- L: Title: Report - Final Plant-Wide Perchlorate Investigation for the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Solutions To Environmental Problems, Inc. (STEP), Oak Ridge, TN  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: April 2005  
Bate Stamp: 037271 - 037509

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**Year - 2005**

A: Title: Report (continued) – Final Plant-Wide Perchlorate Investigation for the Longhorn  
Army Ammunition Plant (LHAAP), Karnack, Texas  
Author: Solutions To Environmental Problems, Inc. (STEP), Oak Ridge, TN  
Recipient: U.S. Army Corps of Engineers (USACE), Tulsa District  
Date: April 2005  
Bate Stamp: 037510 - 038502

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**Year - 2005**

A:     **Title:**        Report (continued) – Final Plant-Wide Perchlorate Investigation for the Longhorn  
                          Army Ammunition Plant (LHAAP), Karnack, Texas  
           **Author:**     Solutions To Environmental Problems, Inc. (STEP), Oak Ridge, TN  
           **Recipient:**  U.S. Army Corps of Engineers (USACE), Tulsa District  
           **Date:**        April 2005  
           **Bate Stamp:** 038503 – 038809

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2005

- A Title: Report - Final Addendum 1 Additional Investigation, LHAAP-32 and LHAAP-50  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 2004 (This document should have been included in the 2004 record)  
Bate Stamp: 00038810
  
- B Title: Report - Final Addendum 2 Additional Investigation Installation-Wide Sediment and Surface Water Testing  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 2004 (This document should have been included in the 2004 record)  
Bate Stamp: 00038826
  
- C Title: Report - Final Evaluation of LHAAP-45 Surface Soil Analytical Data  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 2004 (This document should have been included in the 2004 record)  
Bate Stamp: 00038850
  
- D Title: Report - Screening-Level Ecological Risk Evaluation for Site 12 Soil  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 2004 (This document should have been included in the 2004 record)  
Bate Stamp: 00039076
  
- E Title: Minutes - Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: May 10, 2005  
Bate Stamp: 00039088
  
- F Title: Minutes - Quarterly Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: June 14, 2005  
Bate Stamp: 00039091

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VOLUME 5 of 5 Continued

2005

- G Title: Minutes - Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: July 19, 2005  
Bate Stamp: 00039094
- H Title: Minutes - Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: August 23, 2005  
Bate Stamp: 00039098
- I Title: Report - Final Feasibility Study, LHAAP-67 Aboveground Storage Tank Farm,  
Group 4  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: August 2005  
Bate Stamp: 00039101
- J Title: Minutes - Monthly Managers Meetings  
Author(s): Shaw  
Recipient: All Parties  
Date: September 20, 2005  
Bate Stamp: 00039256
- K Title: Draft Minutes - Quarterly Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: September 20, 2005  
Bate Stamp: 00039260
- L Title: Report - Final Feasibility Study LHAAP-35B (37) Chemical Laboratory Group 4  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: October, 2005  
Bate Stamp: 00039268

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VOLUME 5 of 5 Continued

2005

- M Title: Minutes - TERC Project Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: October 5, 2005  
Bate Stamp: 00039398
- N Title: Minutes - Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: October 11, 2005  
Bate Stamp: 00039402
- O Title: Minutes - TERC Project Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: November 15, 2005  
Bate Stamp: 00039406
- P Title: Minutes - Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: November 15, 2005  
Bate Stamp: 00039408
- Q Title: Report – Final Project Management Plan for Site Closure of Multiple Sites  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 2005  
Bate Stamp: 00039413
- R Title: Report – Final Site Evaluation Report, LHAAP-32 Former TNT Waste Disposal  
Plant  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 2005  
Bate Stamp: 00039523



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2005

- S Title: Letter – LHAAP Draft Final Site Evaluation Report LHAAP-32 Former TNT Waste Disposal Unit  
Author(s): Alan Etheredge  
Recipient: Rose Zeiler  
Date: December 1, 2005  
Bate Stamp: 00039794
- T Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: December 13, 2005  
Bate Stamp: 00039795
- U Title: Minutes – Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: December 13, 2005  
Bate Stamp: 00039799

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2006

- A. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: January 17, 2006  
Bate Stamp: 00039802
  
- B. Title: Letter – Draft Final Modeling Report-Derivation of Soil and Groundwater  
Concentration Protective of Surface Water  
Author(s): Chris Villarreal  
Recipient: Rose Zeiler  
Date: January 26, 2006  
Bate Stamp: 00039805
  
- C. Title: Report – Final Addendum 4 LHAAP-12 Well Abandonment and Installation  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 2006  
Bate Stamp: 00039808
  
- D. Title: Report - 2006 Decision Documentation for LHAAP-03, LHAAP-06 and LHAAP-23  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 2006  
Bate Stamp: 00039845
  
- E. Title: Report – Final Installation-Wide Work Plan  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 2006  
Bate Stamp: 00039900
  
- F. Title: Letter – LHAAP Final Installation-Wide Work Plan  
Author(s): Chris Villarreal  
Recipient: Rose Zeiler  
Date: February 2, 2006  
Bate Stamp: 00040361

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2006

- G. Title: Minutes – Comment Resolution Meeting, Installation-Wide Ecological Risk Assessment  
Author(s): Shaw  
Recipient: All Parties  
Date: February 9, 2006  
Bate Stamp: 00040363
  
- H. Title: Letter – Draft Final Addendum 2 Additional Investigation at Pistol Range  
Author(s): Chris Villarreal  
Recipient: Rose Zeiler  
Date: February 15, 2006  
Bate Stamp: 00040380
  
- I. Title: Letter – Decision Documentation Report for LHAAP-03, LHAAP-06 and LHAAP-23  
Author(s): Chris Villarreal  
Recipient: Rose Zeiler  
Date: February 16, 2006  
Bate Stamp: 00040385
  
- J. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: February 16, 2006  
Bate Stamp: 00040390
  
- K. Title: Minutes – Quarterly Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: March 14, 2006  
Bate Stamp: 00040394
  
- L. Title: Minutes on the Conference Call to Discuss Perchlorate and T&E Species Related to Ecological Risk Assessment Approach - LHAAP  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: March 20, 2006  
Bate Stamp: 00040399

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2006

- M. Title: Memo – Draft Final Addendum 5 Soil Sampling for Chromium Speciation in Soil to Final Installation-Wide Work Plan  
Author(s): Vickie Reat  
Recipient: Alan Etheredge  
Date: March 27, 2006  
Bate Stamp: 00040403
- N. Title: Report – Final Addendum 2 Additional Investigation at Pistol Range to Final Installation-Wide Work Plan  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: March 30, 2006  
Bate Stamp: 00040404
- O. Title: Minutes – Minutes on the Conference Call to Discuss Follow-Up Issues to the February 2006 Eco Risk Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: March 30, 2006  
Bate Stamp: 00040437
- P. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: April 25, 2006  
Bate Stamp: 00040446
- Q. Title: Letter – LHAAP Decision Documentation Report for LHAAP-03, LHAAP-06 and LHAAP-23  
Author(s): Fay Duke  
Recipient: Rose Zeiler  
Date: May 1, 2006  
Bate Stamp: 00040451
- R. Title: Minutes – Monthly Mangers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: May 10, 2006  
Bate Stamp: 00040453

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2006

- S. Title: Letter - EPA Comments on Numerous LHAAP Documents  
Author(s): Chris Villarreal  
Recipient: Rose Zeiler  
Date: May 17, 2006  
Bate Stamp: 00040456
  
- T. Title: Letter – LHAAP Final Addendum 2 Additional Investigation at Pistol Range to Final Installation-Wide Work Plan  
Author(s): Fay Duke  
Recipient: Rose Zeiler  
Date: May 18, 2006  
Bate Stamp: 00040459
  
- U. Title: Letter – LHAAP Draft Final Addendum 1 Soil Sampling at LHAAP-04 to Final Installation-Wide Work Plan  
Author(s): Fay Duke  
Recipient: Rose Zeiler  
Date: May 23, 2006  
Bate Stamp: 00040460
  
- V. Title: Memo - Selection of Final Chemicals of Potential Ecological Concern (COPEC) for Further Evaluation in the Baseline Ecological Risk Assessment  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 6, 2006  
Bate Stamp: 00040462
  
- W. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Parties  
Date: June 27, 2006  
Bate Stamp: 00040473
  
- X. Title: Report – Final Addendum 1 Soil Sampling at LHAAP-04 Former Pilot Wastewater Treatment Plant  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 2006  
Bate Stamp: 00040479

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- Y. Title: Report – Final Addendum 4 Soil Sampling at LHAAP-07 and LHAAP-51  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 2006  
Bate Stamp: 00040502

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2006

Note: Volume 2 of 3, Year 2006, Letter A Bate Stamp Number is out of date sequence due to receipt after the December 2005 update to the Administrative Record.

- A. Title: Memo – EPA Evaluation of the US Fish and Wildlife’s Contaminants Investigation of the Former Production Area within the Caddo Lake National Wildlife Refuge  
Author(s): Chris Villarreal, USEPA, Dallas, Texas  
Recipient: Site File  
Date: October 6, 2005  
Bate Stamp: 00040522 - 00040524

Note: Volume 2 of 3, Year 2006, Letter B, Letter C, and Letter D, Bate Stamp Numbers are out of date sequence due to receipt after June 2006 update to the Administrative Record.

- B. Title: Report – Final Work Plan Engineering Evaluation/Cost Analysis at the LHAAP  
Authors(s): CAPE  
Recipient: USACE, Tulsa District  
Date: March 2006  
Bate Stamp: 00040525 - 00041188
- C. Title: Memo - Evaluation of 182 Acres of the 357-Acre East Further Investigation Area  
Authors(s): Chris Villarreal, USEPA, Dallas, Texas  
Recipient: Rose Zeiler, Site Manager, LHAAP  
Date: March 9, 2006  
Bate Stamp: 00041189 - 00041203
- D. Title: Report – Final Record of Decision Landfill 12 (LHAAP-12)  
Authors(s): Shaw  
Recipient: All Stakeholders  
Date: April 2006  
Bate Stamp: 00041204 - 00041305
- E. Title: Minutes – Draft Final Minutes Quarterly Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 27, 2006  
Bate Stamp: 00041306 - 00041316

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2006

- A. Title: Report – Final Background Surface Water and Sediment Study Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: July 17, 2006  
Bate Stamp: 00041317 - 00041721
  
- B. Title: Minutes – Draft Final Minutes Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: July 18, 2006  
Bate Stamp: 00041722 - 00041725
  
- C. Title: Report – Final Addendum 5 Additional Investigation at LHAAP-59 Final Work Plan  
Groundwater Data Gaps Investigation Groups 2 and 4  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: July 18, 2006  
Bate Stamp: 00041726 - 00041742
  
- D. Title: Report – Addition of Monitored Natural Attenuation to the Recommended  
Alternative 2 at LHAAP-12, LHAAP  
Author(s): Rose Zeiler, Site Manager, LHAAP  
Recipient: Fay Duke, TCEQ and Chris Villarreal, USEPA, Dallas, Texas  
Date: July 26, 2006  
Bate Stamp: 00041743 - 00041758
  
- E. Title: Report – Final Addendum 6 Additional Investigation at LHAAP-29 Former TNT  
Production Area Final Installation-Wide Work Plan  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: August 16, 2006  
Bate Stamp: 00041759 - 00042004
  
- F. Title: Minutes – Draft Final Minutes Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: August 22, 2006  
Bate Stamp: 00042005 - 00042009



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2006

- G. Title: Report –Final Addendum 7 Additional Investigation at LHAAP-35/36 Sumps Waste Rack Sumps, Final Installation-Wide Work Plan  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 21, 2006  
Bate Stamp: 00042010 - 00042048
  
- H. Title: Minutes – Draft Final Minutes Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 26, 2006  
Bate Stamp: 00042049 - 00042054
  
- I. Title: Minutes – Draft Final Minutes Quarterly Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 26, 2006  
Bate Stamp: 00042055 - 00042060
  
- J. Title: Report – Final Baseline Ecological Risk Assessment Field Sampling Work Plan  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: October 5, 2006  
Bate Stamp: 00042061 - 00042151
  
- K. Title: Report – Final Addendum 10 Site Investigation LHAAP-55 (Ten Septic Tanks) Final Installation-Wide Work Plan  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: October 17, 2006  
Bate Stamp: 00042152 - 00042177
  
- L. Title: Minutes – Draft Final Minutes Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: October 25, 2006  
Bate Stamp: 00042178 - 00042183

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2006

- M. Title: Letter – LHAAP Evaluation of the East Further Investigation Area  
Author(s): Chris Villarreal, USEPA, Dallas, Texas  
Recipient: Rose Zeiler, Site Manager, LHAAP  
Date: October 25, 2006  
Bate Stamp: 00042184
- N. Title: Memo – Update on Baseline Ecological Risk Assessment Field Sampling and Changes from Work Plan, Installation-Wide Ecological Risk Assessment  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: October 30, 2006  
Bate Stamp: 00042185 - 00042186
- O. Title: Minutes – Draft Final Minutes Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 16, 2006  
Bate Stamp: 00042187 - 00042191
- P. Title: Memo – LHAAP-58 Boundary Explanation  
Author(s): Cliff Murray, USACE, Tulsa District  
Recipient: Longhorn Team Members  
Date: November 24, 2006  
Bate Stamp: 00042192 - 00042201
- Q. Title: Minutes – Draft Final Minutes Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 12, 2006  
Bate Stamp: 00042202 - 00042208

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2007

Note: Volume 1 of 25, Year 2007, Letter A Bate Stamp Number is out of date sequence due to receipt after the December 2006 update to the Administrative Record.

- A. Title: Report - Final Feasibility Study for Site 16  
Author(s): Jacobs Engineering Group Inc.  
Recipient: US Army Corps of Engineers  
Date: March 2002  
Bate Stamp: 00042209 - 00042566
  
- B. Title: Email – Request for Reduction in Frequency of Perimeter Well Sampling  
Author(s): Steve Tzhone, EPA  
Recipient: Chris Villarreal, EPA, and Fay Duke, TCEQ  
Date: January 22, 2007  
Bate Stamp: 00042567 - 00042575
  
- C. Title: Report – Final Groundwater Monitoring Report Sites 12 and 16, Spring 2003, Spring 2004, and Winter 2004  
Author(s): US Army Corps of Engineers, Tulsa District and ALL Consulting  
Recipient: Longhorn Army Ammunition Plant  
Date: January 2007  
Bate Stamp: 00042576 - 00043178
  
- D. Title: Minutes – Draft Final Minutes, Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 24, 2007  
Bate Stamp: 00043179 - 00043190

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2007

- A. Title: Report - Final Modeling Report Derivation of Soil and Groundwater Concentrations Protective of Surface Water and Sediment LHAAP Revision I  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: February 13, 2007  
Bate Stamp: 00043191 - 00043522
  
- B. Title: Minutes - Draft Final Minutes, Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: February 13, 2007  
Bate Stamp: 00043523 - 00043533
  
- C. Title: Letter - Caddo Lake National Wildlife Refuge - Future Plans  
Author(s): Mark Williams, Refuge Manager Fish and Wildlife Service  
Recipient: Rose Zeiler, Site Manager LHAAP  
Date: February 15, 2007  
Bate Stamp: 00043534 - 00043535
  
- D. Title: Minutes - Draft Final Minutes, Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: March 6, 2007  
Bate Stamp: 00043536 - 00043547
  
- E. Title: Minutes - Draft Final Minutes, Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: April 4, 2007  
Bate Stamp: 00043548 - 00043558
  
- F. Title: Report - Final Site Evaluation Report LHAAP-48 (Former Igniter Production Area) and LHAAP-35C(53) (Former Static Test Area)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: April 9, 2007  
Bate Stamp: 00043559 - 00043907

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2007

- A. Title: Report - LHAAP-12 Well Abandonment and Installation Report Groundwater  
Data Gaps Investigation Groups 2 and 4  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: April 19, 2007  
Bate Stamp: 00043908 - 00044793

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2007

- A. Title: Report - Final Data Gaps Investigation Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: April 26, 2007  
Bate Stamp: 00044794 - 00045626
  
- B. Title: Report - Final Addendum 11 Monitored Natural Attenuation Sampling LHAAP-16, -17, -29, -46, -47, -50, 35A(58), Final Installation-Wide Work Plan  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: May 14, 2007  
Bate Stamp: 00045627 - 00045715
  
- C. Title: Letter - Final LHAAP-12 Well Abandonment and Installation Report, Groundwater Data Gaps Investigation, Groups 2 and 4  
Author(s): Fay Duke, TCEQ  
Recipient: Rose Zeiler, Site Manager LHAAP  
Date: May 14, 2007  
Bate Stamp: 00045716
  
- D. Title: Minutes - Draft Final Minutes, Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: May 15, 2007  
Bate Stamp: 00045717 - 00045726

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2007

- A. Title: Report - Final Results of Modeling for Natural Attenuation of Trichloroethene at LHAAP-12  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 7 2007  
Bate Stamp: 00045727 - 00045743
  
- B. Title: Legal Notice - Industrial Solid Waste Notice of Land Use Controls at LHAAP-12  
Author(s): Rose Zeiler, Site Manager LHAAP  
Recipient:  
Date: June 13, 2007  
Bate Stamp: 00045744 - 00045755
  
- C. Title: Report - Evaluation of Perimeter Well Data for Use as Groundwater Background  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 14, 2007  
Bate Stamp: 00045756 - 00046051

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2007

- A. Title: Report - Final Natural Attenuation Evaluation LHAAP-12, LHAAP-35B(37) and LHAAP-67 (Report and Appendix A)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 20, 2007  
Bate Stamp: 00046052 - 00047049



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2007

- A. Title: Report - Continuation Final Natural Attenuation Evaluation LHAAP-12, LHAAP-35B(37) and LHAAP-67 (Appendix B)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 20, 2007  
Bate Stamp: 00047050 - 00047867
  
- B. Title: Minutes - Draft Final Minutes, Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 12, 2007  
Bate Stamp: 00047868 - 00047875
  
- C. Title: Report - Remedial Design Addendum Landfill 12 (LHAAP-12)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 21, 2007  
Bate Stamp: 00047876 - 00047931

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2007

Note: Volume 8 of 25, Year 2007, Letters A, B and C Bate Stamp Numbers are out of date sequence.

- A. Title: Report – Final DERPMS/RMIS Resolution Document  
Author(s): U. S. Army Corps of Engineers – Tulsa District  
Recipient: All Stakeholders  
Date: April 1996  
Bate Stamp: 00047932 - 00048112
  
- B. Title: Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 12, 2006  
Bate Stamp: 00048113 - 00048120
  
- C. Title: Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: March 13, 2007  
Bate Stamp: 00048121 - 00048130
  
- D. Title: Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June, 12, 2007  
Bate Stamp: 00048131 - 00048141
  
- E. Title: Letter - Authorization and Registration of Class V Aquifer Remediation Injection Wells TCEQ Authorization No. 5X2600464; WWC12121358; CN600696025/ RN101264505  
Author(s): Bryan Smith, TCEQ  
Recipient: Rose Zeiler, Site Manager LHAAP  
Date: July 5, 2007  
Bate Stamp: 00048142 – 00048143

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- F. Title: Report – Final Results of Modeling for Natural Attenuation of Chlorinated Solvents in Groundwater at LHAAP-35B(37) and LHAAP-67  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: July 12, 2007  
Bate Stamp: 00048144 - 00048165
- G. Title: Report – Baseline Ecological Risk Assessment Surface Water Sampling Plan for Goose Prairie Creek  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: July 13, 2007  
Bate Stamp: 00048166 - 00048186
- H. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: July 17, 2007  
Bate Stamp: 00048187 - 00048198
- I. Title: Report – Sampling and Analysis Plan Groundwater Treatment Plant and Well Fields, Revision 1  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: July 19, 2007  
Bate Stamp: 00048199 - 00048283
- J. Title: Letter – Prohibition of Water Well Installation on the Landfill 12 Parcel at the Former Longhorn Army Ammunition Plant located in Harrison County, Texas near the town of Karnack  
Author(s): Dr. Rose Zeiler, Site Manager LHAAP  
Recipient: Texas Department of Licensing and Regulation  
Date: July 23, 2007  
Bate Stamp: 00048284 - 00048297
- K. Title: Report – Final Site Investigation Report LHAAP-59  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: August 2, 2007  
Bate Stamp: 00048298 - 00048717

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- L. Title: Letter – Draft Final Environmental Condition of Property V (ECOP V)  
Author(s): Fay Duke, TCEQ Project Manager  
Recipient: Dr. Rose Zeiler, Site Manager LHAAP  
Date: August 8, 2007  
Bate Stamp: 00048718
  
- M. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: August 14, 2007  
Bate Stamp: 00048719 - 00048730
  
- N. Title: Report – Final Operating Properly and Successfully Demonstration Report  
Landfill 12 (LHAAP-12)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 7, 2007  
Bate Stamp: 00048731 - 00048847
  
- O. Title: Report – Final Environmental Condition of Property V (ECOP V)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 11, 2007  
Bate Stamp: 00048848 - 00048872
  
- P. Title: Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 11, 2007  
Bate Stamp: 00048873 - 00048882
  
- Q. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 11, 2007  
Bate Stamp: 00048883 - 00048894

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2007

- A. Title: Report – Pilot Study Implementation Plan, Groundwater Treatment Plant and Well Fields  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 13, 2007  
Bate Stamp: 00048895 - 00048969
  
- B. Title: Letter – Draft Final Five-Year Review Report  
Author(s): Stephen L. Tzhone RPM, AR/TX, Remedial Branch, Superfund Division  
Recipient: Dr. Rose Zeiler, Site Manager LHAAP  
Date: September 14, 2007  
Bate Stamp: 00048970 - 00048973
  
- C. Title: Letter – Final Operating Properly and Successfully Demonstration Report for Landfill 12 (LHAAP-12)  
Author(s): Samuel Coleman PE, Director Superfund Division, EPA  
Recipient: Thomas E. Lederle, Assistant Chief of Staff for Installation Management  
Date: September 20, 2007  
Bate Stamp: 00048974 - 00048975
  
- D. Title: Memo – Correspondence with the Texas Commission on Environmental Quality (TCEQ) On the Uses of Method Quantitation Limits (MQLs) and Other Values Used to Describe Analytical Detection Limits  
Author(s): Frank Eidson, Shaw  
Recipient: Praveen Srivastav and John Elliott, Shaw  
Date: September 24, 2007  
Bate Stamp: 00048976 - 00049029
  
- E. Title: Report – Final Engineering Evaluation/Cost Analysis LHAAP  
Author(s): CAPE  
Recipient: U. S. Army Corps of Engineers, Fort Worth District  
Date: October 4, 2007  
Bate Stamp: 00049030 - 00049521
  
- F. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: October 16, 2007  
Bate Stamp: 00049522 - 00049531

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2007

- G. Title: Letter – Final Installation-Wide Baseline Ecological Risk Assessment  
Author(s): Stephen L. Tzhone RPM, AR/TX, Remedial Branch Superfund Division, EPA  
Recipient: Dr. Rose Zeiler, Site Manager LHAAP  
Date: October 29, 2007  
Bate Stamp: 00049532
- H. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 14, 2007  
Bate Stamp: 00049533 - 00049541

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2007

- A. Title: Report – Final Installation-Wide Baseline Ecological Risk Assessment Volume I:  
Step 3 Report and Appendices A through E (continued in next volume)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00049542 - 00050415

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Appendices F-1 through K  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00050416 - 00051341



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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 – Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00051342 - 00052261

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 - Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00052262 - 00053152

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 - Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00053153 - 00053648

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 - Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00053649 - 00054528

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 - Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00054529 - 00055328

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 - Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00055329 - 00056138

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 - Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00056139 - 00057216

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 - Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00057217 - 00058197



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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report – Exhibit 1 - Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00058198 - 00059205

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume I: Step 3 Report - Exhibit 1 – Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00059206 - 00059407
  
- B. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume II: Steps 4 through 8 Report and Appendices L through P  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00059408 - 00060025

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2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment  
Volume II: Steps 4 through 8 Report – Exhibit 1 Data Report  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 15, 2007  
Bate Stamp: 00060026 - 00061006

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2007

- A. Title: Report - Final Site Investigation Report LHAAP-06, LHAAP-07, LHAAP-51  
LHAAP-55, LHAAP-64, LHAAP-66, and LHAAP-68, Revision 1 (continued in next  
volume)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 11, 2007  
Bate Stamp: 00061007 - 00062064

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2007

- A. Title: Report (continued) - Final Site Investigation Report LHAAP-06, LHAAP-07, LHAAP-51, LHAAP-55, LHAAP-64, LHAAP-66, and LHAAP-68, Revision 1, Attachment 1  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 11, 2007  
Bate Stamp: 00062065 - 00063122

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2007

- A. Title: Report (continued) - Final Site Investigation Report LHAAP-06, LHAAP-07, LHAAP-51, LHAAP-55, LHAAP-64, LHAAP-66, and LHAAP-68, Revision 1, Attachment 1  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 11, 2007  
Bate Stamp: 00063123 - 00063364
  
- B. Title: Minutes - Longhorn Army Ammunition Plant Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 11, 2007  
Bate Stamp: 00063365 - 00063374
  
- C. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 11, 2007  
Bate Stamp: 00063375 - 00063389

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2008

***Note: Volume 1, Year 2008, Letter A is listed Out of Date in Sequence and should have been inserted in Year 2004 update to the Administrative Record.***

A. Title: ARC Abatement Documents - Health and Safety Manual & Standard  
Operation Procedure  
Author(s): Engineering and Fire Investigations, Inc.  
Recipient: U.S. Department of the Army  
Date: September 2002  
Bate Stamp: 00063390 - 00063982

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2008

***Note: Volume 2, Year 2008, Letter A is listed Out of Date in Sequence and should have been inserted in Year 2004 update to the Administrative Record.***

A. Title: ARC Abatement Documents – Work Procedures for Removal of Asbestos-Containing Materials at Longhorn Army Ammunition Plant  
Author(s): Engineering and Fire Investigations, Inc.  
Recipient: Army  
Date: March 2003  
Bate Stamp: 00063983 - 00064609

***Note: Volume 2, Year 2008, Letter B is listed Out of Date in Sequence and should have been inserted in Year 2004 update to the Administrative Record.***

B. Title: ARC Abatement Documents – Site-Specific Health & Safety Plan for Building Review and Condition Assessment for Explosive Materials  
Author(s): Engineering and Fire Investigations, Inc.  
Recipient: Army  
Date: September 2003  
Bate Stamp: 00064610 - 00065019



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2008

***Note: Volume 3, Year 2008, Letter A is listed Out of Date in Sequence and should have been inserted in Year 2004 update to the Administrative Record.***

A. Title: ARC Abatement Documents – Longhorn Army Ammunition Plant “400”  
Area, Building Assessments & Evaluation for Future Demolition Activities  
(Final Report)  
Author(s): Engineering and Fire Investigations, Inc.  
Recipient: Army  
Date: June 2004  
Bate Stamp: 00065020 - 00065199

***Note: Volume 3, Year 2008, Letter B is listed Out of Date in Sequence and should have been inserted in Year 2005 update to the Administrative Record.***

B. Title: ARC Abatement Documents – Abatement Observations & Air Monitoring  
Report Longhorn Army Ammunition Plant  
Author(s): Engineering and Fire Investigations, Inc.  
Recipient: Army  
Date: July 2005  
Bate Stamp: 00065200 - 00065712

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2008

***Note: Volume 4, Year 2008, Letters A, B, and C are listed Out of Date in Sequence and should have been inserted in the Year 1997 update to the Administrative Record.***

- A. Title: Report – Closure Report for Closure of 29 Active (Group I) and 11 Transition (Group 2) Sumps  
Author(s): Thiokol Corporation for Longhorn Army Ammunition Plant  
Recipient: TCEQ  
Date: September 1996  
Bate Stamp: 00065713 - 00065732
- B. Title: Letter – Closure of Sumps at Longhorn Army Ammunition Plant  
Author(s): James A. McPherson, Commander's Representative, Department of the Army  
Recipient: Lila Beckley, TCEQ  
Date: February 19, 1997  
Bate Stamp: 00065733
- C. Title: Letter – Closure Report for 29 Active (Group I) and 11 Transition (Group 2) Sumps, Approval of Report  
Author(s): Cathy Remmert, Senior Coordinator, TCEQ  
Recipient: Ira C. Nathan, Chief Operations Review Division, US Army  
Date: February 28, 1997  
Bate Stamp: 00065734 - 00065735

***Note: Volume 4, Year 2008, Letter D is Out of Date in Sequence and should have been inserted in the Year 2004 update to the Administrative Record.***

- D. Title: Memorandum of Agreement Between the Department of the Army and the Department of the Interior for the Interagency Transfer of Lands at the Longhorn Army Ammunition Plant for the Caddo Lake National Wildlife Refuge, Harrison County, Texas  
Author(s): Department of the Army, Department of the Interior  
Recipient: All  
Date: 2004  
Bate Stamp: 00065736 - 00065753

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2008

***Note: Volume 4, Year 2008, Letters E, F, and G are Out of Date in Sequence and should have been inserted in the Year 2007 update to the Administrative Record.***

- E. Title: Letter – Draft Final Site Investigation Report, LHAAP-06, -51, -55, -64, -66, and -68  
Author(s): Fay Duke, Project Manager, TCEQ  
Recipient: Rose Zeiler, Site Manager, LHAAP  
Date: September 21, 2007  
Bate Stamp: 00065754 - 00065757
- F. Title: Letter – Draft Final Data Evaluation Report, Chemical Concentration in Soil Samples Associated with LHAAP-35/36 Sumps  
Author(s): Fay Duke, Project Manager, TCEQ  
Recipient: Rose Zeiler, Site Manager, LHAAP  
Date: September 24, 2007  
Bate Stamp: 00065758 - 00065759
- G. Title: Email – Draft Final Data Evaluation Report, Chemical Concentration in Soil Samples Associated with LHAAP-35/36 Sumps  
Author(s): Fay Duke, Project Manager, TCEQ  
Recipient: Rose Zeiler, Site Manager, LHAAP  
Date: September 24, 2007  
Bate Stamp: 00065760
- H. Title: Reports – Final Proposed Plans for LHAAP-08, Former Sewage Treatment Plant; LHAAP-32, Former TNT Waste Disposal Plant; and LHAAP-48 (Y-Area) and LHAAP-35C(53) (Static Test Area)  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 10, 2008  
Bate Stamp: 00065761 - 00065800
- I. Title: Letter – Memorandum: LHAAP-59 SPLP Soil Sample Analyses  
Author(s): Rose Zeiler, Site Manager, LHAAP  
Recipient: Fay Duke, Project Manager, TCEQ  
Date: January 15, 2008  
Bate Stamp: 00065801 - 00065803

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- J. Title: Letter – Final Site Investigation Report, Revision 1 for LHAAP-06, LHAAP-07, LHAAP-51, LHAAP-55, LHAAP-64, LHAAP-66, and LHAAP-68  
Author(s): Fay Duke, Project Manager, TCEQ  
Recipient: Rose Zeiler, Site Manager, LHAAP  
Date: January 16, 2008  
Bate Stamp: 00065804
- K. Title: Letter – Comprehensive Land Use Control Management Plan  
Author(s): Fay Duke, Project Manager, TCEQ  
Recipient: Rose Zeiler, Site Manager, LHAAP  
Date: January 17, 2008  
Bate Stamp: 00065805
- L. Title: Report – Final Data Evaluation Report, Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps, Volume I of III  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 21, 2008  
Bate Stamp: 00065806 – 00065901
- M. Title: Report – Final Data Evaluation Report, Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps, Volume II of III  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 21, 2008  
Bate Stamp: 00065902 - 00066400
- N. Title: Report – Final Data Evaluation Report, Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps, Volume III of III  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 21, 2008  
Bate Stamp: 00066401 - 00066661

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2008

- A. Title: Report (continued) – Final Data Evaluation Report, Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps – Appendix A
- Author(s): Shaw
- Recipient: All Stakeholders
- Date: January 2008
- Bate Stamp: 00066662 - 00067663

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2008

- A. Title: Report (continued) – Final Data Evaluation Report, Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps – Appendix A
- Author(s): Shaw
- Recipient: All Stakeholders
- Date: January 2008
- Bate Stamp: 00067664 - 00068664

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2008

- A. Title: Report (continued) – Final Data Evaluation Report, Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps – Appendix A
- Author(s): Shaw
- Recipient: All Stakeholders
- Date: January 2008
- Bate Stamp: 00068665 - 00069585

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2008

- A. Title: Report (continued)–Final Data Evaluation Report, Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps– Appendix A  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 2008  
Bate Stamp: 00069586 - 00069735
- B. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: January 22, 2008  
Bate Stamp: 00069736 - 00069744
- C. Title: Letter–LHAAP Memorandum–LHAAP-59 SPLP Soil Samples Final Site Investigation Report, LHAAP-59  
Author(s): Fay Duke, Project Manager TCEQ  
Recipient: Rose Zeiler, Site Manager LHAAP  
Date: February 11, 2008  
Bate Stamp: 00069745
- D. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: February 12, 2008  
Bate Stamp: 00069746 - 00069757
- E. Title: Email–TCEQ Comments to RTC for LHAAP-35/36 Sump Report  
Author(s): Fay Duke, TCEQ  
Recipient: Rose Zeiler, Site Manager, LHAAP  
Date: March 5, 2008  
Bate Stamp: 00069758
- F. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: March 11, 2008  
Bate Stamp: 00069759 - 00069777



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- G. Title: Minutes–Longhorn Army Ammunition Plant Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: March 11, 2008  
Bate Stamp: 00069778 - 00069787
- H. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: April 22, 2008  
Bate Stamp: 00069788 - 00069802
- I. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: May 29, 2008  
Bate Stamp: 00069803 - 00069811
- J. Title: Report–Final Proposed Plan for LHAAP-35B(37), Chemical Laboratory and LHAAP-67, Aboveground Storage Tank Farm  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 12, 2008  
Bate Stamp: 00069812 - 00069838
- K. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 23, 2008  
Bate Stamp: 00069839 - 00069849
- L. Title: Minutes–Longhorn Army Ammunition Plant Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: June 23, 2008  
Bate Stamp: 00069850 - 00069862

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2008

- M. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: July 14, 2008  
Bate Stamp: 00069863 - 00069871
- N. Title: Report–Final Work Plan for the MEC Removal Action at the Former  
LHAAP LHAAP-001-R (Site 27) and LHAAP-003-R (Site 54)  
Author(s): EOD Technology, Inc.  
Recipient: US Army Engineering and Support Center, Huntsville, Alabama  
Date: July 31, 2008  
Bate Stamp: 00069872 - 00070177
- O. Title: Report–Final Decision Document for LHAAP-59, Former Pesticide Storage  
Building  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: August 18, 2008  
Bate Stamp: 00070178 - 00070195
- P. Title: Report–Final Record of Decision LHAAP-32, Former TNT Waste Disposal  
Plant  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: August 18, 2008  
Bate Stamp: 00070196 - 00070227
- Q. Title: Minutes–Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: August 21, 2008  
Bate Stamp: 00070228 - 00070236

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2008

***NOTE: Volume 9, YEAR 2008, Letter A is listed OUT OF DATE IN SEQUENCE and should have been inserted in the YEAR 2003 UPDATE to the ADMINISTRATIVE RECORD***

A. Title: Report - Community Relations Plan Longhorn Army Ammunition Plant,  
Environmental Restoration Efforts Final  
Author(s): US Army Corps of Engineers  
Recipient: All Stakeholders  
Date: September 2003  
Bate Stamp: 00070237 - 00070310

***NOTE: Volume 9, YEAR 2008, Letter B is listed OUT OF DATE IN SEQUENCE and should have been inserted in the YEAR 2005 UPDATE to the ADMINISTRATIVE RECORD***

B. Title: Report – Final Site Inspection Report, Military Munitions Response  
Program, Site Inspection, Munitions Response Sites  
Author(s): engineering-environmental Management, Inc.  
Recipient: US Army Corps of Engineers  
Date: June 2005  
Bate Stamp: 00070311 - 00070628

***NOTE: Volume 9, YEAR 2008, Letter C is listed OUT OF DATE IN SEQUENCE and should have been inserted in the YEAR 2007 UPDATE to the ADMINISTRATIVE RECORD***

C. Title: Report – Engineering Evaluation/Cost Analysis Action Memorandum  
for Three Munitions Response Sites South Test Area/Bomb Test Area  
Static Test Area, and Ground Signal Test Area  
Author(s): CAPE  
Recipient: US Army Corps of Engineers  
Date: August 2007  
Bate Stamp: 00070629 - 00070648

D. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 18, 2008  
Bate Stamp: 00070649 - 00070659

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2008

- E. Title: Report – Final Five-Year Review Report, Second Five-Year Review Report LHAAP-12, LHAAP-16, and LHAAP-18/24, LHAAP, Karnack, TX  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: September 24, 2008  
Bate Stamp: 00070660 - 00070845
- F. Title: Letter – Correction to Record of Decision Document for Interim Remedial Action at Burning Ground No. 3, LHAAP, Karnack, TX, May 1995  
Author(s): Rose M. Zeiler, LHAAP Site Manager  
Recipient: Stephen Tzhone, EPA  
Date: October 2, 2008  
Bate Stamp: 00070846 - 00070847
- G. Title: Letter – Final Five-Year Review Report Second Five-Year Review LHAAP-12, LHAAP-16 and LHAAP-18/24 LHAAP, Karnack, TX  
Author(s): Samuel Coleman P.E., Director Superfund Division  
Recipient: Thomas E. Lederle, Assistant Chief of Staff for Installation Management  
Date: October 2, 2008  
Bate Stamp: 00070848 - 00070868
- H. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: October 7, 2008  
Bate Stamp: 00070869 - 00070880
- I. Title: Minutes – Quarterly Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: October 7, 2008  
Bate Stamp: 00070881 - 00070896
- J. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: November 18, 2008  
Bate Stamp: 00070897 - 00070905

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2008

- K. Title: Minutes – Monthly Managers Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 9, 2008  
Bate Stamp: 00070906 - 00070915
- L. Title: Minutes – Quarterly Restoration Advisory Board Meeting  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 9, 2008  
Bate Stamp: 00070916 – 00070939
- M. Title: Letter – LHAAP-06, LHAAP-07, LHAAP-51, LHAAP-55, LHAAP-64,  
LHAAP-66 and LHAAP-68 LHAAP Superfund Site TX6213820529,  
Karnack, Harrison County, TX  
Author(s): Brent Wade, Director Remedial Division TCEQ  
Recipient: Thomas E. Lederle, Branch Chief, United States Army BRAC  
Date: December 16, 2008  
Bate Stamp: 00070940
- N. Title: Report – Final Decision Document for LHAAP-60, Pesticide Storage  
Buildings, LHAAP, Karnack, TX  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 17, 2008  
Bate Stamp: 00070941 - 00070966
- O. Title: Report – Final Decision Document for LHAAP-06, LHAAP-07, LHAAP-51,  
LHAAP-55, LHAAP-64, LHAAP-66 and LHAAP-68 Sites, LHAAP, Karnack,  
TX  
Author(s): Shaw  
Recipient: All Stakeholders  
Date: December 18, 2008  
Bate Stamp: 00070967 - 00070987

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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

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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

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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



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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

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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

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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

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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

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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

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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

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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

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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



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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

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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

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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

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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

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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

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2010

- A. Title: Report - Final Proposed Plan for the Former Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 7, 2010  
Bate Stamp: 00082431 - 00082445
- B. Title: Report - Final Proposed Plan for LHAAP-49, Former Acid Storage Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 7, 2010  
Bate Stamp: 00082446 - 00082461
- C. Title: Report - Final Completion Report Non-Time-Critical Removal Action at the Former Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 12, 2010  
Bate Stamp: 00082462 - 00083381

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2010

- A. Title: Report (Continued) - Final Completion Report Non-Time-Critical Removal Action at the Former Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 12, 2010  
Bate Stamp: 00083382 - 00083891
- B. Title: Report - Final Proposed Plan for LHAAP-46, Plant 2 Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 12, 2010  
Bate Stamp: 00083892 - 00083913
- C. Title: Report - Final Proposed Plan for LHAAP-35A(58), Shops Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 19, 2010  
Bate Stamp: 00083914 - 00083935
- D. Title: Report - Final Proposed Plan for 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: January 19, 2010  
Bate Stamp: 00083936 - 00083958
- E. Title: Public Notice - Proof of Publication Shreveport Times Newspaper Notice for Proposed Plans for Sites LHAAP-46, 49, 50, 35A(58) and the Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: January 17 and 24, 2010  
Bate Stamp: 00083959 - 00083964

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- F. Title: Public Notice - Proof of Publication Marshall News Messenger Notice for Proposed Plans for Sites LHAAP-46, 49, 50, 35A(58) and the Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: January 17 and 24, 2010  
Bate Stamp: 00083965 – 00083972
- G. Title: Meeting Minutes - Longhorn AAP Monthly Manager's Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 26, 2010  
Bate Stamp: 00083973 – 00083983
- H. Title: Memorandum – Results of Additional Sampling at Site LHAAP-02 (Former Vacuum Truck Overnight Parking), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: February 16, 2010  
Bate Stamp: 00083984 - 00084236
- I. Title: Public Notice - Proof of Publication Shreveport Times Newspaper Notice for Proposed Plans for Sites LHAAP-46, 49, 50, 35A(58) and the Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: February 22 and 28, 2010  
Bate Stamp: 00084237 - 00084239
- J. Title: Public Notice - Proof of Publication Marshall News Messenger Newspaper Notice for Proposed Plans for Sites LHAAP-46, 49, 50, 35A(58) and the Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: February 21 and 28, 2010  
Bate Stamp: 00084240 – 00084242



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- K. Title: Public Notice - Media Release for March 9, 2010 Public Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: February 22, 2010  
Bate Stamp: 00084243 - 00084248
- L. Title: Meeting Minutes - Longhorn AAP Monthly Manager's Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: LHAAP Stakeholders  
Date: February 25, 2010  
Bate Stamp: 00084249 - 00084257
- M. Title: Public Tour - Roster of Participants for Longhorn Army Ammunition Plant Tour, Karnack, Texas  
Author(s): LHAAP Stakeholders  
Recipient: Public  
Date: March 9, 2010  
Bate Stamp: 00084258
- N. Title: Meeting Minutes - Longhorn AAP Monthly Manager's Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: LHAAP Stakeholders  
Date: March 9, 2010  
Bate Stamp: 00084259 - 00084267
- O. Title: Meeting Minutes - LHAAP Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: LHAAP Stakeholders  
Date: March 9, 2010  
Bate Stamp: 00084268 - 00084276

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- P. Title: Public Meeting - Public Meeting Agenda and Roster of Attendees for March 9, 2010 Public Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: March 9, 2010  
Bate Stamp: 00084277 - 00084278
- Q. Title: Public Meeting - Transcript for March 9, 2010 Public Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: March 9, 2010  
Bate Stamp: 00084279 - 00084358

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2010

- A. Title: Report – Final Addendum to Final Feasibility Study LHAAP-16, Longhorn  
Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 30, 2010  
Bate Stamp: 00084359 - 00085339

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2010

- A. Title: Report (Continued) – Final Addendum to Final Feasibility Study  
LHAAP-16, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 30, 2010  
Bate Stamp: 00085340 - 00086193

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2010

- A. Title: Report (Continued) – Final Addendum to Final Feasibility Study  
LHAAP-16, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 30, 2010  
Bate Stamp: 00086194 - 00087184

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2010

- A. Title: Report (Continued) - Final Addendum to Final Feasibility Study  
LHAAP-16, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 30, 2010  
Bate Stamp: 00087185 - 00087951

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**Note: Volume 7, Year 2010, Letter A is listed Out of Date in Sequence and should have been inserted in Year 2001.**

- A. Title: Report – Final Baseline Risk Assessment: Human Health Evaluation, Volume 2: Appendices for the Site 16 Landfill Remedial Investigation and Feasibility Study LHAAP-16, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Jacobs Engineering, Inc., St. Louis, Missouri
- Recipient: All Stakeholders
- Date: June, 2001
- Bate Stamp: 00087952 – 00088904

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**Note: Volume 8, Year 2010, Letter A is listed Out of Date in Sequence and should have been inserted in Year 2009.**

A. Title: Letter – Army Response to Comments for LHAAP-35B(37), Chemical Laboratory and LHAAP-67, Aboveground Storage Tank Farm Draft ROD, Longhorn Army Ammunition Plant, Karnack, Texas, August 2009  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: August 12, 2009  
Bate Stamp: 00088905 – 00088919

**Note: Volume 8, Year 2010, Letters B and C is listed Out of Date in Sequence and should have been inserted in Volume 2, 2010.**

B. Title: Letter – Final Explanation of Significant Differences, Burning Ground 3 and Unlined Evaporation Pond (Designated as LHAAP-18/24), Interim Remedial Action Record of Decision Dated May 1995, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): TCEQ  
Recipient: Thomas E. Lederle, Branch Chief, US Army BRAC  
Date: February 12, 2010  
Bate Stamp: 00088920 – 00088936

C. Title: Presentation – Public Meeting on Proposed Plans for Longhorn Army Ammunition Plan for Former Pistol Range, LHAAP-49, LHAAP-35A(58), LHAAP-46, and LHAAP-50, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw  
Recipient: Public  
Date: March 9, 2010  
Bate Stamp: 00088937 – 00088986

D. Title: Letter – Industrial Solid Waste Notice of Nonresidential Land Use, Affidavit and County Recordation Documentation for LHAAP-06, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): US Army  
Recipient: Patsy Cox, County Clerk, Harrison County/U.S. Army  
Date: April 27, 2010  
Bate Stamp: 00088987 – 00088993



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- E. Title: Letter – Industrial Solid Waste Notice of Nonresidential Land Use, Affidavit and County Recordation Documentation for LHAAP-07, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): US Army  
Recipient: Patsy Cox, County Clerk, Harrison County/U.S. Army  
Date: April 27, 2010  
Bate Stamp: 00088994– 00089000
- F. Title: Letter – Industrial Solid Waste Notice of Nonresidential Land Use, Affidavit and County Recordation Documentation for LHAAP-51, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): US Army  
Recipient: Patsy Cox, County Clerk, Harrison County/U.S. Army  
Date: April 27, 2010  
Bate Stamp: 00089001 – 00089007
- G. Title: Letter – Industrial Solid Waste Notice of Nonresidential Land Use, Affidavit and County Recordation Documentation for LHAAP-55, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): US Army  
Recipient: Patsy Cox, County Clerk, Harrison County/U.S. Army  
Date: April 27, 2010  
Bate Stamp: 00089008 – 00089041
- H. Title: Letter – Industrial Solid Waste Notice of Nonresidential Land Use, Affidavit and County Recordation Documentation for LHAAP-60, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): US Army  
Recipient: Patsy Cox, County Clerk, Harrison County/U.S. Army  
Date: April 27, 2010  
Bate Stamp: 00089042 – 00089057

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- I. Title: Letter – Industrial Solid Waste Notice of Nonresidential Land Use, Affidavit and County Recordation Documentation for LHAAP-64, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): US Army  
Recipient: Patsy Cox, County Clerk, Harrison County/U.S. Army  
Date: April 27, 2010  
Bate Stamp: 00089058 – 00089064
- J. Title: Letter – Industrial Solid Waste Notice of Nonresidential Land Use, Affidavit and County Recordation Documentation for LHAAP-66, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): US Army  
Recipient: Patsy Cox, County Clerk, Harrison County/U.S. Army  
Date: April 27, 2010  
Bate Stamp: 00089065 – 00089071
- K. Title: Letter – Industrial Solid Waste Notice of Nonresidential Land Use, Affidavit and County Recordation Documentation for LHAAP-68, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): US Army  
Recipient: Patsy Cox, County Clerk, Harrison County/U.S. Army  
Date: April 27, 2010  
Bate Stamp: 00089072 – 00089078
- L. Title: Meeting Minutes – Longhorn AAP Monthly Manager’s Meeting Minutes, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston Texas  
Recipient: All Stakeholders  
Date: April 27, 2010  
Bate Stamp: 00089079– 00089087

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- A. Title: Report – Final Feasibility Study, LHAAP-17, Burning Ground  
No. 2/Flashing Area, Group 2, Longhorn Army Ammunition Plant, Karnack,  
Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 29, 2010  
Bate Stamp: 00089088 – 00090092

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- A. Title: Report – (Continued) Final Feasibility Study, LHAAP-17, Burning Ground No. 2/Flashing Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 29, 2010  
Bate Stamp: 00090093 – 00091096

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- A. Title: Report--(Continued) Final Feasibility Study, LHAAP-29, Former TNT  
Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack,  
Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 30, 2010  
Bate Stamp: 00091097-00091772

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- A. Title: Report – (Continued) Final Feasibility Study, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 30, 2010  
Bate Stamp: 00091773 – 00092751

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- A. Title: Report--(Continued) Final Feasibility Study, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 30, 2010  
Bate Stamp: 00092752-00093765

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- A. Title: Report--(Continued) Final Feasibility Study, LHAAP-29, Former TNT  
Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack,  
Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 30, 2010  
Bate Stamp: 00093766--00094716



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2010

- A. Title: Report – (Continued) Final Feasibility Study, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 30, 2010  
Bate Stamp: 00094717 – 00095740

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2010

- A. Title: Report – (Continued) Final Feasibility Study, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 30, 2010  
Bate Stamp: 00095741 – 00096687

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- A. Title: Report--(Continued) Final Feasibility Study, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 30, 2010  
Bate Stamp: 00096688--00097694

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2010

- A. Title: Report – (Continued) Final Feasibility Study, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, April 2010  
Author(s): US Army Corps of Engineers  
Recipient: USEPA  
Date: April 30, 2010  
Bate Stamp: 00097695 – 00098178
- B. Title: Memorandum – Errata to Final Data Evaluation Report, Chemical Concentrations in Soil Samples Associated with LHAAP-35/36 Sumps, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: USACE, Aaron Williams  
Date: May 4, 2010  
Bate Stamp: 00098179 – 00098213
- C. Title: Meeting Minutes – Longhorn AAP Monthly Manager’s Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: May 13, 2010  
Bate Stamp: 00098214 – 00098222
- D. Title: Report – Final Proposed Plan for LHAAP-17 Burning Ground No. 2/Flashing Area, Group 2, Longhorn Army Ammunition Plant  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: May 21, 2010  
Bate Stamp: 00098223 – 00098247
- E. Title: Public Notice – Media Release for Proposed Plan for LHAAP-17, Burning Ground No. 2/Flashing Area, Longhorn Army Ammunition Plant  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: May 26, 2010  
Bate Stamp: 00098248 – 00098253

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- F. Title: Public Notice – Proof of Publication Marshall News Messenger Notice for LHAAP-17, Burning Ground No.2/Flashing Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: May 27, 2010  
Bate Stamp: 00098254 – 00098255
- G. Title: Public Notice – Proof of Publication The Shreveport Times Newspaper Notice for LHAAP-17, Burning Ground No.2/Flashing Area, Longhorn Army Ammunition Plant  
Author(s): U.S. Army  
Recipient: Public  
Date: May 27, 2010  
Bate Stamp: 00098256 – 00098257
- H. Title: Meeting Minutes – Longhorn AAP Monthly Manager’s Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: June 10, 2010  
Bate Stamp: 00098258 – 00098268
- I. Title: Meeting Minutes – LHAAP Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: June 10, 2010  
Bate Stamp: 00098269 – 00098311
- J. Title: Public Meeting – Transcript for June 29, 2010 Public Meeting for LHAAP-17, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: June 29, 2010  
Bate Stamp: 00098312 – 00098315

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- K. Title: Meeting Minutes – Final Minutes, LHAAP-47, Onboard Meeting,  
Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 20, 2010  
Bate Stamp: 00098316 – 00098320
- L. Title: Meeting Minutes – Final Minutes, Monthly Managers Meeting,  
Longhorn Army Ammunition Plant  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 20, 2010  
Bate Stamp: 00098321 – 00098325
- M. Title: Meeting Minutes – Final Minutes, Monthly Managers Meeting,  
Longhorn Army Ammunition Plant  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: August 17, 2010  
Bate Stamp: 00098326 – 00098337
- N. Title: Meeting Minutes – LHAAP Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: August 17, 2010  
Bate Stamp: 00098338 – 00098353
- O. Title: Report – Final Record of Decision, LHAAP-35B(37), Chemical Laboratory  
and LHAAP-67, Aboveground Storage Tank Farm, Longhorn Army  
Ammunition Plant  
Author(s): U.S. Army  
Recipient: All Stakeholders  
Date: August 20, 2010  
Bate Stamp: 00098354 – 00098451

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- P. Title: Letter – Concurrence to Record of Decision for LHAAP-49, Former Acid Storage Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): TCEQ  
Recipient: USACE  
Date: September 14, 2010  
Bate Stamp: 00098452 – 00098452
- Q. Title: Letter – Concurrence to Record of Decision for Former Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): TCEQ  
Recipient: USACE  
Date: September 14, 2010  
Bate Stamp: 00098453 – 00098453
- R. Title: Report – Final Decision Document for LHAAP-02, Vacuum Truck Overnight Parking Storage Area, Longhorn Army Ammunition Plant  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: September 21, 2010  
Bate Stamp: 00098454 – 00098470
- S. Title: Report – Final Proposed Plan for LHAAP-16, Landfill 16, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: All Stakeholders  
Date: September 21, 2010  
Bate Stamp: 00098471 – 00098503
- T. Title: Report – Final Record of Decision for LHAAP-49, Former Acid Storage Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: September 23, 2010  
Bate Stamp: 00098504 – 00098535

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- U. Title: Report – Record of Decision Former Pistol Range, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: September 23, 2010  
Bate Stamp: 00098536 – 00098571
- V. Title: Response to Comments – Draft Record of Decision for LHAAP-49, Former Acid Storage Area, (August, 2010), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: USEPA  
Date: September 23, 2010  
Bate Stamp: 00098572 – 00098573
- W. Title: Public Notice - Media Release for October 19, 2010, Public Meeting for LHAAP-16, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: October 19, 2010  
Bate Stamp: 00098574 – 00098579
- X. Title: Meeting Minutes, Longhorn AAP Monthly Manager's Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: October 19, 2010  
Bate Stamp: 00098580 – 00098586
- Y. Title: Public Notice – Proof of Publication Marshall New Messenger Notice for Proposed Plan for LHAAP-16, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: September 26, 2010  
Bate Stamp: 00098587 – 00098588



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Z. Title: Public Notice – Proof of Publication The Shreveport Times Newspaper  
Notice for Proposed Plan for LHAAP-16, Longhorn Army Ammunition  
Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: September 26, 2010  
Bate Stamp: 00098589 – 00098590

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- A. Title: Letter - Concurrence to Record of Decision for LHAAP-50, Former Sump Water Tank, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): TCEQ  
Recipient: USACE  
Date: October 4, 2010  
Bate Stamp: 00098591–00098591
- B. Title: Letter - Concurrence to Record of Decision for LHAAP-46, Plant 2 Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): TCEQ  
Recipient: USACE  
Date: October 4, 2010  
Bate Stamp: 00098952–00098952
- C. Title: Letter - Concurrence to Record of Decision for LHAAP-35A(58), Shop Area, Group 4; Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): TCEQ  
Recipient: USACE  
Date: October 4, 2010  
Bate Stamp: 00098593–00098593
- D. Title: Meeting Minutes–Longhorn AAP Monthly Managers Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: October 19, 2010  
Bate Stamp: 00098594–00098603
- E. Title: Meeting Minutes–LHAAP Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: October 19, 2010  
Bate Stamp: 00098604–00098629

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- F. Title: Public Meeting–Transcript for October 19, 2010 Public Meeting for LHAAP-16 Proposed Plan, Old Landfill, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Public  
Date: October 19, 2010  
Bate Stamp: 00098630–00098700
- G. Title: Report–Final Record of Decision LHAAP-35A(58) Shops Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: October 25, 2010  
Bate Stamp: 00098701–00098797
- H. Title: Report–Final Record of Decision LHAAP-46, Plant 2 Area, Group 4 Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: October 25, 2010  
Bate Stamp: 00098798–00098888
- I. Title: Report–Final Record of Decision LHAAP-50, Former Sump Water Tank, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: October 25, 2010  
Bate Stamp: 00098889–00098008
- J. Title: Public Meeting–Proof of Publication from The Times, Shreveport, LA., for Final Records of Decision for Several Sites, November 1, 2010, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: October 31, 2010  
Bate Stamp: 00098977–00098978

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- K. Title: Public Meeting–Proof of Publication from Marshall News Messenger, Marshall, TX., for Final Records of Decision for Several Sites, November 3, 2010, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: Public  
Date: October 31, 2010  
Bate Stamp: 00098979–00098980
- L. Title: Meeting Minutes–Longhorn AAP Monthly Managers Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: November 9, 2010  
Bate Stamp: 00098981–00098987
- M. Title: Letter–Concurrence to Decision Document for LHAAP-35A(58), Sumps, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): TCEQ  
Recipient: USACE  
Date: December 15, 2010  
Bate Stamp: 00098988–00098988
- N. Title: Report–Final Decision Document for LHAAP-35/36 Sumps, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 21, 2010  
Bate Stamp: 00098989–00099011

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**Note: Volume 1, Year 2011, Letter A and B are listed Out of Date in Sequence and should have been inserted in Years 1984 and 2009.**

- A. Title: Report - Longhorn Army Ammunition Plant Contamination Survey  
Author(s): Environmental Protection Systems, Inc., Pensacola, Florida  
Recipient: Thiokol Corporation/Longhorn Division and Commander Longhorn Army Ammunition Plant  
Date: June 1984  
Bate Stamp: 00099012 - 00099233
- B. Title: Report – Final Site Specific Final Report for the MEC Removal Action at the Former Longhorn Army Ammunition Plant LHAAP-001-R (Site 27) and LHAAP-003 (Site 54), Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: September 2009  
Bate Stamp: 00099234 - 00099885
- C. Title: Meeting Minutes – Longhorn AAP Monthly Managers’ Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 21, 2011  
Bate Stamp: 00099886 - 00099895
- D. Title: Meeting Minutes – Longhorn AAP Restoration Advisory Board  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 21, 2011  
Bate Stamp: 00099896 – 00099912
- E. Title: Meeting Minutes – Longhorn AAP Monthly Managers’ Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: February 24, 2011  
Bate Stamp: 00099913 - 00099918

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- A. Title: Public Notice – Proof of Publication Marshall News Messenger and Shreveport Times Newspaper Notices and Media Release for LHAAP-29 Proposed Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 6, 2011  
Bate Stamp: 00099919 – 00099927
- B. Title: Letter – Army Response to EPA Letter of June 11, 2010 Regarding Munitions Constituents Data Summary Report Response to Comments  
Author(s): U.S. Army, Rose M. Zeiler, Longhorn AAP Site Manager  
Recipient: U.S. Environmental Protection Agency, Steve Tzhone  
Date: March 10, 2011  
Bate Stamp: 00099928 – 00099934
- C. Title: Report – Final Proposed Plan for LHAAP-29, Former TNT Production Area, Group 2, Longhorn AAP, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 15, 2011  
Bate Stamp: 00099935 - 00099962
- D. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 21, 2011  
Bate Stamp: 00099963 - 00099970
- E. Title: Meeting Minutes – LHAAP Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 22, 2011  
Bate Stamp: 00099971 – 00100006

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- F. Title: Public Meeting Presentation of LHAAP-29 Proposed Plan at Karnack Community Center, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: March 22, 2011  
Bate Stamp: 00100007 – 00100062
- G. Title: Transcript of Public Meeting for LHAAP-29 Proposed Plan at Karnack Community Center, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Accurate Reporting of Shreveport, Inc. (Court Reporting Services)  
Recipient: All Stakeholders  
Date: March 22, 2011  
Bate Stamp: 00100063 – 00100098
- H. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: April 21, 2011  
Bate Stamp: 00100099 – 00100107
- I. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: May 24, 2011  
Bate Stamp: 00100108 – 00100116
- J. Title: 2011 Installation Action Plan-- Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: All Stakeholders  
Date: (printed) June 13, 2011  
Bate Stamp: 00100117 – 00100178

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- K. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: June 23, 2011  
Bate Stamp: 00100179 – 00100186
- L. Title: Meeting Minutes – LHAAP Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: June 30, 2011  
Bate Stamp: 00100187 – 00100208
- M. Title: Report—Final Munitions Constituents Data Summary Report for South Test Area/Bomb Test Area, LHAAP-001-R and Ground Signal Test Area, LHAAP-003-R, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc.  
Recipient: All Stakeholders  
Date: June 30, 2011  
Bate Stamp: 00100209 – 00100369
- N. Title: Report—Final Proposed Plan for South Test Area/bomb Test Area, LHAAP-001-R and Ground Signal Test Area, LHAAP-003-R, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc.  
Recipient: All Stakeholders  
Date: June 30, 2011  
Bate Stamp: 00100370 – 00100389
- O. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 21, 2011  
Bate Stamp: 00100390 – 00100397



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P. Title: Transcript of Public Meeting for Military Munitions Response Program  
Proposed Plan Public Meeting (LHAAP-001-R [Site 27] and LHAAP-003-R  
[Site 54]), Karnack Community Center, Longhorn Army Ammunition Plant,  
Karnack, Texas  
Author(s): Sunbelt Reporting and Litigation Services (Court Reporting Services)  
Recipient: All Stakeholders  
Date: July 21, 2011  
Bate Stamp: 00100398 – 00100422

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- A. Title: Report–Final Feasibility Study LHAAP-47, Plant 3 Area, Group 4,  
Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 27, 2011  
Bate Stamp: 00100423 - 00101492

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2011

- A. Title: Report (continued) – Final Feasibility Study LHAAP-47, Plant 3 Area,  
Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 27, 2011  
Bate Stamp: 00101493 - 00102505

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2011

- A. Title: Report (continued) – Final Feasibility Study LHAAP-47, Plant 3 Area,  
Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 27, 2011  
Bate Stamp: 00102506 - 00103379

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2011

- A. Title: Report (continued) – Final Feasibility Study LHAAP-47, Plant 3 Area,  
Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 27, 2011  
Bate Stamp: 00103380 - 00104302

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2011

- A. Title: Report – Final Feasibility Study LHAAP-47, Plant 3 Area, Group 4,  
Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 27, 2011  
Bate Stamp: 00104303 - 00105297

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2011

- A. Title: Report (continued)– Final Feasibility Study LHAAP-47, Plant 3 Area,  
Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 27, 2011  
Bate Stamp: 00105298 - 00106289

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2011

- A. Title: Report (continued) – Final Feasibility Study LHAAP-47, Plant 3 Area,  
Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 27, 2011  
Bate Stamp: 00106290 - 00107065



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2011

- A. Title: Report (continued)– Final Feasibility Study LHAAP-47, Plant 3 Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: July 27, 2011  
Bate Stamp: 00107066 – 00107542
- B. Title: Report – Final Remedial Design LHAAP-35B(37), Chemical Laboratory and LHAAP-67, Aboveground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: All Stakeholders  
Date: August 1, 2011  
Bate Stamp: 00107543 – 00108016

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2011

- A. Title: Report – Final Completion Report Non-Time-Critical Removal Action  
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 16, 2011
- Bate Stamp: 00108017 - 00109031

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2011

- A. Title: Report (continued)– Final Completion Report Non-Time-Critical Removal Action 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 16, 2011
- Bate Stamp: 00109032 - 00110113

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2011

- A. Title: Report (continued)–Final Completion Report Non-Time-Critical  
Removal Action 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 16, 2011
- Bate Stamp: 00110114 - 00110919

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2011

- A. Title: Report – Final Remedial Design LHAAP-35B(37), Chemical Laboratory and LHAAP-67, Aboveground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: All Stakeholders  
Date: August 24, 2011  
Bate Stamp: 00110920 – 00111367
- B. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: August 24, 2011  
Bate Stamp: 00111368 – 00111375
- C. Title: Meeting Minutes – LHAAP Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: September 15, 2011  
Bate Stamp: 00111376 – 00111393
- D. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: September 15, 2011  
Bate Stamp: 00111394 – 00111403
- E. Title: Report – Final Remedial Design 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: September 30, 2011  
Bate Stamp: 00111404 – 00111532
- F. Title: Report – Final Remedial Design LHAAP-35A(58), Shops Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: September 30, 2011  
Bate Stamp: 00111533 – 00111686

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G. Title: Report – Final Remedial Design LHAAP-46, Plant 2 Area, Group 4,  
Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: September 30, 2011  
Bate Stamp: 00111687 – 00111793

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2011

**Note: Volume 15, Year 2011, Letter A is listed Out of Date in Sequence and should have been inserted in Year 2009.**

- A. Title: Memorandum – Perchlorate Release Management Policy  
Author(s): Office of the Under Secretary of Defense, Washington DC  
Recipient: All Stakeholders  
Date: April 22, 2009  
Bate Stamp: 00111794 – 00111801
- B. Title: Report – Final Data Evaluation Report for LHAAP-65, Former Flammable Materials Storehouse, Longhorn Army Ammunition Plant, Karnack, Texas (June 17, 2011)  
Author(s): U.S. Army  
Recipient: All Stakeholders  
Date: October 11, 2011  
Bate Stamp: 00111802 – 00112667
- C. Title: Meeting Minutes – LHAAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: October 25, 2011  
Bate Stamp: 00112668 – 00112677
- D. Title: Correspondence – Notification of Schedule Extension for Completion of LHAAP-29 Record of Decision, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Dr. Rose M. Zeiler, Longhorn AAP Site Manager  
Recipient: Mr. Stephen Tzhone, U.S. Environmental Protection Agency  
Date: November 10, 2011  
Bate Stamp: 00112678 – 00112678

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- E. Title: Correspondence – Notification of Schedule Extension for Completion of LHAAP-29 Record of Decision, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Dr. Rose M. Zeiler, Longhorn AAP Site Manager  
Recipient: Ms. Fay Duke, Texas Commission on Environmental Quality  
Date: November 10, 2011  
Bate Stamp: 00112679 – 00112679
- F. Title: Meeting Minutes – LHAAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: November 15, 2011  
Bate Stamp: 00112680 – 00112720
- G. Title: Meeting Minutes – LHAAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: December 20, 2011  
Bate Stamp: 00112721 – 00112728



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- A. Title: Dispute Resolution under Federal Facilities Agreement (FFA) and Response to Comments on Records of Decision (RODs) Sites LHAAP-16 and LHAAP-17, and for MMRP Sites LHAAP-001-R and LHAAP-003-R, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): U.S. Army, U.S. Environmental Protection Agency, Texas Commission on Environmental Quality
- Recipient(s): U.S. Army, U.S. Environmental Protection Agency, Texas Commission on Environmental Quality
- Date: 2011
- Bate Stamp: 00112729 – 00113422

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- A. Title: Correspondence – Harrison County Records Filing of Sites LHAAP-49, Pistol Range, and Sumps from LHAAP-48 (Sump094, Sump095, Sump096, Sump097, Sump 099, Sump100, Sump101, WRSump001, WRSump002, and WRSump003), and LHAAP-58 (Sump102, Sump103, Sump104, Sump105, and Sump123); Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: Office of Harrison County Clerk  
Date: January 19, 2012  
Bate Stamp: 00113423 – 00113531
- B. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 19, 2012  
Bate Stamp: 00113532 – 00113543
- C. Title: Meeting Minutes – LHAAP Restoration Advisory Board (RAB) Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: January 19, 2012  
Bate Stamp: 00113544 – 00113602
- D. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc., Houston, Texas  
Recipient: All Stakeholders  
Date: February 21, 2012  
Bate Stamp: 00113603 – 00113608

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***Note: Volume 2, Year 2012, A., B., C., D., and E. are listed Out of Date in Sequence and should have been inserted in Years 1994, 1999, 2005, and 2007 respectively.***

- A. Title: FAX – Miscellaneous UST File Material, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: Connie Dungvent  
Date: February 3, 1994  
Bate Stamp: 00113609 - 00113637
- B. Title: Report – Closure Report for Brine Pond (Surface Impoundment) at Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Complete Environmental Service  
Recipient: U.S. Army, Texas Natural Resource Conservation Commission  
Date: April 29, 1999  
Bate Stamp: 00113638 - 00113740
- C. Title: Report – Final Environmental Condition of Property III (ECOP III), Longhorn Army Ammunition Plant Karnack, Texas  
Author(s): U.S. Army  
Recipient: All Stakeholders  
Date: August 15, 2005  
Bate Stamp: 00113741 - 00113777
- D. Title: Report – Final Environmental Condition of Property IV (ECOP IV), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: All Stakeholders  
Date: March 26, 2007  
Bate Stamp: 00113778 - 00113814
- E. Title: Notice of Registration – Longhorn Army Ammunition Plant, Unit Numbers 004, 007 and 008  
Author(s): Texas Commission on Environmental Quality  
Recipient: U.S. Army  
Date: May 8, 2007  
Bate Stamp: 00113815

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- F. Title: Dispute Resolution under Federal Facilities Agreement (FFA) and Response to Comments on Records of Decision (RODs) Sites LHAAP-16 and LHAAP-17, and for MMRP Sites LHAAP-001-R and LHAAP-003-R, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army, U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Recipient: U.S. Army, U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Date: February 15, 2012  
Bate Stamp: 00113816 – 00113915
- G. Title: Table – Monitoring Wells Plugging and Abandonment Information for Sites LHAAP-48 and LHAAP-35C(53), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): E TTL Engineers and Consultants  
Recipient: U.S. Army  
Date: February 23, 2012  
Bate Stamp: 00113916 – 00113948
- H. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc.  
Recipient: All Stakeholders  
Date: March 27, 2012  
Bate Stamp: 00113949 – 00113954
- I. Title: Report – Well Installation and Sampling Completion Report, Chemical Laboratory (LHAAP-37), Longhorn Army Ammunition Plant, Karnack, Texas; Attachment - Chemical Data Quality Assurance Report, LHAAP-35B(37)  
Author(s): Cherokee Nation, Cherokee CRC  
Recipient: U.S. Army Corps of Engineers  
Date: April 11, 2012  
Bate Stamp: 00113955 – 00114037
- J. Title: Charter – Longhorn Army Ammunition Plant Restoration Advisory Board Guidelines and Operating Procedures  
Author(s): Longhorn Army Ammunition Plant Restoration Advisory Board  
Recipient: U.S. Army  
Date: April 19, 2012  
Bate Stamp: 00114043 – 00114048

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- K. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc.  
Recipient: All Stakeholders  
Date: April 19, 2012  
Bate Stamp: 00114038 – 00114042
- L. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc.  
Recipient: All Stakeholders  
Date: May 21, 2012  
Bate Stamp: 00114049 – 00114053
- M. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc.  
Recipient: All Stakeholders  
Date: June 20, 2012  
Bate Stamp: 00114054 – 00114121
- N. Title: Meeting Minutes – Longhorn AAP Monthly Managers' Meeting  
Author(s): Shaw Environmental, Inc.  
Recipient: All Stakeholders  
Date: July 19, 2012  
Bate Stamp: 00114122 – 00114129
- O. Title: Email - EPA Response to U.S. Army Letter of June 14, 2012 Groundwater Treatment Plant status and proposal for interim GWTP operation without use of catalytic oxidizer at Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army  
Recipient: U.S. Environmental Protection Agency, Texas Commission on Environmental  
Date: July 23, 2012  
Bate Stamp: 00114130 – 00114161

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- P. Title: Report - Final Remedial Action Operation Summary Report, Years 1 and 2, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: July 27, 2012  
Bate Stamp: 00114162 – 00115849
- Q. Title: Report - Final Remedial Action Operation Summary Report, Years 3 and 4, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: July 27, 2012  
Bate Stamp: 00115850 – 00116068
- R. Title: Report - Final Feasibility Study for Groundwater, LHAAP-04, Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: August 6, 2012  
Bate Stamp: 00116069 – 00116269

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***Note: Volume 3, Year 2012, A., B., C., D., E., F., and G. are listed Out of Date in Sequence and should have been inserted in Years 1980, 1983, 1985, 1986, and 2002 respectively.***

- A. Title: Report - Installation Assessment of Longhorn Army Ammunition Plant  
Author(s):  
Recipient: U.S. Army Toxic and Hazardous Materials Agency  
Date: February 1, 1980  
Bate Stamp: 00116270 - 00116348
- B. Title: Report - Phase 2 Hazardous Waste Management Special Study No. 39-26-0147-83, DARCOM Open-Burning/Open-Detonation Grounds Evaluation, Longhorn Army Ammunition Plant, Marshall, Texas, 31 July-3 August 1981  
Author(s): Department of the Army  
Recipient: US Army Materiel Development and Readiness Command  
Date: September 21, 1983  
Bate Stamp: 00116349 - 00116378
- C. Title: Report - Groundwater Quality Assessment, Groundwater Contamination Related to Seepage from Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Marshall, Texas  
Author(s): Camp Dresser & McKee Inc.  
Recipient: US Army Materiel Development and Readiness Command  
Date: March 15, 1985  
Bate Stamp: 00116379 - 00116413
- D. Title: Report - Addendum to Groundwater Quality Assessment, Groundwater Contamination Related to Seepage from Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Marshall, Texas - Part 1  
Author(s): Camp Dresser & McKee Inc.  
Recipient: US Army Materiel Development and Readiness Command  
Date: May 8, 1986  
Bate Stamp: 00116414 - 00116435

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- E. Title: Report - Addendum to Groundwater Quality Assessment, Groundwater Contamination Related to Seepage from Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Marshall, Texas - Part 2  
Author(s): Camp Dresser & McKee Inc.  
Recipient: US Army Materiel Development and Readiness Command  
Date: May 8, 1986  
Bate Stamp: 00116436 - 00116454
- F. Title: Report - Addendum to Groundwater Quality Assessment, Groundwater Contamination Related to Seepage from Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Marshall, Texas - Part 3  
Author(s): Camp Dresser & McKee Inc.  
Recipient: US Army Materiel Development and Readiness Command  
Date: May 8, 1986  
Bate Stamp: 00116455 - 00116464
- G. Title: Report - Final First Five-Year Review Report, Longhorn Army Ammunition Plant Sites 18 & 24, Site 16, and Site 12, Karnack, Texas  
Author(s): Complete Environmental Service  
Recipient: U.S. Army Corps of Engineers  
Date: August 13, 2002  
Bate Stamp: 00116465 - 00116603
- H. Title: Meeting Minutes - Longhorn AAP Monthly Managers' Meeting  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: September 18, 2012  
Bate Stamp: 00116604 - 00116626
- I. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116627 - 00116649



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- J. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix A: Conceptual Design Report, 1993  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116650 - 00116652
- K. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix B: Closure of an Unlined Evaporation Pond: a Case History, 1990  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116653 - 00116662
- L. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix C: Final Work Plan Addendum Phase I for LHAAP-18/24, September 1993  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116663 - 00116685
- M. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix D: Interim Remedial Action - Phase I Letter Report, February 1994  
Author(s): U.S. Army Corps of Engineers Tulsa District (AWD Technologies)  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116686 - 00116775

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- N. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix E: Interim Remedial Action Pilot Study Report - Phase II, March 1995  
Author(s): U.S. Army Corps of Engineers Tulsa District (Dow Environmental, Inc.)  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116776 - 00116847
- O. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix F: Documentation of IRA Construction Field Activities  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116848 - 00116883
- P. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix G: Photographs of IRA Construction Field Activities  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116884 - 00116897
- Q. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix H: Table of ICT Information Available from Quality Control Reports  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116898 - 00116907

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- R. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix I: ICT As-Builts Drawings, August 1998  
Author(s): U.S. Army Corps of Engineers Tulsa District (Radian International LLC)  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116908 - 00116934
- S. Title: Memorandum for Record - Documentation of the Interim Remedial Action prior to 1999 at LHAAP 18/24, (Burning Ground 3) Longhorn Army Ammunition Plant, Karnack, Texas - Appendix J: Table of Source Material Data Available from Quality Control Reports  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: October 14, 2012  
Bate Stamp: 00116935 - 00116947
- T. Title: Meeting Minutes - Longhorn AAP Restoration Advisory Board (RAB) Meeting  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: October 18, 2012  
Bate Stamp: 00116948 - 00116967
- U. Title: Meeting Minutes - Longhorn AAP Monthly Managers' Meeting  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: October 19, 2012  
Bate Stamp: 00116968 - 00117001
- V. Title: Memorandum for Record - Additional Records Pertinent to Remedial Action at LHAAP-18/24 (Burning Ground 3), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers, Tulsa District  
Recipient: All Stakeholders  
Date: October 20, 2012  
Bate Stamp: 00117002

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- W. Title: Meeting Minutes - Longhorn AAP Monthly Managers' Meeting  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: November 14, 2012  
Bate Stamp: 00117003 - 00117179
- X. Title: Letter - Approval of Schedule Extension Request for LHAAP-18/24 and LHAAP-03  
Author(s): United States Environmental Protection Agency  
Recipient: Department of Army  
Date: November 16, 2012  
Bate Stamp: 00117180 - 00117181
- Y. Title: Report - Final Proposed Plan for LHAAP-04, Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: December 1, 2012  
Bate Stamp: 00117182 - 00117196
- Z. Title: Meeting Minutes - Longhorn AAP Monthly Managers' Meeting  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: December 11, 2012  
Bate Stamp: 00117197 - 00117206

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***Note: Volume 1, Year 2013, A, B, C, D, E, F and G. are listed Out of Date in Sequence and should have been inserted in Years 1999, 2000, 2001, and 2012 respectively.***

- A. Title: Report - Phase II Closure Report for Burning Cage Interim Status Unit No. 6 (NOR 156), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Complete Environmental Service  
Recipient: Texas Natural Resource Conservation Commission  
Date: May 27, 1999  
Bate Stamp: 00117207 – 00117319
- B. Title: Report - Closure Report for 90-Day Waste Storage Area 41-X, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Complete Environmental Service  
Recipient: Texas Natural Resource Conservation Commission  
Date: August 24, 2000  
Bate Stamp: 00117320 – 00117496
- C. Title: Report - Closure Report for 90-Day Waste Storage Area 24-X, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Complete Environmental Service  
Recipient: Texas Natural Resource Conservation Commission  
Date: August 29, 2000  
Bate Stamp: 00117497 - 00117671
- D. Title: Report - Closure Report for 90-Day Waste Storage Area 43-X, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Complete Environmental Service  
Recipient: Texas Natural Resource Conservation Commission  
Date: November 30, 2000  
Bate Stamp: 00117672 – 00117884
- E. Title: Report - Closure Report for 90-Day Waste Storage Area 21-X, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Complete Environmental Service  
Recipient: Texas Natural Resource Conservation Commission  
Date: January 29, 2001  
Bate Stamp: 00117885 – 00118109

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- F. Title: Memorandum for Record - RCRA Closure Reports for Sites pertinent to Remedial Action at LHAAP-18/24 (Burning Ground 3), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers Tulsa District  
Recipient: All Stakeholders  
Date: December 1, 2012  
Bate Stamp: 00118110 – 00118111
- G. Title: Report - Final Proposed Plan for LHAAP-47, Plant 3 Area Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers Tulsa District  
Date: December 31, 2013  
Bate Stamp: 00118112 - 00118132
- H. Title: Meeting Minutes - Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: January 7, 2013  
Bate Stamp: 00118133 - 00118139
- I. Title: Meeting Minutes - Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: January 8, 2013  
Bate Stamp: 00118140 - 00118183
- J. Title: Meeting Transcript - Longhorn Army Ammunition Plant Proposed Plan Public Meeting for LHAAP-04 and LHAAP-47  
Author(s): Sunbelt Reporting & Litigation Services  
Recipient: All Stakeholders  
Date: January 9, 2013  
Bate Stamp: 00118184 - 00118240

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- K. Title: Report - Comprehensive Land Use Control (LUC) Management Plan, Former Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s):  
Recipient: All Stakeholders  
Date: February 4, 2013  
Bate Stamp: 00118241 - 00118577
- L. Title: Meeting Minutes - Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: February 13, 2013  
Bate Stamp: 00118578 - 00118586
- M. Title: Meeting Minutes - Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: March 11, 2013  
Bate Stamp: 00118587 - 00118627
- N. Title: Report - Final Remedial Action Work Plan for LHAAP-67, Aboveground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: March 20, 2013  
Bate Stamp: 00118628 - 00118663
- O. Title: Report - Final Remedial Action Work Plan for LHAAP-46, Plant 2 Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: March 21, 2013  
Bate Stamp: 00118664 - 00118868

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- P. Title: Report - Final Post-Screening Investigation Work Plan for LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: March 26, 2013
- Bate Stamp: 00118869 - 00118913
- 
- Q. Title: Report - Final Remedial Investigation/Focused Feasibility Study for LHAAP-03, Former Waste Collection Pad near Building 722-P, Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: March 29, 2013
- Bate Stamp: 00118914 - 00119039



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2013

- A. Title: Meeting Minutes - Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: April 4, 2013  
Bate Stamp: 00119040 - 00119074
- B. Title: Meeting Minutes - Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: April 4, 2013  
Bate Stamp: 00119075 – 00119085
- C. Title: Memorandum for Record - Notification of Remedial Action Well Construction Completion, LHAAP-46, Plant 2 Area, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: April 30, 2013  
Bate Stamp: 00119086
- D. Title: Memorandum for Record - Notification of Remedial Action Well Construction Completion, LHAAP-67, Aboveground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: April 30, 2013  
Bate Stamp: 00119087
- E. Title: Report - Final Proposed Plan for LHAAP-03, Former Waste Collection Pad Building 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: May 24, 2013  
Bate Stamp: 00119088 - 00119102

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- F. Title: Meeting Minutes - Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: May 30, 2013  
Bate Stamp: 00119103 - 00119141
- G. Title: Meeting Notice and Transcript - Longhorn Army Ammunition Plant Proposed Plan Public Meeting for LHAAP-03  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: May 30, 2013  
Bate Stamp: 00119142 - 00119192
- H. Title: Meeting Minutes - Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: June 20, 2013  
Bate Stamp: 00119193 - 00119204
- I. Title: Report - Final Remedial Action Work Plan for LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: June 28, 2013  
Bate Stamp: 00119205 - 00119259
- J. Title: Report - Final Remedial Action Work Plan for LHAAP-35B(37), Chemical Laboratory, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: June 28, 2013  
Bate Stamp: 00119260 - 00119379

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**Note: Volume 3, Year 2013, A and B are listed Out of Date in Sequence and should have been inserted in Year 2012.**

- A. Title: Meeting Minutes - Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: July 19, 2012  
Bate Stamp: 00119380 - 00119386
- B. Title: Report - Final Interim Effluent Air Sampling Work Plan for Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 2012  
Bate Stamp: 00119387 - 00119409
- C. Title: Report - Groundwater Treatment Plant Air Monitoring Data Transmittal (September 2012 to June 2013, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: June 24, 2013  
Bate Stamp: 00119410 - 00120287
- D. Title: Report - In Situ Microbial Bioreactor (Bio Plug) Field Test Interim Report No. 1, Longhorn Army Ammunition Plant (LHAAP) Site-35B(37)  
Author(s): U.S. Army Aberdeen Test Center  
Recipient: U.S. Army Environmental Command  
Date: July 19, 2013  
Bate Stamp: 00120288 - 00120301
- E. Title: Report - Final Remedial Action Work Plan, LHAAP-58, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: August 14, 2013  
Bate Stamp: 00120302 - 00120453

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- A. Title: Report - Final Cover Evaluation & Final Landfill Closure Report, LHAAP-19, C&D Landfill, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): ETTL Engineers & Consultants Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: September 17, 2010  
Bate Stamp: 00120454 – 00122123
- B. Title: Memorandum for Record - Notification of Remedial Action Well Construction Completion, LHAAP-35B(37), Chemical Laboratory, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 9, 2013  
Bate Stamp: 00122124 – 00122126
- C. Title: Memorandum for Record - Notification of Remedial Action Well Construction and Initial Enhanced In-Situ Bioremediation Completion, LHAAP-58, Former Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 30, 2013  
Bate Stamp: 00122127 – 00122130
- D. Title: Memorandum for Record - Notification of Remedial Action Well Construction and Soil Excavation Completion, LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 30, 2013  
Bate Stamp: 00122131 – 00122134
- E. Title: Report - In Situ Microbial Bioreactor (Bio Plug) Field Test Interim Report No. 1 (Revised Nov 2013), Longhorn Army Ammunition Plant (LHAAP) Site-35B(37)  
Author(s): U.S. Army Aberdeen Test Center  
Recipient: U.S. Army Environmental Command  
Date: July 19, 2013 (Revised November 2013)  
Bate Stamp: 00122135 – 00122148

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- F. Title: Letter - Comprehensive Land Use Control Management Plan for FY 2013 Memo/Revision Log, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Date: November 18, 2013  
Bate Stamp: 00122149 – 00122154
- G. Title: Report - 2012 Installation Action Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Date: November 19, 2013  
Bate Stamp: 00122155 – 00122243
- H. Title: Report - Community Involvement Plan for Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): PB&A, Inc.  
Recipient: U.S. Army, U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Date: November 19, 2013  
Bate Stamp: 00122244 – 00122330
- I. Title: Report - In Situ Microbial Bioreactor (Bio Plug) Field Test Interim Report No. 2, Longhorn Army Ammunition Plant (LHAAP) Site-35B(37)  
Author(s): U.S. Army Aberdeen Test Center  
Recipient: U.S. Army Environmental Command  
Date: November 26, 2013  
Bate Stamp: 00122331 – 00122345
- J. Title: Letter - Surface Water and Perimeter Well Perchlorate Data Transmittal Memorandum, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: December 4, 2013 (This document has been revised. The final document will be presented in Volume 1 of the 2014 Administrative Record.)  
Bate Stamp: 00122346 – 00122356

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- K. Title: Report - 2013 Installation Action Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Date: December 12, 2013  
Bate Stamp: 00122357 – 00122453
- L. Title: Report - Final Post-Screening Investigation Report for LHAAP-18/24, Burning Ground No. 3 and Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: December 26, 2013  
Bate Stamp: 00122454 - 00122915

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- A. Title: Report - Final Post-Screening Investigation Report for LHAAP-18/24, Burning Ground No. 3 and Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas – Appendix D: Laboratory Analytical Reports
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: December 26, 2013
- Bate Stamp: 00122916 - 00187952

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- A. Title: Report – Draft Final Baseline Ecological Risk Assessment Addendum  
Work Plan, Longhorn Army Ammunition Plant, Karnack, Texas – August  
2013
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: September 3, 2013
- Bate Stamp: 00187953 - 00188531



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***Note: Volume 7, Year 2013, A and B are listed Out of Date in Sequence and should have been inserted in Year 1999 and 2000 respectively.***

- A. Title: Report – Final Closure Report, Hazardous Waste Storage Area 31-W, RCRA Permit 50195 Unit No. 001, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s):  
Recipient: U.S. Army Corps of Engineers  
Date: October, 1999  
Bate Stamp: 00188532 - 00189424
- B. Title: Report –Closure Report, Building 701, EPA ID No. TX6213820529, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Complete Environmental Service  
Recipient: U.S. Army Corps of Engineers  
Date: April, 2000  
Bate Stamp: 00189425 - 00189540

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- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: November 14, 2013  
Bate Stamp: 00189541 – 00189617
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: November 14, 2013  
Bate Stamp: 00189618 – 00189731
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: December 10, 2013  
Bate Stamp: 00189732 – 00189750
- D. Title: Letter - Dispute Resolution under Federal Facilities Agreement (FFA) on Records of Decision (RODs) Sites LHAAP-16 and LHAAP-17, and for MMRP Sites LHAAP-001-R and LHAAP-003-R, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Environmental Protection Agency  
Recipient: U.S. Army Corps of Engineers, Texas Commission on Environmental Quality  
Date: April 5, 2013  
Bate Stamp: 00189751 – 00189770
- E. Title: Letter - Dispute Resolution under Federal Facilities Agreement (FFA) on Records of Decision (RODs) Sites LHAAP-16 and LHAAP-17, and for MMRP Sites LHAAP-001-R and LHAAP-003-R, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Environmental Protection Agency  
Date: April 19, 2013  
Bate Stamp: 00189771 – 00189773

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F. Title: Letter - Dispute Resolution under Federal Facilities Agreement (FFA) on Records of Decision (RODs) Sites LHAAP-16 and LHAAP-17, and for MMRP Sites LHAAP-001-R and LHAAP-003-R, Longhorn Army Ammunition Plant, Karnack, Texas

Author(s): U.S. Environmental Protection Agency

Recipient: U.S. Army Corps of Engineers

Date: May 16, 2013

Bate Stamp: 00189751 – 00189770

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VOLUME 1

2014

- A. Title: Report - Final Decision Document for LHAAP-19, LHAAP-56, LHAAP-65 and LHAAP-69 Sites, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: January 1, 2014  
Bate Stamp: 00189776 - 00189806
- B. Title: Report - Final (Revised) Environmental Condition of Property VI, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): U.S. Army Corps of Engineers  
Recipient: United States Fish and Wildlife Service  
Date: January 1, 2014  
Bate Stamp: 00189807 - 00190040
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: January 9, 2014  
Bate Stamp: 00190041 - 00190045
- D. Title: Report - Final Explanation of Significant Differences, Record of Decision for Early Interim Remedial Action at Burning Ground No. 3, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: February 3, 2014  
Bate Stamp: 00190046 - 00190065
- E. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: February 20, 2014  
Bate Stamp: 00190066 - 00190125

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VOLUME 1

2014

- F. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: February 20, 2014  
Bate Stamp: 00190126 - 00190154
- G. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: March 25, 2014  
Bate Stamp: 00190155 - 00190175
- H. Title: Memorandum for File - Surface Water Data Transmittal March 2008 - February 2014, Perimeter Well Data Transmittal September 2008 - June 2013, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: April 2, 2014  
Bate Stamp: 00190176 - 00190188

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VOLUME 2

2014

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: April 15, 2014  
Bate Stamp: 00190189 - 00190208
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: May 15, 2014  
Bate Stamp: 00190209 - 00190246
- C. Title: Report – LHAAP-35B(37) In Situ Microbial Bioreactor (Bio Plug) Field Test Interim Report No. 3, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Aberdeen Test Center, Gene L. Fabian  
Recipient: U.S. Army Environmental Command  
Date: May 20, 2014  
Bate Stamp: 00190247 - 00190261
- D. Title: Report - Final Post-Screening Investigation Work Plan Addendum, LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: June 10, 2014  
Bate Stamp: 00190262 - 00190277
- E. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: June 12, 2014  
Bate Stamp: 00190278 - 00190282

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VOLUME 3

2014

- A. Title: Report - Final LHAAP-29 Remedial Investigation/Feasibility Addendum Work Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: June 23, 2014  
Bate Stamp: 00190283 – 00190342
- B. Title: Report - Final Baseline Ecological Risk Assessment Addendum, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AGEISS Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: July 8, 2014  
Bate Stamp: 00190343 – 00190586
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: July 15, 2014  
Bate Stamp: 00190587 – 00190590
- D. Title: Report - Final Installation-Wide Work Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: July 21, 2014  
Bate Stamp: 00190591 – 00191445
- E. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: August 7, 2014  
Bate Stamp: 00191446 – 00191450

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2014

F. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: September 11, 2014  
Bate Stamp: 00191451 – 00191512



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VOLUME 4

2014

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: July 16, 2013  
Bate Stamp: 00191513 – 00191560
- B. Title: Position Paper – Longhorn Army Ammunition Plant Issues in Dispute Under FFA  
Author(s): Hershell E. Wolfe, Deputy Assistant Secretary of the Army (Environment, Safety and Occupational Health)  
Recipient: Gina McCarthy, Administrator of the USEPA and Richard A. Hyde, Executive Director of the TCEQ  
Date: March 18, 2014  
Bate Stamp: 00191561 – 00192522
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: May 15, 2014  
Bate Stamp: 00192523 – 00192656
- D. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: October 14, 2014  
Bate Stamp: 00192657 – 00192716
- E. Title: Transmittal of Final Dispute Decision  
Author(s): Gina McCarthy, Administrator of the EPA  
Recipient: John M. McHugh, Secretary of the Army and Bryan W. Shaw, Chairman of the TCEQ  
Date: October 31, 2014  
Bate Stamp: 00192717 – 00192750

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2014

- F. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: November 20, 2014  
Bate Stamp: 00192751 – 00192759
- G. Title: Delegation of Dispute Decision Response to Katharine Hammack, Assistant Secretary of the Army - Installations, Energy and Environment  
Author(s): John M. McHugh, Secretary of the Army  
Recipient: Gina McCarthy, Administrator of the EPA  
Date: November 25, 2014  
Bate Stamp: 00192760
- H. Title: Notice of Intent to Elevate the Dispute to OMB  
Author(s): Katharine Hammack, Assistant Secretary of the Army- Installations, Energy and Environment  
Recipient: Gina McCarthy, Administrator of the EPA  
Date: November 25, 2014  
Bate Stamp: 00192761
- I. Title: Report - Final 2013 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 27, 2014  
Bate Stamp: 00192762 – 00193503

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VOLUME 1

2015

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: August 7, 2014  
Bate Stamp: 00193504 - 00193560
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: November 20, 2014  
Bate Stamp: 00193561 - 00193605
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: December 11, 2014  
Bate Stamp: 00193606 - 00193649
- D. Title: Report - 2014 Installation Action Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Date: January 5, 2015  
Bate Stamp: 00193650 - 00193742
- E. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: January 20, 2015  
Bate Stamp: 00193743 - 00193786

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VOLUME 1

2015

- F. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: February 19, 2015  
Bate Stamp: 00193787 - 00193820
- G. Title: Memorandum for File - Surface Water Transmittal February 2014-August 2014, Perimeter Well Data Transmittal April 2014-August 2014, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: February 19, 2015  
Bate Stamp: 00193821 - 00194638
- H. Title: Report - Comprehensive Land Use Control (LUC) Management Plan, Former Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: March 5, 2015  
Bate Stamp: 00194639 - 00195005

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VOLUME 2

2015

- A. Title: Report - Final 2013 Five-Year Review Report, Longhorn Army Ammunition Plant, Karnack Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: May 27, 2014  
Bate Stamp: 00195006 – 00195433
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: February 19, 2015  
Bate Stamp: 00195434 – 00195483
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: March 17, 2015  
Bate Stamp: 00195484 – 00195517
- D. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: April 14, 2015  
Bate Stamp: 00195518 – 00195538
- E. Title: Report - Draft Final Remedial Action Completion Report, LHAAP-46, Plant 2 Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: May 7, 2015  
Bate Stamp: 00195539 – 00203163

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2015

- F. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: May 12, 2015  
Bate Stamp: 00203164 – 00203184
- G. Title: Letter - Schedule Extension Notice for Response to Regulatory Comments on the Draft Revised Study for LHAAP-18/24, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: Texas Commission on Environmental Quality  
Date: May 22, 2015  
Bate Stamp: 00203185
- H. Title: Letter - Schedule Extension Notice for Response to Regulatory Comments on the Draft Revised Study for LHAAP-18/24, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Environmental Protection Agency  
Date: May 22, 2015  
Bate Stamp: 00203186
- I. Title: Report - Draft Final Remedial Action Completion Report, LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: May 28, 2015  
Bate Stamp: 00203187 – 00215956

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2015

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: June 18, 2015  
Bate Stamp: 00215957 – 00215985
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: July 14, 2015  
Bate Stamp: 00215986 – 00216010
- C. Title: Letter - Certificate of Completion for Remedial Action at LHAAP-46, Plant Area 2, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Environmental Protection Agency  
Recipient: Army BRAC Office  
Date: July 20, 2015  
Bate Stamp: 002160011 – 00216012
- D. Title: Report - 2015 Installation Action Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Date: July 21, 2015  
Bate Stamp: 002160013 – 00216109
- E. Title: Memorandum for File - Surface Water Data Transmittal 1 Q 2015, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: August 4, 2015  
Bate Stamp: 00216110 – 00216275

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2015

- F. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: August 11, 2015  
Bate Stamp: 00216276 – 00216303
- G. Title: Letter - Certificate of Completion for Remedial Action at LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Environmental Protection Agency  
Recipient: Army BRAC Office  
Date: August 11, 2015  
Bate Stamp: 00216304 – 00216305
- H. Title: Report - Draft Final Remedial Action Operation Report for LHAAP-12, Landfill 12, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: August 12, 2015  
Bate Stamp: 00216306 – 00216375
- I. Title: Report - Final Decision Document for LHAAP-05, LHAAP-09, LHAAP-15, LHAAP-34, LHAAP-52, LHAAP-57, LHAAP-61, LHAAP-63, LHAAP-70 and LHAAP-71 Sites, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers, Tulsa District  
Recipient: All Stakeholders  
Date: September 1, 2015  
Bate Stamp: 00216376 – 00216421
- J. Title: Report - Comprehensive Land Use Control (LUC) Management Plan, Former Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: September 14, 2015  
Bate Stamp: 00216422 – 00216812



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VOLUME 4

2015

- A. Title: Report - Final Closure Report, Hazardous Waste Storage Area 49-W, RCRA Permitted Unit No. 002, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Complete Environmental Service  
Recipient: Texas Natural Resource Conservation Commission  
Date: September 1, 1999  
Bate Stamp: 00216813 – 00217517
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: June 18, 2015  
Bate Stamp: 00217518 – 00217578
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: September 15, 2015  
Bate Stamp: 00217579 – 00217603
- D. Title: Memorandum for Record - LHAAP-18/24 Well Locations Recommended for 1,4-Dioxane Groundwater Sampling at Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: October 12, 2015  
Bate Stamp: 00217604 – 00217615
- E. Title: Report - Draft Final 1st Annual Remedial Action Operation Report for LHAAP-46, Plant 2 Area at Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 5, 2015  
Bate Stamp: 00217616 – 00236287

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2015

- F. Title: Memorandum for Record - Longhorn Sites and Well Locations Recommended for 1,4-Dioxane Groundwater Sampling in 2015, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 17, 2015  
Bate Stamp: 00236288 – 00236292
- G. Title: Report - Draft Final 1st Annual Remedial Action Operation Report (October 2013-October 2014) for LHAAP-35A (58) Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 20, 2015  
Bate Stamp: 00236293 – 00258573
- H. Title: Memorandum for File - Surface Water Data and Perimeter Well Data Transmittal 2 Q 2015, Longhorn Army Ammunition Plant, Karnack, TX  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 24, 2015  
Bate Stamp: 00258574 – 00259721
- I. Title: Memorandum for Record - Supplemental Post-Screening Investigation Work Plan for LHAAP-18/24 at Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: December 7, 2015  
Bate Stamp: 00259722 – 00259734

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VOLUME 1

2016

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: October 29, 2015  
Bate Stamp: 00259735 – 00259763
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: November 17, 2015  
Bate Stamp: 00259764 – 00259783
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: December 15, 2015  
Bate Stamp: 00259784 – 00259804
- D. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: January 21, 2016  
Bate Stamp: 00259805 – 00259823
- E. Title: Report – Final Updated Post-Screening Investigation Report for LHAAP-18/24 Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: February 11, 2016  
Bate Stamp: 00259824 – 00298168

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2016

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration  
Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: October 29, 2015  
Bate Stamp: 00298169 – 00298205
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration  
Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: January 21, 2016  
Bate Stamp: 00298206 – 00298239
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’  
Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: February 16, 2016  
Bate Stamp: 00298240 – 00298269
- D. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’  
Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: March 15, 2016  
Bate Stamp: 00298270 – 00298302
- E. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’  
Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: April 21, 2016  
Bate Stamp: 00298303 – 00298335

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2016

- F. Title: Report - Draft Final 2nd Annual Remedial Action Operation Report for LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: May 12, 2016  
Bate Stamp: 00298336 – 00312223
- G. Title: Report - Draft Final 2nd Annual Remedial Action Operation Report for LHAAP-46, Plant 2 Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: May 12, 2016  
Bate Stamp: 00312224 – 00321604
- H. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: May 12, 2016  
Bate Stamp: 00321605 – 00321626
- I. Title: Report - Final Remedial Action Completion Report, LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: June 7, 2016  
Bate Stamp: 00321627 – 00335576

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2016

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: April 21, 2016  
Bate Stamp: 00335577 – 00335620
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: June 16, 2016  
Bate Stamp: 00335621 – 00335659
- C. Title: Report - Draft Final 2015 Remedial Action Operation Report for LHAAP-12, Landfill 12, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: July 14, 2016  
Bate Stamp: 00335660 – 00335984
- D. Title: Report - Final Remedial Action Completion Report for LHAAP-67, Aboveground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: July 19, 2016  
Bate Stamp: 00335985 – 00339377
- E. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: July 21, 2016  
Bate Stamp: 00339378 – 00339410

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2016

- F. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: July 21, 2016  
Bate Stamp: 00339411 – 00339457
- G. Title: Report - Final Remedial Action Work Plan for LHAAP-35A (58), Shops Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: July 29, 2016  
Bate Stamp: 00339458 – 00339493
- H. Title: Report - Draft Final Remedial Investigation Addendum for LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: July 29, 2016  
Bate Stamp: 00339494 – 00357331
- I. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: August 16, 2016  
Bate Stamp: 00357331 – 00357383
- J. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: September 13, 2016  
Bate Stamp: 00357384 – 00357398

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VOLUME 3

2016

- K. Title: Report - Final Record of Decision, LHAAP-16, Landfill, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: September 19, 2016  
Bate Stamp: 00357399 – 00357539
- L. Title: Report - Final Record of Decision, LHAAP-001-R (South Test Area/Bomb Test Area) and LHAAP-003-R (Ground Signal Test Area), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: September 19, 2016  
Bate Stamp: 00357540 – 00357623
- M. Title: Report - Final Record of Decision, LHAAP-17, Burning Ground No. 2/Flashing Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Shaw Environmental, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: September 19, 2016  
Bate Stamp: 00357624 – 00357743
- N. Title: Report - Final Remedial Action Completion Report for LHAAP-35B (37), Chemical Laboratory, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 28, 2016  
Bate Stamp: 00357744 – 00361675
- O. Title: Notice of Deadlines and Target Dates for Post-ROD Primary and Secondary Documents for LHAAP-16, LHAAP-17, LHAAP-001-R and LHAAP-003-R, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: September 29, 2016  
Bate Stamp: 00361676 – 00361685



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VOLUME 3

2016

P. Title: Report - Draft Final 2012 Remedial Action Operation Report for LHAAP-12, Landfill 12, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 29, 2016  
Bate Stamp: 00361686 – 00362034

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VOLUME 4

2016

- A. Title: Report - Quarterly Evaluation Report, 3rd Qtr (July-September) 2012, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: April 5, 2013  
Bate Stamp: 00362035 – 00375655
- B. Title: Report - Quarterly Evaluation Report, 4th Qtr (October-December) 2012, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: June 7, 2013  
Bate Stamp: 00375656 – 00389340
- C. Title: Report - Quarterly Evaluation Report, 1st Qtr (January-March) 2013, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: August 18, 2013  
Bate Stamp: 00389341 – 00403508

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VOLUME 5

2016

- A. Title: Report - Quarterly Evaluation Report, 2<sup>nd</sup> Quarter (April – June) 2013, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: September 9, 2013
- Bate Stamp: 00403509 – 00417637
- 
- B. Title: Report - Quarterly Evaluation Report, 3<sup>rd</sup> Quarter (July – September) 2013, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: November 18, 2013
- Bate Stamp: 00417638 – 00435569

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VOLUME 6

2016

- A. Title: Report - Quarterly Evaluation Report, 4th Qtr (October-December) 2013, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: June 16, 2014
- Bate Stamp: 00435570 – 00452431
- 
- B. Title: Report - Quarterly Evaluation Report, 1st Qtr (January-March) 2014, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: August 11, 2014
- Bate Stamp: 00452432 – 00468800

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VOLUME 7

2016

- A. Title: Report - Quarterly Evaluation Report, 2nd Qtr (April-June) 2014,  
Groundwater Treatment Plant, Longhorn Army Ammunition Plant,  
Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: December 16, 2014
- Bate Stamp: 00468801 – 00494073

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VOLUME 8

2016

- A. Title: Report - Quarterly Evaluation Report, 3rd Qtr (July-September) 2014, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: December 16, 2014
- Bate Stamp: 00494074 – 00509620
- 
- B. Title: Report - Quarterly Evaluation Report, 4th Qtr (October-December) 2014, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: December 16, 2014
- Bate Stamp: 00509621 – 00539103

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VOLUME 9

2016

- A. Title: Report - Quarterly Evaluation Report, 1st Qtr (January-March) 2015, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: July 13, 2015
- Bate Stamp: 00539104 – 00555511
- 
- B. Title: Report - Quarterly Evaluation Report, 2nd Qtr (April-June) 2015, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: November 24, 2015
- Bate Stamp: 00555512 – 00578443

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VOLUME 10

2016

- A. Title: Report - Quarterly Evaluation Report, 3rd Qtr (July-September) 2015, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: February 16, 2016
- Bate Stamp: 00578444 – 00590961
- 
- B. Title: Report - Quarterly Evaluation Report, 4th Qtr (October-December) 2015, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: May 31, 2016
- Bate Stamp: 00590962 – 00594343



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VOLUME 11

2016

- A. Title: Memorandum for Record - Groundwater Sampling Methodology and Analytical Results for Year 1 (October 2015 and April 2016 Semi-Annual Events), LHAAP-02, Vacuum Truck Overnight Parking, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: October 27, 2016  
Bate Stamp: 00594344 – 00596530
- B. Title: Report - Quarterly Evaluation Report, 1st Qtr (January - March) 2016, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 6, 2016  
Bate Stamp: 00596531 – 00612063
- C. Title: Report - Draft Final 1st Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 17, 2016  
Bate Stamp: 00612064 – 00634054
- D. Title: Report - Draft Final Pre-Design Investigation Work Plan, LHAAP-17, Burning Ground No. 2/Flashing Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 29, 2016  
Bate Stamp: 00634055 – 00634103
- E. Title: Letter - Initial Notice of Land Use Controls for four environmental sites (LHAAP-16, LHAAP-17, LHAAP-001-R, LHAAP-003-R) at Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: December 8, 2016  
Bate Stamp: 00634104 – 00634138

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VOLUME 11

2016

- F. Title: Letter - Comprehensive Land Use Control Management Plan for FY 2016, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: December 12, 2016  
Bate Stamp: 00634139 – 00634143
- G. Title: Report - Draft Final Post-Screening Investigation Work Plan, LHAAP-47, Plant Area 3, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: December 14, 2016  
Bate Stamp: 00634144 – 00634171

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VOLUME 1

2017

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: October 20, 2016  
Bate Stamp: 00634172 – 00634272
- B. Title: Report - Draft Final 2nd Annual Remedial Action Operation Report for LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 17, 2016  
Bate Stamp: 00634273 – 00654336
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: November 17, 2016  
Bate Stamp: 00654337 – 00654357
- D. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: December 15, 2016  
Bate Stamp: 00654358 – 00654386
- E. Title: Report - Draft Final Supplemental to the Updated Post-Screening Investigation Report for LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: December 28, 2016  
Bate Stamp: 00654387 – 00692738

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2017

- F. Title: Report - Draft Final Remedial Design for LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: January 18, 2017  
Bate Stamp: 00692739 – 00692925
- G. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: January 19, 2017  
Bate Stamp: 00692926 – 00692950
- H. Title: Report - Final Revised Feasibility Study for LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: January 27, 2017  
Bate Stamp: 00692951 – 00731961
- I. Title: Report - Draft Final 1st Annual Remedial Action Operation Report for LHAAP-67, Above Ground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: January 31, 2017  
Bate Stamp: 00731962 – 00737041
- J. Title: Letter - Cessation of Perimeter Well Sampling Requirement of the December 2, 1999 Dispute Resolution, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: February 6, 2017  
Bate Stamp: 00737042 – 00737045

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2017

- K. Title: Memorandum for Record - Groundwater Sampling Methodology and Perchlorate Analytical Results for September 2016, LHAAP-003-R (Ground Signal Test Area), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: February 8, 2017  
Bate Stamp: 00737046 – 00737220
- L. Title: Report - Draft Final 2nd Annual Remedial Action Operation Report for LHAAP-67, Above Ground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: February 10, 2017  
Bate Stamp: 00737221 – 00740903
- M. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: February 23, 2017  
Bate Stamp: 00740904 – 00740931
- N. Title: Memorandum for Record - Groundwater Geochemistry Rebound Evaluation for LHAAP-35B(37), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: February 28, 2017  
Bate Stamp: 00740932 – 00741008
- O. Title: Report - Draft Final 3rd Annual Remedial Action Operation Report for LHAAP-46, Plant 2 Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: March 15, 2017  
Bate Stamp: 00741009 – 00746804

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P. Title: Report - Final Record of Decision, LHAAP-04, Longhorn Army  
Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: March 30, 2017  
Bate Stamp: 00746805 – 00746881

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VOLUME 2

2017

**Note: Volume 2, Year 2017 A, B and C are listed out of date in sequence and should have been inserted in Year 2013.**

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: July 16, 2013  
Bate Stamp: 00746882 – 00746887
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: August 28, 2013  
Bate Stamp: 00746888 – 00746893
- C. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: September 24, 2013  
Bate Stamp: 00746894 – 00746900
- D. Title: Report - Draft Final 2014 Remedial Action Operation Report for LHAAP-12, Landfill 12, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: August 12, 2015  
Bate Stamp: 00746901 – 00747381

**Note: Volume 2, Year 2017 D was originally included as Volume 3, Year 2015 H without laboratory reports.**

- E. Title: Report - Draft Final 2016 Remedial Action Operation Report for LHAAP-12, Landfill 12, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: July 13, 2016  
Bate Stamp: 00747382 – 00747685

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- F. Title: Report - FY2016 Installation Action Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: U.S. Environmental Protection Agency, Texas Commission on Environmental Quality  
Date: September 27, 2016  
Bate Stamp: 00747686 – 00747781
- G. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: October 20, 2016  
Bate Stamp: 00747782 – 00747812
- H. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: January 19, 2017  
Bate Stamp: 00747813 – 00747857
- I. Title: Letter - Concurrence of Record of Decision for LHAAP-04 , Former Pilot Wastewater Treatment Plant at Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Texas Commission on Environmental Quality  
Recipient: Army BRAC Office  
Date: February 7, 2017  
Bate Stamp: 00747858
- J. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: March 28, 2017  
Bate Stamp: 00747859 – 00747872



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2017

- K. Title: Report - Draft Final 3rd Annual Remedial Action Operation Report for LHAAP-67, Above Ground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: March 29, 2017
- Bate Stamp: 00747873 – 00750028
- 
- L. Title: Report - Quarterly Evaluation Report, 2nd Quarter (April-June) 2016, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas – Part 1
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: April 1, 2017
- Bate Stamp: 00750029 – 00750150

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VOLUME 3

2017

- A. Title: Report - Quarterly Evaluation Report, 2nd Quarter (April-June) 2016, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas – Part 2 (Appendix E)
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: April 1, 2017
- Bate Stamp: 00750151 – 00761256

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VOLUME 4

2017

- A. Title: Report - Quarterly Evaluation Report, 2nd Quarter (April-June) 2016,  
Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack,  
Texas – Part 3 (Appendix E)
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: April 1, 2017
- Bate Stamp: 00761257 – 00806714

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VOLUME 5

2017

- A. Title: Letter - Certificate of Completion for Remedial Action at LHAAP-35B (37), Chemical Laboratory, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Environmental Protection Agency  
Recipient: Army BRAC Office  
Date: April 19, 2017  
Bate Stamp: 00806715 – 00806716
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: April 27, 2017  
Bate Stamp: 00806717 – 00806729
- C. Title: Memorandum for Record - Removing Mercury from Parameter List for GWTP Effluent and Influent, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: Texas Commission on Environmental Quality  
Date: May 4, 2017  
Bate Stamp: 00806730 – 00806739
- D. Title: Memorandum for Record - Development of Proposed Discharge Limits for Perchlorate for the Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: Texas Commission on Environmental Quality  
Date: May 9, 2017  
Bate Stamp: 00806740 – 00806756
- E. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: May 18, 2017  
Bate Stamp: 00806757 – 00806778

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- F. Title: Letter - Initial Notice of Land Use Controls for LHAAP-04, Former Pilot Wastewater Treatment Plant at Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: June 26, 2017  
Bate Stamp: 00806779 – 00806807
- G. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: June 27, 2017  
Bate Stamp: 00806808 – 00806820
- H. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: July 27, 2017  
Bate Stamp: 00806821 – 00806836
- I. Title: Report - Quarterly Evaluation Report, 3rd Quarter (July-September) 2016, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: August 9, 2017  
Bate Stamp: 00806837 – 00821425

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VOLUME 6

2017

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Monthly Managers’ Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: August 17, 2017  
Bate Stamp: 00821426 – 00821467
- B. Title: Report - Draft Final Feasibility Study Addendum for LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: August 18, 2017  
Bate Stamp: 00821468 – 00821585
- C. Title: Report - Quarterly Evaluation Report, 4th Qtr (October - December) 2016, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: August 18, 2017  
Bate Stamp: 00821586 – 00833297
- D. Title: Report - Final Revised Sampling and Analysis Plan for Groundwater Treatment Plant and Well Fields, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 13, 2017  
Bate Stamp: 0833298 – 00833386

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VOLUME 1

2018

- A. Title: Approval Letter – Proposal for BioPlug Demonstration Pilot Study at LHAAP-35B(37), Chemical Laboratory, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Environmental Protection Agency  
Recipient: All Parties  
Date: June 1, 2011  
Bate Stamp: 00833387 – 00833390
- B. Title: Report – Final Bio Plug Study, Longhorn Army Ammunition Plan Site 35B (37), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Advanced Biosystems, LLC  
Recipient: U.S. Army  
Date: June 10, 2015  
Bate Stamp: 00833391 – 00833534
- C. Title: Report – Addendum 1 to the Final Report for the In Situ Microbial Reactor Enhanced Bioremediation Field Test  
Author(s): U.S. Army Aberdeen Test Center Recipient:  
Date: August 2015  
Bate Stamp: 00833535 – 00834176

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VOLUME 2

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- A. Title: Report (cont'd) – Addendum 1 to the Final Report for the In Situ Microbial Reactor Enhanced Bioremediation Field Test (Appendix D)  
Author(s): U.S. Army Aberdeen Test Center  
Recipient:  
Date: August 2015  
Bate Stamp: 00834177 – 00836026



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VOLUME 3

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- A. Title: Report (cont'd) – Addendum 1 to the Final Report for the In Situ Microbial Reactor Enhanced Bioremediation Field Test (Appendix D)  
Author(s): U.S. Army Aberdeen Test Center  
Recipient:  
Date: August 2015  
Bate Stamp: 00836027 – 00837876

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VOLUME 4

2018

- A. Title: Report (cont'd) – Addendum 1 to the Final Report for the In Situ Microbial Reactor Enhanced Bioremediation Field Test (Appendices D and E)  
Author(s): U.S. Army Aberdeen Test Center  
Recipient:  
Date: August 2015  
Bate Stamp: 00837877 – 00839726

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VOLUME 5

2018

- A. Title: Report (cont'd) – Addendum 1 to the Final Report for the In Situ Microbial Reactor Enhanced Bioremediation Field Test  
Author(s): U.S. Army Aberdeen Test Center  
Recipient:  
Date: August 2015  
Bate Stamp: 00839727 – 00840078
- B. Title: Letter of Transmittal – Surface Water Data Transmittal – 2016  
Author(s): Bhate Environmental & Infrastructure  
Recipient: U.S. Army Corps of Engineers  
Date: June 6, 2018  
Bate Stamp: 00840079 – 00841115

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VOLUME 6

2018

- A. Title: Report – Quarterly Evaluation Report, 1st Quarter (January-March) 2017,  
Groundwater Treatment Plant, Longhorn Army Ammunition Plant,  
Karnack, Texas
- Author(s): AECOM Technical Services, Inc.  
Recipient: U.S. Army Corps of Engineers  
Date: August 2017  
Bate Stamp: 00841116 – 00842965

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VOLUME 7

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 1st Quarter (January-March) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: August 2017
- Bate Stamp: 00842966 – 00844815

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VOLUME 8

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 1st Quarter (January-March) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: August 2017
- Bate Stamp: 00844816 – 00846665

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VOLUME 9

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 1st Quarter (January-March) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: August 2017
- Bate Stamp: 00846666 – 00848515

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VOLUME 10

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 1st Quarter (January-March) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: August 2017
- Bate Stamp: 00848516 – 00850365



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VOLUME 11

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 1st Quarter (January-March) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: August 2017
- Bate Stamp: 00850366 – 00852215

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VOLUME 12

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 1st Quarter (January-March) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: August 2017
- Bate Stamp: 00852216 – 00853062

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VOLUME 13

2018

- A. Title: Report – Quarterly Evaluation Report, 2<sup>nd</sup> Quarter (April-July) 2017,  
Groundwater Treatment Plant, Longhorn Army Ammunition Plant,  
Karnack, Texas
- Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 2017  
Bate Stamp: 00853063 – 00854912

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VOLUME 14

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 2<sup>nd</sup> Quarter (April-July) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: September 2017
- Bate Stamp: 00854913 – 00856762

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VOLUME 15

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 2<sup>nd</sup> Quarter (April-July) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: September 2017
- Bate Stamp: 00856763 – 00858612

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VOLUME 16

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 2<sup>nd</sup> Quarter (April-July) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: September 2017  
Bate Stamp: 00858613 – 00858846
- B. Title: Report – Quarterly Evaluation Report, 3<sup>rd</sup> Quarter (July-September) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): AECOM Technical Services  
Recipient: U.S. Army Corps of Engineers  
Date: November 2017  
Bate Stamp: 00858847 – 00860459

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VOLUME 17

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 3<sup>rd</sup> Quarter (July-September) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: November 2017
- Bate Stamp: 00860460 – 00862310

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VOLUME 18

2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 3<sup>rd</sup> Quarter (July-September) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): AECOM Technical Services
- Recipient: U.S. Army Corps of Engineers
- Date: November 2017
- Bate Stamp: 00862311 – 00863563



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VOLUME 19

2018

- A. Title: Meeting Minutes – Longhorn Army Ammunition Plant Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Parties  
Date: July 27, 2017  
Bate Stamp: 00863564 – 00863617
- B. Title: Meeting Minutes – Longhorn Army Ammunition Plant, Monthly Managers' Meeting Minutes  
Author(s): AECOM Technical Services  
Recipient: All Stakeholders  
Date: September 14, 2017  
Bate Stamp: 00863618 – 00863628
- C. Title: Report – Final Community Involvement Plan, Longhorn Army Ammunition Plant, Harrison County, Texas  
Author(s): U.S. Army Corps of Engineers/Dawson Technical, LLC  
Recipient: All Parties  
Date: August 2017  
Bate Stamp: 00863629 – 00863696
- D. Title: Meeting Minutes – Longhorn Army Ammunition Plant, Monthly Managers' Meeting Minutes  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Stakeholders  
Date: October 19, 2017  
Bate Stamp: 00863697 – 00863703
- E. Title: Meeting Minutes – Longhorn Army Ammunition Plant, Restoration Advisory Board (RAB) Meeting Minutes  
Author(s): Bhate Environment Associates, Inc.  
Recipient: All Parties  
Date: October 19, 2017  
Bate Stamp: 00863704 – 00863741

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VOLUME 19 (cont'd)

2018

- F. Title: Meeting Minutes – Longhorn Army Ammunition Plant, Monthly Managers' Meeting Minutes  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Stakeholders  
Date: November 16, 2017  
Bate Stamp: 00863742 – 00863747
- G. Title: Report – 2017 Comprehensive Land Use Control (LUC) Management Plan, Former Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): U.S. Army Corps of Engineers  
Recipient: All Stakeholders  
Date: November 28, 2017  
Bate Stamp: 00863748 – 00864165
- H. Title: Report – Surface Water Data Transmittal – 2017, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Stakeholders  
Date: March 22, 2018  
Bate Stamp: 00864166 – 00864621
- I. Title: Meeting Minutes – Longhorn Army Ammunition Plant, Monthly Managers' Meeting Minutes  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Stakeholders  
Date: December 13, 2017  
Bate Stamp: 00864622 – 00864634

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VOLUME 19 (cont'd)

2018

- J. Title: Report – Revised Final Remedial Action Work Plan Contingency  
Remedy for Western Plume LHAAP-35A(58), Shops Area, Group 4,  
Longhorn Army Ammunition Plant, Karnack, Texas, Revised January 2018  
Author(s): Bhate Environment Associates, Inc.  
Recipient: All Stakeholders  
Date: January 11, 2018  
Bate Stamp: 00864635 – 00864665
- K. Title: Meeting Minutes – Longhorn Army Ammunition Plant, Monthly Managers'  
Meeting Minutes  
Author(s): Bhate Environment Associates, Inc.  
Recipient: All Stakeholders  
Date: January 18, 2018  
Bate Stamp: 00864666 – 00864736
- L. Title: Meeting Minutes – Longhorn Army Ammunition Plant, Monthly Managers'  
Meeting Minutes  
Author(s): Bhate Environment Associates, Inc.  
Recipient: All Stakeholders  
Date: February 15, 2018  
Bate Stamp: 00864737 – 00864791
- M. Title: Longhorn Army Ammunition Plant (AAP) Administrative Record and  
Information Repository Clarified, Longhorn Army Ammunition Plant,  
Karnack, Texas  
Author(s): U.S. Army  
Recipient:  
Date: December 5, 2017  
Bate Stamp: 00864792 – 00864792

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VOLUME 20

2018

- A. Title: Final Meeting Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Parties  
Date: February 2018  
Bate Stamp: 00864793 – 00864820
- B. Title: Report - Draft Final 3<sup>rd</sup> Annual Remedial Action Operation Report (March to October 2016) LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, Revised March 2018  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Stakeholders  
Date: March 8, 2018  
Bate Stamp: 00864821 – 00866546

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VOLUME 21

2018

- A. Title: Report (cont'd) - Draft Final 3<sup>rd</sup> Annual Remedial Action Operation Report (March to October 2016) LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, Revised March 2018
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: All Stakeholders
- Date: March 8, 2018
- Bate Stamp: 00866547 – 00868396

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VOLUME 22

2018

- A. Title: Report (cont'd) - Draft Final 3<sup>rd</sup> Annual Remedial Action Operation Report (March to October 2016) LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, Revised March 2018  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Stakeholders  
Date: March 8, 2018  
Bate Stamp: 00868397 – 00870157
- B. Title: Final Meeting Minutes – Longhorn Army Ammunition Plant, Monthly Managers' Meeting Minutes (MMM), March 15, 2018  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Parties  
Date: April 19, 2018  
Bate Stamp: 00870158 – 00870196
- C. Title: Report – Final Explanation of Significant Differences Record of Decision (ROD) for Western Plume Contingency Remedy at LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Stakeholders  
Date: April 26, 2018  
Bate Stamp: 00870197 – 00870228

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VOLUME 23

2018

- A. Title: Report – Draft Quarterly Evaluation Report 4<sup>th</sup> Quarter (October - December) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U. S. Army Corps of Engineers
- Date: May 1, 2018
- Bate Stamp: 00870229 – 00872042

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VOLUME 24

2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report 4<sup>th</sup> Quarter (October - December) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U. S. Army Corps of Engineers  
Date: May 1, 2018  
Bate Stamp: 00872043 – 00873892



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VOLUME 25

2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report 4<sup>th</sup> Quarter (October - December) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U. S. Army Corps of Engineers
- Date: May 1, 2018
- Bate Stamp: 00873893 – 00875742

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VOLUME 26

2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report 4<sup>th</sup> Quarter (October - December) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U. S. Army Corps of Engineers
- Date: May 1, 2018
- Bate Stamp: 00875743 – 00877592

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VOLUME 27

2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report 4<sup>th</sup> Quarter (October - December) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U. S. Army Corps of Engineers
- Date: May 1, 2018
- Bate Stamp: 00877593 – 00879442

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VOLUME 28

2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report 4<sup>th</sup> Quarter (October - December) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U. S. Army Corps of Engineers
- Date: May 1, 2018
- Bate Stamp: 00879443 – 00881292

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VOLUME 29

2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report 4<sup>th</sup> Quarter (October - December) 2017, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U. S. Army Corps of Engineers  
Date: May 1, 2018  
Bate Stamp: 00881293 – 00881413
- B. Title: Final Meeting Minutes – Longhorn Army Ammunition Plant, Monthly Managers' Meeting Minutes  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Parties  
Date: May 9, 2018  
Bate Stamp: 00881414 – 00881445
- C. Title: Report – Final Land Use Control Remedial Design/Remedial Action Construction Report, LHAAP-001-R-01 and LHAAP-003-R-01, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Stakeholders  
Date: May 9, 2018  
Bate Stamp: 00881446 – 00881548
- D. Title: Report – Final Installation-Wide Work Plan for Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: Environmental Protection Agency  
Date: May 16, 2018  
Bate Stamp: 00881549 – 00882115

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VOLUME 30

2018

- A. Title: Letter – Letter to Regulator (TCEQ) – Draft April 2018 Explanation of Significant Differences, LHAAP-35A (58), Shops Area, Group 4, Record of Decision dated September 2010  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: April 5, 2018  
Bate Stamp: 00882116 – 00882116
- B. Title: Letter – Letter to Regulator (EPA) – Draft April 2018 Explanation of Significant Differences, LHAAP-35A (58), Shops Area, Group 4, Record of Decision dated September 2010  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: April 5, 2018  
Bate Stamp: 00882117 – 00882117
- C. Title: Letter – Letter to Regulator (TCEQ) – April 2018 Draft Final Revision 1, Record of Decision, LHAAP-03, Former Waste Collection Pad, Building 722-P Paint Shop  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: April 5, 2018  
Bate Stamp: 00882118 – 00882119
- D. Title: Letter – Letter to Regulator (EPA) – April 2018 Draft Final Revision 1, Record of Decision, LHAAP-03, Former Waste Collection Pad, Building 722-P Paint Shop  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: April 5, 2018  
Bate Stamp: 00882120 – 00882121
- E. Title: Report – Draft Final Remedial Action Work Plan, LHAAP-16 Landfill, Final Record of Decision September 2016  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: June 20, 2018  
Bate Stamp: 00882122 – 00882260

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VOLUME 30 (cont'd)

2018

- F. Title: Minutes – Final Minutes, Monthly Manager's Meeting (MMM), May 17, 2018  
Author(s): Department of the Army  
Recipient: All Parties  
Date: June 21, 2018  
Bate Stamp: 00882261 – 00882272
- G. Title: Report – Amendment of Class V Injection Well Inventory, Class V No. 5X2600464, Site LHAAP-16/LHAAP-18/24  
Author(s): Texas Commission on Environmental Quality  
Recipient: Texas Commission on Environmental Quality  
Date: June 22, 2018  
Bate Stamp: 00882273 – 00882513
- H. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, April 19, 2018  
Author(s): Department of the Army  
Recipient: All Parties  
Date: July 21, 2018  
Bate Stamp: 00882514 – 00882549
- I. Title: Minutes – Final Minutes, Monthly Manager's Meeting (MMM), June 19, 2018  
Author(s): Department of the Army  
Recipient: All Parties  
Date: July 23, 2018  
Bate Stamp: 00882550 – 00882565
- J. Title: Report – Draft Final, Remedial Action Work Plan, LHAAP-16 Landfill  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: July 24, 2018  
Bate Stamp: 00882566 – 00882704
- K. Title: Report – Draft Quarterly Evaluation Report 1st Quarter (January-March) 2018 Groundwater Treatment Plant  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: July 27, 2018  
Bate Stamp: 00882705 – 00883535

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VOLUME 31

2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report 1st Quarter (January-March) 2018 Groundwater Treatment Plant  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: July 27, 2018  
Bate Stamp: 00883536 – 00884375
- B. Title: Report – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00884376 – 00884597
- C. Title: Report (cont'd) – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank (LAB DATA)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00884598 – 00884901



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VOLUME 32

2018

- A. Title: Report (cont'd) – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank (LAB DATA)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00884902 – 00886471

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VOLUME 33

2018

- A. Title: Report (cont'd) – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank (LAB DATA)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00886472 – 00887899

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VOLUME 34

2018

- A. Title: Report (cont'd) – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank (LAB DATA)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00887900 – 00889355

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VOLUME 35

2018

- A. Title: Report (cont'd) – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank (LAB DATA)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00889356 – 00890789

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VOLUME 36

2018

- A. Title: Report (cont'd) – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank (LAB DATA)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00890790 – 00892289

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VOLUME 37

2018

- A. Title: Report (cont'd) – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank (LAB DATA)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00892290 – 00893761

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VOLUME 38

2018

- A. Title: Report (cont'd) – Draft Final, Third Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank (LAB DATA)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 14, 2018  
Bate Stamp: 00893762 – 00893824
- B. Title: Minutes – Final Minutes, Monthly Manager's Meeting (MMM), July 19, 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 21, 2018  
Bate Stamp: 00893825 – 00893835
- C. Title: Report – Final Technical Memorandum Semi-Annual Groundwater Sampling Methodology and Analytical Results for Year 1 (Oct 2015-Apr 2016), Year 2 (Oct 2016 & Apr 2017), and Year 3 (Nov 2017 & Apr 2018), Site LHAAP-02, Vacuum Truck and Overnight Parking  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: August 21, 2018  
Bate Stamp: 00893836 – 00895335

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VOLUME 39

2018

- A. Title: Report (cont'd) – Final Technical Memorandum Semi-Annual Groundwater Sampling Methodology and Analytical Results for Year 1 (Oct 2015-Apr 2016), Year 2 (Oct 2016 & Apr 2017), and Year 3 (Nov 2017 & Apr 2018), Site LHAAP-02, Vacuum Truck and Overnight Parking
- Author(s): Department of the Army
- Recipient: Texas Commission on Environmental Quality
- Date: August 21, 2018
- Bate Stamp: 00895336 – 00896633



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VOLUME 40

2018

- A. Title: Report (cont'd) – Final Technical Memorandum Semi-Annual Groundwater Sampling Methodology and Analytical Results for Year 1 (Oct 2015-Apr 2016), Year 2 (Oct 2016 & Apr 2017), and Year 3 (Nov 2017 & Apr 2018), Site LHAAP-02, Vacuum Truck and Overnight Parking  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: August 21, 2018  
Bate Stamp: 00896634 – 00897581
- B. Title: Letter – Letter to Regulator (EPA) Draft Revised Proposed Plan for LHAAP-29, Former TNT Production Area, Group 2, August 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 27, 2018  
Bate Stamp: 00897582 – 00897582
- C. Title: Letter – Letter to Regulator (TCEQ) Draft Revised Proposed Plan for LHAAP-29, Former TNT Production Area, Group 2, August 2018  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: August 27, 2018  
Bate Stamp: 00897583 – 00897583
- D. Title: Report – Draft Final Remedial Action Completion Report, Contingency Remedy for Western Plume LHAAP-35A (58), Shops Area, Group 4  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 27, 2018  
Bate Stamp: 00897584 – 00897899
- E. Title: Minutes – Final Minutes, Monthly Manager's Meeting (MMM), August 15, 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 29, 2018  
Bate Stamp: 00897900 – 00897935

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VOLUME 40 (cont'd)

2018

F. Title: Report – Environmental Condition of Property VII (ECP VII), August 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: August 31, 2018  
Bate Stamp: 00897936 – 00897992

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VOLUME 41

2018

A. Title: Report – Draft Final 2017 Remedial Action Operation Report, Landfill 12, LHAAP-12, Longhorn Army Ammunition Plant, Karnack, Texas, September 2018

Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: September 14, 2018  
Bate Stamp: 00897993 – 00898096

B. Title: Report – Draft Final Pre-Design Investigation Report, LHAAP-17 Burning Ground No. 2/Flashing Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, September 2018

Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: September 14, 2018  
Bate Stamp: 00898097 – 00899855

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VOLUME 42

2018

- A. Title: Report – Final Explanation of Significant Differences, LHAAP-35A (58), Shops Area, Group 4, Record of Decision dated September 2010, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: September 24, 2018  
Bate Stamp: 00899856 – 00899886
- B. Title: Report – Final Record of Decision, LHAAP-03, Former Waste Collection Pad, Building 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas, June 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: September 27, 2018  
Bate Stamp: 00899887 – 00899936
- C. Title: Report – Draft Quarterly Evaluation Report, 2nd Quarter (April–June) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: October 8, 2018  
Bate Stamp: 00899937 – 00901365

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2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report, 2nd Quarter (April–June) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: October 8, 2018
- Bate Stamp: 00901366 – 00903262

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2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report, 2nd Quarter (April–June) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: October 8, 2018
- Bate Stamp: 00903263 – 00905141

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VOLUME 45

2018

- A. Title: Report (cont'd) – Draft Quarterly Evaluation Report, 2nd Quarter (April–June) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: October 8, 2018  
Bate Stamp: 00905142 – 00906026
- B. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), 20 September 2018  
Author(s): Department of the Army  
Recipient: All Parties  
Date: October 15, 2018  
Bate Stamp: 00906027 – 00906038
- C. Title: Report – Comprehensive Land Use Control (LUC) Management Plan  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: October 15, 2018  
Bate Stamp: 00906039 – 00906477
- D. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant (LHAAP), July 19, 2018  
Author(s): Department of the Army  
Recipient: All Parties  
Date: October 18, 2018  
Bate Stamp: 00906478 – 00906518
- E. Title: Report – Draft Final 4th Annual Remedial Action Operations Report (November 2017 and June/July 2018), LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, October 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: October 23, 2018  
Bate Stamp: 00906519 – 00906718

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2018

- A. Title: Report (cont'd) – Draft Final 4th Annual Remedial Action Operations Report (November 2017 and June/July 2018), LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, October 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: October 23, 2018  
Bate Stamp: 00906719 – 00907708
- B. Title: Report – Draft Final Technical Memorandum – Pre-Excavation Sampling at LHAAP-03, Former Waste Collection Pad Building, 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas, October 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: October 24, 2018  
Bate Stamp: 00907709 – 00907731
- C. Title: Report – Final Installation-Wide Work Plan for Longhorn Army Ammunition Plant, Karnack, Texas, May 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: October 24, 2018  
Bate Stamp: 00907732 – 00908296
- D. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), 18 October 2018  
Author(s): Department of the Army  
Recipient: All Parties  
Date: October 30, 2018  
Bate Stamp: 00908297 – 00908313
- E. Title: Report – Final Revised Proposed Plan for LHAAP-29, Former TNT Production Area, Group 2  
Author(s): Department of the Army  
Recipient: All Parties  
Date: November 2, 2018  
Bate Stamp: 00908314 – 00908341



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- F. Title: Report – LHAAP-29 Fact Sheet, Former TNT Production Area  
Author(s): Department of the Army  
Recipient: All Parties  
Date: November 6, 2018  
Bate Stamp: 00908342 – 00908343
- G. Title: Report – Draft Final Technical Memorandum – Supplemental Groundwater Investigation at LHAAP-04, Longhorn Army Ammunition Plant, Karnack, Texas, November 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: November 15, 2018  
Bate Stamp: 00908344 – 00908366

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2018

- A. Title: Report – Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: December 5, 2018  
Bate Stamp: 00908367 – 00908563
- B. Title: Report – Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Lab Data, Longhorn Army Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: December 5, 2018  
Bate Stamp: 00908564 – 00909875

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2018

- A. Title: Report (cont'd) – Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Lab Data, Longhorn Army Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: December 5, 2018  
Bate Stamp: 00909876 – 00910711
- B. Title: Public Meeting – Transcript of December 6, 2018 Public Meeting for LHAAP-29 Final Revised Proposed Plan, Longhorn Army Ammunition Plant, Karnack, Texas, December 2018  
Author(s): U.S. Army  
Recipient: Public  
Date: December 6, 2018  
Bate Stamp: 00910712 – 00910732
- C. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), November 15, 2018  
Author(s): Department of the Army  
Recipient: All Parties  
Date: December 13, 2018  
Bate Stamp: 00910733 – 00910754
- D. Title: Report – Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-67 (Above Ground Storage Tank Farm), Longhorn Army Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: December 18, 2018  
Bate Stamp: 00910755 – 00910930
- E. Title: Report – Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-67 (Above Ground Storage Tank Farm), Lab Data, Longhorn Army Ammunition Plant (LHAAP), December 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: December 18, 2018  
Bate Stamp: 00910931 – 00911340

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- A. Title: Report (cont'd) – Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-67 (Above Ground Storage Tank Farm), Lab Data, Longhorn Army Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: December 18, 2018  
Bate Stamp: 00911341 – 00912749
- B. Title: Report – Quarterly Evaluation Report, 3rd Quarter (July–September) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: December 18, 2018  
Bate Stamp: 00912750 – 00912960

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2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 3rd Quarter  
(July–September) 2018, Groundwater Treatment Plant, Longhorn Army  
Ammunition Plant, Karnack, Texas, December 2018
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: December 18, 2018
- Bate Stamp: 00912961 – 00914506

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2018

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 3rd Quarter  
(July–September) 2018, Groundwater Treatment Plant, Longhorn Army  
Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: December 18, 2018  
Bate Stamp: 00914507 – 00915172
- B. Title: Transmittal Letter – Draft Remedial Design/Remedial Action Work Plan,  
LHAAP-17 Burning Ground No. 2 / Flashing Area, Group 2, Longhorn Army  
Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: December 27, 2018  
Bate Stamp: 00915173 – 00915173
- C. Title: Transmittal Letter – Draft Remedial Design/Remedial Action Work Plan,  
LHAAP-17 Burning Ground No. 2 / Flashing Area, Group 2, Longhorn Army  
Ammunition Plant, Karnack, Texas, December 2018  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: December 27, 2018  
Bate Stamp: 00915174 – 00915174

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VOLUME 1

2019

- A. Title: Report – Limited Groundwater Monitoring for Perchlorate at LHAAP-001-R-01 (South Test Area/Bomb Test Area), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: January 25, 2019  
Date Stamp: 00915175 – 00915648
- B. Title: Transmittal Letter – Draft Explanation of Significant Differences, Record of Decision Dated September 2010, Contingency Remedy at LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: February 7, 2019  
Date Stamp: 00915649 – 00915649
- C. Title: Transmittal Letter – Draft Explanation of Significant Differences, Record of Decision Dated September 2010, Contingency Remedy at LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: February 7, 2019  
Date Stamp: 00915650 – 00915650
- D. Title: Minutes – Final Minutes, Monthly Managers’ Meeting (MMM), Longhorn Army Ammunition Plant, Karnack, Texas, December 12, 2018  
Author(s): Department of the Army  
Recipient: All Parties  
Date: February 15, 2019  
Date Stamp: 00915651 – 00915659
- E. Title: Transmittal Letter – Draft Remedial Design/Remedial Action Work Plan, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: February 20, 2019  
Date Stamp: 00915660 – 00915660

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- F. Title: Transmittal Letter – Draft Remedial Design/Remedial Action Work Plan, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: February 20, 2019  
Bate Stamp: 00915661 – 00915661
- G. Title: Report – Final Technical Memorandum – Monitored Natural Attenuation Monitoring Parameters, Longhorn Army Ammunition Plant, Karnack, Texas, February 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: February 26, 2019  
Bate Stamp: 00915662 – 00915679
- H. Title: Report – Final Proposed Plan for LHAAP-18/24 Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas, February 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: February 26, 2019  
Bate Stamp: 00915680 – 00915710
- I. Title: Report – Longhorn Army Ammunition Plant, Army Cleanup Program, Final Installation Action Plan, February 26, 2019, Longhorn Army Ammunition Plant, Karnack, Texas (Note: FY 18)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality  
Date: February 26, 2019  
Bate Stamp: 00915711 – 00915772
- J. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), February 14, 2019, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: All Parties  
Date: February 27, 2019  
Bate Stamp: 00915773 – 00915814



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- K. Title: Transmittal Letter – Draft Proposed Plan for LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, October 2018, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: October 22, 2018  
Bate Stamp: 00915815 – 00915815
- L. Title: Transmittal Letter – Draft Proposed Plan for LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, October 2018, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: October 22, 2018  
Bate Stamp: 00915816 – 00915816
- M. Title: Report – Fact Sheet, LHAAP-18/24 Proposed Plan, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Public  
Date: March 5, 2019  
Bate Stamp: 00915817 – 00915820
- N. Title: Report – Draft Final Remedial Design and Remedial Action Work Plan, LHAAP-17, Burning Ground No. 2 / Flashing Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, March 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: March 7, 2018  
Bate Stamp: 00915821 – 00915990
- O. Title: Report – Draft Final Post Screening Investigation Report, LHAAP-47, Longhorn Army Ammunition Plant, Karnack, Texas, March 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: March 18, 2019  
Bate Stamp: 00915991 – 00916344

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VOLUME 2

2019

- A. Title: Report – Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-46, (Plant 2 Area), Longhorn Army Ammunition Plant, Karnack, Texas, March 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: March 19, 2019  
Bate Stamp: 00916345 – 00917760

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VOLUME 3

2019

- A. Title: Report (cont'd) – Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-46, (Plant 2 Area), Longhorn Army Ammunition Plant, Karnack, Texas, March 2019
- Author(s): Department of the Army
- Recipient: Environmental Protection Agency
- Date: March 19, 2019
- Bate Stamp: 00917761 – 00919349

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VOLUME 4

2019

- A. Title: Report – Draft Final First Annual Remedial Action Operation Report, LHAAP-35B (37), (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, March 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: March 21, 2019  
Bate Stamp: 00919350 – 00920167
- B. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), March 14, 2019, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: All Parties  
Date: March 27, 2019  
Bate Stamp: 00920168 – 00920182
- C. Title: Report – Final Year 1 Long-Term Management Report for LHAAP-001-R-01 and LHAAP-003-R-01, Longhorn Army Ammunition Plant, Karnack, Texas, March 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: March 27, 2019  
Bate Stamp: 00920183 – 00920216

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VOLUME 5

2019

- A. Title: Transmittal Letter – Draft Explanation of Significant Differences, Record of Decision Dated September 2010, Contingency Remedy at LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, February 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: April 18, 2019  
Date Stamp: 00920217 – 00920217
- B. Title: Transmittal Letter – Draft Explanation of Significant Differences, Record of Decision Dated September 2010, Contingency Remedy at LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, February 2019  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: April 18, 2019  
Bate Stamp: 00920218 – 00920218
- C. Title: Transmittal Letter – Draft Record of Decision, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: April 24, 2019  
Date Stamp: 00920219 – 00920219
- D. Title: Transmittal Letter – Draft Record of Decision, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: April 24, 2019  
Bate Stamp: 00920220 – 00920220
- E. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, October 18, 2018, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: All Parties  
Date: April 25, 2019  
Bate Stamp: 00920221 – 00920265

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VOLUME 5 (cont'd)

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- F. Title: Minutes – Transcript of April 25, 2019, Public Meeting for LHAAP-18/24 Proposed Plan, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Public  
Date: April 25, 2019  
Bate Stamp: 00920266 – 00920276
- G. Title: Report – Final Remedial Design and Remedial Action Work Plan, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: May 3, 2019  
Bate Stamp: 00920277 – 00920407
- H. Title: Report – Final Five Year Review Report, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: May 15, 2019  
Bate Stamp: 00920408 – 00920847

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2019

- A. Title: (cont'd) Report – Final Five Year Review Report, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: May 15, 2019  
Bate Stamp: 00920848 – 00921368
- B. Title: Transmittal Letter – Draft Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: May 16, 2019  
Bate Stamp: 00921369 – 00921369
- C. Title: Transmittal Letter – Draft Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: May 16, 2019  
Bate Stamp: 00921370 – 00921370
- D. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), 25 April 2019, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: All Parties  
Date: May 17, 2019  
Bate Stamp: 00921371 – 00921406
- E. Title: Transmittal Letter – Draft Remedial Design/Remedial Action Work Plan, LHAAP-03, Former Waste Collection Pad, Building 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency  
Date: May 17, 2019  
Bate Stamp: 00921407 – 00921407

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- F. Title: Transmittal Letter – Draft Remedial Design/Remedial Action Work Plan, LHAAP-03, Former Waste Collection Pad, Building 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas, March 2019  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: May 28, 2019  
Bate Stamp: 00921408 – 00921408
- G. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), 16 May 2019  
Longhorn Army Ammunition Plant, Karnack, Texas  
Author(s): Department of the Army  
Recipient: All Parties  
Date: May 28, 2019  
Bate Stamp: 00921409 – 00921419



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2019

- A. Title: Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2019
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: June 20, 2019
- Bate Stamp: 00921420 – 00922871

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2019

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2019
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: June 20, 2019
- Bate Stamp: 00922872 – 00924393

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VOLUME 9

2019

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2019
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: June 20, 2019
- Bate Stamp: 00924394 – 00925901

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2019

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2019
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: June 20, 2019
- Bate Stamp: 00925902 – 00927453

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2019

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2019
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: June 20, 2019
- Bate Stamp: 00927454 – 00928895

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2019

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2019
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: June 20, 2019
- Bate Stamp: 00928896 – 00930469

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2019

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2019
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: June 20, 2019
- Bate Stamp: 00930470 – 00932033

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2019

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2018, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2019
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers, Tulsa District
- Date: June 20, 2019
- Bate Stamp: 00932034 – 00933747



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2019

- A. Title: Report – Final Remedial Design / Remedial Action Work Plan LHAAP-03  
Former Waste Collection Pad, Building 722-P Paint Shop  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency and Texas Commission on  
Environmental Quality  
Date: July 10, 2019  
Date Stamp: 00933748 – 00933895
- B. Title: Report – Draft Final 2018 Remedial Action Operation Report, Landfill 12  
(LHAAP-12)  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency and Texas Commission on  
Environmental Quality  
Date: July 11, 2019  
Date Stamp: 00933896 – 00934207
- C. Title: Minutes – Final Minutes, Monthly Managers' Meeting, June 20, 2019  
Author(s): Department of the Army  
Recipient: All Parties  
Date: July 15, 2019  
Date Stamp: 00934208 – 00934222
- D. Title: Report – Quarterly Evaluation Report, 1st Quarter (January–March) 2019,  
Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack,  
Texas, July 2019  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: July 19, 2019  
Date Stamp: 00934223 – 00935045

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- A. Title: (cont'd) Report – Quarterly Evaluation Report, 1st Quarter (January–  
March) 2019, Groundwater Treatment Plant, Longhorn Army Ammunition  
Plant, Karnack, Texas, July 2019  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: July 19, 2019  
Bate Stamp: 00935046 – 00936355

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2019

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 1st Quarter (January–March) 2019, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, July 2019  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: U.S. Army Corps of Engineers, Tulsa District  
Date: July 19, 2019  
Bate Stamp: 00936356 – 00936376
- B. Title: Minutes – Final Minutes Quarterly Restoration Advisory Board Meeting, April 25, 2019  
Author(s): Bhate Environmental Associates, Inc.  
Recipient: All Parties  
Date: July 25, 2019  
Bate Stamp: 00936377 – 00936418
- C. Title: Report – Draft Final Addendum Post-Screening Investigation Report, LHAAP-47  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality  
Date: July 30, 2019  
Bate Stamp: 00936419 – 00936902
- D. Title: Report – August 2019 Underground Injection Control Substantive Requirements Notification for Remedy at LHAAP-04  
Author(s): Department of the Army  
Recipient: Texas Commission on Environmental Quality  
Date: August 1, 2019  
Bate Stamp: 00936903 – 00936995
- E. Title: Minutes – Final Minutes, Monthly Managers' Meeting, July 25, 2019  
Author(s): Department of the Army  
Recipient: All Parties  
Date: August 27, 2019  
Bate Stamp: 00936996 – 00937022

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- F. Title: Minutes – Final Minutes, Monthly Manager's Meeting, August 21, 2019  
Author(s): Department of the Army  
Recipient: All Parties  
Date: August 27, 2019  
Bate Stamp: 00937023 – 00937047
- G. Title: Report – Final Explanation of Significant Differences, Record of Decision for Contingency Remedy at LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, July 2019  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality  
Date: September 13, 2019  
Bate Stamp: 00937048 – 00937075
- H. Title: Report – Final Record of Decision, LHAAP-29, Former TNT Production Area, Group 2  
Author(s): Department of the Army  
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality  
Date: September 26, 2019  
Bate Stamp: 00937076 – 00937224