

LONGHORN ARMY AMMUNITION PLANT KARNACK, TEXAS

ADMINISTRATIVE RECORD

CHRONOLOGICAL INDEX

Bate Stamp Numbers

000001 – 01177558

Prepared for

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

1976–2023

**LONGHORN ARMY AMMUNITION PLANT
KARNACK, TEXAS
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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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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

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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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1992

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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KARNACK, TEXAS
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- 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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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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KARNACK, TEXAS
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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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- 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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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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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): Robert W. Bringman, Lieutenant Colonel, U.S. Army
Recipient: Ms. Lisa M. Price, Environmental Protection Agency
Date: December 1, 1992
Bate Stamp: 005613 - 005614

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- 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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Recipient: Lisa Marie Price, Remedial Project Manager, Superfund Texas Enforcement
Date: April 1, 1993
Bate Stamp: 005764 - 005765

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**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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- 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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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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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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- 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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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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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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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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- 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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- 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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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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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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- 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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- 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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- 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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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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- 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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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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**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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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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**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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- 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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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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**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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- 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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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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**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 Sum,ps, 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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- 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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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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- 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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- 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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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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- 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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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 - 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): 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 - 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): 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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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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1995

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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1995

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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1995

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 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): 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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1995

- 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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1995

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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1995

- 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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1995

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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1995

- 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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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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- 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): 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: 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): 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

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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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- 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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- 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 DERPMIS/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: SIOH-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
Authors(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
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 12, 1996
Bate Stamp: 017988

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- R. Title: Letter - Subject: Longhorn Army Ammunition Plant, Final DERPMIS/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
Authors(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

**LONGHORN ARMY AMMUNITION PLANT
KARNACK, TEXAS
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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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KARNACK, TEXAS
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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
Site(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
Site(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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KARNACK, TEXAS
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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
Sites(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
Sites(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
Sites(s): 16 (Old Landfill)
Location: Longhorn Army Ammunition Plant

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KARNACK, TEXAS
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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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KARNACK, TEXAS
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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
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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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Attaches: 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)
Attaches: EPA's Comments on this report
Group(s): I
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): I
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): I
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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- Group(s): Longhorn Army Ammunition Plant
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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- 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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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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- 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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- 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

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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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- 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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- 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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- 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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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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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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- 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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VOLUME 1 of 4

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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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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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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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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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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VOLUME 2 of 7 (continued)

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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VOLUME 3 of 7 (continued)

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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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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VOLUME 7 of 7

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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VOLUME 1 of 5

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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VOLUME 3 of 5

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: 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

August 10, 2006

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VOLUME 5 of 5 Continued

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

November 8, 2006

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2006

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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- 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 DERPMIS/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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- 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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- 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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2008

- 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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2008

- 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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2010

- 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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2010

- 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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2010

- 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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2010

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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2010

- 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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2010

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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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: 00091097–00091772

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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: 00091773 – 00092751

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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: 00092752--00093765

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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: 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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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: 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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2010

- 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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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: 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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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): Ettl 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-Built 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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2012

- 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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2013

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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2013

- 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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2013

- 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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2013

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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2013

- 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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2013

- 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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2013

- 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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2013

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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VOLUME 6 of 8

2013

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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2013

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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2013

- 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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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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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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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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- 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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- 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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- 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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- 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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- 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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- 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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- 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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- 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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- 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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- 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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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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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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2016

- A. Title: Report - Quarterly Evaluation Report, 2nd 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, 3rd 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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- 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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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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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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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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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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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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VOLUME 1

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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VOLUME 1

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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2017

- 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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VOLUME 5

2017

- 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

2018

- 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

2018

- 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, 2nd 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, 2nd 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, 2nd 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, 2nd 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, 3rd 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, 3rd 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, 3rd 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 3rd 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 3rd 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 3rd 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 4th 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 4th 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 4th 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 4th 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 4th 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 4th 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 4th 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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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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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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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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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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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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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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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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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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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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- 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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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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- 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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- 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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- 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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VOLUME 47

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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- 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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VOLUME 49

2018

- 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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VOLUME 50

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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VOLUME 51

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
Bate 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
Bate 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
Bate 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
Bate 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
Bate Stamp: 00915660 – 00915660

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VOLUME 1 (cont'd)

2019

- 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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VOLUME 1 (cont'd)

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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
Bate 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
Bate 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)

2019

- 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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VOLUME 6

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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VOLUME 6 (cont'd)

2019

- 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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VOLUME 7

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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VOLUME 8

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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VOLUME 11

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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VOLUME 12

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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VOLUME 13

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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VOLUME 14

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

LONGHORN ARMY AMMUNITION PLANT
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VOLUME 15

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
Bate 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
Bate 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
Bate 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
Bate Stamp: 00934223 – 00935045

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VOLUME 16

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: 00935046 – 00936355

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VOLUME 17

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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VOLUME 17 (continued)

2019

- 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

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VOLUME 18

2019

- A. Title: Transmittal Letter – Draft Record of Decision for LHAAP-29, Former TNT Production Area, Group 2, April 2019, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency
Date: April 24, 2019
Bate Stamp: 00937225 – 00937225
- B. Title: Transmittal Letter – Draft Record of Decision for LHAAP-29, Former TNT Production Area, Group 2, April 2019, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: April 24, 2019
Bate Stamp: 00937226 – 00937226
- C. Title: Transmittal Letter – Draft Record of Decision for LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, September 2019, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency
Date: September 6, 2019
Bate Stamp: 00937227 – 00937227
- D. Title: Transmittal Letter – Draft Record of Decision for LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, September 2019, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: September 6, 2019
Bate Stamp: 00937228 – 00937228
- E. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), September 18, 2019
Author(s): Department of the Army
Recipient: All Parties
Date: October 9, 2019
Bate Stamp: 00937229 – 00937241

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VOLUME 18 (cont'd)

2019

- F. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant (LHAAP), July 25, 2019
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: October 27, 2019
Bate Stamp: 00937242 – 00937281
- G. Title: Report – Draft Final Year 2 Long-Term Management Report for LHAAP-001-R-01 and LHAAP-003-R-01, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Bhate Environmental Associates, Inc.
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: October 30, 2019
Bate Stamp: 00937282 – 00937313
- H. Title: Transmittal Letter – Draft Remedial Design/Remedial Action Work Plan, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, October 2019
Author(s): Department of the Army
Recipient: Environmental Protection Agency
Date: October 31, 2019
Bate Stamp: 00937314 – 00937314
- I. Title: Transmittal Letter – Draft Remedial Design/Remedial Action Work Plan, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, October 2019
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: October 31, 2019
Bate Stamp: 00937315 – 00937315
- J. Title: Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2019 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: November 4, 2019
Bate Stamp: 00937316 – 00939025

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VOLUME 19

2019

A. Title: Report (cont'd) – Quarterly Evaluation Report, 2nd Quarter
(April–June) 2019 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: November 4, 2019
Bate Stamp: 00939026 – 00940880

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VOLUME 20

2019

A. Title: Report (cont'd) – Quarterly Evaluation Report, 2nd Quarter
(April–June) 2019 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: November 4, 2019
Bate Stamp: 00940881 – 00942726

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2019

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 2nd Quarter
(April–June) 2019 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: November 4, 2019
Bate Stamp: 00942727 – 00942999
- B. Title: Transmittal Letter – FY2019 Update of the Comprehensive Land Use
Control (LUC) Management Plan, Longhorn Army Ammunition Plant,
Karnack, Texas, October 4, 2019
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: November 14, 2019
Bate Stamp: 00943000 – 00943001
- C. Title: Report – FY2019 Update of the Comprehensive Land Use Control (LUC)
Management Plan, Longhorn Army Ammunition Plant, Karnack, Texas,
October 4, 2019
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: November 14, 2019
Bate Stamp: 00943002 – 00943477
- D. Title: Minutes – Final Minutes, Monthly Managers' Meeting (MMM), Longhorn
Army Ammunition Plant (LHAAP) October 23, 2019
Author(s): Department of the Army
Recipient: All Parties
Date: November 19, 2019
Bate Stamp: 00943478 – 00943508
- E. Title: Minutes – Draft Final Minutes, Quarterly Restoration Advisory Board (RAB)
Meeting, Longhorn Army Ammunition Plant (LHAAP), October 23, 2019
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: November 20, 2019
Bate Stamp: 00943509 – 00943550

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2019

F. Title: Report – Draft Final Year 5 Annual Remedial Action Operation Report
(September 2018–August 2019), LHAAP-35A (58) Shops Area, Longhorn
Army Ammunition Plant, Karnack, Texas
Author(s): Bhate Environmental Associates, Inc.
Recipient: Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: December 5, 2019
Bate Stamp: 00943551 – 00944492

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VOLUME 22

2019

A. Title: Report (cont'd) – Draft Final Year 5 Annual Remedial Action Operation Report (September 2018–August 2019), LHAAP-35A (58) Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Bhate Environmental Associates, Inc.
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 5, 2019
Bate Stamp: 00944493 – 00946402

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VOLUME 23

2019

A. Title: Report (cont'd) – Draft Final Year 5 Annual Remedial Action Operation Report (September 2018–August 2019), LHAAP-35A (58) Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Bhate Environmental Associates, Inc.
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 5, 2019
Bate Stamp: 00946403 – 00948288

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2019

- A. Title: Report (cont'd) – Draft Final Year 5 Annual Remedial Action Operation Report (September 2018–August 2019), LHAAP-35A (58) Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Bhate Environmental Associates, Inc.
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 5, 2019
Bate Stamp: 00948289 – 00949900
- B. Title: Report – Draft Final Remedial Design/Remedial Action Work Plan, Contingency Remedy, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, December 2019
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 26, 2019
Bate Stamp: 00949901 – 00949986

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VOLUME 1

2020

A. Title: Report – Quarterly Evaluation Report, 3rd Quarter (July – September)
2019 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: December 17, 2019
Bate Stamp: 00949987 – 00951821

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VOLUME 2

2020

- A. Title: Report (cont'd) – Quarterly Evaluation Report, 3rd Quarter (July – September) 2019 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: December 17, 2019
Bate Stamp: 00951822 – 00953386
- B. Title: Report – Surface Water Data Transmittal - 2019, Longhorn Army Ammunition Plant, Karnack, TX
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 7, 2020
Bate Stamp: 00953387 – 00953696

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VOLUME 3

2020

- A. Title: Report (cont'd) – Surface Water Data Transmittal - 2019, Longhorn Army Ammunition Plant, Karnack, TX
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 7, 2020
Bate Stamp: 00953697 – 00953922
- B. Title: Minutes – Final Monthly Manager's Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), November 20, 2019
Author(s): Department of the Army
Recipient: All Parties
Date: January 7, 2020
Bate Stamp: 00953923 – 00953945
- C. Title: Minutes – Final Monthly Manager's Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), December 18, 2019
Author(s): Department of the Army
Recipient: All Parties
Date: January 13, 2020
Bate Stamp: 00953946 – 00953975
- D. Title: Minutes – Final Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant (LHAAP), October 23, 2019
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: January 17, 2020
Bate Stamp: 00953976 – 00954017
- E. Title: Minutes – Final Monthly Manager's Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), January 16, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: January 30, 2020
Bate Stamp: 00954018 – 00954025

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VOLUME 3 (cont'd)

2020

- F. Title: Report – February 2020 Underground Injection Control Substantive Requirements Notification for Contingency Remedy at LHAAP-50, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: February 5, 2020
Bate Stamp: 00954026 – 00954204
- G. Title: Report – Final LHAAP-18/24 Record of Decision, December 2019, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and U.S. Army Corps of Engineers, Tulsa District
Date: March 2, 2020
Bate Stamp: 00954205 – 00954340
- H. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), February 20, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: March 3, 2020
Bate Stamp: 00954341 – 00954379
- I. Title: Report – Final Fifth Annual Remedial Action Operation Report, LHAAP-67, Aboveground Storage Tank Farm, Longhorn Army Ammunition Plant, Karnack, Texas, March 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 3, 2020
Bate Stamp: 00954380 – 00955036
- J. Title: Transmittal Letter – Draft Second Annual Remedial Action Operation Report, LHAAP-35B (37), Chemical Laboratory, Longhorn Army Ammunition Plant, Karnack, Texas, March 2020
Author(s): All Parties
Recipient: U.S. Environmental Protection Agency
Date: March 17, 2020
Bate Stamp: 00955037– 00955037

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- K. Title: Transmittal Letter – Draft Second Annual Remedial Action Operation Report, LHAAP-35B (37), Chemical Laboratory, Longhorn Army Ammunition Plant, Karnack, Texas, March 2020
 Author(s): Department of the Army
 Recipient: Texas Commission on Environmental Quality
 Date: March 17, 2020
 Bate Stamp: 00955038 – 00955038
- L. Title: Letter – Request for Schedule Extension for LHAAP-47
 Author(s): Department of the Army
 Recipient: U.S. Environmental Protection Agency
 Date: March 25, 2020
 Bate Stamp: 00955039 – 00955040
- M. Title: Letter – Request for Schedule Extension for LHAAP-47
 Author(s): Department of the Army
 Recipient: Texas Commission on Environmental Quality
 Date: March 25, 2020
 Bate Stamp: 00955041 – 00955042

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2020

- A. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army
 Ammunition Plant (LHAAP), March 31, 2020
 Author(s): Department of the Army
 Recipient: All Parties
 Date: April 13, 2020
 Bate Stamp: 00955043 – 00955066
- B. Title: Report – Final Second Annual Remedial Action Operation Report,
 LHAAP-35B (37), Chemical Laboratory, Longhorn Army Ammunition Plant,
 Karnack, Texas, April 2020
 Author(s): Department of the Army
 Recipient: U.S. Environmental Protection Agency and Texas Commission on
 Environmental Quality
 Date: April 21, 2020
 Bate Stamp: 00955067 – 00956793

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- A. Title: (cont'd) Report – Final Second Annual Remedial Action Operation Report, LHAAP-35B (37), Chemical Laboratory, Longhorn Army Ammunition Plant, Karnack, Texas, April 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 21, 2020
Bate Stamp: 00956794 – 00957241
- B. Title: Report – Quarterly Evaluation Report 4th Quarter (October-December) 2019 Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers – Tulsa District
Date: April 21, 2020
Bate Stamp: 00957242 – 00958707

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2020

- A. Title: (cont'd) Report – Quarterly Evaluation Report 4th Quarter (October-December) 2019 Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers – Tulsa District
Date: April 21, 2020
Bate Stamp: 00958708 – 00958969
- B. Title: Report – Appendix F to Quarterly Evaluation Report 4th Quarter (October-December) 2019 Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 21, 2020
Bate Stamp: 00958970 – 00960606

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- A. Title: (cont'd) Report – Appendix F to Quarterly Evaluation Report 4th Quarter (October-December) 2019 Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 21, 2020
Bate Stamp: 00960607 – 00962439
- B. Title: Report – Final Year 3 Long-Term Management Report for LHAAP-001-R-01 and LHAAP-003-R-01, Longhorn Army Ammunition Plant, April 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 29, 2020
Bate Stamp: 00962440 – 00962473
- C. Title: Report – Final Post Screening Investigation Addendum No. 2 Work Plan Addendum, LHAAP-47 Building 46A, Plant 3 Area, Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas, May 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: May 6, 2020
Bate Stamp: 00962474 – 00962495
- D. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), April 22, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: May 19, 2020
Bate Stamp: 00962496 – 00962507

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2020

- A. Title: Report – Final Fifth Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 4, 2020
Bate Stamp: 00962508 – 00962777
- B. Title: (cont'd) Report – Appendix D to Final Fifth Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 4, 2020
Bate Stamp: 00962778 – 00964346

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2020

A. Title: (cont'd) Report – Appendix D to Final Fifth Annual Remedial Action
Operation Report, LHAAP-50, Former Sump Water Tank, Longhorn Army
Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: June 4, 2020
Bate Stamp: 00964347 – 00966318

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2020

A. Title: (cont'd) Report – Appendix D to Final Fifth Annual Remedial Action
Operation Report, LHAAP-50, Former Sump Water Tank, Longhorn Army
Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: June 4, 2020
Bate Stamp: 00966319 – 00968275

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2020

- A. Title: Report – Quarterly Evaluation Report, 1st Quarter (January-March) 2020 Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 9, 2020
Bate Stamp: 00968276 – 00968529
- B. Title: (cont'd) Report – Appendix C to Quarterly Evaluation Report, 1st Quarter (January-March) 2020 Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 9, 2020
Bate Stamp: 00968530 – 00970242

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2020

- A. Title: (cont'd) Report – Appendix C to Quarterly Evaluation Report, 1st Quarter (January-March) 2020 Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 9, 2020
Bate Stamp: 00970243 – 00971020
- B. Title: Transmittal Letter – Draft Fifth Annual Remedial Action Operation Report, LHAAP-46 (Plant 2 Area), Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: June 10, 2020
Bate Stamp: 00971021 – 00971021
- C. Title: Transmittal Letter – Draft Fifth Annual Remedial Action Operation Report, LHAAP-46 (Plant 2 Area), Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: June 10, 2020
Bate Stamp: 00971022 – 00971022
- D. Title: Transmittal Letter – Draft 2019 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: June 18, 2020
Bate Stamp: 00971023 – 00971023
- E. Title: Transmittal Letter – Draft 2019 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas, June 2020
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: June 18, 2020
Bate Stamp: 00971024 – 00971024

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VOLUME 12 (cont'd)

2020

F. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army
 Ammunition Plant (LHAAP), May 20, 2020
 Author(s): Department of the Army
 Recipient: All Parties
 Date: June 24, 2020
 Bate Stamp: 00971025 – 00971049

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2020

- A. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), June 24, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: July 15, 2020
Bate Stamp: 00971050 – 00971066
- B. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant (LHAAP), January 16, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: July 17, 2020
Bate Stamp: 00971067 – 00971113
- C. Title: Report – Draft Final Fifth Annual Remedial Action Operation Report, LHAAP-46 (Plant 2 Area), Longhorn Army Ammunition Plant, Karnack, Texas, July 2020
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: July 23, 2020
Bate Stamp: 00971114 – 00972424
- D. Title: Report – Final 2019 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas, July 2020
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: July 24, 2020
Bate Stamp: 00972425 – 00972650

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2020

- A. Title: (cont'd) Report – Final 2019 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas, July 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: July 24, 2020
Bate Stamp: 00972651 – 00972807
- B. Title: Transmittal Letter – Draft Remedial Action Completion Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, July 2020
Author(s): Department of the Army
Recipient: Environmental Protection Agency
Date: July 29, 2020
Bate Stamp: 00972808 – 00972808
- C. Title: Transmittal Letter – Draft Remedial Action Completion Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, July 2020
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: July 29, 2020
Bate Stamp: 00972809 – 00972809
- D. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), July 15, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: July 29, 2020
Bate Stamp: 00972810 – 00972825
- E. Title: Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00972826 – 00974347

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2020

- A. Title: (cont'd) Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00974348 – 00974789
- B. Title: (8a.) Appendix F to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00974790 – 00976061

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- A. Title: (8a. cont'd) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00976062 – 00977090
- B. Title: (8b.) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00977091 – 00977892

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- A. Title: (8b. cont'd) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00977893 – 00978197
- B. Title: (8c.) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00978198 – 00978921
- C. Title: (8d.) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00978922 – 00979681

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- A. Title: (8d. cont'd) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00979682 – 00980093
- B. Title: (8e.) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00980094 – 00980902
- C. Title: (8f.) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00980903 – 00981424

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- A. Title: (8f. cont'd) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00981425 – 00982013
- B. Title: (8g.) Appendix F (cont'd) to Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2020 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: August 27, 2020
Bate Stamp: 00982014 – 00983054
- C. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), August 19, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: August 31, 2020
Bate Stamp: 00983055 – 00983086
- D. Title: Transmittal Letter – Draft Remedial Action Completion Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, September 2020
Author(s): Department of the Army
Recipient: Environmental Protection Agency
Date: September 2, 2020
Bate Stamp: 00983087 – 00983087
- E. Title: Transmittal Letter – Draft Remedial Action Completion Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, September 2020
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: September 2, 2020
Bate Stamp: 00983088 – 00983088

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- F. Title: Transmittal Letter – Draft Remedial Action Completion Report for Contingency Remedy, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, September 2020
Author(s): Department of the Army
Recipient: Environmental Protection Agency
Date: September 16, 2020
Bate Stamp: 00983089 – 00983089
- G. Title: Transmittal Letter – Draft Remedial Action Completion Report for Contingency Remedy, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, September 2020
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: September 16, 2020
Bate Stamp: 00983090 – 00983090
- H. Title: Log – Comprehensive LUC & Notification Management Plan Revision Log, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: All Parties
Date: September 17, 2020
Bate Stamp: 00983091 – 00983092
- I. Title: Report – Final Sixth Annual Remedial Action Operation Report, LHAAP-67 (Aboveground Storage Tank Farm), Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: September 30, 2020
Bate Stamp: 00983093 – 00983139

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2020

A. Title: (cont'd) Report – Final Sixth Annual Remedial Action Operation Report,
LHAAP-67 (Aboveground Storage Tank Farm), Longhorn Army
Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: September 30, 2020
Bate Stamp: 00983140 – 00984379

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2020

Note: Volume 21, Year 2020 A and B are listed out of date in sequence and should have been inserted in Year 2013.

- A. Title: Transmittal Letter – Draft Record of Decision, LHAAP-47, Longhorn Army Ammunition Plant, Karnack, Texas, April 2013
Author(s): Department of the Army
Recipient: Environmental Protection Agency
Date: April 30, 2013
Bate Stamp: 00984380 – 00984380
- B. Title: Transmittal Letter – Draft Record of Decision, LHAAP-47, Longhorn Army Ammunition Plant, Karnack, Texas, April 2013
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: April 30, 2013
Bate Stamp: 00984381 – 00984381
- C. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), September 16, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: October 7, 2020
Bate Stamp: 00984382 – 00984394
- D. Title: Minutes – Final Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant (LHAAP), July 15, 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: October 21, 2020
Bate Stamp: 00984395 – 00984440
- E. Title: Report – Draft Final Remedial Action Operation Report, LHAAP-16 Landfill 16, Longhorn Army Ammunition Plant, Karnack, Texas, October 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: October 30, 2020
Bate Stamp: 00984441 – 00985003

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F. Title: Report – Appendix D to Draft Final Remedial Action Operation Report,
LHAAP-16 Landfill 16, Longhorn Army Ammunition Plant, Karnack, Texas,
October 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: October 30, 2020
Bate Stamp: 00985004 – 00986177

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VOLUME 22

2020

- A. Title: (cont'd) Report – Appendix D to Draft Final Remedial Action Operation Report, LHAAP-16 Landfill 16, Longhorn Army Ammunition Plant, Karnack, Texas, October 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: October 30, 2020
Bate Stamp: 00986178 – 00987901
- B. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), October 21, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: November 5, 2020
Bate Stamp: 00987902 – 00987940

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VOLUME 23

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- A. Title: Report – Draft Final Remedial Action Completion Report for Contingency Remedy, LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, November 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: November 5, 2020
Bate Stamp: 00987941 – 00988870
- B. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), November 18, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: December 1, 2020
Bate Stamp: 00988871 – 00988887
- C. Title: Transmittal Letter – Draft Sixth Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: Environmental Protection Agency
Date: December 3, 2020
Bate Stamp: 00988888 – 00988888
- D. Title: Transmittal Letter – Draft Sixth Annual Remedial Action Operation Report, LHAAP-50, Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: December 3, 2020
Bate Stamp: 00988889 – 00988889
- E. Title: Report – Quarterly Evaluation Report, 3rd Quarter (April-September) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: December 3, 2020
Bate Stamp: 00988890 – 00989171

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VOLUME 23 (cont'd)

2020

F. Title: (cont'd) Report – Level IV DOD to Quarterly Evaluation Report, 3rd Quarter
(April-September) 2020, Groundwater Treatment Plant, Longhorn Army
Ammunition Plant, Karnack, Texas, December 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: December 3, 2020
Bate Stamp: 00989172 – 00989849

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2020

- A. Title: (cont'd) Report – Level IV DOD to Quarterly Evaluation Report, 3rd Quarter (April-September) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: December 3, 2020
Bate Stamp: 00989850 – 00991797

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2020

- A. Title: (cont'd) Report – Level IV DOD to Quarterly Evaluation Report, 3rd Quarter
 (April-September) 2020, Groundwater Treatment Plant, Longhorn Army
 Ammunition Plant, Karnack, Texas, December 2020
 Author(s): Bhate Environmental Associates, Inc.
 Recipient: U.S. Army Corps of Engineers
 Date: December 3, 2020
 Bate Stamp: 00991798 – 00993615

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2020

- A. Title: (cont'd) Report – Level IV DOD to Quarterly Evaluation Report, 3rd Quarter (April-September) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: December 3, 2020
Bate Stamp: 00993616 – 00995429

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VOLUME 27

2020

- A. Title: (cont'd) Report – Level IV DOD to Quarterly Evaluation Report, 3rd Quarter (April-September) 2020, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: December 3, 2020
Bate Stamp: 00995430 – 00996147
- B. Title: Report – Draft Final 6th Annual Remedial Action Operations Report (September 2018-August 2019), LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 9, 2020
Bate Stamp: 00996148 – 00996469
- C. Title: (cont'd) Report – Appendix F Lab Results to Draft Final 6th Annual Remedial Action Operations Report (September 2018-August 2019), LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 9, 2020
Bate Stamp: 00996470 – 00997221

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2020

A. Title: (cont'd) Report – Appendix F Lab Results to Draft Final 6th Annual Remedial Action Operations Report (September 2018-August 2019), LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 9, 2020
Bate Stamp: 00997222 – 00999070

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2020

A. Title: (cont'd) Report – Appendix F Lab Results to Draft Final 6th Annual Remedial Action Operations Report (September 2018-August 2019), LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 9, 2020
Bate Stamp: 00999071 – 01000910

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VOLUME 30

2020

A. Title: (cont'd) Report – Appendix F Lab Results to Draft Final 6th Annual Remedial Action Operations Report (September 2018-August 2019), LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 9, 2020
Bate Stamp: 01000911 – 01002778

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2020

A. Title: (cont'd) Report – Appendix F Lab Results to Draft Final 6th Annual Remedial Action Operations Report (September 2018-August 2019), LHAAP-35A (58), Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 9, 2020
Bate Stamp: 01002779 – 01004626

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VOLUME 32

2020

- A. Title: Report – Draft Third Annual Remedial Action Operation Report, LHAAP-35B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, November 2020
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 15, 2020
Bate Stamp: 01004627 – 01004968
- B. Title: (cont'd) Report – Appendix C to Approved DRAFT LHAAP-37 Third Annual Remedial Action Operation Report Final DOD IV, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 15, 2020
Bate Stamp: 01004969 – 01006206

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2020

- A. Title: (cont'd) Report – Appendix C to Approved DRAFT LHAAP-37 Third Annual Remedial Action Operation Report Final DOD IV, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 15, 2020
Bate Stamp: 01006207 – 01007332
- B. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), December 29, 2020
Author(s): Department of the Army
Recipient: All Parties
Date: December 29, 2020
Bate Stamp: 01007333 – 01007357

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VOLUME 1

2021

- A. Title: Memo – Memorandum for Record – Revision of Sample Collection Logs for Multiple Sampling Events at LHAAP-04, LHAAP-12, LHAAP-37, LHAAP-46, LHAAP-50, LHAAP-58, and LHAAP-67, Longhorn Army Ammunition Plant, Karnack, Texas, January 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 14, 2021
Bate Stamp: 01007358 – 01008054
- B. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting Longhorn Army Ammunition Plant (LHAAP), October 21, 2020
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: January 22, 2021
Bate Stamp: 01008055 – 01008099
- C. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), January 20, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: January 31, 2021
Bate Stamp: 01008100 – 01008142
- D. Title: Report – Final Sixth Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 4, 2021
Bate Stamp: 01008143 – 01009186
- E. Title: (cont'd) Report – Level IV DOD to Final Sixth Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 4, 2021
Bate Stamp: 01009187 – 01009292

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- A. Title: (cont'd) Report – Level IV DOD to Final Sixth Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 4, 2021
Bate Stamp: 01009293 – 01010816
- B. Title: Transmittal Letter – Draft Remedial Action Completion Report, LHAAP-03 Former Waste Collection Pad, Building 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: February 10, 2021
Bate Stamp: 01010817 – 01010817
- C. Title: Transmittal Letter – Draft Remedial Action Completion Report, LHAAP-03 Former Waste Collection Pad, Building 722-P Paint Shop, Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: February 10, 2021
Bate Stamp: 01010818 – 01010818
- D. Title: Work Plan – Final Pre-Design Investigation Work Plan for LHAAP-29, Former TNT Production Area Group 2 Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 16, 2021
Bate Stamp: 01010819 – 01010861
- E. Title: Report – Final Post Screening Investigation Addendum No. 2 Report for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 23, 2021
Bate Stamp: 01010862 – 01011063

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A. Title: (cont'd) Report – Final Post Screening Investigation Addendum No. 2
Report for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production
Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: February 23, 2021
Bate Stamp: 01011064 – 01013035

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- A. Title: (cont'd) Report – Final Post Screening Investigation Addendum No. 2
Report for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production
Longhorn Army Ammunition Plant, Karnack, Texas, February 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: February 23, 2021
Bate Stamp: 01013036 – 01014446
- B. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army
Ammunition Plant (LHAAP), February 17, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: February 26, 2021
Bate Stamp: 01014447 – 01014461
- C. Title: Report – Draft Final Summary Report – Excavation and Backfill Activities
at LHAAP-17, Longhorn Army Ammunition Plant, Karnack, Texas,
March 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: March 8, 2021
Bate Stamp: 01014462 – 01014651
- D. Title: (cont'd) Report – Appendix B to Draft Final Summary Report – Excavation
and Backfill Activities at LHAAP-17, Longhorn Army Ammunition Plant,
Karnack, Texas, March 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: March 8, 2021
Bate Stamp: 01014652 – 01015001

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- A. Title: (cont'd) Report – Appendix B to Draft Final Summary Report – Excavation and Backfill Activities at LHAAP-17, Longhorn Army Ammunition Plant, Karnack, Texas, March 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 8, 2021
Bate Stamp: 01015002 – 01015275
- B. Title: (cont'd) Report – Appendix D to Draft Final Summary Report – Excavation and Backfill Activities at LHAAP-17, Longhorn Army Ammunition Plant, Karnack, Texas, March 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 8, 2021
Bate Stamp: 01015276 – 01016253
- C. Title: Report – Draft Final Sixth Annual Remedial Action Operation Report, LHAAP-46 (Plant 2 Area), Longhorn Army Ammunition Plant, Karnack, Texas, March 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 16, 2021
Bate Stamp: 01016254 – 01016723

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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VOLUME 13

2021

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

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VOLUME 14

2021

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

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VOLUME 14 (Cont'd)

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

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VOLUME 14 (Cont'd)

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

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VOLUME 15

2021

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

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VOLUME 16

2021

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

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VOLUME 17

2021

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

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VOLUME 18

2021

A. Title: Report – Level IV DoD Lab Reports for the Final Third Annual Remedial Action Operation Report, LHAAP-35 B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: **December 15, 2020**
Bate Stamp: 01038925 – 01040618

Item A above was supposed to be placed in the Oct–Dec 2020 AR quarter; however, it was left out, so that is why it is included in this Admin Record.

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VOLUME 19

2021

- A. Title: (Cont'd) Report – Level IV DoD Lab Reports for the Final Third Annual Remedial Action Operation Report, LHAAP-35 B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, December 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: **December 15, 2020**
Bate Stamp: 01040619 – 01041288

Item A above was supposed to be placed in the Oct–Dec 2020 AR quarter; however, it was left out, so that is why it is included in this Admin Record.

- B. Title: Report – Draft Final First Annual Remedial Action Operation Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: **June 25, 2021**
Bate Stamp: 01041289 – 01042335

Item B above was supposed to be placed in the Apr–Jun 2021 AR quarter; however, it was left out, so that is why it is included in this Admin Record.

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- A. Title: (Cont'd) Report – Draft Final First Annual Remedial Action Operation Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, June 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: **June 25, 2021**
Bate Stamp: 01042336 – 01042393
Item A above was supposed to be placed in the Apr–Jun 2021 AR quarter; however, it was left out, so that is why it is included in this Admin Record.
- B. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), June 16, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: July 1, 2021
Bate Stamp: 01042394 – 01042420
- C. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting Longhorn Army Ammunition Plant (LHAAP), April 21, 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: July 23, 2021
Bate Stamp: 01042421 – 01042471
- D. Title: Report – Draft Final Seventh Annual Remedial Action Operation Report, LHAAP-67 (Aboveground Storage Tank Farm), Longhorn Army Ammunition Plant, Karnack, Texas, July 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: July 23, 2021
Bate Stamp: 01042472 – 01043544
- E. Title: Report – Final Remedial Action Completion Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021 (rev August 18, 2021)
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: August 18, 2021
Bate Stamp: 01043545 – 01043873

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- A. Title: (Cont'd) Report – Final Remedial Action Completion Report, LHAAP-04 Former Pilot Wastewater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, April 2021 (rev August 18, 2021)
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: August 18, 2021
Bate Stamp: 01043874 – 01044123
- B. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), July 21, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: August 19, 2021
Bate Stamp: 01044124 – 01044155
- C. Title: Project Plan – Draft Final Uniform Federal Policy Quality Assurance Project Plan, LHAAP-17 Burning Ground No. 2/Flashing Area Group 2, Time Critical Removal Action for Munitions and Explosives of Concern (MEC), Longhorn Army Ammunition Plant, Texas
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: August 24, 2021
Bate Stamp: 01044156 – 01045445
- D. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), August 18, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: September 2, 2021
Bate Stamp: 01045446 – 01045471

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- A. Title: Report – Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01045472 – 01045807
- B. Title: Report – Appendix C Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01045808 – 01047462

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2021

- A. Title: (Cont.) Report – Appendix C Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01047463 – 01049436

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2021

- A. Title: (Cont.) Report – Appendix C Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01049437 – 01051318

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2021

- A. Title: (Cont.) Report – Appendix C Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01051319 – 01053228

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- A. Title: (Cont.) Report – Appendix C Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01053229 – 01055258

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- A. Title: (Cont.) Report – Appendix C Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01055259 – 01056143
- B. Title: (Cont.) Report – Appendix F Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01056144 – 01057181

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- A. Title: (Cont.) Report – Appendix F Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01057182 – 01059143

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2021

- A. Title: (Cont.) Report – Appendix F Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01059144 – 01061103

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2021

- A. Title: (Cont.) Report – Appendix F Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01061104 – 01063087

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VOLUME 31

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- A. Title: (Cont.) Report – Appendix F Level IV Labs to Quarterly Evaluation Report, 2nd Quarter (April–June) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, September 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: September 21, 2021
Bate Stamp: 01063088 – 01064359

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VOLUME 32

2021

- A. Title: Transmittal Letter – Revised Draft Record of Decision for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production, September 2021, Longhorn Army Ammunition Plant, Karnack Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: **September 30, 2021**
Bate Stamp: 01064360 – 01064360

Item A above was left out of the previous Admin Record quarter, so that is why it is included in this Admin Record.

- B. Title: Transmittal Letter – Revised Draft Record of Decision for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production, September 2021, Longhorn Army Ammunition Plant, Karnack Texas
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: **September 30, 2021**
Bate Stamp: 01064361 – 01064361

Item B above was left out of the previous Admin Record quarter, so that is why it is included in this Admin Record.

- C. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), September 15, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: October 4, 2021
Bate Stamp: 01064362 – 01064396

- D. Title: Memorandum – Time Critical Removal Acton (TCRA) Action Memorandum for LHAAP-17 Burning Ground No. 2/Flashing Area, Longhorn Army Ammunition Plant
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: October 8, 2021
Bate Stamp: 01064397 – 01064411

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- E. Title: Report – Revision Update of the Revised Final Basewide Uniform Federal Policy – Quality Assurance Project Plan, Longhorn Army Ammunition Plant, Karnack, Texas, February 2020
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: October 13, 2021
Bate Stamp: 01064412 – 01064421
- F. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting Longhorn Army Ammunition Plant (LHAAP), July 21, 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: October 22, 2021
Bate Stamp: 01064422 – 01064479
- G. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), October 20, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: November 17, 2021
Bate Stamp: 01064480 – 01064497
- H. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), November 17, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: December 3, 2021
Bate Stamp: 01064498 – 01064506
- I. Title: Report – Quarterly Evaluation Report, 3rd Quarter (July–September) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: December 14, 2021
Bate Stamp: 01064507 – 01064745

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VOLUME 32 (Cont.)

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- J. Title: (cont.) Report – Appendix C to Quarterly Evaluation Report, 3rd Quarter
 (July–September) 2021, Groundwater Treatment Plant, Longhorn Army
 Ammunition Plant, Karnack, Texas, December 2021
 Author(s): Bhate Environmental Associates, Inc.
 Recipient: U.S. Army Corps of Engineers
 Date: December 14, 2021
 Bate Stamp: 01064746 – 01065500
- K. Title: (cont.) Report – Appendix C Level IV DOD to Quarterly Evaluation Report,
 3rd Quarter (July–September) 2021, Groundwater Treatment Plant,
 Longhorn Army Ammunition Plant, Karnack, Texas, December 2021
 Author(s): Bhate Environmental Associates, Inc.
 Recipient: U.S. Army Corps of Engineers
 Date: December 14, 2021
 Bate Stamp: 01065501 – 01066340

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VOLUME 33

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- A. Title: (cont.) Report – Appendix C to Quarterly Evaluation Report, 3rd Quarter (July–September) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2021
- Author(s): Bhate Environmental Associates, Inc.
- Recipient: U.S. Army Corps of Engineers
- Date: December 14, 2021
- Bate Stamp: 01066341 – 01068462

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- A. Title: (cont.) Report – Appendix C to Quarterly Evaluation Report, 3rd Quarter (July–September) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: December 14, 2021
Bate Stamp: 01068463 – 01070502

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VOLUME 35

2021

- A. Title: (cont.) Report – Appendix C to Quarterly Evaluation Report, 3rd Quarter (July–September) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, December 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: December 14, 2021
Bate Stamp: 01070503 – 01070769
- B. Title: Report – Final 2021 Update of the Comprehensive Land Use Control (LUC) Management Plan, Longhorn Army Ammunition Plant, Karnack, Texas 17 December 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: December 17, 2021
Bate Stamp: 01070770 – 01071298
- C. Title: (cont.) Transmittal Letter – Final 2021 Update of the Comprehensive Land Use Control (LUC) Management Plan, Longhorn Army Ammunition Plant, Karnack, Texas 17 December 2021
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: December 17, 2021
Bate Stamp: 01071299 – 01071300
- D. Title: (cont.) Transmittal Letter – Final 2021 Update of the Comprehensive Land Use Control (LUC) Management Plan, Longhorn Army Ammunition Plant, Karnack, Texas 17 December 2021
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: December 17, 2021
Bate Stamp: 01071301– 01071302

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VOLUME 1

2022

- A. Title: Minutes – Final Monthly Managers’ Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), December 15, 2021
Author(s): Department of the Army
Recipient: All Parties
Date: January 12, 2022
Bate Stamp: 01071303 – 01071330
- B. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting Longhorn Army Ammunition Plant (LHAAP), October 20, 2021
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: January 20, 2022
Bate Stamp: 01071331 – 01071396
- C. Title: Data – Surface Water Data Transmittal – 2021, Longhorn Army Ammunition Plant, Karnack, TX
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: January 20, 2022
Bate Stamp: 01071397 – 01071603
- D. Title: Report – Draft Final Year 7 Annual Remedial Action Operation Report (September 2020 – August 2021), LHAAP-35A (58) Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, January 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 25, 2022
Bate Stamp: 01071604 – 01072499
- E. Title: Report – Final Fourth Annual Remedial Action Operation Report, LHAAP-35B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, February 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 25, 2022
Bate Stamp: 01072500 – 01072848

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2022

F. Title: (Cont.) Report – Appendix C Level II to Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-35B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, January 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 25, 2022
Bate Stamp: 01072849 – 01073090

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2022

- A. Title: (Cont.) Report – Appendix C Level II to Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-35B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, January 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 25, 2022
Bate Stamp: 01073091 – 01073207
- B. Title: (Cont.) Report – Appendix C Level IV DOD to Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-35B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, January 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 25, 2022
Bate Stamp: 01073208 – 01075083

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VOLUME 3

2022

- A. Title: (Cont.) Report – Appendix C Level IV DOD to Draft Final Fourth Annual Remedial Action Operation Report, LHAAP-35B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, January 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 25, 2022
Bate Stamp: 01075084 – 01075938
- B. Title: Letter – Request for Schedule Extension for LHAAP-47 Draft Revised ROD Response to Comments
Author(s): Department of the Army
Recipient: U.S. Environmental Protection
Date: January 27, 2022
Bate Stamp: 01075939 – 01075939
- C. Title: (Cont.) Letter – Request for Schedule Extension for LHAAP-47 Draft Revised ROD Response to Comments
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: January 27, 2022
Bate Stamp: 01075940 – 01075940
- D. Title: Memorandum – Data Summary-Data Gap Proposed Approach from the March 3, 2021 LHAAP-29 field investigation and the Eurofins Reanalysis
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 31, 2022
Bate Stamp: 01075941 – 01075963
- E. Title: Report – Draft Final Seventh Annual Remedial Action Operation Report, LHAAP-46 (Plant 2 Area), Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 31, 2022
Bate Stamp: 01075964 – 01076316

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- F. Title: (Cont.) Report – Draft Final Seventh Annual Remedial Action Operation Report, LHAAP-46 (Plant 2 Area), Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 31, 2022
Bate Stamp: 01076317 – 01076878
- G. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), January 19, 2022
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: February 18, 2022
Bate Stamp: 01076879 – 01076890
- H. Title: Report – Draft Final Pre-Design Investigation Report, LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 24, 2022
Bate Stamp: 01076891 – 01077056

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- A. Title: (Cont.) Report – Draft Final Pre-Design Investigation Report, LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 24, 2022
Bate Stamp: 01077057 – 01077222
- B. Title: Report – Draft Final Seventh Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, March 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 1, 2022
Bate Stamp: 01077223 – 01078724
- C. Title: (Cont.) Report – Draft Final Seventh Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, March 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 1, 2022
Bate Stamp: 01078725 – 01079014

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- A. Title: (Cont.) Report – Appendix D Level IV DoD to Draft Final Seventh Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant, Karnack, Texas, March 2022
- Author(s): Department of the Army
- Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
- Date: March 1, 2022
- Bate Stamp: 01079015 – 01080844
-
- B. Title: Report – Draft Final First Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, March 2022
- Author(s): Department of the Army
- Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
- Date: March 7, 2022
- Bate Stamp: 01080845 – 01080981

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2022

A. Title: (Cont.) Report – Draft Final First Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, March 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 7, 2022
Bate Stamp: 01080982 – 01082947

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2022

A. Title: (Cont.) Report – Draft Final First Annual Remedial Action Operation
 Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack,
 Texas, March 2022
 Author(s): Department of the Army
 Recipient: U.S. Environmental Protection Agency and Texas Commission on
 Environmental Quality
 Date: March 7, 2022
 Bate Stamp: 01082948 – 01084895

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2022

- A. Title: (Cont.) Report – Draft Final First Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, March 2022
 Author(s): Department of the Army
 Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
 Date: March 7, 2022
 Bate Stamp: 01084896 – 01086674
- B. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), February 15, 2022
 Author(s): Department of the Army
 Recipient: All Parties
 Date: March 9, 2022
 Bate Stamp: 01086675 – 01086714

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VOLUME 9

2022

A. Title: Transmittal Letters – Initial Notice of Land Use Controls for one site, LHAAP-29, Former TNT Production Area, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Senator Ted Cruz, et al.
Date: October 11, 2019
Bate Stamp: 01086715 – 01086743

Item A above was not placed in the 2019 AR. That is why these letters are out of date order and placed in this 2022 AR.

B. Title: Transmittal Letters – Initial Notice of Land Use Controls for one site, LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Senator Ted Cruz, et al.
Date: March 16, 2020
Bate Stamp: 01086744 – 01086772

Item B above was not placed in the 2020 AR. That is why these letters are out of date order and placed in this 2022 AR.

C. Title: Report – Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01086773 – 01087365

D. Title: (Cont'd) Report – Appendix C to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01087366 – 01087980

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E. Title: (Cont'd) Report – Appendix D to Final First Annual Remediation Action
 Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant,
 Karnack, Texas, April 2022
 Author(s): Department of the Army
 Recipient: U.S. Environmental Protection Agency and Texas Commission on
 Environmental Quality
 Date: April 19, 2022
 Bate Stamp: 01087981 – 01088677

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2022

A. Title: (Cont'd) Report – Appendix D to Final First Annual Remediation Action
Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant,
Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: April 19, 2022
Bate Stamp: 01088678 – 01090678

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VOLUME 11

2022

A. Title: (Cont'd) Report – Appendix D to Final First Annual Remediation Action
Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant,
Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: April 19, 2022
Bate Stamp: 01090679 – 01092680

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VOLUME 12

2022

- A. Title: (Cont'd) Report – Appendix D to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01092681 – 01092788
- B. Title: (Cont'd) Report – Appendix D Level IV DOD (March 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01092789 – 01094683

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A. Title: (Cont'd) Report – Appendix D Level IV DOD (March 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01094684 – 01096685

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2022

A. Title: (Cont'd) Report – Appendix D Level IV DOD (March 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01096686 – 01098686

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2022

- A. Title: (Cont'd) Report – Appendix D Level IV DOD (March 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01098687 – 01098801
- B. Title: (Cont'd) Report – Appendix D Level IV DOD (Oct 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01098802 – 01100687

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2022

A. Title: (Cont'd) Report – Appendix D Level IV DOD (Oct 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01100688 – 01102689

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2022

- A. Title: (Cont'd) Report – Appendix D Level IV DOD (Oct 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01102690 – 01103883
- B. Title: (Cont'd) Report – Appendix D Level IV DOD (Jan-Feb 2021) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01103884 – 01104691

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2022

A. Title: (Cont'd) Report – Appendix D Level IV DOD (Jan-Feb 2021) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01104692 – 01106693

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2022

A. Title: (Cont'd) Report – Appendix D Level IV DOD (Jan-Feb 2021) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01106694 – 01108695

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2022

- A. Title: (Cont'd) Report – Appendix D Level IV DOD (Jan-Feb 2021) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01108696 – 01110073
- B. Title: (Cont'd) Report – Appendix D Level IV DOD (Jul-Aug 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01110074 – 01110697

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2022

A. Title: (Cont'd) Report – Appendix D Level IV DOD (Jul-Aug 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01110698 – 01112699

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2022

A. Title: (Cont'd) Report – Appendix D Level IV DOD (Jul-Aug 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01112700 – 01114701

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2022

- A. Title: (Cont'd) Report – Appendix D Level IV DOD (Jul-Aug 2020) to Final First Annual Remediation Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant, Karnack, Texas, April 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 19, 2022
Bate Stamp: 01114702 – 01115163
- B. Title: Report – Preliminary (30%) Remedial Design for LHAAP-18/24, Burning Ground No. 3 and Unlined Evaporation Pond, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 25, 2022
Bate Stamp: 01115164 – 01115203
- C. Title: Transmittal Letter – Request for Schedule Extension for Submittal of the LHAAP-18/24 Draft (60%) Remedial Design (RD) to EPA, Longhorn Army Ammunition Plant, Karnack, TX
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: April 26, 2022
Bate Stamp: 01115204 – 01115204
- D. Title: Transmittal Letter – Request for Schedule Extension for Submittal of the LHAAP-18/24 Draft (60%) Remedial Design (RD) to TCEQ, Longhorn Army Ammunition Plant, Karnack, TX
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: April 26, 2022
Bate Stamp: 01115205 – 01115205
- E. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), March 16, 2022
Author(s): Department of the Army
Recipient: All Parties
Date: April 29, 2022
Bate Stamp: 01115206 – 01115238

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- F. Title: Report – Quarterly Evaluation Report, 4th Quarter (October-December) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, May 2022
 Author(s): Bhate Environmental Associates, Inc.
 Recipient: U.S. Army Corps of Engineers
 Date: May 25, 2022
 Bate Stamp: 01115239 – 01115540
- G. Title: (Cont'd) Report – Appendix C LHAAP-18-24 Labs to Quarterly Evaluation Report, 4th Quarter (October-December) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, May 2022
 Author(s): Bhate Environmental Associates, Inc.
 Recipient: U.S. Army Corps of Engineers
 Date: May 25, 2022
 Bate Stamp: 01115541 – 01116230
- H. Title: (Cont'd) Report – Appendix F Labs to Quarterly Evaluation Report, 4th Quarter (October-December) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, May 2022
 Author(s): Bhate Environmental Associates, Inc.
 Recipient: U.S. Army Corps of Engineers
 Date: May 25, 2022
 Bate Stamp: 01116231 – 01116702

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2022

- A. Title: (Cont'd) Report – Appendix F Labs to Quarterly Evaluation Report, 4th Quarter (October-December) 2021, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, May 2022
Author(s): Bhate Environmental Associates, Inc.
Recipient: U.S. Army Corps of Engineers
Date: May 25, 2022
Bate Stamp: 01116703 – 01116833
- B. Title: Transmittal Letter – Draft Technical Memorandum to EPA, Proposed Revisions to LHAAP-04 and LHAAP-16, Remedial Action Operation Groundwater Monitoring Programs, Longhorn Army Ammunition Plant, Karnack, Texas, May 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency
Date: June 1, 2022
Bate Stamp: 01116834 – 01116834
- C. Title: Transmittal Letter – Draft Technical Memorandum to TCEQ, Proposed Revisions to LHAAP-04 and LHAAP-16, Remedial Action Operation Groundwater Monitoring Programs, Longhorn Army Ammunition Plant, Karnack, Texas, May 2022
Author(s): Department of the Army
Recipient: Texas Commission on Environmental Quality
Date: June 1, 2022
Bate Stamp: 01116835 – 01116835
- D. Title: Minutes – Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant (LHAAP), May 18, 2022
Author(s): Department of the Army
Recipient: All Parties
Date: June 3, 2022
Bate Stamp: 01116836 – 01116840
- E. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant, January 2022
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: June 22, 2022
Bate Stamp: 01116841 – 01116889

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- F. Title: Presentation – January 2022 Restoration Advisory Board (RAB) Meeting
 Presentation from George Rice re Metals, Longhorn Army Ammunition
 Plant, Karnack, Texas
 Author(s): George Rice
 Recipient: All Parties
 Date: June 22, 2022
 Bate Stamp: 01116890 – 01116905
- G. Title: Report – Quarterly Evaluation Report, 1st Quarter (January - March)
 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant,
 Karnack, Texas, June 2022
 Author(s): Bhate Environmental Associates, Inc.
 Recipient: U.S. Army Corps of Engineers
 Date: June 29, 2022
 Bate Stamp: 01116906 – 01118242

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2022

- A. Title: Minutes – Final Monthly Managers' Meeting, Longhorn Army Ammunition Plant, April 20, 2022
Author(s): Department of the Army
Recipient: All Parties
Date: July 6, 2022
Bate Stamp: 01118243 – 01118269
- B. Title: Report – Draft Final Technical Memorandum, Proposed Revisions to LHAAP-04 and LHAAP-16 Remedial Action Operation Groundwater Monitoring Programs, Longhorn Army Ammunition Plant, Karnack Texas, July 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: July 18, 2022
Bate Stamp: 01118270 – 01118395
- C. Title: Tech Memo – Preliminary (30%) Remedial Design for LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: July 20, 2022
Bate Stamp: 01118396 – 01118430
- D. Title: Report – Eighth Annual Remedial Action Operation Report, LHAAP-67 (Aboveground Storage Tank Farm), Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: July 21, 2022
Bate Stamp: 01118431 – 01119526
- E. Title: Minutes – Final Monthly Managers' Meeting, Longhorn Army Ammunition Plant, June 22, 2022
Author(s): Department of the Army
Recipient: All Parties
Date: July 26, 2022
Bate Stamp: 01119527 – 01119540

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VOLUME 25 (Cont'd)

2022

F. Title: Report – Draft Final 2021 Remedial Action Operation Report, Landfill 12
 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas
 Author(s): Department of the Army
 Recipient: U.S. Environmental Protection Agency and Texas Commission on
 Environmental Quality
 Date: August 2, 2022
 Bate Stamp: 01119541 – 01119645

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2022

- A. Title: (Cont'd) Report – Draft Final 2021 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: August 2, 2022
Bate Stamp: 01119646 – 01119663
- B. Title: (Cont'd) Report – Appendix D Level IV DOD to Draft Final 2021 Remedial Action Operation Report, Landfill 12 (LHAAP-12), Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: August 2, 2022
Bate Stamp: 01119664 – 01119919
- C. Title: Minutes – Final Monthly Managers' Meeting, Longhorn Army Ammunition Plant, July 20, 2022
Author(s): Department of the Army
Recipient: All Parties
Date: August 15, 2022
Bate Stamp: 01119920 – 01119935
- D. Title: Report – Draft Final Second Annual Remedial Action Operation Report, Former Pilot Wastewater Treatment Plant, LHAAP-04, Longhorn Army Ammunition Plant, Karnack, Texas, August 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: August 17, 2022
Bate Stamp: 01119936 – 01120727
- E. Title: (Cont'd) Report – Appendix D Level IV DOD to Draft Final Second Annual Remedial Action Operation Report, Former Pilot Wastewater Treatment Plant, LHAAP-04, Longhorn Army Ammunition Plant, Karnack, Texas, August 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: August 17, 2022
Bate Stamp: 01120728 – 01121647

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2022

- A. Title: (Cont'd) Report – Appendix D Level IV DOD to Draft Final Second Annual Remedial Action Operation Report, Former Pilot Wastewater Treatment Plant, LHAAP-04, Longhorn Army Ammunition Plant, Karnack, Texas, August 2022
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: August 17, 2022
Bate Stamp: 01121648 – 01122240
- B. Title: Report – Revised Final Record of Decision for LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant Federal Superfund Site TX6213820529, Karnack, Harrison County, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: August 17, 2022
Bate Stamp: 01122241 – 01122357
- C. Title: Notice – Initial Notice of Land Use Controls, LHAAP-47, Plant 3 Area – Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Public Officials et. al
Date: August 17, 2022
Bate Stamp: 01122358 – 01122360
- D. Title: Transmittal Letters – Initial Notice of Land Use Controls, LHAAP-47, Plant 3 Area – Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Public Officials et. al
Date: August 17, 2022
Bate Stamp: 01122361 – 01122382
- E. Title: Minutes – Final Monthly Managers' Meeting, Longhorn Army Ammunition Plant, August 18, 2022
Author(s): Department of the Army
Recipient: All Parties
Date: September 7, 2022
Bate Stamp: 01122383 – 01122400

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2022

F. Title: Report – Quarterly Evaluation Report, 2nd Quarter (April - June) 2022,
 Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack,
 Texas, September 2022
 Author(s): Department of the Army
 Recipient: U.S. Environmental Protection Agency and Texas Commission on
 Environmental Quality
 Date: September 15, 2022
 Bate Stamp: 01122401 – 01123607

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2022

- A. Title: Minutes – Final Monthly Managers' Meeting, Longhorn Army Ammunition Plant, September 21, 2022
 Author(s): Department of the Army
 Recipient: All Parties
 Date: October 17, 2022
 Bate Stamp: 01123608 – 01123625
- B. Title: Report – Final Pre-Design Investigation Report, LHAAP-29 Former TNT Production Area Group 2, Longhorn Army Ammunition Plant, Karnack, Texas
 Author(s): Department of the Army
 Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
 Date: November 8, 2022
 Bate Stamp: 01123626 – 01125637

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2022

- A. Title: (Cont'd) Report – Final Pre-Design Investigation Report, LHAAP-29 Former TNT Production Area Group 2, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Department of the Army
- Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
- Date: November 8, 2022
- Bate Stamp: 01125638 – 01127523
-
- B. Title: Report, File 2 – Final Pre-Design Investigation Report, LHAAP-29 Former TNT Production Area Group 2, Longhorn Army Ammunition Plant, Karnack, Texas
- Author(s): Department of the Army
- Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
- Date: November 8, 2022
- Bate Stamp: 01127524 – 01127679

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2022

A. Title: (Cont'd) Report, File 2 – Final Pre-Design Investigation Report, LHAAP-29
Former TNT Production Area Group 2, Longhorn Army Ammunition Plant,
Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: November 8, 2022
Bate Stamp: 01127680 – 01129723

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2022

- A. Title: (Cont'd) Report, File 2 – Final Pre-Design Investigation Report, LHAAP-29 Former TNT Production Area Group 2, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: U.S. Environmental Protection Agency and Texas Commission on Environmental Quality
Date: November 8, 2022
Bate Stamp: 01129724 – 01131717
- B. Title: Minutes – Final Monthly Managers' Meeting, Longhorn Army Ammunition Plant, October 19, 2022
Author(s): Department of the Army
Recipient: All Parties
Date: November 10, 2022
Bate Stamp: 01131718 – 01131732
- C. Title: Minutes – Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant, June 2022
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: November 16, 2022
Bate Stamp: 01131733 – 01131777
- D. Title: Minutes – Final Monthly Managers' Meeting, Longhorn Army Ammunition Plant, November 16, 2022
Author(s): Department of the Army
Recipient: All Parties
Date: December 12, 2022
Bate Stamp: 01131778 – 01131791

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VOLUME 1

2023

- A. Title: Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01131792 – 01132168
- B. Title: (Cont'd) Appendix C Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01132169 – 01133581
- C. Title: (Cont'd) Appendix F, File 1, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01133582 – 01133813

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A. Title: (Cont'd) Appendix F, File 1, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01133814 – 01135832

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A. Title: (Cont'd) Appendix F, File 1, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01135833 – 01137861

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- A. Title: (Cont'd) Appendix F, File 1, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01137862 – 01138380
- B. Title: (Cont'd) Appendix F, File 2, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01138381 – 01139887

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A. Title: (Cont'd) Appendix F, File 2, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023

Author(s): Department of the Army

Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality

Date: January 6, 2023

Bate Stamp: 01139888 – 01141915

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- A. Title: (Cont'd) Appendix F, File 2, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
- Author(s): Department of the Army
- Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
- Date: January 6, 2023
- Bate Stamp: 01141916 – 01143430
-
- B. Title: (Cont'd) Appendix F, File 3, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
- Author(s): Department of the Army
- Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
- Date: January 6, 2023
- Bate Stamp: 01143431 – 01143948

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A. Title: (Cont'd) Appendix F, File 3, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023

Author(s): Department of the Army

Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality

Date: January 6, 2023

Bate Stamp: 01143949 – 01145984

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A. Title: (Cont'd) Appendix F, File 3, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01145985 – 01148034

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- A. Title: (Cont'd) Appendix F, File 3, Level IV DoD Labs to Report—Quarterly Evaluation Report, 3rd Quarter (July–September) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 6, 2023
Bate Stamp: 01148035 – 01149139
- B. Title: Report—Final 2022 Update of the Comprehensive Land Use Control (LUC) Management Plan, Longhorn Army Ammunition Plant, Karnack, Texas, January 17, 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 17, 2023
Bate Stamp: 01149140 – 01149703
- C. Title: Minutes—Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant, November 16, 2022
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: January 21, 2023
Bate Stamp: 01149704 – 01149755
- D. Title: Report—Final Year 5 Long-Term Management Report for LHAAP-001-R-01 and LHAAP-003-R-01, Longhorn Army Ammunition Plant, Karnack Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 23, 2023
Bate Stamp: 01149756 – 01149791
- E. Title: Report—Draft Final Year 7 Annual Remedial Action Operation Report (September 2020–August 2021), LHAAP-35A (58) Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, January 2022
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 25, 2023
Bate Stamp: 01149792 – 01150035

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- A. Title: (Cont'd) Report—Draft Final Year 7 Annual Remedial Action Operation Report (September 2020–August 2021), LHAAP-35A (58) Shops Area, Longhorn Army Ammunition Plant, Karnack, Texas, January 2022
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 25, 2023
Bate Stamp: 01150036 – 01150687
- B. Title: Report—Draft Final Fifth Annual Remedial Action Operation Report, LHAAP-35B (37) (Chemical Laboratory), Longhorn Army Ammunition Plant, Karnack, Texas, January 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: January 27, 2023
Bate Stamp: 01150688 – 01151533
- C. Title: Report—Final Eighth Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, February 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 27, 2023
Bate Stamp: 01151534 – 01152048

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- A. Title: (Cont'd) Report—Final Eighth Annual Remedial Action Operation Report, LHAAP-50 Former Sump Water Tank, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, February 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: February 27, 2023
Bate Stamp: 01152049 – 01152881
- B. Title: Minutes—Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant, January 18, 2023
Author(s): Department of the Army
Recipient: All Parties
Date: February 27, 2023
Bate Stamp: 01152882 – 01152894
- C. Title: Report—Year 8 Annual Remedial Action Operation Report (September 2021–August 2022), LHAAP-35A (58) Shops Area, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 2, 2023
Bate Stamp: 01152895 – 01154073

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- A. Title: (Cont'd) Report—Year 8 Annual Remedial Action Operation Report
(September 2021–August 2022), LHAAP-35A (58) Shops Area, Longhorn
Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: March 2, 2023
Bate Stamp: 01154074 – 01154864
- B. Title: Report—Draft Final Second Annual Remedial Action Operation Report,
LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack,
Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on
Environmental Quality
Date: March 17, 2023
Bate Stamp: 01154865 – 01156088

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- A. Title: (Cont'd) Report—Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01156089 – 01156960
- B. Title: (Cont'd) Report—Appendix B to Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01156961 – 01157361
- C. Title: (Cont'd) Report—Appendix C to Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01157362 – 01157973
- D. Title: Minutes—Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant, February 15, 2023
Author(s): Department of the Army
Recipient: All Parties
Date: March 22, 2023
Bate Stamp: 01157974 – 01157994
- E. Title: Report—Quarterly Evaluation Report, 4th Quarter (October–December) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 29, 2023
Bate Stamp: 01157995 – 01158114

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A. Title: (Cont'd) Report—Quarterly Evaluation Report, 4th Quarter (October–December) 2022, Groundwater Treatment Plant, Longhorn Army Ammunition Plant, Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 29, 2023
Bate Stamp: 01158115 – 01160140

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A. Title: (Cont'd) Report—Appendix D, **File 1**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01160141 – 01162142

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

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A. Title: (Cont'd) Report—**cont'd** Appendix D, **File 1**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01162143 – 01164142

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

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A. Title: (Cont'd) Report—**cont'd** Appendix D, **File 1**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01164143 – 01164223

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

B. Title: (Cont'd) Report—Appendix D, **File 2**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01164224 – 01166143

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

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A. Title: (Cont'd) Report—**cont'd** Appendix D, **File 2**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01166144 – 01168145

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

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A. Title: (Cont'd) Report—**cont'd** Appendix D, **File 2**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01168146 – 01168652

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

B. Title: (Cont'd) Report—Appendix D, **File 3**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01168653 – 01170146

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

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A. Title: (Cont'd) Report—**cont'd** Appendix D, **File 3**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01170147 – 01171881

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

B. Title: (Cont'd) Report—Appendix D, **File 4**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01171882 – 01172147

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

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A. Title: (Cont'd) Report—**cont'd** Appendix D, **File 4**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01172148 – 01174149

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

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A. Title: (Cont'd) Report—**cont'd** Appendix D, **File 4**—Level IV DoD, Draft Final Second Annual Remedial Action Operation Report, LHAAP-16 Landfill, Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas, March 2023
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: March 17, 2023
Bate Stamp: 01174150 – 01175265

The above Level IV DoD labs were omitted in the previous Admin Record, so that is why they are out of date sequence and added to this April thru June 2023 Admin Record.

B. Title: Work Plan—Draft Final Pre-Design Investigation Work Plan, LHAAP-47, Plant 3 Area, Solid Rocket Motor Fuel Production, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: April 4, 2023
Bate Stamp: 01175266 – 01175313

C. Title: Plan—Final Community Involvement Plan, Longhorn Army Ammunition Plant, Harrison County, Texas
Author(s): HGS Government Solutions, LLC
Recipient: U.S. Army Environmental Command (USAEC) and Longhorn Army Ammunition Plant
Date: May 11, 2023
Bate Stamp: 01175314 – 01175387

D. Title: Report—LHAAP-04 Draft Final Third Annual Remediation Action Operation Report, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: May 22, 2023
Bate Stamp: 01175388 – 01175877

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- E. Title: Report—LHAAP-12 Draft Final 2022 Remediation Action Operation Report,
 Longhorn Army Ammunition Plant, Karnack, Texas
 Author(s): Department of the Army
 Recipient: Environmental Protection Agency and Texas Commission on
 Environmental Quality
 Date: June 6, 2023
 Bate Stamp: 01175878 – 01175997
- F. Title: (Cont'd) Report—cont'd Appendix D, Level IV DoD, LHAAP-12 Draft Final
 2022 Remediation Action Operation Report, Longhorn Army Ammunition
 Plant, Karnack, Texas
 Author(s): Department of the Army
 Recipient: Environmental Protection Agency and Texas Commission on
 Environmental Quality
 Date: June 6, 2023
 Bate Stamp: 01175998 – 01176151

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- A. Title: (Cont'd) Report—cont'd Appendix D, Level IV DoD, LHAAP-12 Draft Final 2022 Remediation Action Operation Report, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 6, 2023
Bate Stamp: 01176152 – 01176362
- B. Title: Minutes—Final Monthly Managers' Meeting (MMM), Longhorn Army Ammunition Plant, March 15, 2023
Author(s): Department of the Army
Recipient: All Parties
Date: June 13, 2023
Bate Stamp: 01176363 – 01176388
- C. Title: Report—LHAAP-46 Draft Final Eighth Annual Remedial Action Operation Report, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 14, 2023
Bate Stamp: 01176389 – 01176714
- D. Title: (Cont'd) Report—cont'd Appendix D, Level IV DoD, LHAAP-46 Draft Final Eighth Annual Remedial Action Operation Report, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Department of the Army
Recipient: Environmental Protection Agency and Texas Commission on Environmental Quality
Date: June 14, 2023
Bate Stamp: 01176715 – 01177498
- E. Title: Minutes—Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, February 15, 2023, Longhorn Army Ammunition Plant
Author(s): Bhate Environmental Associates, Inc.
Recipient: All Parties
Date: June 22, 2023
Bate Stamp: 01177499 – 01177558