



DEPARTMENT OF THE ARMY  
CAMP STANLEY STORAGE ACTIVITY, RRAD  
25800 RALPH FAIR ROAD, BOERNE, TX 78015-4800

14 May 2004

U-059-04

Mr. Dennis Rogers  
Texas Commission on Environmental Quality  
Petroleum Storage Tank Division  
P.O. Box 13087 (MC-137)  
Austin, Texas 78711-3087

Subject: Response Concerning Subsurface Release of Hydrocarbons,  
Camp Stanley Storage Activity, Boerne, Texas, LPST ID No.  
101264, Facility ID No. 32776

Mr. Rogers:

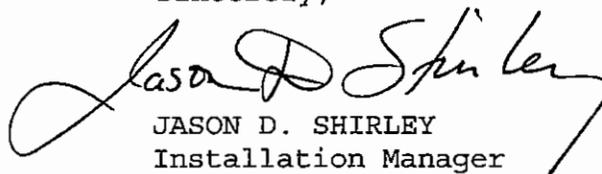
The Camp Stanley Storage Activity (CSSA), Red River Army Depot, Tank-Automotive and Armaments Command, Army Material Command, U.S. Army, is providing this comprehensive response to a TCEQ letter dated March 25, 2004, requesting our proposal for the next appropriate phase of corrective action at LPST Site No. 101264. CSSA met the requirements for closure through the submittal of the requested additional information on April 12, 1996, which was requested by TCEQ, formerly TNRCC, in a letter on August 4, 1995. This letter indicated that the review would be completed pending the submittal of the requested information.

Subsequently the same information was provided to Ms. Paula Jackson in a meeting held at the TCEQ central office on July 18, 2002. The meeting was held in response to another letter sent by TCEQ on June 19, 2002. At the July 2002 meeting Ms. Jackson stated that the information provided was sufficient and the site would be closed as soon as possible. Therefore, no further actions are warranted and the TCEQ should provide closure of the site as previously agreed.

Attached for your review is a copy of the April 4, 1996 submittal for your records, which includes the TCEQ letter from August 4, 1995.

If you have any questions or comments, please feel free to contact me at (210) 295-7416.

Sincerely,

  
JASON D. SHIRLEY  
Installation Manager

Attachments

cc: Greg Lyssy  
EPA Region 6  
Jorge Salazar  
TCEQ Region 13  
Kent Grubb  
U.S. Army, Army Medical Command, Fort Sam Houston, Staff Judge Advocate  
Julie Burdey  
Parsons

Kathleen Hartnett White, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
Larry R. Soward, *Commissioner*  
Margaret Hoffman, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 25, 2004

Mr. Brian Murphy  
25800 Ralph Fair Road  
Boerne, Texas 78015-4800

**CERTIFIED MAIL**  
**#7003 0500 0003 2003 1846**  
**RETURN RECEIPT REQUESTED**

Re: Subsurface Release of Hydrocarbons at the Camp Stanley Storage Facility Located at 25800 Ralph Fair Road, Boerne (Bexar County), Texas (LPST ID No. 101264 - Priority 3.5 - Facility ID No. 0032776); R - 13

Dear Mr. Murphy:

The Texas Commission on environmental Quality (TCEQ) considers you to be the Responsible Party (RP) for the leaking petroleum storage tank (LPST) site referenced above. The TCEQ is charged under Texas law to ensure that RPs bring these sites to closure in a timely and proper manner. The TCEQ is very concerned at the lack of progress at this site. Based on our records your last technical submittal to the PST-Responsible Party Remediation Section regarding the above referenced LPST site was received on July 18, 2002. You are required to contact an environmental consultant who is registered as a Corrective Action Specialist (CAS) to evaluate your site and determine and propose in writing to the TCEQ the next appropriate phase of corrective action. Your written proposal must be received by this Office no later than 30 days from the date of this letter. You may download TCEQ forms and guidance from our website at <http://www.tnrcc.state.tx.us/permitting/remed/rpr>.

Please be informed that corrective action per TCEQ rules and guidance must continue until closure status is granted.

Mr. Brian Murphy  
Page 2  
March 25, 2004  
LPST ID No. 101264

Please note that all correspondence must include the LPST and Facility ID numbers and must be submitted to the Central Office in Austin at MC-137, P.O. Box 13087, Austin, Texas 78711-3087. Should you have any questions, please contact me at (512) 239 - 2013. **Please reference the LPST ID number when making inquiries.** Your cooperation in this matter is appreciated.

Sincerely,



Dennis Rogers  
Case Manager  
PST-Responsible Party Remediation Section  
Remediation Division

DRR/jhm  
101264.recal

cc: Henry Karnei, Waste Manager, TCEQ Region 13 Field Office

April 12, 1996

Mr. Daniel Benson  
Federal Facilities Coordinator  
Responsible Party Remediation Section  
Petroleum Storage Tank Division  
Texas Natural Resources Conservation Commission  
P.O. Box 13087  
Austin, Texas 78711-3087

Subject: LPST ID Nos.: 101264  
Facility ID No. 0032776  
Final Site Closure Report for Tanks 3, 4, and 6  
Camp Stanley Storage Activity (CSSA), Texas  
Parsons ES Project No: 721397  
Contract No.: F33515-89-D-4003, Order 67

Dear Mr. Benson:

The purpose of this letter is to provide you with information requested by TNRCC in a letter dated 4 August 1995 following the risk assessment review of the Final Plan A corrective Action Report for Tanks 3, 4, and 6. This plan was submitted to TNRCC in May 1995. In addition, we are submitting the Final Site Closure Report (Attachment A) for the site, which together with the information requested, should constitute the last required submittal for complete and final closure of this LPST case.

The referenced 4 August 1995 Letter (Attachment B) concluded that the following information should be provided to your office:

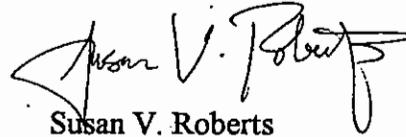
1. A copy of the completion data and plugging/abandonment documentation for Well MW-5, and
2. A copy of the October 1994 monitoring event report.

These items are provided with this letter as Attachments C and D, respectively. Copies of these documents were also forwarded to TNRCC Region 13 PST Program Manager Mr. James Bard in San Antonio.

We understand that the submittal of the outstanding information along with the Final Site Closure Report represents the last required step for complete and final closure of these LPST cases. If you have any questions regarding any of the information contained in this letter please do not hesitate to call me at 512/719-6000 or Paul Loudermilk at 210/979-9700 if you have any questions.

Mr. Daniel Benson  
Page 2 of 2  
April 12, 1996

Sincerely,



Susan V. Roberts  
Project Manager

mlt

cc: Brian Murphy, CSSA  
James Bard, TNRCC Region 13  
Capt. Chris Williston, AL/OEB  
Paul Loudermilk, Parsons ES San Antonio  
R.C. Wooten, Parsons ES Austin, letter only

Attachments (4)

- Attachment A Final Site Closure Report
- Attachment B August 1995 Letter
- Attachment C Completion Data and Plugging/Abandonment Documentation for Well MW-5
- Attachment D October 1994 Monitoring Event Report

**ATTACHMENT A  
FINAL SITE CLOSURE REPORT**

**Texas Water Commission  
PRODUCT STORAGE TANK  
FINAL SITE CLOSURE REPORT**

Complete All Applicable Blanks.

Date: 2-16-96

GENERAL INFORMATION	
LPST ID No.:101264	Assigned TWC Coordinator:Mr. Daniel Benson
Facility ID No.:0032776-3, 4, 6	
Responsible Party:U.S. Army, Camp Stanley Storage Activity, RRAD	
Facility Name:Camp Stanley Storage Activity, Building 5	
Facility Address:25800 Ralph Fair Road	
Facility City:Boerne	County:Bexar

CLOSURE ACTIVITY
Was a remediation system installed? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO (check one) If yes, provide a description : N/A
Was this system removed? <input type="checkbox"/> YES or <input type="checkbox"/> NO (check one) If no, explain why not: N/A
What is the intended future use/disposition and location of the system:N/A

List the components of the remedial system removed:N/A

**CLOSURE ACTIVITY (continued)**

List any of the remedial system components remaining at the site: N/A

Provide a description of site restoration activities: **Plugged and abandoned all on-site monitoring wells.**

Number of monitoring wells at the site: **8**

Number of monitoring wells plugged: **8** Attach copies of the signed State of Texas Well Plugging Reports (Form No. WWD-009) for all decommissioned wells.

For any monitoring wells not plugged, indicate intended use: **N/A**

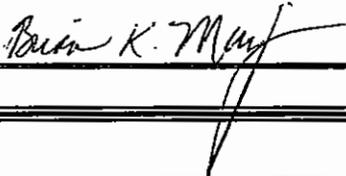
Have regulated wastes been properly disposed of, treated or recycled?  **YES** or  **NO** (check one) If yes, attach documentation, if no, describe: **Attached documentation provided for fluids generated during final groundwater sampling event. Documentation for disposal of fluids generated during previous sampling events has already been provided to TNRCC in various technical reports.**

**REPORT PREPARATION**Prepared by: **Paul Loudermilk, CAPM 00812**Company: **Parsons Engineering Science, RCAS 00101**Date prepared: **2-16-96**Telephone No.: **(210) 979-9700**Fax No.: **(210) 979-8008**

Signature: \_\_\_\_\_

Name of Responsible Party contact: **Brian K. Murphy**Telephone No.: **(210) 698-5208**Fax No.: **(210) 221-7615**Date: 16 Feb 96

Signature: \_\_\_\_\_

**ATTACHMENTS:**

**Documentation of actual closure activities**  
**Documentation of waste disposal, treatment or recycling**  
**State of Texas Plugging Reports (Form No. WWD-009)**



# NON-HAZARDOUS MANIFEST

## GENERATOR

GENERATOR NAME AND ADDRESS  
 U.S. ARMY CAMP STANLEY - TROOP ACTIVITY  
 2500 RALPH FAIR PLAZA  
 BEERNE, TX  
 PHONE NO. 817 698-5748

GENERATING LOCATION/ADDRESS  
 BUILDING 5  
 PHONE NO. ( )

GENERATOR'S US EPA ID NO.

STATE GENERATOR'S ID:

DESCRIPTION OF WASTE	WASTE CODE	QUANTITY	UNITS	CONTAINERS		TYPE
				NO.	TYPE	
PURGE WATER		50	GALES			D - DRUM C - CARTON B - BAG T - TRUCK P - POUNDS Y - YARDS O - OTHER

GENERATOR AUTHORIZED AGENT NAME  
 BRIAN K. MURPHY

SIGNATURE  
*Brian K. Murphy*

SHIPMENT DATE  
 16 Feb 96

## TRANSPORTER

TRUCK NO.  
 160

PHONE NO.  
 1-800-322-5085

TRANSPORTER NAME  
 ALAMO PETROLEUM EXCHANGE

DRIVER NAME (PRINT)  
 J E GUYER

ADDRESS  
 454 SOLEDAD, STE. 100  
 SAN ANTONIO, TX 78205

VEHICLE LICENSE NO./STATE  
 2AK-038, TX

VEHICLE CERTIFICATION

US EPA ID NO. TXD987991866

STATE TRANSPORTER'S ID: 41654

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE  
*J E Guyer*

SHIPMENT DATE  
 2-16-96

DRIVER SIGNATURE

DELIVERY DATE

## DESTINATION

SITE NAME

PHONE

ADDRESS

US EPA ID NO.

STATE FACILITY'S ID:

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT

SIGNATURE

RECEIPT DATE



# NON-HAZARDOUS MANIFEST

## GENERATOR

GENERATOR NAME AND ADDRESS  
 U.S. ARMY, CAMP STANLEY STORAGE ACTIVITY  
 25600 RALPH FAIR ROAD  
 FIFEENE, TX  
 PHONE NO. 214-552-5248

GENERATING LOCATION/ADDRESS  
 SAME  
 PHONE NO. ( )

GENERATOR'S US EPA ID NO.

STATE GENERATOR'S ID:

DESCRIPTION OF WASTE	WASTE CODE	QUANTITY	UNITS	CONTAINERS		TYPE
				NO.	TYPE	
RESIDUE FROM TRIPLE-RIPSTAY		8.0	GALES			D - DRUM C - CARTON B - BAG T - TRUCK P - POUND Y - YARDS O - OTHER
OF EIGHT 55-GALLON DRUMS						

GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

SHIPMENT DATE

BRIAN K. MURPHY

*Brian K. Murphy*

16 Feb 96

## TRANSPORTER

TRUCK NO.

PHONE NO.

160

1-800-322-5085

TRANSPORTER NAME

DRIVER NAME (PRINT)

ALAMO PETROLEUM EXCHANGE

JOE GILBERTO

ADDRESS

VEHICLE LICENSE NO./STATE

454 SOLEDAD, STE. 100  
 SAN ANTONIO, TX 78205

2HK-03571  
 VEHICLE CERTIFICATION

US EPA ID NO. TXD987991866

STATE TRANSPORTER'S ID: 41654

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE

SHIPMENT DATE

DRIVER SIGNATURE

DELIVERY DATE

*Joe Gilberto*

2-16-96

## DESTINATION

SITE NAME

PHONE

ADDRESS

US EPA ID NO.

STATE FACILITY'S ID:

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT

SIGNATURE

RECEIPT DATE

RECEIVING TICKET

ALAMO PETROLEUM EXCHANGE  
 454 SOLEDAD, STE. 100  
 SAN ANTONIO, TX 78205  
 1-800-322-5085  
 (210) 225-0888  
 TXD 987991866 TWC 41654



NO. R **095561**

9-16 19 96

P.O. NUMBER 721397-08

WORK ORDER # 22702

START TIME 4:00 AM/PM

STOP TIME \_\_\_\_\_ AM/PM

TOTAL TIME \_\_\_\_\_

GAUGE

OPEN \_\_\_\_\_ FT. \_\_\_\_\_ IN.

CLOSE \_\_\_\_\_ FT. \_\_\_\_\_ IN.

TOTAL \_\_\_\_\_ FT. \_\_\_\_\_ IN.

FROM: U.S. ARMY CAMP STANLEY

ADDRESS: 25800 FRENCH FAIR ROAD

CITY: BOEING, TX

BILL TO: FARSONS ENGINEERING-SCIENCE

8000 CENTRE PARK DR. #200 AUSTIN, TX 78754

LEASE NAME: \_\_\_\_\_ LEASE#: \_\_\_\_\_

GROSS BBLs. \_\_\_\_\_ - BS & W \_\_\_\_\_ % \_\_\_\_\_ QTY. = NET BBLs. \_\_\_\_\_

GROSS GALLONS \_\_\_\_\_ - BS & W \_\_\_\_\_ % \_\_\_\_\_ QTY. = NET GAL. \_\_\_\_\_

TEMPERATURE \_\_\_\_\_ GRAVITY \_\_\_\_\_ FACTOR \_\_\_\_\_ TANK NO. \_\_\_\_\_

PRODUCT	GROSS QTY.	NET QTY.	UNIT (G/B/D)	UNIT PRICE	TOTAL
PURGE WATER	50		G		
RINSE WATER	50		G		

THE ABOVE LISTED PRODUCT(S) HAS BEEN ACCURATELY DESCRIBED TO THE BEST OF MY KNOWLEDGE AND IS NON-HAZARDOUS ACCORDING TO 40 CFR 262.11 AND CONTAINS NO PCBs.

[Signature]  
 COMPANY REPRESENTATIVE

[Signature]  
 ALAMO REPRESENTATIVE

ALL SALES SUBJECT TO CONDITIONS ON REVERSE SIDE TRUCK NO. \_\_\_\_\_

WHITE - OFFICE CANARY - BILLING PINK - FILE GOLD - CUSTOMER

Please use black ink.

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

### State of Texas PLUGGING REPORT

(This form must be completed and filed with the TNRCC within 30 days following the date the well is plugged as required by current statutory law.)

Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

#### A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER CAMP STANLEY STORAGE ACT ADDRESS 25800 RALPH FAIR RD. BOERNE, TX. 7800  
(Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County BEXAR SAME AS ABOVE GRID # 68-19-3  
(Street, RFD or other) (City) (State) (Zip)

3) OWNER'S WELL NO: T3 MW-1 4) WELLYTYPE (Check):  Water  Monitor  Injection  De-watering

5)

Driller, Pump Installer, or Landowner performing the plugging operations must locate and identify the location of the well within a specific grid on a full scale-gridded County map available from the TNRCC/Installers Certification Program. The location of the well should be denoted within the grid by placing a corresponding dot in the grid to the right. The legal description section below is optional.

#### LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

#### B. HISTORICAL DATA ON WELL TO BE PLUGGED (if available)

6) Driller N/A License No. \_\_\_\_\_ City \_\_\_\_\_  
7) Drilled \_\_\_\_\_ 19\_\_\_\_; 8) Diameter of hole 4 inches; 9) Total depth of well 16.5 feet.

#### C. CURRENT PLUGGING DATA

10) Date well plugged 12/26, 1995

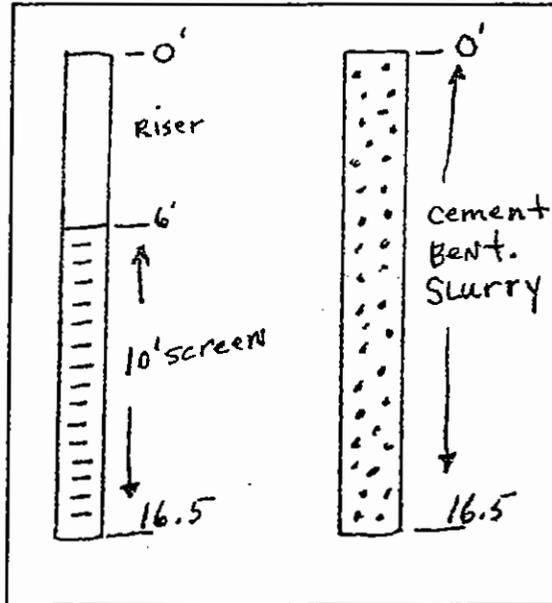
11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.

12) Name of Driller/Pump Installer actually performing the plugging operations  
THOMAS STARIN

License number 4887-M

13) Casing and cementing data relative to the plugging operations:

DIAMETER (inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
N/A		
CEMENT PLUG(S) PLACED IN WELL		SACK(S) OF CEMENT USED
FROM (feet)	TO (feet)	
0	16.5	1



#### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) JONES INV. BUILDING, INC.

Address: Street or RFD 413 FM 1103 City CIBOLO State TEXAS Zip 78108

Signatures:

\_\_\_\_\_  
Licensed Driller/Pump Installer Date 12/28/95

\_\_\_\_\_  
Owner of Well Date

\_\_\_\_\_  
Trained/Apprentice Date

Please use black ink.

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

### State of Texas PLUGGING REPORT

(This form must be completed and filed with the TNRCC  
within 30 days following the date the well is plugged as  
required by current statutory law.)

Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

#### A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER CAMP STANLEY STORAGE ACT ADDRESS 25800 RALPH FAIR RD. BOERNE, TX. 78006  
 (Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County BEXAR SAME AS ABOVE GRID# 68-19-3  
 (Street, RFD or other) (City) (State) (Zip)

3) OWNER'S WELL NO: T3 MW-2 4) WELL TYPE (Check):  Water  Monitor  Injection  De-watering

Driller, Pump Installer, or Landowner performing the plugging operations must locate and identify the location of the well within a specific grid on a full scale-gridded County map available from the TNRCC/Installers Certification Program. The location of the well should be denoted within the grid by placing a corresponding dot in the grid to the right. The legal description section below is optional.

#### LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

#### B. HISTORICAL DATA ON WELL TO BE PLUGGED (if available)

6) Driller N/A License No. \_\_\_\_\_ City \_\_\_\_\_

7) Drilled \_\_\_\_\_ 19\_\_\_\_; 8) Diameter of hole 4 inches; 9) Total depth of well 15.0 feet.

#### C. CURRENT PLUGGING DATA

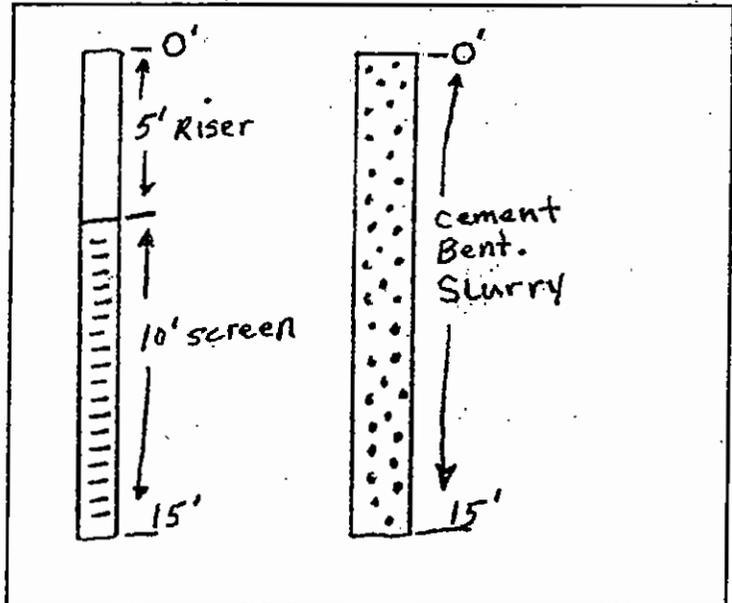
10) Date well plugged 12/26, 1995

11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.

12) Name of Driller/Pump Installer actually performing the plugging operations  
THOMAS STARIN  
License number 4887-M

13) Casing and cementing data relative to the plugging operations:

DIAMETER (Inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
N/A		
CEMENT PLUG(S) PLACED IN WELL		SACK(S) OF CEMENT USED
FROM (feet)	TO (feet)	
0	15.0	1



#### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) JONES ENV. DRILLING, INC.

Address: Street or RFD 413 FM 1103 City CIBOLO State TEXAS Zip 78108

Signatures: Thomas Starin 12/28/95  
 Licensed Driller/Pump Installer Date  
 Owner of Well Date  
 Trainee/Apprentice Date

White - TNRCC Yellow - Well Owner Pink - Licensed Well Driller/Pump Installer

Please use black ink.

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

### State of Texas PLUGGING REPORT

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Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

#### A. WELL IDENTIFICATION AND LOCATION DATA

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(Name) (Street or RFD) (City) (State) (Zip)
- 2) ADDRESS OF WELL: BEXAR SAME AS ABOVE GRID # 68-19-3  
County (Street, RFD or other) (City) (State) (Zip)
- 3) OWNER'S WELL NO: B5 MW-1 4) WELLTYPE (Check):  Water  Monitor  Injection  De-watering

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LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

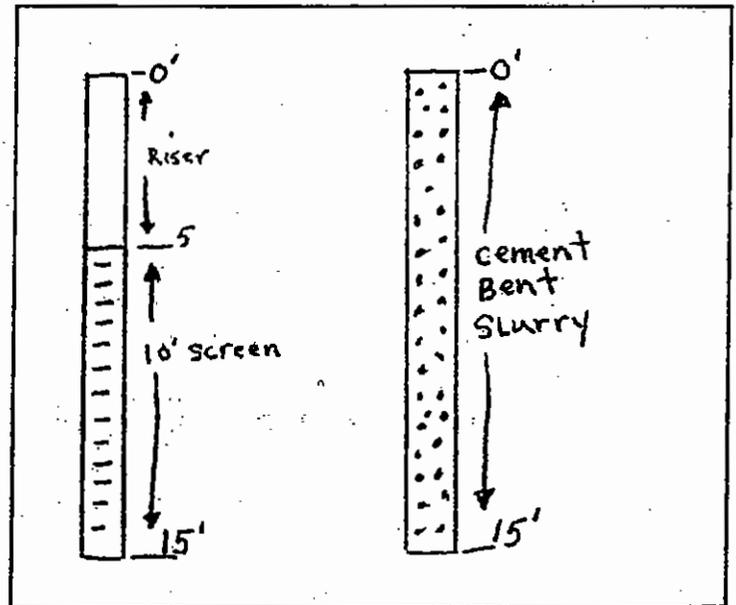
#### B. HISTORICAL DATA ON WELL TO BE PLUGGED (If available)

- 6) Driller N/A License No. \_\_\_\_\_ City \_\_\_\_\_  
7) Drilled \_\_\_\_\_ 19\_\_\_\_; 8) Diameter of hole 4 inches; 9) Total depth of well 15.0 feet.

#### C. CURRENT PLUGGING DATA

- 10) Date well plugged 12/26, 19 95.
- 11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.
- 12) Name of Driller/Pump Installer actually performing the plugging operations  
THOMAS STARIN  
License number 4887-M
- 13) Casing and cementing data relative to the plugging operations:

DIAMETER (inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
N/A		
CEMENT PLUG(S) PLACED IN WELL		SACK(S) OF CEMENT USED
FROM (feet)	TO (feet)	
<u>0</u>	<u>15.0</u>	<u>1</u>



#### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) JONES ENV. DRILLING, INC.  
Address: Street or RFD 413 FM 1103 City CIBOLO State TEXAS Zip 78108

Signatures: Thomas Starin 12/28/95  
Licensed Driller/Pump Installer Date  
Owner of Well Date  
Trainee/Apprentice Date

Please use black ink

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

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Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

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2) ADDRESS OF WELL:  
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 (Street, RFD or other) (City) (State) (Zip)

3) OWNER'S WELL NO: B5 MW-2 4) WELLYTYPE (Check):  Water  Monitor  Injection  De-watering

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LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

#### B. HISTORICAL DATA ON WELL TO BE PLUGGED (If available)

6) Driller N/A License No. \_\_\_\_\_ City \_\_\_\_\_

7) Drilled \_\_\_\_\_ 19\_\_\_\_; 8) Diameter of hole 4 inches; 9) Total depth of well 15.0 feet.

#### C. CURRENT PLUGGING DATA

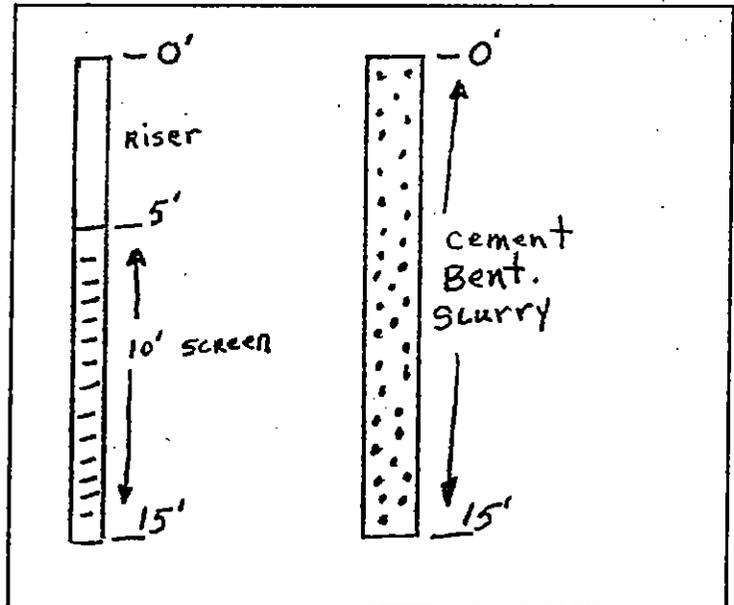
10) Date well plugged 12/26, 1995

11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.

12) Name of Driller/Pump Installer actually performing the plugging operations  
THOMAS STARIN  
 License number 4887-M

13) Casing and cementing data relative to the plugging operations:

DIAMETER (inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
N/A		
CEMENT PLUG(S) PLACED IN WELL		SACK(S) OF CEMENT USED
FROM (feet)	TO (feet)	
0	15.0	1



#### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) JONES ENV. DRILLING, INC.

Address: Street or RFD 413 BM 1103 City CIBOLO State TEXAS Zip 78108

Signatures: [Signature] 12/28/95  
 Licensed Driller/Pump Installer Date  
 \_\_\_\_\_ Owner of Well Date  
 \_\_\_\_\_ Trainee/Apprentice Date

Please use black ink.

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

### State of Texas PLUGGING REPORT

(This form must be completed and filed with the TNRCC within 30 days following the date the well is plugged as required by current statutory law.)

Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

#### A. WELL IDENTIFICATION AND LOCATION DATA

- 1) OWNER CAMP STANLEY STORAGE ACT ADDRESS 25800 RALPH FAIR RD. BOERNE, TX. 78006  
 (Name) (Street or RFD) (City) (State) (Zip)
- 2) ADDRESS OF WELL BEXAR SAME AS ABOVE GRID # 68-19-3  
 County (Street, RFD or other) (City) (State) (Zip)
- 3) OWNER'S WELL NO. B5 MW-3 4) WELL TYPE (Check):  Water  Monitor  Injection  De-watering

Driller, Pump Installer, or Landowner performing the plugging operations must locate and identify the location of the well within a specific grid on a full scale-gridded County map available from the TNRCC/Installers Certification Program. The location of the well should be denoted within the grid by placing a corresponding dot in the grid to the right. The legal description section below is optional.

#### LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
 Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
 Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

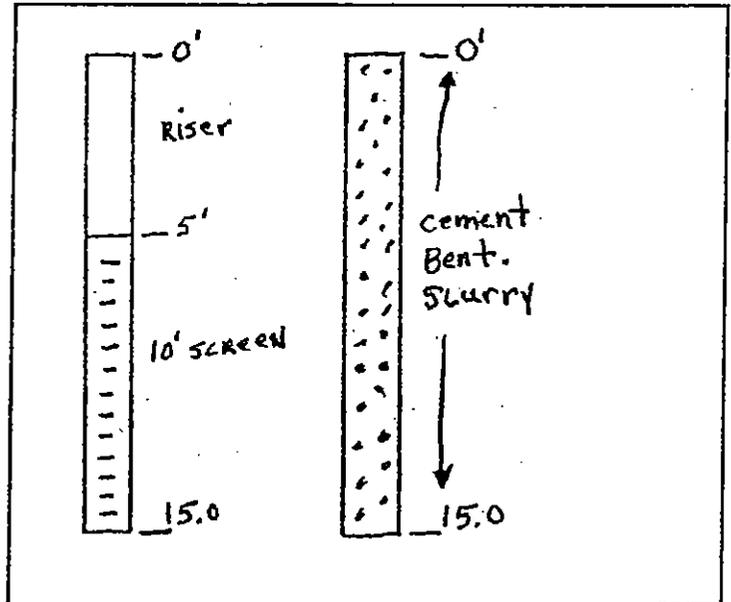
#### B. HISTORICAL DATA ON WELL TO BE PLUGGED (if available)

- 6) Driller N/A License No. \_\_\_\_\_ City \_\_\_\_\_  
 7) Drilled \_\_\_\_\_ 19\_\_\_\_; 8) Diameter of hole 4 inches; 9) Total depth of well 15.0 feet

#### C. CURRENT PLUGGING DATA

- 10) Date well plugged 12/28, 1995  
 11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.  
 12) Name of Driller/Pump Installer actually performing the plugging operations  
THOMAS STARIN  
 License number 4887-M  
 13) Casing and cementing data relative to the plugging operations:

DIAMETER (inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
N/A		
CEMENT PLUG(S) PLACED IN WELL		SACK(S) OF CEMENT USED
FROM (feet)	TO (feet)	
0	15.0	1



#### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) JONES ENV. DRILLING, INC.  
 Address: Street or RFD 413 FM 1103 City CIBOLO State TEXAS Zip 78108

Signatures: Thomas R Starin 12/28/95  
 Licensed Driller/Pump Installer Date  
 \_\_\_\_\_ Owner of Well Date  
 \_\_\_\_\_ Trainee/Apprentice Date

Please use black ink.

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

### State of Texas PLUGGING REPORT

(This form must be completed and filed with the TNRCC within 30 days following the date the well is plugged as required by current statutory law.)

Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

#### A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER CAMP STANLEY STORAGE ACT ADDRESS 25800 RALPH FAIR RD., BOERNE, TX, 78006  
 (Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: BEXAR SAME AS ABOVE GRID # 68-19-3  
 County (Street, RFD or other) (City) (State) (Zip)

3) OWNER'S WELL NO: B5 MW-4 4) WELTYPE (Check):  Water  Monitor  Injection  De-watering

Driller, Pump Installer, or Landowner performing the plugging operations must locate and identify the location of the well within a specific grid on a full scale-gridded County map available from the TNRCC/Installers Certification Program. The location of the well should be denoted within the grid by placing a corresponding dot in the grid to the right. The legal description section below is optional.

LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

#### B. HISTORICAL DATA ON WELL TO BE PLUGGED (If available)

6) Driller N/A License No. \_\_\_\_\_ City \_\_\_\_\_

7) Drilled \_\_\_\_\_ 19\_\_\_\_; 8) Diameter of hole 4 inches; 9) Total depth of well 15.0 feet.

#### C. CURRENT PLUGGING DATA

10) Date well plugged 12/26, 1995.

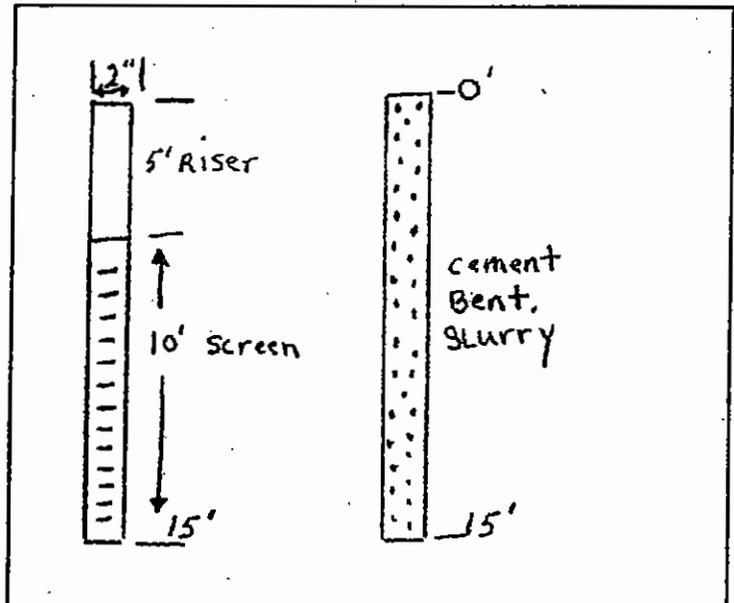
11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.

12) Name of Driller/Pump Installer actually performing the plugging operations  
THOMAS STARIN

License number 4887-M

13) Casing and cementing data relative to the plugging operations:

DIAMETER (inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
N/A		
CEMENT PLUG(S) PLACED IN WELL		SACK(S) OF CEMENT USED
FROM (feet)	TO (feet)	
0	15.0	1



#### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) JONES ENV. DRILLING, INC.

Address: Street or RFD 413 FM 1103 City CIBOLO State TEXAS Zip 78108

Signatures: [Signature] 12/28/95  
 Licensed Driller/Pump Installer Date

\_\_\_\_\_  
 Owner of Well Date

\_\_\_\_\_  
 Trainee/Apprentice Date

White - TNRCC Yellow - Well Owner Pink - Licensed Well Driller/Pump Installer

Please use black ink

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

### State of Texas PLUGGING REPORT

(This form must be completed and filed with the TNRCC within 30 days following the date the well is plugged as required by current statutory law.)

Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

#### A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER CAMP STANLEY STORAGE ACT ADDRESS 25800 RALPH FAIR RD. BOERNE, TX. 7800  
 (Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: BEXAR SAME AS ABOVE GRID # 68-19-3  
 County (Street, RFD or other) (City) (State) (Zip)

3) OWNER'S WELL NO: B5 MW-5 4) WELLTYPE (Check):  Water  Monitor  Injection  De-watering

5)

Driller, Pump Installer, or Landowner performing the plugging operations must locate and identify the location of the well within a specific grid on a full scale-gridded County map available from the TNRCC/Installers Certification Program. The location of the well should be denoted within the grid by placing a corresponding dot in the grid to the right. The legal description section below is optional.

LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

#### B. HISTORICAL DATA ON WELL TO BE PLUGGED (if available)

6) Driller N/A License No. \_\_\_\_\_ City \_\_\_\_\_

7) Drilled \_\_\_\_\_ 19\_\_\_\_; 8) Diameter of hole 4 inches; 9) Total depth of well 14.0 feet.

#### C. CURRENT PLUGGING DATA

10) Date well plugged 12/26, 19 95.

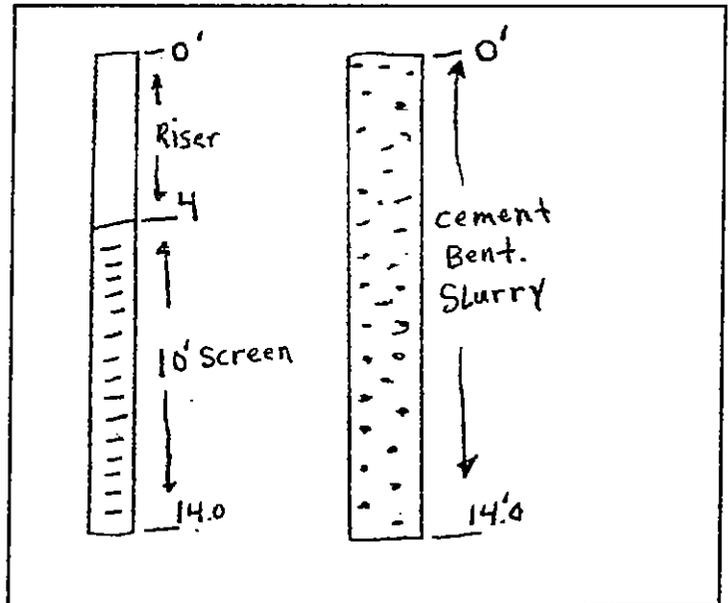
11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.

12) Name of Driller/Pump Installer actually performing the plugging operations  
THOMAS STARIN

License number 4387-M

13) Casing and cementing data relative to the plugging operations:

DIAMETER (inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
N/A		
CEMENT PLUG(S) PLACED IN WELL		SACK(S) OF CEMENT USED
FROM (feet)	TO (feet)	
0	14.0	1



#### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) JONES ENV. DRILLING, INC.

Address: Street or RFD 413 FM 1103 City CIBOLO State TEXAS Zip 78108

Signatures: [Signature] 12/28/95  
Licensed Driller/Pump Installer Date

Owner of Well Date

Trainee/Apprentice Date

White - TNRCC Yellow - Well Owner Pink - Licensed Well Driller/Pump Installer

Please use black ink.

File WHITE COPY with:  
TNRCC  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

### State of Texas PLUGGING REPORT

(This form must be completed and filed with the TNRCC  
within 30 days following the date the well is plugged as  
required by current statutory law.)

Texas Water Well Drillers Advisory Council  
P.O. Box 13087  
Austin, TX 78711-3087  
512-239-0530

#### A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER CAMP STANLEY STORAGE ACT ADDRESS 25800 RALPH FAIR RD. BOERNE, TX. 78006  
 (Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: SAME AS ABOVE GRID # 68-19-3  
 County BEXAR (Street, RFD or other) (City) (State) (Zip)

3) OWNER'S WELL NO: B5 MW-6 4) WELL TYPE (Check):  Water  Monitor  Injection  De-watering

Driller, Pump Installer, or Landowner performing the plugging operations must locate and identify the location of the well within a specific grid on a full scale-gridded County map available from the TNRCC/Installers Certification Program. The location of the well should be denoted within the grid by placing a corresponding dot in the grid to the right. The legal description section below is optional.

LEGAL DESCRIPTION:

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_

Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_

Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

#### B. HISTORICAL DATA ON WELL TO BE PLUGGED (if available)

6) Driller N/A License No. \_\_\_\_\_ City \_\_\_\_\_

7) Drilled \_\_\_\_\_ 19\_\_\_\_; 8) Diameter of hole 4 inches; 9) Total depth of well 19.4 feet.

#### C. CURRENT PLUGGING DATA

10) Date well plugged 12/26, 1995

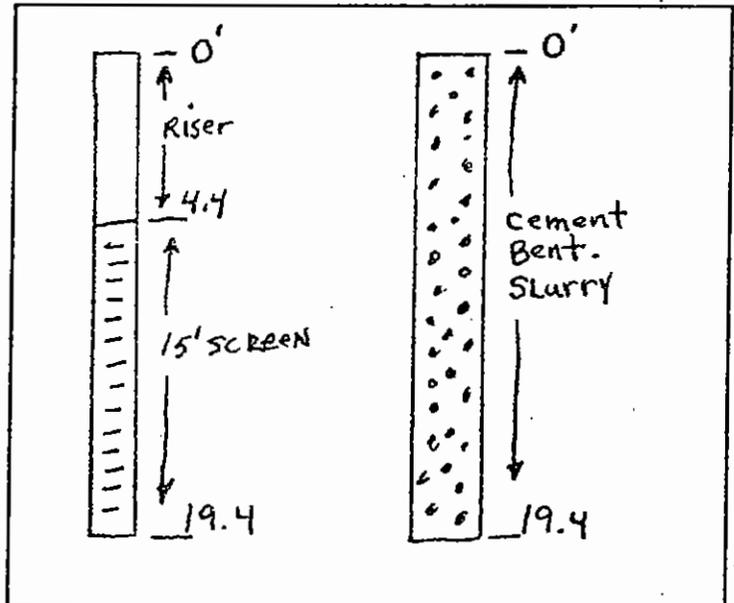
11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.

12) Name of Driller/Pump Installer actually performing the plugging operations  
THOMAS STARIN

License number 4887-M

13) Casing and cementing data relative to the plugging operations:

DIAMETER (Inches)	CASING LEFT IN WELL	
	FROM (feet)	TO (feet)
N/A		
CEMENT PLUG(S) PLACED IN WELL		SACK(S) OF CEMENT USED
FROM (feet)	TO (feet)	
0	19.4	1



#### D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name (type or print) JONES ENV. DRILLING, INC.

Address: Street or RFD 413 FM 1103 City CIRILO State TEXAS Zip 78108

Signatures: [Signature] 12/28/95  
 Licensed Driller/Pump Installer Date

Owner of Well Date

Trainee/Apprentice Date

White - TNRCC Yellow - Well Owner Pink - Licensed Well Driller/Pump Installer

ATTACHMENT B  
4 AUGUST 1995 LETTER

John Hall, *Chairman*  
Pam Reed, *Commissioner*  
R. B. "Ralph" Marquez, *Commissioner*  
Dan Pearson, *Executive Director*



## TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

*Protecting Texas by Reducing and Preventing Pollution*

August 4, 1995

CERTIFIED MAIL

Mr. Paul B. Oliver  
Department of the Army  
Camp Stanley Storage Activity  
P.O. Box 690627  
San Antonio, TX 78269-0627

Re: Subsurface Release of Hydrocarbons, Camp Stanley Storage Activity, Tanks 3, 4, and 6, 25800 Ralph Fair Road, Boerne (Bexar County), Texas (LPST ID No. 101264)

Dear Mr. Oliver:

We have completed our review of all available file information pertaining to the above-referenced incident. After careful review of all the data provided and pursuant to Title 30, Texas Administrative Code (TAC), Section 334.78 - 334.81, we conclude that the following information should be provided to this office:

1. Furnish a copy of completion data and plugging/abandonment documentation for well MW-5, and
2. Submit a copy of the October 1994 monitoring event report.

After review of the above information, a decision will be made regarding closure of this site, as review of the Risk Assessment revealed only this information to be outstanding. Should you have any questions relating to the risk assessment review, please contact Ms. Liz Scaggs at 512/239-2200. Please reference the LPST ID Number when making inquiries. Your cooperation in this matter has been appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Alan Batcheller".

Alan Batcheller, Coordinator  
Responsible Party Remediation Section  
Petroleum Storage Tank Division

ARB/LAS/mel  
101264.rev

cc: James Bard, TNRCC Region 13 Field Office, 210/490-3096  
(140 Heimer Road, Suite 360, San Antonio, Texas 78232-5042)

ATTACHMENT C  
COMPLETION DATA AND PLUGGING AND ABANDONMENT REPORT  
FOR WELL MW-5

Please use black ink.  
 File WHITE COPY with:  
 Texas Natural Resource  
 Conservation Commission  
 P.O. Box 13087  
 Austin, Texas 78711-3087  
 Phone (512) 239-0530

State of Texas

**PLUGGING REPORT**

(This form must be completed and filed with the TNRC  
 within 30 days following the date the well is plugged as  
 required by current statutory law.)

TNRC  
 Water Well Drillers  
 Advisory Council  
 P.O. Box 13087  
 Austin, Texas 78711-3087  
 Phone (512) 239-0530

**A. Well Identification and Location Data**

- 1) Owner Camp Stanley Storage Act. Address 25800 Ruff Fair Rd Boerne, Tx 78006  
 (Name) # 5 (Street or RFD) (City) (State) (Zip)
- 2) Owner's Well Number \_\_\_\_\_
- 3) Location of Well: County Bexar 19 miles in NW direction from San Antonio, Tx.  
 (N.E., S.W., etc.) (Town)

Legal description:

Driller or other person performing the plugging operations must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Section No. \_\_\_\_\_ Block No. \_\_\_\_\_ Township \_\_\_\_\_  
 Abstract No. \_\_\_\_\_ Survey Name \_\_\_\_\_  
 Distance and direction from two intersecting section lines or survey lines: \_\_\_\_\_

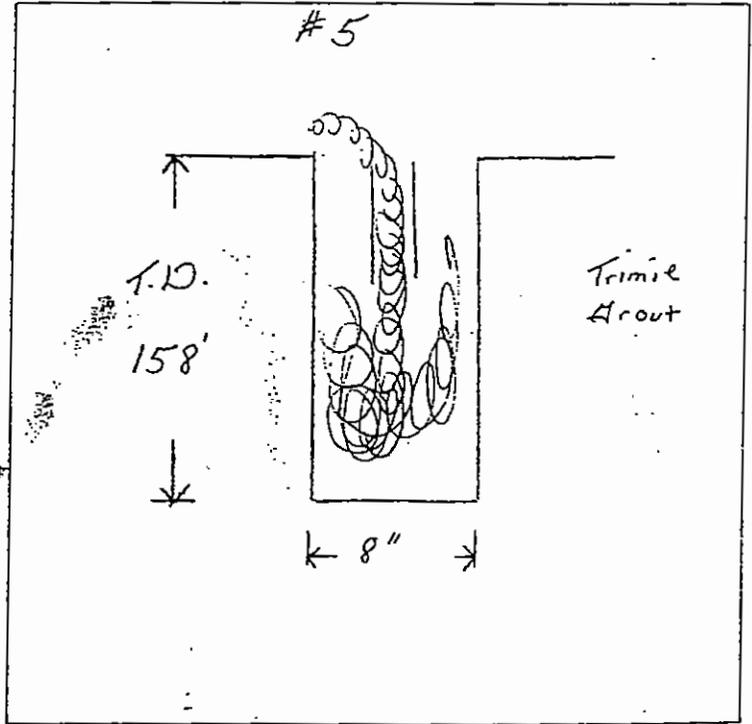
See Attached map.

**B. Historical Data on Well To Be Plugged (if available)**

- 4) Driller N/A License Number \_\_\_\_\_ City \_\_\_\_\_  
 5) Drilled \_\_\_\_\_ 19\_\_\_\_; 6) Diameter of hole \_\_\_\_\_ inches; 7) Total depth of well \_\_\_\_\_ feet.

**C. Current Plugging Data**

- 8) Date well plugged 9-29, 19 94.
- 9) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.
- 10) Name of Driller or other person actually performing the plugging operations Donald Shows  
 if a water well driller plugged the well, give the driller's license no. 2022W
- 11) Casing and cementing data relative to the plugging operations:



Diameter (inches)	Casing Left in Well	
	From (feet)	To (feet)
8"	0	20'
Cement Plug(s) Placed in Well		Sack(s) of cement used
From (feet)	To (feet)	
0	158'	37

**D. Validation of Information Included in Form**

I hereby certify that this well was plugged by me (or under my supervision) and that all of the statements herein are true and accurate to the best of my knowledge and belief.

Company or Individual's Name Layne Environmental (Type or Print)  
 Address 6718 Northwind Dr. Houston Tx.  
 (Street or RFD) (City) (State) (Zip)  
 (Signed) Donald E Shows Sr. (Signed) \_\_\_\_\_  
 (Person performing plugging operations) (Owner of Well)

For TNRC use only  
 WELL NO. \_\_\_\_\_  
 LOCATION ON MAP \_\_\_\_\_

2021

Water Wells in Lake Fort Worth Reservation and vicinity, Bexar County, Texas

Well No.	Location Camp Name, Number or Owner	Driller	Date Completed	Depth of well (in)	Diam- eter of well (in)	Geo-logic formation	Depth below measur- ing point (ft)	Date of measur- ment	Method of lift	Use of water	Remarks
1	R. 830.3 N. 690.1 Gravel pit north well	-	-	240	6	Clun hose	-	-	Cyl, G	A	Jack pump; power from well 661 by pull rods. Pump 13 gallons a minute. Capacity of pump, 13 gal a min
2	R. 830.3 N. 695.9 Gravel pit middle well	-	-	240	6	do.	-	-	Cyl, G	A	
3	R. 830.3 N. 695.0 Gravel pit south well	-	-	240	6	do.	134	185 1943	Cyl, G	A	Wells 660, 661, & 662 supply water to troops in maneuver area.
4	R. 830.7 N. 695.4 Doopmansmidt	-	-	241	6	do.	195 1943	Apr 1943	-	A	Elevated wooden storage, 6,000 gal 2-in pipe line to gravel pit ells small concrete elevated storage tank.
5	R. 832.7 N. 696.4 S. George	-	-	-	-	do.	-	-	Cyl, G, W	A	
6	R. 837.5 N. 696.4 Sgt. Titus	-	-	-	5	do.	124	Apr 1943	Cyl, G, W	A	Capacity of pump approx 10 gal a minute
7	R. 828.1 N. 692.4 Sgt. Malone	-	-	-	-	-	-	-	Cyl, W	A	Pump capacity 4 gal a minute. Elevated wooden storage, 1,800 gallons, concrete ground storage 16,000 gallons
8	R. 823.3 N. 692.2 Camp Stanley 5	-	1918	400	-	Clun hose	285	1918	None	-	
9	R. 826.7 N. 692.2 Camp Stanley 13	-	-	-	-	-	-	-	None	N	Bar north fence.
10	R. 828.8 N. 692.2 Camp Stanley 14	-	-	-	-	-	-	-	None	N	Do.
11	R. 829.0 N. 692.2 Camp Stanley 15	-	-	-	-	-	-	-	None	N	Do.

**ATTACHMENT D**  
**OCTOBER 1994 MONITORING EVENT REPORT**

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION  
PRODUCT STORAGE TANK  
MONITORING EVENT SUMMARY AND STATUS REPORT

Complete All Applicable Blanks.

Date: 2-16-96

GENERAL INFORMATION	
LPST ID NO.: 101264	Assigned TNRCC Coordinator: Mr. Daniel Benson
Facility ID No.: 32776	
Responsible Party: U.S Army, Camp Stanley Storage Activity, RRAD	
Facility Name: Camp Stanley Storage Activity, Building 5	
Facility Address: 25800 Ralph Fair Road	
Facility City: Boerne	County: Bexar
Reporting Period: 10/94 to present	
Reporting Frequency: <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semiannually (check one)	

PHASE-SEPARATED PRODUCT AND TOTAL FLUIDS RECOVERY AND FLUID DISPOSITION
Number of monitoring wells impacted with phase-separated product: one
Product recovery method: bail
Amount of product recovered during previous reporting period: ~0.5 gallons. Total gallons to date: approx. 60
Amount of total fluids recovered during previous reporting period: 0 gallons. Total gallons to date: 4.2
Disposition of all fluids recovered during previous quarter, including purged groundwater: _____
Fluids pumped, transported, and disposed of by Alamo Petroleum Exchange at their recycling facility.
Disposal manifest attached.

SAMPLING EVENT
Date samples were collected: 20 October 1994
List monitoring wells sampled: T3-MW1, T3-MW2, B5-MW1, B5-MW2, B5-MW4, B5-MW5, B5-MW6
Date analyses performed: 21 October 1994
Were any holding times exceeded? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO (check one) If yes, explain: _____
_____
_____

**GAUGING EVENT**

Date all monitoring wells were gauged: 19 October 1994

Groundwater flow direction: North

Was the static groundwater level above the top of the well screen in any wells?  YES or  NO (check one) If yes, indicate which wells: \_\_\_\_\_

Is the aquifer:  unconfined  semi-confined  confined (check one)

**STATUS**

Number of existing monitoring wells: 8

Were any existing monitoring wells damaged?  YES or  NO (check one) If yes, explain: \_\_\_\_\_

Has the groundwater contaminant plume been defined?  YES or  NO (check one)

Any ongoing assessment activities?  YES or  NO (check one) If yes, indicate type of assessment activities:

p1693Y

Any ongoing remediation activities?  YES or  NO (check one) If yes, indicate type of remediation:

Also, discuss the effectiveness of this remedial technology at this site: N/A

**STATUS (continued)**

Any significant changes in the subsurface conditions?  YES or  NO (check one) If yes, explain: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**REPORT PREPARATION**

Project Manager: Paul Loudermilk

Company: Parsons Engineering Science, Inc. PM No.: 812 Expiration date: 10/10/96

Telephone No.: (210) 979-9700 Fax No.: (210) 979-8008

Signature: Paul Loudermilk Date: 2-16-96

Corrective Action Specialist: Parsons Engineering Science, Inc.

Company: Parsons Engineering Science, Inc. CAS No.: 101 Expiration date: 10/04/96

Telephone No.: (210) 979-9700 Fax No.: (210) 979-8008

Signature: Paul Loudermilk Date: 2-16-96

Name of Responsible Party contact: Brian K. Murphy

Telephone No.: (210) 698-5208

Fax No.: (210) 221-7463

Date: 16 Feb 96

Signature: Brian K. Murphy

**ATTACHMENTS:**

- Cumulative list of analytical results
- Copy of most recently drafted groundwater gradient map
- Cumulative list of groundwater-level and phase-separated product thickness measurements if applicable
- When a remediation system is installed at the site, include:
  - Total contaminant removal graph
  - Cumulative tables indicating operating measurements

**Groundwater Sample Analytical Results  
LPST 101264**

Sample ID	Date of Collection	Analytical Compound				
		TPH (mg/L)	Total BTEX (mg/L)	MTBE (mg/L)	Total Lead (mg/L)	TDS (mg/L)
<b>Phase 2 results</b>						
B-15 *	11/14/91	--	0.794	--	--	--
B-17	11/14/91	--	0.526	--	--	--
<b>1992-93 Groundwater Monitoring</b>						
<b>1st monitoring period**</b>						
T3-MW1	6/26/92	7.4	34.70	ND	--	--
T3-MW2	6/26/92	8.9	49.06	ND	--	--
B5-MW1	6/26/92	16	54.52	ND	ND	--
B5-MW100	6/26/92	15	56.69	ND	--	--
B5-MW2	6/26/92	7.7	32.77	0.53	ND	--
B5-MW4	6/26/92	11	79.70	3.7	--	570
B5-MW5	6/26/92	6	0.89	0.083	0.1	--
B5-MW6	6/26/92	3.8	3.35	ND	--	--
B5-MW600	6/26/92	3.9	3.23	ND	--	--
Field blank	6/26/92	ND	ND	ND	--	--
Rinsate I <sup>+</sup>	6/17/92	ND	ND	--	0.1	--
<b>2nd monitoring period**</b>						
T3-MW1	9/14/92	14	31.30	ND	0.1	--
T3-MW100	9/14/92	11	31.50	ND	ND	--
T3-MW2	9/14/92	13	53.30	ND	0.2	--
B5-MW1	9/14/92	12	39.70	ND	ND	--
B5-MW2	9/14/92	5.3	29.95	1.4	ND	--
B5-MW4	9/14/92	18	80.20	5.6	ND	--
B5-MW5	9/14/92	0.8	0.69	0.220	ND	--
B5-MW6	9/14/92	4.5	5.4	ND	ND	--
<b>3rd monitoring period**</b>						
T3-MW1	12/16/92	13	36.70	--	--	--
B5-MW4	12/16/92	8.8	30.07	--	--	--
B5-MW400	12/16/92	9.8	30.25	--	--	--
B5-MW5	12/16/92	4.6	9.10	--	--	--
B5-MW6	12/16/92	3.7	1.43	--	--	--
Equipment rinsate	12/16/92	ND	0.045	--	--	--
<b>4th monitoring period**</b>						
T3-MW2	4/15/93	5.6	36.89	--	--	--
B5-MW1	4/15/93	9.2	39.30	--	--	--
B5-MW2	4/15/93	10.0	45.30	--	--	--
B5-MW200	4/15/93	9.5	42.10	--	--	--
B5-MW4	4/15/93	16	--	--	--	--
B5-MW5	4/15/93	ND	1.418	--	--	--
B5-MW6	4/15/93	4.6	3.563	ND	--	--
Trip blank I	4/15/93	ND	ND	--	--	--
Equipment rinsate	4/15/93	ND	ND	--	--	--



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Client: Engineering-Science, Inc.  
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Austin, TX 78754  
Attn: Michelle Town 719-6000

Report #: 52430 Page 1  
Report Date: 11/2/94

Project Description: #726392.01 CSSA 1994-1995 LPST  
Sample Name: T3-MW01 Matrix: Water  
Date/Time Taken: 10/20/94 10:35:00 Date/Time Received: 10/21/94 9:30:00

Report of Analysis

Parameter	Result	Units	MDL/POL(1)	Blank	Date Analyzed	Test Method
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	0.95	mg/L	0.2	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/24/94	602&8020
Benzene *	2900	µg/L	100	<1	10/24/94	602&8020
Ethylbenzene	2200	µg/L	100	<1	10/24/94	602&8020
m-Xylene	5100	µg/L	100	<1	10/24/94	602&8020
o-Xylene	3100	µg/L	100	<1	10/24/94	602&8020
p-Xylene	2300	µg/L	100	<1	10/24/94	602&8020
Toluene	11000	µg/L	100	<1	10/24/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Hopkins Haden

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**Client:** Engineering-Science, Inc.  
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Attn: Michelle Town 719-6000

**Report #:** 52431 **Page 1**  
**Report Date:** 11/2/94

**Project Description:** #726392.01 CSSA 1994-1995 LPST

**Sample Name:** T3-MW02

**Matrix:** Water

**Date/Time Taken:** 10/20/94 9:15:00

**Date/Time Received:** 10/21/94 9:30:00

### Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/POL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	<0.2	mg/L	0.2	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/24/94	602&8020
Benzene	580	µg/L	10	<1	10/24/94	602&8020
Ethylbenzene	<10	µg/L	10	<1	10/24/94	602&8020
m-Xylene	83	µg/L	10	<1	10/24/94	602&8020
o-Xylene	39	µg/L	10	<1	10/24/94	602&8020
p-Xylene	65	µg/L	10	<1	10/24/94	602&8020
Toluene	58	µg/L	10	<1	10/24/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Hopkins Haden

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**Report #:** 52432 **Page 1**  
**Report Date:** 11/2/94

**Project Description:** #726392.01 CSSA 1994-1995 LPST

**Sample Name:** B5-MW01

**Matrix:** Water

**Date/Time Taken:** 10/20/94 8:40:00

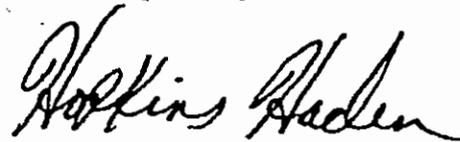
**Date/Time Received:** 10/21/94 9:30:00

### Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	0.89	mg/L	0.2	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/24/94	602&8020
Benzene	1700	µg/L	10	<1	10/24/94	602&8020
Ethylbenzene	560	µg/L	10	<1	10/24/94	602&8020
m-Xylene	1400	µg/L	10	<1	10/24/94	602&8020
o-Xylene	790	µg/L	10	<1	10/24/94	602&8020
p-Xylene	740	µg/L	10	<1	10/24/94	602&8020
Toluene	3500	µg/L	10	<1	10/24/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,



Hopkins Haden

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Attn: Michelle Town 719-6000

Report #: 52433 Page 1  
Report Date: 11/2/94

Project Description: #726392.01 CSSA 1994-1995 LPST

Sample Name: B5-MW02

Matrix: Water

Date/Time Taken: 10/20/94 9:00:00

Date/Time Received: 10/21/94 9:30:00

Report of Analysis

Parameter	Result	Units	MDI/PQL(1)	Blank	Date Analyzed	Test Method
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	1.1	mg/L	0.2	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/24/94	602&8020
Benzene	9500	µg/L	100	<1	10/24/94	602&8020
Ethylbenzene	1500	µg/L	100	<1	10/24/94	602&8020
m-Xylene	2000	µg/L	100	<1	10/24/94	602&8020
o-Xylene	850	µg/L	100	<1	10/24/94	602&8020
p-Xylene	1300	µg/L	100	<1	10/24/94	602&8020
Toluene	4000	µg/L	100	<1	10/24/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Hopkins Haden

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**Client:** Engineering-Science, Inc.  
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**Attn:** Michelle Town 719-6000

**Report #:** 52434 **Page 1**  
**Report Date:** 11/2/94

**Project Description:** #726392.01 CSSA 1994-1995 LPST

**Sample Name:** B5-MW04

**Matrix:** Water

**Date/Time Taken:** 10/20/94 10:50:00

**Date/Time Received:** 10/21/94 9:30:00

### Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	1.2	mg/L	0.2	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/24/94	602&8020
Benzene	20000	µg/L	100	<1	10/24/94	602&8020
Ethylbenzene	760	µg/L	100	<1	10/24/94	602&8020
m-Xylene	2200	µg/L	100	<1	10/24/94	602&8020
o-Xylene	1300	µg/L	100	<1	10/24/94	602&8020
p-Xylene	1000	µg/L	100	<1	10/24/94	602&8020
Toluene	11000	µg/L	100	<1	10/24/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Hopkins Haden

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**Report #:** 52435 **Page 1**  
**Report Date:** 11/2/94

**Project Description:** #726392.01 CSSA 1994-1995 LPST

**Sample Name:** B5-MW05

**Matrix:** Water

**Date/Time Taken:** 10/20/94 11:05:00

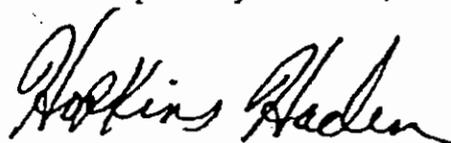
**Date/Time Received:** 10/21/94 9:30:00

### Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	<0.2	mg/L	0.2	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/24/94	602&8020
Benzene	2000	µg/L	20	<1	10/24/94	602&8020
Ethylbenzene	960	µg/L	20	<1	10/24/94	602&8020
m-Xylene	740	µg/L	20	<1	10/24/94	602&8020
o-Xylene	250	µg/L	20	<1	10/24/94	602&8020
p-Xylene	750	µg/L	20	<1	10/24/94	602&8020
Toluene	750	µg/L	20	<1	10/24/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,



Hopkins Haden

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**Client:** Engineering-Science, Inc.  
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Austin, TX 78754  
Attn: Michelle Town 719-6000

**Report #:** 52436 **Page 1**  
**Report Date:** 11/7/94

**Project Description:** #726392.01 CSSA 1994-1995 LPST  
**Sample Name:** B5-MW06 **Matrix:** Water  
**Date/Time Taken:** 10/20/94 11:20:00 **Date/Time Received:** 10/21/94 9:30:00

### Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	<0.2	mg/L	0.2	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-8260/MTBE	—				10/25/94	624 & 8260
Benzene	440	µg/L	5	<5	10/25/94	624 & 8260
Ethylbenzene	150	µg/L	5	<5	10/25/94	624 & 8260
m,p-Xylenes	120	µg/L	5	<5	10/25/94	624 & 8260
MTBE	<10	µg/L	10	<10	10/25/94	624 & 8260
o-Xylene	16	µg/L	5	<5	10/25/94	624 & 8260
Toluene	19	µg/L	5	<5	10/25/94	624 & 8260

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Hopkins Haden

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Client: Engineering-Science, Inc.  
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Attn: Michelle Town 719-6000

Report #: 52437 Page 1  
Report Date: 11/2/94

Project Description: #726392.01 CSSA 1994-1995 LPST

Sample Name: T3-MW0200

Matrix: Water

Date/Time Taken: 10/20/94

Date/Time Received: 10/21/94 9:30:00

Report of Analysis

Parameter	Result	Units	MDL/PQL(1)	Blank	Date Analyzed	Test Method
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	0.24	mg/L	0.2	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/24/94	602&8020
Benzene	<1	µg/L	1	<1	10/24/94	602&8020
Ethylbenzene	<1	µg/L	1	<1	10/24/94	602&8020
m-Xylene	<1	µg/L	1	<1	10/24/94	602&8020
o-Xylene	<1	µg/L	1	<1	10/24/94	602&8020
p-Xylene	<1	µg/L	1	<1	10/24/94	602&8020
Toluene	<1	µg/L	1	<1	10/24/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,

Hopkins Haden

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**Report #:** 52438 **Page** 1  
**Report Date:** 11/2/94

**Project Description:** #726392.01 CSSA 1994-1995 LPST

**Sample Name:** Equipment Blank

**Matrix:** Water

**Date/Time Taken:** 10/20/94 8:30:00

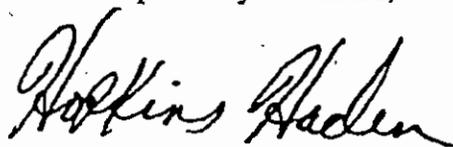
**Date/Time Received:** 10/21/94 9:30:00

### Report of Analysis

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Metals dig.-HNO3	—				10/24/94	3015
Petroleum hydrocarbons	<0.2	mg/L	0.2.	<0.2	11/1/94	418.1
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/24/94	602&8020
Benzene	4.2	µg/L	1	<1	10/24/94	602&8020
Ethylbenzene	<1	µg/L	1	<1	10/24/94	602&8020
m-Xylene	1.4	µg/L	1	<1	10/24/94	602&8020
o-Xylene	<1	µg/L	1	<1	10/24/94	602&8020
p-Xylene	<1	µg/L	1	<1	10/24/94	602&8020
Toluene	3.5	µg/L	1	<1	10/24/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

Respectfully submitted,



Hopkins Haden

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Client: Engineering-Science, Inc.  
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Attn: Michelle Town 719-6000

Report #: 52439 Page 1  
Report Date: 11/2/94

Project Description: #726392.01 CSSA 1994-1995 LPST

Sample Name: B5-Drum

Matrix: Water

Date/Time Taken: 10/20/94 12:15:00

Date/Time Received: 10/21/94 9:30:00

Report of Analysis

Parameter	Result	Units	MDL/PQL(1)	Blank	Date Analyzed	Test Method
Metals dig.-IINO3	—				10/24/94	3015
Petroleum hydrocarbons	1.1	mg/L	0.2	<0.2	11/1/94	418.1
pH	7.9	pH units			10/22/94	150.1&9040
Lead/GFAA	<0.001	mg/L	0.001	<0.001	10/24/94	239.2&7421
Volatile organics-BTEX/602	—				10/27/94	602&8020
Benzene	680	µg/L	10	<1	10/27/94	602&8020
Ethylbenzene	110	µg/L	10	<1	10/27/94	602&8020
m-Xylene	210	µg/L	10	<1	10/27/94	602&8020
o-Xylene	100	µg/L	10	<1	10/27/94	602&8020
p-Xylene	130	µg/L	10	<1	10/27/94	602&8020
Toluene	460	µg/L	10	<1	10/27/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

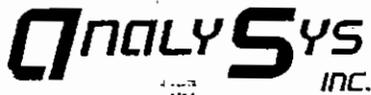
Respectfully submitted,

Hopkins Haden

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**Report #:** 52440 **Page 1**  
**Report Date:** 10/31/94

**Project Description:** #726392.01 CSSA 1994-1995 LPST  
**Sample Name:** TB-2 **Matrix:** Water  
**Date/Time Taken:** 10/20/94 **Date/Time Received:** 10/21/94 9:30:00

**Report of Analysis**

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL/PQL(1)</u>	<u>Blank</u>	<u>Date Analyzed</u>	<u>Test Method</u>
Volatle organics-BTEX/602	—				10/27/94	602&8020
Benzene	<1	µg/L	1	<1	10/27/94	602&8020
Ethylbenzene	<1	µg/L	1	<1	10/27/94	602&8020
m-Xylene	<1	µg/L	1	<1	10/27/94	602&8020
o-Xylene	<1	µg/L	1	<1	10/27/94	602&8020
p-Xylene	<1	µg/L	1	<1	10/27/94	602&8020
Toluene	<1	µg/L	1	<1	10/27/94	602&8020

1. Method Detection Limit (MDL), principally for inorganics, or Practical Quantitation Limit (PQL), principally for organics by GC or GC/MS.

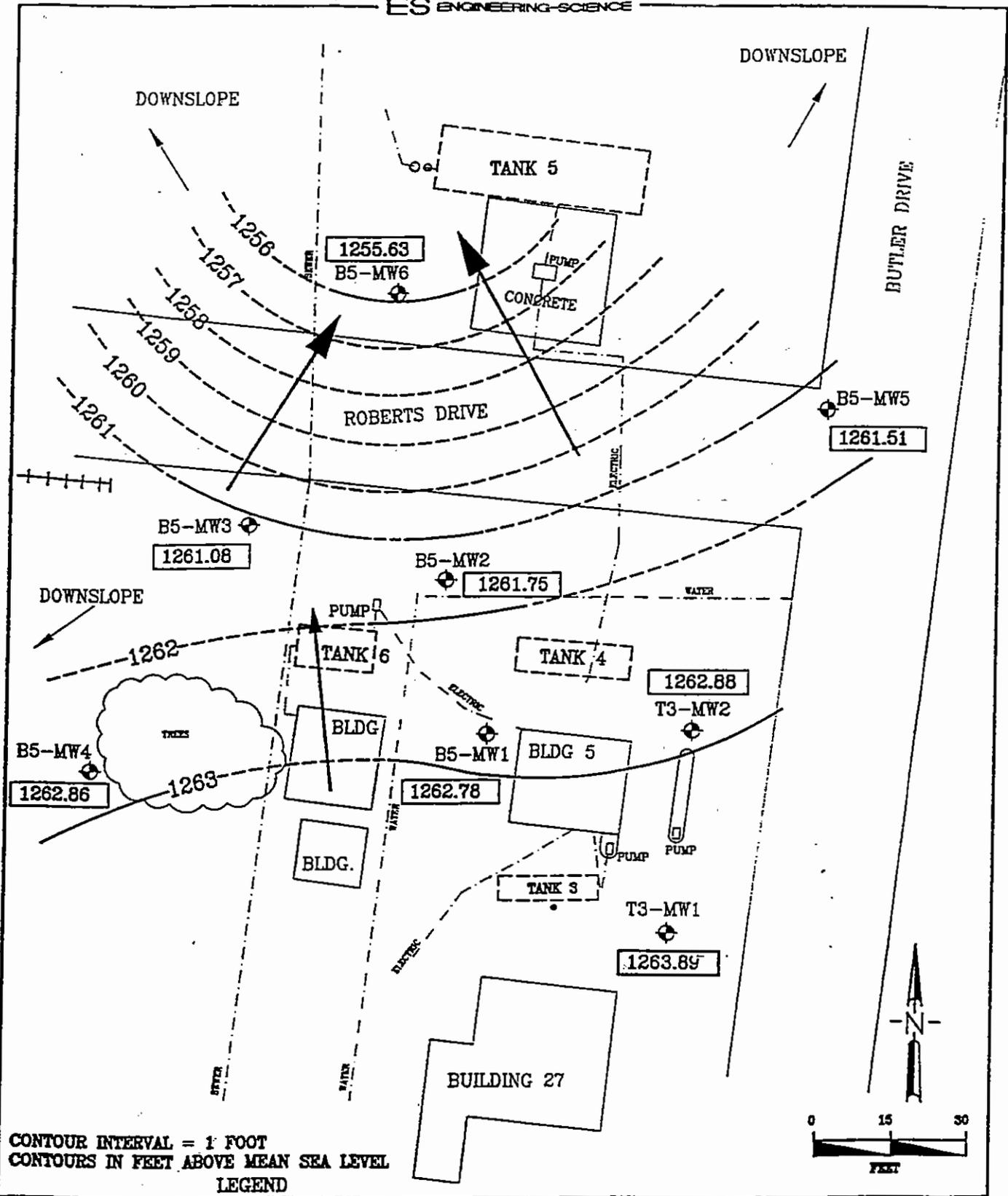
Respectfully submitted,

Hopkins Haden

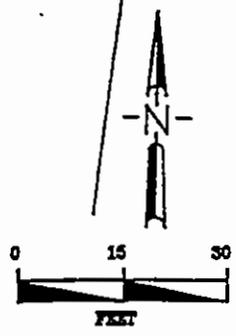
All method numbers denote USEPA procedures unless otherwise stated. "< or Less than" values reflect the nominal detection or quantitation limit (MDL/PQL) of the method employed.

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CONTOUR INTERVAL = 1 FOOT  
 CONTOURS IN FEET ABOVE MEAN SEA LEVEL  
**LEGEND**



	T3-MW 1	MONITORING WELL
	5	GROUNDWATER CONTOUR
		DASHED WHERE APPROXIMATE
	3.56	GROUNDWATER ELEVATION
		NOT SAMPLED AT THIS TIME
		UNDERGROUND PIPING
		UNDERGROUND STORAGE TANK
		UNDERGROUND GROUNDWATER FLOW DIRECTION

### TANKS 3, 4, AND 6 GROUNDWATER GRADIENT MAP

OCTOBER 1994

CSSA GW MONITORING

REFERENCE: HORIZONTAL LAND SURVEYING MAPS, 1991

**Well Data and Groundwater Elevations  
LPST 101264**

Well Data	Monitoring Well ID							
	T3-MW1	T3-MW2	B5-MW1	B5-MW2	B5-MW3	B5-MW4	B5-MW5	B5-MW6
<b>Well data<sup>1</sup></b>								
Installation data								
Ground elevation (ft MSL)	6/8/92	6/8/92	6/10/92	6/10/92	6/11/92	6/11/92	6/11/92	6/12/92
Elevation of PVC casing (ft MSL)	1,273.62	1,273.31	1,273.48	1,272.75	1,272.35	1,271.46	1,271.51	1,271.69
Total depth drilled (ft BGL)	1,273.26	1,273.02	1,273.13	1,272.50	1,272.06	1,271.29	1,271.09	1,271.15
Elevation of bottom <sup>2</sup> (ft MSL)	16.6	15.0	15.3	15.0	15.0	11.8	14.1	19.0
Total depth of PVC casing (ft BGL)	1,256.66	1,258.02	1,257.83	1,257.50	1,257.06	1,259.49	1,256.99	1,252.15
Amount of screened PVC (ft)	16.6	15.0	15.3	15.0	15.0	11.8	14.1	19.0
Screened Interval (ft BGL)	10.0	10.0	10.0	10.0	10.0	8.0	10.0	15.0
Elevation of screen <sup>2</sup> (ft MSL)	6.42-16.42	4.82-14.82	5.12-15.12	4.82-14.82	4.82-14.82	3.62-11.62	3.92-13.92	3.82-18.82
Groundwater elevation measurements								
1992-93 Groundwater monitoring								
<b>Monitoring period 1: June-August, 1992</b>								
Measurement date	7/8/92	7/8/92	7/8/92	7/8/92	7/8/92	7/8/92	7/8/92	7/8/92
Depth to groundwater (ft BTOC)	11.19	11.80	11.53	10.94	11.18	10.10	10.41	16.39
Groundwater elevation <sup>2</sup> (ft MSL)	1,262.07	1,261.22	1,261.60	1,261.36	1,260.88*	1,261.19	1,260.68	1,254.76
PSH lens thickness (ft)	NA	NA	NA	NA	<0.01	NA	NA	NA
pH <sup>3</sup>	7.10	6.98	6.93	6.94	NA	7.07	6.96	6.96
Temperature <sup>3</sup> (°F)	..	..	..	..	..	..	..	..
Specific conductivity <sup>3</sup> (µS/cm)	574	604	585	646	NA	633	470	508
<b>Monitoring period 2: September-November, 1992</b>								
Measurement date	9/10/92	9/10/92	9/10/92	9/10/92	9/10/92	9/10/92	9/10/92	9/10/92
Depth to groundwater (ft BTOC)	11.36	11.83	11.76	11.31	11.66	10.53	10.53	16.57
Groundwater elevation <sup>2</sup> (ft MSL)	1,261.90	1,261.19	1,261.37	1,261.19	1,260.40*	1,260.76	1,260.56	1,254.58
PSH lens thickness (ft)	NA	NA	NA	NA	<0.01	NA	NA	NA
pH	7.32	7.17	6.93	6.90	NA	6.91	7.07	7.24
Temperature (°F)	81.3	80.8	83.3	84.0	NA	82.1	82.1	81.7
Specific conductivity (µS/cm)	715	751	811	869	NA	958	758	643

Well Data	Monitoring Well ID							
	T3-MW1	T3-MW2	B5-MW1	B5-MW2	B5-MW3	B5-MW4	B5-MW5	B5-MW6
Measurement date	11/19/93	11/19/93	11/19/93	11/19/93	11/19/93	11/19/93	11/19/93	11/19/93
Depth to groundwater (ft BTOC)	11.44	11.90	11.71	11.54	11.85	10.49	10.49	16.49
Groundwater elevation <sup>2</sup> (ft MSL)	1,261.82	1,261.12	1,261.42	1,260.96	1,260.21	1,260.80	1,260.60	1,254.66
PSH lens thickness (ft)	NA	NA	NA	NA	<0.01	NA	NA	NA
pH	--	--	--	--	NA	--	--	--
Temperature (°F)	--	--	--	--	NA	--	--	--
Specific conductivity (µS/cm)	--	--	--	--	NA	--	--	--
1994-95 Groundwater monitoring								
Monitoring period 1: September-November 1994								
Measurement date	10/19/94	10/19/94	10/19/94	10/19/94	10/19/94	6/15/93	6/15/93	6/15/93
Depth to groundwater (ft BTOC)	9.37	10.14	10.35	10.75	10.98	8.43	9.58	15.52
Groundwater elevation <sup>2</sup> (ft MSL)	1,263.89	1,262.88	1,262.78	1,261.75	1,261.08	1,262.86	1,261.51	155.63
PSH lens thickness (ft)	NA	NA	NA	NA	ND	NA	NA	NA
pH <sup>4</sup>	6.67	6.45	6.25	6.25	NA	6.41	6.85	7.05
Temperature (°F)	78.62	76.46	75.38	76.46	NA	77.34	82.22	82.76
Specific conductivity <sup>4</sup> (µS/cm)	770	835	738	970	NA	918	667	632

1 Well casing is 2-inch-diameter, schedule 40 PVC with factory-slotted 0.020-inch screen. Bottom cap = 0.18 inches.

2 Calculated by subtracting measured value from surveyed TOC casing.

3 Measured June 26, 1992. Temperature probe not working.

4 Temperature, pH, conductivity meter malfunction.

\* Groundwater elevation adjusted after calculating for PSH lens thickness.

\*\* Lens thickness based on April 9, 1993, measurement.

\*\*\* Groundwater elevation was also measured at 10.90 feet on 6/15/93. PSH recovery was not performed until 6/23/93.

Abbreviations:

- ft BGL = feet below ground level
- ft MSL = feet above mean sea level
- ft BTOC = feet below top of casing
- µS/cm = microsiemens per centimeter
- PSH = phase separated hydrocarbons
- NA = not applicable
- = not tested
- ND = not detected when measured



# NON-HAZARDOUS MANIFEST

## GENERATOR

GENERATOR NAME AND ADDRESS U.S. ARMY CAMP STANLEY - TROOP ACTIVITY 25000 RALPH FAIR PLAZA BEENE, TX PHONE NO. 610 696-5768	GENERATING LOCATION/ADDRESS BUILDING 5  PHONE NO. ( )
--	--

GENERATOR'S US EPA ID NO.	STATE GENERATOR'S ID:
---------------------------	-----------------------

DESCRIPTION OF WASTE	WASTE CODE	QUANTITY	UNITS	CONTAINERS		TYPE
				NO.	TYPE	
PURE WATER		50	GALS			D - DRUM C - CARTON B - BAG T - TRUCK P - POUNDS Y - YARDS O - OTHER

GENERATOR AUTHORIZED AGENT NAME BRIAN K. MURPHY	SIGNATURE <i>Brian K. Murphy</i>	SHIPMENT DATE 16 Feb 96
--	-------------------------------------	----------------------------

## TRANSPORTER

TRUCK NO. 160	PHONE NO. 1-800-322-5085
------------------	-----------------------------

TRANSPORTER NAME ALAMO PETROLEUM EXCHANGE	DRIVER NAME (PRINT) J E GUYER
--	----------------------------------

ADDRESS 454 SOLEDAD, STE. 100 SAN ANTONIO, TX 78205	VEHICLE LICENSE NO./STATE 2A1E-038, TX
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US EPA ID NO. TXD987991866	VEHICLE CERTIFICATION
----------------------------	-----------------------

STATE TRANSPORTER'S ID: 41654
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I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE <i>J E Guyer</i>	SHIPMENT DATE 2-16-96	DRIVER SIGNATURE	DELIVERY DATE
--------------------------------------	--------------------------	------------------	---------------

## DESTINATION

SITE NAME	PHONE
-----------	-------

ADDRESS
---------

US EPA ID NO.	STATE FACILITY'S ID:
---------------	----------------------

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT	SIGNATURE	RECEIPT DATE
--------------------------	-----------	--------------



# NON-HAZARDOUS MANIFEST

## GENERATOR

GENERATOR NAME AND ADDRESS U.S. ARMY, CAMP STANLEY STORAGE ACTIVITY 25600 RALPH FAIR ROAD FIFEENE, TX PHONE NO. (214) 415-5248	GENERATING LOCATION/ADDRESS <b>SAME</b>  PHONE NO. ( )
--	---

GENERATOR'S US EPA ID NO.	STATE GENERATOR'S ID:
---------------------------	-----------------------

DESCRIPTION OF WASTE	WASTE CODE	QUANTITY	UNITS	CONTAINERS		TYPE
				NO.	TYPE	
RESIDUE FROM TRIPLE-RIP-SINK		80	GALES			D - DRUM C - CARTON B - BAG T - TRUCK P - POUNDS Y - YARDS O - OTHER
OF EIGHT 55-GALLON DRUMS						

GENERATOR AUTHORIZED AGENT NAME <b>BRIAN K. MURPHY</b>	SIGNATURE <i>Brian K. Murphy</i>	SHIPMENT DATE <b>16 Feb 96</b>
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## TRANSPORTER

TRUCK NO. <b>160</b>	PHONE NO. <b>1-800-322-5085</b>
-------------------------	------------------------------------

TRANSPORTER NAME <b>ALAMO PETROLEUM EXCHANGE</b>	DRIVER NAME (PRINT) <b>JOE GUCKENBERG</b>
---	--

ADDRESS <b>454 SOLEDAD, STE. 100 SAN ANTONIO, TX 78205</b>	VEHICLE LICENSE NO./STATE <b>2HK-03871</b>
---	---

US EPA ID NO. <b>TXD987991866</b>	STATE TRANSPORTER'S ID: <b>41654</b>
--------------------------------------	---

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.	I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.
--	--

DRIVER SIGNATURE <i>Joe Guckenberg</i>	SHIPMENT DATE <b>2-16-96</b>	DRIVER SIGNATURE	DELIVERY DATE
---	---------------------------------	------------------	---------------

## DESTINATION

SITE NAME	PHONE
-----------	-------

ADDRESS
---------

US EPA ID NO.	STATE FACILITY'S ID:
---------------	----------------------

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

NAME OF AUTHORIZED AGENT	SIGNATURE	RECEIPT DATE
--------------------------	-----------	--------------

RECEIVING TICKET

ALAMO PETROLEUM EXCHANGE  
 454 SOLEDAD, STE. 100  
 SAN ANTONIO, TX 78205  
 1-800-322-5085  
 (210) 225-0888  
 TXD 987991866 TWC 41654



NO. R **035561**

2-16 19 96

P.O. NUMBER 721397-08

WORK ORDER # 22702

START TIME 4:00 AM/PM

STOP TIME \_\_\_\_\_ AM/PM

TOTAL TIME \_\_\_\_\_

GAUGE

OPEN \_\_\_\_\_ FT. \_\_\_\_\_ IN.

CLOSE \_\_\_\_\_ FT. \_\_\_\_\_ IN.

TOTAL \_\_\_\_\_ FT. \_\_\_\_\_ IN.

FROM: U.S. ARMY CAMP STANLEY

ADDRESS: 25800 RUTH FAIR ROAD

CITY: BEENING, TX

BILL TO: PARSONS ENGINEERING-SCIENCE

8000 CENTER PARK DR, #200 AUSTIN TX 78754

LEASE NAME: \_\_\_\_\_ LEASE#: \_\_\_\_\_

GROSS BBLs. \_\_\_\_\_ - BS & W \_\_\_\_\_ % QTY. = NET BBLs. \_\_\_\_\_

GROSS GALLONS \_\_\_\_\_ - BS & W \_\_\_\_\_ % QTY. = NET GAL. \_\_\_\_\_

TEMPERATURE \_\_\_\_\_ GRAVITY \_\_\_\_\_ FACTOR \_\_\_\_\_ TANK NO. \_\_\_\_\_

PRODUCT	GROSS QTY.	NET QTY.	UNIT (G/B/D)	UNIT PRICE	TOTAL
<u>PURGE WATER</u>	<u>50</u>		<u>6</u>		
<u>RINSE WATER</u>	<u>50</u>		<u>6</u>		
<u>Household Waste 1 L</u>					
<u>Benzene</u>	<u>1</u>		<u>6</u>		
<u>1 Methyl 2 Propyl #1</u>					

THE ABOVE LISTED PRODUCT(S) HAS BEEN ACCURATELY DESCRIBED TO THE BEST OF MY KNOWLEDGE AND IS NON-HAZARDOUS ACCORDING TO 40 CFR 262.11 AND CONTAINS NO PCBs.

[Signature]  
 COMPANY REPRESENTATIVE

[Signature]  
 ALAMO REPRESENTATIVE

101  
 TRUCK NO.

ALL SALES SUBJECT TO CONDITIONS ON REVERSE SIDE  
 WHITE - OFFICE CANARY - BILLING PINK - FILE GOLD - CUSTOMER