

FINAL

**ENVIRONMENTAL CONDITION OF
PROPERTY REPORT**

**HOUSTON #3
U.S. ARMY RESERVE CENTER (TX041)
6903 PERIMETER PARK DRIVE
HOUSTON, TEXAS 77041**

Prepared For:

**U.S. Army Corps of Engineers — Louisville District
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February 8, 2007

CERTIFICATION

All information/documentation provided accurately reflects the environmental condition of the property. This ECP Report is in general accordance with the U.S. Department of Defense (DoD) requirements for completion of an Environmental Condition of Property (ECP) Report.

JAMES WHEELER II
Chief, Environmental Division
90th Regional Readiness Command

DATE

The undersigned certifies the contents of this report are in general accordance with DoD policies for the completion of an ECP Report.



LENARD GUNNELL, P.G.
Project Geologist
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February 8, 2007
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EXECUTIVE SUMMARY

The Terraine-EnSafe Joint Venture (TEJV), under contract to the U.S. Army Corps of Engineers, Louisville District, has prepared this Environmental Condition of Property (ECP) Report for the Houston #3 U.S. Army Reserve (USAR) Center (Facility ID TX041), hereafter referred to as the "Site" or "USAR Center." The Site is located at 6903 Perimeter Park Drive in Houston, Harris County, Texas.

This ECP Report was conducted in conformance with primary Department of Defense (DoD) and Army guidance, the DoD's Base Redevelopment and Realignment Manual, DoD 4165.77-M, Army regulations and the American Society for Testing and Materials Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys*, as secondary guidance when it was not inconsistent with the primary guidance.

This ECP Report details the history of the property, including the USAR and any prior tenant uses of the Site and the resulting environmental condition of the property.

The USAR Center encompasses 5.537 acres of land with one permanent structure, a 23,075-square-foot facility building with a two-story office area and vehicle maintenance shop. The Site is currently occupied by seven units: 348th Transportation Headquarters, 31st Detachment, 369th Detachment, 453rd Transportation, 614th Detachment, 651st Detachment, and Area Maintenance Support Activity #73.

Based on a review of aerial photographs and U.S. Geological Survey topographical maps dating back to 1944, the Site was an undeveloped lot prior to development by Associated Milk Producers, Inc., in 1979 or 1980. The U.S. government leased the Site from 1987 until it purchased it in 2000. The facility building was constructed in 1979 or 1980.

Areas of potential environmental concern were reviewed and the TEJV found one significant environmental condition relating to the Site. A release occurred during ownership/occupancy of the Site by the Associated Milk Producers, Inc. Contaminated soil and five petroleum underground storage tanks (USTs) were removed from the Site in 1994. Groundwater was not encountered during the tank removal and reported as "not adversely affected." Final closure for the UST removal and soil excavation was issued in 1996 by the Texas Natural Resource Conservation Commission.

In accordance with DoD policy defining the classifications (see S.W. Goodman Memorandum dated October 21, 1996), the Site has been classified as Category 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Table of Contents

EXECUTIVE SUMMARY.....	i
List of Acronyms and Abbreviations	vi
1.0 INTRODUCTION	1
1.1 Purpose of Environmental Condition of Property	1
1.2 Scope of Services	2
1.3 Assumptions and Limitations	3
2.0 SITE LOCATION AND PHYSICAL DESCRIPTION.....	4
2.1 Site Location	4
2.2 Asset Information	4
2.3 Physical Description	5
2.4 Site Hydrology and Geology	6
2.4.1 Surface Water Characteristics	6
2.4.2 Hydrogeological Characteristics	7
2.5 Site Utilities	7
2.6 Water Supply Wells and Septic Systems	7
3.0 SITE HISTORY.....	8
3.1 History of Ownership.....	8
3.2 Past Uses and Operations	9
3.3 Past Use, Storage, Disposal, and Release of Hazardous Substances	11
3.3.1 Past Use and Storage of Hazardous Substances	12
3.3.2 Past Disposal and Release of Hazardous Substances	12
3.4 Past Bulk Petroleum Storage Tanks	13
3.5 Review of Previous Environmental Reports.....	13
3.5.1 Environmental Assessment Survey	13
3.5.2 Polychlorinated Biphenyls	13
3.5.3 Architectural Assessment Report	14
3.5.4 Cultural Resources	14
3.5.5 Asbestos Building Reinspection	14
3.5.6 Radon Building Survey	15
3.5.7 Lead Based Paint Survey Report	15
3.5.8 Environmental and Engineering Facility Assessment	15
3.5.9 Drinking Water Quality Report.....	16
3.5.10 Threatened and Endangered Species Survey.....	16
3.5.11 Environmental Baseline Survey.....	16
3.5.12 Oil-Water Separator Reports	17
4.0 ADJACENT PROPERTIES.....	18

5.0	REVIEW OF REGULATORY INFORMATION.....	20
5.1	Federal Environmental Records	20
5.1.1	Federal National Priorities List Sites within One Mile	20
5.1.2	Federal CERCLA Information System Sites within One-Half Mile ...	21
5.1.3	RCRA Corrective Action Sites within One Mile.....	21
5.1.4	RCRA Transport, Treatment, Storage, and/or Disposal Facilities within One-Half Mile	21
5.1.5	Federal RCRA Small- and Large-Quantity Generators List within One-Quarter Mile.....	21
5.1.6	Federal Emergency Response Notification System List.....	25
5.2	State and Local Environmental Records.....	25
5.2.1	State-Registered Landfills or Solid Waste Disposal Sites within One-Half Mile	25
5.2.2	State-Registered Leaking Petroleum Storage Tank Sites within One-Half Mile	25
5.2.3	State-Registered UST Sites within One-Quarter Mile.....	27
5.2.4	State Spills Incidents	27
5.2.5	Records of Contaminated Public Wells	27
5.2.6	Voluntary Action Program Sites within One-Half Mile.....	27
5.2.7	State Brownfields Program Sites within One-Half Mile.....	30
5.2.8	State-Registered Sites with Engineering Controls within One-Half Mile	30
5.2.9	State-Registered Sites with Institutional Engineering Controls within One-Half Mile	30
5.2.10	State-Registered Dry-Cleaning Facilities within One-Quarter Mile..	30
5.2.11	State-Registered Oil/Gas Wells within One Mile	30
5.3	Tribal Environmental Records.....	30
5.4	Unmapped Sites	31
5.5	Summary of Properties Evaluated To Determine Risk to Site.....	31
6.0	SITE INVESTIGATION AND REVIEW OF HAZARDS	32
6.1	Underground and Aboveground Storage Tanks	32
6.2	Inventory of Chemicals/Hazardous Substances	32
6.3	Waste Disposal Sites.....	33
6.4	Pits, Sumps, Dry Wells, and Catch Basins	33
6.5	Asbestos-Containing Material	33
6.6	PCB-Containing Equipment.....	33
6.7	Lead-Based Paint	33
6.8	Radon	34
6.9	Unexploded Ordnance	34
6.10	Radioactive Materials.....	34

7.0	REVIEW OF SPECIAL RESOURCES.....	35
7.1	Land Use	35
7.2	Coastal Zone Management.....	35
7.3	Wetlands.....	35
7.4	100-Year Flood Plain	35
7.5	Natural Resources	35
7.6	Cultural Resources	36
7.7	Other Special Resources	36
8.0	CONCLUSIONS	37
9.0	REFERENCES	40

List of Tables

Table 1	Historic Ownership Summary of Houston #3 USAR Center.....	8
Table 2	Historical Summary of Houston #3 USAR Center.....	10
Table 3	List of Adjacent Properties	18
Table 4	RCRA Small-Quantity Generator Sites	22
Table 5	Leaking Petroleum Storage Tank Sites	26
Table 6	Underground Storage Tank Sites	28

List of Appendices

Appendix A Figures

Figure 1	General Site Location Map
Figure 2	Site Layout Plan
Figure 3	Facility Building First Floor Plan
Figure 4	Facility Building Second Floor Plan
Figure 5	1918 Hedwig Village Topographic Map
Figure 6	1919 Addicks Topographic Map
Figure 7	1955 Addicks Topographic Map
Figure 8	1970 Hedwig Village Topographic Map
Figure 9	1982 Hedwig Village Topographic Map
Figure 10	1995 Hedwig Village Topographic Map
Figure 11	1944 Aerial Photograph
Figure 12	1953 Aerial Photograph
Figure 13	1969 Aerial Photograph
Figure 14	1979 Aerial Photograph
Figure 15	1986 Aerial Photograph
Figure 16	1996 Aerial Photograph
Figure 17	2002 Aerial Photograph

Figure 18 Coastal Zone Map Houston-Galveston Area

Figure 19 National Wetlands Inventory

Figure 20 FEMA Flood Plain Map

Appendix B Site Reconnaissance Photographs

Appendix C Chain-of-Title Report

Appendix D Previous Environmental Reports

Appendix E Regulatory Database Search Reports

List of Acronyms and Abbreviations

ACM	asbestos-containing material
AMPI	Associated Milk Producers, Inc.
AMSA	Area Maintenance Support Activity
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BRAC	Base Realignment and Closure
BRRM	Base Redevelopment and Realignment Manual
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CFR	Code of Federal Regulations
CORRACTS	Corrective Action Sites
DoD	Department of Defense
E2FA	Environmental and Engineering Facility Assessment
EBS	Environmental Baseline Survey
ECCI	Engineering, Compliance & Construction, Inc.
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
ERNS	Emergency Response Notification System
FEMA	Federal Emergency Management Agency
IHW	Industrial and Hazardous Waste
kg	kilograms
LBP	lead-based paint
LPST	leaking petroleum storage tank
LQG	large-quantity generator
MEP	military equipment parking
NPL	National Priorities List
OWS	oil-water separator

PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
PMT	pole-mounted transformer
POV	privately owned vehicle
RCRA	Resource Conservation and Recovery Act
RQ	reportable quantity
RRC	Regional Readiness Command
SQG	small-quantity generator
TBA	Targeted Brownfields Assessment
TCEQ	Texas Commission on Environmental Quality
TEJV	Terraine-EnSafe Joint Venture
TNRCC	Texas Natural Resource Conservation Commission
TSD	treatment, storage, and disposal
USACE	U.S. Army Corps of Engineers
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USAR	U.S. Army Reserve
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
VWR	vehicle wash rack

1.0 INTRODUCTION

Terraine-EnSafe Joint Venture (TEJV), under contract to the U.S. Army Corps of Engineers (USACE) Louisville District, was authorized to prepare an Environmental Condition of Property (ECP) Report for the Houston #3 U.S. Army Reserve (USAR) Center (Facility ID TX041), in response to the Base Realignment and Closure Act (BRAC) 2005 legislation. The work was performed under Contract No. W912QR-04-D-0044, Delivery Order No. 0008. The facility located at 6903 Perimeter Park Drive in Houston, Harris County, Texas, is hereafter referred to as the "Site" or "USAR Center." In support of the ECP, a visual inspection of the Site was conducted on August 7, 2006. The purpose of the inspection was to visually obtain information indicating the likelihood of recognized environmental conditions in connection with the Site.

1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY

The Military Department with real property accountability shall assess, determine and document the environmental condition of all transferable property in an ECP Report. This ECP Report is based on readily available information. Pursuant to the Department of Defense's (DoD's) policy, set forth in the Base Redevelopment and Realignment Manual (DoD 4165.66-M, March 1, 2006) Section C8.3 (BRRM), the primary purposes of the ECP Report include the following:

- Provide the Army with information it may use to make disposal decisions.
- Provide the public with information relative to the environmental condition of the property.
- Assist in community planning for the reuse of BRAC property.
- Assist Federal agencies during the property screening process.
- Provide information for prospective buyers.
- Assist prospective new owners in meeting the requirements under U.S. Environmental Protection Agency's (USEPA) "All Appropriate Inquiry" regulations.
- Provide information about completed remedial and corrective actions at the property.
- Assist in determining appropriate responsibilities, asset valuation, and liabilities with other parties to a transaction.

The ECP Report contains the information required to comply with the provisions of 40 Code of Federal Regulations (CFR) Part 373, which require that a notice accompany contracts for the sale of, and deeds entered into, for the transfer of federal property on which any

hazardous substance was stored, released or disposed of. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120(h) stipulates that a notice is required if certain quantities of designated hazardous substances have been stored on the property for one year or more — specifically, quantities exceeding 1,000 kilograms (kg) or the reportable quantity (RQ), whichever is greater, of the substances specified in 40 CFR 302.4 or one kg of acutely hazardous waste as defined in 40 CFR 261.30. A notice is also required if hazardous substances have been disposed of or released on the property in an amount greater than or equal to the RQ. Army Regulation 200-1 requires that the ECP Report address asbestos, lead-based paint (LBP), radon and other substances potentially hazardous to human health.

This ECP Report used the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys* as a guideline when not inconsistent with the BRRM, CERCLA § 120, Army regulations and other applicable Army guidance.

1.2 SCOPE OF SERVICES

This ECP covers the 5.537-acre Houston #3 USAR Center located at 6903 Perimeter Park Drive in Houston, Texas. The property is bordered by the Houston #2 USAR Center to the north, various commercial business/warehouses to the south and west, and Iron Mountain (warehouse and offices) to the east. A general Site location map, Site map, building floor plans, historical topographic maps and aerial photographs, coastal zone map, wetland map, and a flood plain map are provided in Appendix A. Appendix B provides photographs taken during the August 2006 Site reconnaissance. Appendix C provides chain-of-title information. Historical environmental documents and reports, and a Harris County Tax Assessor's Property Record Card are provided in Appendix D. The environmental database report is provided in Appendix E.

This ECP Report classifies the property into one of seven DoD Environmental ECP categories as defined by the S.W. Goodman Memorandum dated October 21, 1996. The property classification categories are as follows:

- Category 1: Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).
- Category 2: Areas where only release or disposal of petroleum products has occurred.
- Category 3: Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.

- Category 4: Areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken.
- Category 5: Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are underway, but all required remedial actions have not yet been taken.
- Category 6: Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented.
- Category 7: Areas that are not evaluated or require additional evaluation.

1.3 ASSUMPTIONS AND LIMITATIONS

This report was prepared to permit formulation of an opinion of the environmental condition of the Site. Opinions on the environmental conditions at the Site are based on information from the Site reconnaissance, interviews, and collection and review of readily available information. New information or changes in property use could require a review and possible modification of the findings and conclusions contained in this report.

The information obtained from the USAR, the USAR's representatives, individuals interviewed, and prior environmental reports were considered to be accurate unless reasonable inquiries indicated otherwise. Conditions observed were considered representative of areas that were not accessible unless otherwise indicated.

This ECP Report presents a summary of readily available information on the environmental conditions of, and concerns relative to, the land, facilities, and real property assets at the Houston #3 USAR Center. Its findings are based on a thorough review of available documents, and a Site reconnaissance conducted on August 7, 2006. Extensive environmental investigations and reports and Site historical documents were reviewed in support of this ECP. Information obtained from these other studies is reflected within this report by reference. A complete list of references is provided as Section 9.0.

All Site buildings were visually inspected during the Site reconnaissance. However, a 100% visual reconnaissance of each building space (e.g., attics, crawl spaces, etc.) was not practical due to accessibility restrictions. No sampling or analysis of any media was conducted during this survey.

2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

The visual Site reconnaissance involving a walking tour of the facility and its perimeter was conducted by TEJV personnel on August 7, 2006, to field-verify information produced in the document review and to identify recognized environmental conditions of property.

A visual reconnaissance of the Site perimeter was conducted to evaluate adjacent property uses that could contribute to any environmental contamination detected on the Site. TEJV personnel drove on roads along the perimeter to visually identify any contiguous properties that appear, in TEJV's professional judgment, to have contamination that could migrate to the Site. The findings of the perimeter survey are presented in Section 4.0.

2.1 SITE LOCATION

The Site is in northwest Houston, Harris County, Texas, within a developed light industrial/commercial area near Beltway 8 and U.S. Highway 290 (Figure 1). The adjacent properties include: Perimeter West Drive then Houston #2 USAR Center to the north, and Perimeter Park Drive and West Little York Road to the east and south, respectively, beyond which are commercial offices and warehouses. There is an abandoned spur of the Southern Pacific Railroad located along the western property boundary, beyond which are commercial businesses/warehouses. Beyond the adjacent properties, the surrounding properties contain office space, light industrial and commercial companies, and gas stations/convenient stores.

2.2 ASSET INFORMATION

Facility Name and Address: Houston #3 USAR Center (TX041)
6903 Perimeter Park Drive
Houston, Texas 77041

Property Owner: U. S. Government

Date of Ownership: 2000

Current Occupant: 348th Transportation Headquarters, 31st Detachment, 369th Detachment, 453rd Transportation, 614th Detachment, 651st Detachment, and Area Maintenance Support Activity (AMSA) #73.

County, State: Harris County, Texas

USGS Quadrangle(s): Hedwig Village, Addicks, Hillendahl

Latitude/Longitude: 29° 52' 7.7" N; 95° 33' 30.2" W

Legal Description All those certain pieces or parcels of land being 5.537 acres out of Reserve "B" of Perimeter Park, Block 2, an addition in the T. Hogan Survey, A-326, lying and situate in the city of Houston, Harris County, State of Texas.

Assessor's Parcel Number: 114-729-002-0001

2.3 PHYSICAL DESCRIPTION

A Site map of the USAR Center is provided as Figure 2 in Appendix A. The interior building layouts for the Site are provided in Figures 3 and 4. Figures 5 through 10 present topographical maps of the Site and Figures 11 through 17 present aerial photographs of the Site. Appendix B contains photographs taken during the August 2006 Site reconnaissance. Photographs 1 through 3 show the inside and outside areas of the facility building. Photographs 4, 5, and 24, show the paved military equipment parking (MEP) areas. Photographs 6, 7, 9, and 10 show the vehicle wash rack (VWR) associated with the AMSA shop and covered secondary containment pallets in the area. Photograph 8 shows the Sage oil-vacuum system and photograph 29 shows a compressor located along the west side of the facility building (office area). Photographs 11 through 23 show the inside and outside areas associated with the AMSA shop. Photographs 24 and 25 show the Site's pole-mounted transformers (PMTs). Photographs 26 and 27 show the loading dock and drain pump. Photograph 28 shows the caged storage area. Photographs 30 through 33 and 37 through 41 show the hazardous/flammable materials storage sheds and spill pallets. Photographs 34 through 36, 42, and 43 show features associated with the MEP area. The adjoining properties are shown in photographs 44 through 48.

Topographically, the Site gently slopes to the southeast. No signs of erosion, excavation, or fill were observed on the Site.

The Site is 5.537 acres in size and rectangular in shape. Approximately 60% of the Site is considered impervious (asphalt parking areas, driveways, concrete walkways, building footprint, etc.). The facility building, 23,075 square feet in size, was constructed in 1979 or 1980. This concrete structure houses offices, classrooms, storage areas, and restrooms. Approximately 7,500 square feet of the building is a mechanic shop, which houses the AMSA shop, break room, restrooms, offices, and storage. An unpaved MEP area encompasses the western half of the Site. This area is used for MEP and storage. An abandoned spur of the Southern Pacific Railroad line bounds the Site to the west; however, some of the railroad was removed in 2005 during construction of a five-warehouse complex to the west of the Site. No further information was available regarding the removal of the railroad line and surrounding soils.

A fence enclosure begins along the corners of the facility building and includes the AMSA shop and MEP area. The office space of the facility building, privately owned vehicle (POV) parking area, and driveways along Perimeter Park Drive are not enclosed by a fence. A separate fence line divides the AMSA shop area from the unpaved MEP area.

Various military vehicles and trailers were located within the paved and unpaved MEP areas during the Site visit, as shown in Photographs 4, 5, 24, 34, and 43. Minor drips were noted under some vehicles, while other vehicles had drip pans under them. Approximately 15 mobile metal container boxes and eight hazardous/flammable materials storage sheds were located in the AMSA shop and MEP area. Most of the container boxes are used for storage and deployment, as shown in Photograph 42. Large ruts from truck tires were noted in the unpaved MEP area.

The Site is currently used as office space, a mechanic shop, and storage for the following occupants: 348th Transportation Headquarters, 31st Detachment, 369th Detachment, 453rd Transportation, 614th Detachment, 651st Detachment, and AMSA #73. The U.S. Government purchased the property from Associated Milk Producers, Inc. (AMPI) in 2000 after leasing it since 1987. The Site was developed in 1979 or 1980 by AMPI, who owned the property from 1979 to 2000.

2.4 SITE HYDROLOGY AND GEOLOGY

2.4.1 Surface Water Characteristics

Figure 10 in Appendix A provides a portion of the 1995 Hedwig Village, Texas U.S. Geological Survey (USGS) topographic map which includes the Site. The Site is shown at an elevation of approximately 105 to 110 feet above mean sea level and is relatively flat. No signs of erosion, excavation, or fill were observed on the Site. In the immediate vicinity of the Site, the land surface slightly slopes towards the southeast.

Nine storm water drains were noted on the Site during the August 2006 Site reconnaissance. In the AMSA and POV parking areas, storm water sheet flows to one of five storm drains. The POV parking area contains two storm drains located along the center of the parking lot. Four storm drains are located in the unpaved MEP area. An additional storm water drain is located along the concrete drive along the northern property boundary. The paved MEP area contains two storm drains. Additional storm drains are located along Perimeter Park Drive for the surrounding areas. Storm water appears to flow south along Perimeter Park Drive towards West Little York Road. Open drainage ditches run parallel to West Little York Road toward municipal storm water drains.

The nearest named surface water body is Cole Creek, approximately 3,400 feet from the Site. An unnamed water feature is located approximately 1,600 feet west of the Site, behind the warehouses to the west and along the Beltway 8 overpass. This feature appears to receive storm water drainage from the adjoining property warehouse parking lots. Another unnamed water feature is located approximately 2,000 feet from the Site at the intersection of Hempstead Highway and West Little York Road.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, the Site is not included in the 100-year or 500-year floodplains.

2.4.2 Hydrogeological Characteristics

According to information acquired from the Soil Conservation Service's State Soil Geographic Database for Harris County, the specific type of soil at the Site is from the Clodine Series. The surface soils are generally silt-clay loams and meet the requirements for a hydric soil. These soil types have very slow infiltration rates impeding downward movement of water and are characterized as soils with loam texture. In a typical profile, the surface layer is approximately 10 inches thick and is fine sandy loam to silt loam. The subsoil is approximately 70 inches thick and is fine sandy loam to sandy clay loam to clay loam.

The coastal lowlands aquifer is the primary aquifer in the Houston area. The coastal lowlands aquifer consists of mostly Miocene and younger unconsolidated deposits that lie above and coastward of the Vicksburg-Jackson confining unit; the deposits extend to land surface. The aquifer system is in the Coastal Plain Physiographic Province and is in all of parts of 51 counties in Texas. In Texas, the aquifer system underlies about 35,000 square miles of level, low-lying coastal plain whose surface rises gradually toward the north and northwest (Engineering, Compliance & Construction, Inc. [ECCI], 2006). Due to the highly developed nature of the Houston area, potential threats to groundwater are numerous and heavy pumping from the aquifer has resulted in substantial drawdown of its potentiometric surface in some areas.

Water supply wells are discussed in Section 2.6.

2.5 SITE UTILITIES

The city of Houston provides water and sanitary sewer services to the Site. The primary source of wastewater that is directed to the city sewer system includes non-process wastewater (from bathrooms, sinks, etc.), and vehicle wash water (after being processed through an oil-water separator [OWS]). CenterPoint Energy provides natural gas service to the Site for heating and Houston Light and Power provides electricity.

2.6 WATER SUPPLY WELLS AND SEPTIC SYSTEMS

Based upon a review of available historical Site and agency records, existing utilities, and interviews with Site personnel, neither a water-supply well nor a septic system has been located at the Site. A search of federal and state water well databases identified 22 water supply sources located within approximately 1 mile of the Site: five federal USGS-registered wells and 17 state-registered water wells. There are no federal Public Water Supply System wells within 1 mile of the Site; however, five of the state water wells are used for individual water supply/usage. Two of the state water wells are located within one-half mile of the Site to the south.

3.0 SITE HISTORY

3.1 HISTORY OF OWNERSHIP

Historical chain-of-title records were obtained from NETR Real Estate Research and Information. NETR's report is provided in Appendix C. Based on the information provided, the following table lists the ownership of the Site within the last 60 years.

Table 1 Historic Ownership Summary of Houston #3 USAR Center			
Grantor	Grantee	Date Recorded	Comments
Martha C. Norris, Individual and Executor of the Estate of W.H. Norris, deceased	Carolina Norris Burgher and C.N. Griffiths	02-03-1953	
Caroline Norris Burgher, C.N. Griffiths and John Morgan	W.D. Haden Company	10-16-1961	
LS Land Company	Lone Star Cement Corporation	02-25-1969	According to NETR, a conveyance into LS Land Company was not located, nor was the conveyance out of W.D. Haden Company. As reported by NETR, it is believed that the LS Land Company was created by the heirs of W.D. Haden.
Lone Star Industries, Inc. formerly known as Lone Star Cement Corporation	Northwest Properties, Ltd.	07-15-1972	
Northwest Properties, Inc.	Vantage Properties, Inc.	03-12-1974	Divided into smaller tracts of land
Vantage Properties, Inc.	Associated Milk Producers, Inc.	10-18-1979	
Associated Milk Producers, Inc.	Southern AMPI, Inc.	01-13-1998	
Dairy Farmers of America, Inc., successor to Southern AMPI, Inc.	United States of America	11-01-2000	

There were no records found for leases, environmental liens, or institutional or engineering controls for the Site.

3.2 PAST USES AND OPERATIONS

According to the chain-of-title, the Site was in the tax records as part of an approximately 49-acre tract of land from 1900 until around 1974. As shown in the county tax block map of 1980 in Appendix D, the Site was a part of a 26-acre restricted reserve plot. The Site is shown as "Restricted Reserve 'B', 5.537 acres." The Site was developed under the ownership of AMPI in 1979 or 1980, at which time the facility building and parking areas were constructed on the Site.

The western property line is bound by an abandoned spur of the Southern Pacific Railroad. Although the Site currently does not use the railroad tracks, it is unknown if they were used during past operations of the Site. Perimeter Park Drive and Perimeter West Drive bound the Site to the east and north, respectively. West Little York Road borders the Site to the south.

The Site was previously used for milk production/dairy operation. According to USAR personnel, the cargo bay areas were used to service milk trucks, including washing out truck milk tanks. The bays were remodeled to accommodate the AMSA shop, including the removal of concrete dividers and the installation of an exhaust ventilation system in the cargo bays. The former Site owner removed underground storage tanks (USTs) and dispensing pumps from the Site in 1994. The U.S. Government leased the property from 1987 until 2000, when the Site was purchased. The Site has been used for office space, MEP, storage, and as a mechanic shop under the lease/ownership of the U.S. Government. Some military training activities are performed at the Site, such as classroom instruction and hazardous materials training.

Renovations to the inside of the facility building were completed in 2002, during which new floors were installed, removing previously identified asbestos-containing flooring, and roof repairs were completed along with other building repairs. According to the 2004 Engineering and Environmental Facility Assessment (E2FA), many improvements and repairs were made between 2002 and 2004 (Department of the Army, 2004). The outside grounds appeared to be maintained. The facility entrance landscaping was replanted in 2004 to address flooding issues. All landscaping and pest control services are reportedly contracted.

Important events in the facility's development, administration, and mission are summarized in Table 2.

Year	Description
1979 to 1980	Site developed with facility building and parking areas.
1987	Site leased by United States of America for use as office space, mechanic shop, military equipment parking, and storage.
1994	Underground storage tanks removed and surrounding soils remediated by former owner.
2000	United States of America purchased the property.
2002	Interior and exterior renovations to the facility building and asbestos removal, including new floor tiles, roof repairs, and landscaping.

Available business directories including Morrison Fourmy Directory Co., Southwestern Bell Yellow Pages, Cole Information Systems, and R. L. Polk Company were reviewed by Environmental Data Resources, Inc. (EDR); EDR's research spanned roughly five-year intervals between 1909 through 1993. City directories did not list the Site address from 1921 to 2003. The first listing for the Site address was in 2004. City directories were not available for review at the local public library. Despite the first listing of the Site in 2004, other historical information shows the Site was developed in 1980.

No historical Sanborn fire insurance maps were available for this Site.

Historical topographic maps and aerial photographs provide information about the Site and surrounding area. Figures 5 through 10 in Appendix A present topographical maps of the Site dated 1918, 1919, 1955, 1970, 1982, and 1995. Figures 11 through 17 present aerial photographs of the Site and surrounding areas dated 1944, 1953, 1969, 1979, 1986, 1996, and 2002.

Pertinent observations on the historical USGS topographic maps are summarized below.

- **1918 and 1919 (Figures 5 and 6).** These figures do not show sufficient details to make any site specific observations.
- **1955 (Figure 7).** The Site is undeveloped. This figure shows buildings on the adjoining property to the west. "Satsuma Oil Field" is approximately 1 mile west/southwest of the Site. Some development is noted south and east of the Site.
- **1970 (Figure 8).** This figure shows no buildings on the Site or adjoining property to the west, and several warehouse/commercial business buildings south of the Site. A railroad spur is shown west of the Site, ending at the businesses shown south of the Site. Development to the south and east of the Site continues.
- **1982 (Figure 9).** This figure shows development of the surrounding areas, but no buildings are shown on the Site.

- **1995 (Figure 10).** This figure shows the adjoining property to the north and east developed, but no buildings are shown for the Site. Perimeter West Drive is shown south of the Site. In this figure, there are no buildings shown on the adjoining property to the west of the Site.

Pertinent observations on the historical aerial photographs are summarized below.

- **1944 and 1953 (Figures 11 and 12).** These figures show the Site undeveloped. Properties to the west are agricultural with a few interspersed residences. The remaining surrounding properties appear undeveloped and/or agricultural.
- **1969 (Figure 13).** This figure shows the Site undeveloped. Properties to the west are agricultural with a few interspersed residences to the southwest. The area south of the Site is shown with warehouse/commercial business development, as well as a railroad spur connected to the main rail lines to the north. The remaining surrounding properties appear undeveloped and/or agricultural.
- **1979 (Figure 14).** This figure shows the Site undeveloped. Properties to the west no longer appear agricultural. The adjoining property to the east has been developed with office space, a warehouse, and parking.
- **1986 (Figure 15).** This figure shows the Site and adjacent properties to the north, east, and south developed much as they were observed during the Site reconnaissance. The adjoining property to the west no longer appears occupied.
- **1996 and 2002 (Figures 16 and 17).** These aerial photographs show the Site, adjacent properties, and the surrounding area in the same configuration as observed during the Site reconnaissance, except for warehouses on the adjoining property to the west, which were constructed in 2005.

3.3 PAST USE, STORAGE, DISPOSAL, AND RELEASE OF HAZARDOUS SUBSTANCES

Information related to the past use and storage of hazardous substances at the Site was compiled through review of available Site records, search of federal and state environmental databases, and interviews with USAR personnel.

Past use, storage, disposal, or releases of hazardous substances is documented for the Site during the former dairy operations. Chemicals such as lubricants, grease, automotive fluids, paint, fuel, and cleaning products have been used or stored at the facility during its use as an USAR Center. Substances would have typically been stored in hazardous/flammable materials storage sheds, storage cages, or covered secondary containment pallets in the fenced MEP area.

3.3.1 Past Use and Storage of Hazardous Substances

Chemicals formerly used and stored at the Site by USAR personnel were associated with vehicle and facility maintenance activities and janitorial services. Most of the hazardous substances used by the USAR were stored in placard cages or hazardous/flammable materials storage sheds. Covered secondary containment pallets and non-covered pallets were also used at the Site. Previous owner's use and storage of hazardous substances are unknown.

Certain types of chemical products used and stored at the Site by the USAR Center would have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct-support-level maintenance. However, there is no indication that CERCLA hazardous substances were stored at the Site for one year or more in excess of corresponding RQs.

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Site was compiled through review of available Site records, search of federal and state environmental databases, and interviews with USAR personnel. According to USAR personnel and Site records, disposal of hazardous materials or hazardous wastes has not occurred on the Site during use as an USAR Center. A release of petroleum did occur during the prior AMPI occupancy.

AMPI had five USTs and a dispenser island with three fuel dispenser pumps on the Site. The USTs were two 10,000-gallon diesel fuel tanks, one 8,000-gallon gasoline tank, one 5,000-gallon waste oil tank, and one 2,000-gallon new oil tank. The tanks were reported by the Texas Commission on Environmental Quality (TCEQ) as being installed in 1973; however, a 1979 aerial photograph does not show any development on the Site. According to records, the 5,000-gallon waste oil UST was capped in 1982 because water was leaking into the tank. The remaining four USTs and associated pipelines were removed in December 1994 by Leak-Tec Corporation for the Site owner. Visual evidence of overfilling was noted during the 1994 tank removal. Soil sampling, analysis, and removal were conducted. Groundwater was not encountered during the tank removal and was reported as "not adversely affected". Final closure was granted by the Texas Natural Resource Conservation Commission (TNRCC) — formerly the TCEQ — in 1996.

No stained soil or stressed vegetation was observed during the August 7, 2006 Site visit. The MEP area and POV parking area did not show any signs of staining, and no noxious or foul odors were noted.

3.4 PAST BULK PETROLEUM STORAGE TANKS

Based upon a review of available Site records, a search of federal and state environmental databases, and interviews with USAR personnel, it does not appear that aboveground storage tanks (ASTs) have been used on the Site. Section 3.3.2 discusses previous USTs on the Site.

The Site has one 479-gallon OWS tank and one 950-gallon OWS tank registered as USTs under TCEQ facility number 40535. TCEQ reported the status of these tanks as "in use." The USTs are part of functioning OWS systems.

There is no record of any spills, leaking USTs, or environmental investigations at the Site since it was purchased by the United States of America.

3.5 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

A review of Site records produced several reports pertaining to the Site. The following subsections provide a brief summary of those reports. Copies of the reports, unless otherwise specified, are in Appendix D.

3.5.1 Environmental Assessment Survey

In 1997, an environmental assessment report was prepared by the U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) that lists the Houston #2 USAR Center in the title (*Environmental Assessment Survey, No. 38-EH-6592-97, 90th Regional Support Command, U.S. Army Reserve Center Houston (02), Texas*), but the environmental assessment survey pertains to the Houston #3 USAR Center. The report summarizes the removal of five USTs and soil excavation activities that took place on the Site in 1994. The report concludes that, although soil contamination was detected, contaminated soils were remediated. Groundwater was not encountered during the tank removal and was reported as "not adversely affected." Final closure for the UST removal was issued in 1996 by the TNRCC.

3.5.2 Polychlorinated Biphenyls

A polychlorinated biphenyl (PCB) assessment was performed by the USACHPPM in 1997 on the Site. The 1997 assessment was performed on the Site and the Houston #2 USAR Center simultaneously and the report lists TX040 (Houston #2 USAR Center) as the location of all transformers. Three PMTs are stated to be at the "back of USAR Center #3", so they are assumed to be on the Houston #3 USAR Center property instead of the Houston #2 USAR Center. According to the USACHPPM report, the PCB content and age of all three PMTs is unknown. The PMTs are owned by Houston Power and Light and were manufactured by Westinghouse Electric. The 1997 report noted that the PMTs were in good condition.

The assessment also discusses five interior electrical transformers: one in the second floor lecture room, two in the second floor electric room, and two in the electric room behind auto maintenance. According to the USACHPPM report, the five interior electrical transformers on the Site are all non-PCB containing, had an unknown age, are owned by the Federal Government, and were manufactured by Square-D or General Electric.

Finally, the USACHPPM report stated that fluorescent lighting at the Site is operated by non-PCB containing ballasts.

3.5.3 Architectural Assessment Report

Parsons Engineering Science, Inc. performed a *Historic Architectural Resources Assessment of the 90th Regional Support Command Facilities in Texas* for the Department of the Army, 90th Regional Readiness Command (RRC) Office of the Engineer. The findings of the assessment were compiled in a report issued in February 1998. The report concluded that the building on the Site was not eligible for placement on the National Register of Historic Places because it did not meet the 50-year age criteria and it did not appear to possess exceptional historical importance. No further architectural surveys were recommended for this Site until the 50-year age criteria is met. The Texas State Historic Preservation Office concurred with the report recommendations in a letter dated July 1997.

3.5.4 Cultural Resources

Parsons Engineering Science, Inc. prepared two reports - *Archaeological Assessment and Reconnaissance of 90th Regional Support Command Facilities in Texas* and *Management Summary, Cultural Resources Assessment of 90th Regional Support Command, Facilities in Arkansas, Louisiana, New Mexico, Oklahoma, and Texas* in February 1998. The assessments concluded that there were no architectural or archaeological issues at the Site. The Site has a "low" archaeological potential and is not eligible for the National Register of Historic Places.

3.5.5 Asbestos Building Reinspection

The Department of the Army prepared a report titled *Asbestos Building Reinspection, Houston #3 U.S. Army Reserve Center, Houston, Texas*, in April 2000 after an asbestos survey was conducted at the Site. The purpose of the re-inspection was to locate asbestos-containing material (ACM) identified in a previous asbestos survey. Eleven building material samples were collected from the facility building, four of which were found to contain asbestos. The following materials were identified as ACM: floor tile and mastic, roof tar and gravel, and roofing white roll. During building renovations in 2002, new flooring was installed and roof repairs were completed. Previously identified floor tile and mastic containing asbestos were removed during the renovations. Written documentation of the roof repairs did not indicate the removal of any ACM. Therefore, the ACM on the roof (roof tar and gravel, and white roll) may still be present at

the Site. Records concerning the ACM removal and building renovations are included in Appendix D.

3.5.6 Radon Building Survey

A radon survey was conducted on the Site in April 2000 (Department of the Army). Survey kits were placed at approximately 2,000-square-foot intervals, and the results were all below 4.0 picocuries per liter (pCi/L), which is the USEPA-recommended residential action level.

3.5.7 Lead Based Paint Survey Report

A LBP survey was conducted at the Site in August 2001 (Department of the Army) to identify structural materials that were contaminated with LBP. Twenty-seven samples were collected from the interior and exterior of the facility building, including the AMSA shop using a Niton Spectrum Analyzer. LBP was found in the older yellow safety paint on the concrete floors in the AMSA shop. No immediate action was deemed necessary by the Department of the Army.

3.5.8 Environmental and Engineering Facility Assessment

E2FA reports were prepared by the Department of the Army in 1997, 2002, and 2004 for the Site and they contain evaluations of real property maintenance activities, energy conservation opportunities, environmental compliance assessment, safety assessment, and space utilization survey. According to the 2002 report, the findings of a 1997 E2FA report were not addressed; therefore, additional damage/deterioration of the building and grounds had occurred over the years. The 2002 report cited the following key building needs:

- install a new roof
- repair the natural gas line piping on the roof
- reseal windows
- repair soffit
- replace air-conditioning units
- perform a mold survey/removal due to visible mold and air quality problems
- paint the facility
- resurface the POV parking lot
- pave MEP area

Environmental concerns listed in the 2002 report included: excessive storage of vehicle paint, vegetation growth and debris around hazardous materials storage sheds, the need for 4-inch sills around the VWR and inside the AMSA shop, mosquito control problems, and the OWS that received wastewater from the VWR was not registered as a UST with the state of Texas.

According to the 2004 report, many improvements and repairs had occurred at the facility, including those related to the roof. The unpaved MEP area still had ruts in the soil. Requests were made for additional security fencing for the front of the facility, and additional parking for weekend training courses held at the facility. Three environmental concerns were identified: material safety and data sheets needed to be available, starter fluid and lighter fluid were located in storage cages instead of flammable materials storage sheds, and a compressed gas cylinder was found on its side instead of upright and chained and properly secured.

3.5.9 Drinking Water Quality Report

Aqua Texas, Inc. assessed the quality of drinking water for the City of Houston in 2003. The Site receives its water services from the City of Houston, which uses the Chicot and Evangeline aquifers. According to the report, the Site's drinking water met or exceeded all federal drinking water requirements.

3.5.10 Threatened and Endangered Species Survey

Parsons Engineering Science, Inc. performed a threatened and endangered species survey at the Site in May 2004. The survey identified federal- and state-listed threatened and endangered species for Harris County. The report concluded that identified species are unlikely to occur at the facility, except for incidental use during migration. The U.S. Fish and Wildlife Services (USFWS) Texas Field Office was also contacted and, according to correspondence, there have been no threatened/endangered species documented on the USAR Center or adjacent properties. This report was not available for review and the above information was obtained from the Environmental Baseline Survey (EBS) report (ECCI, 2005).

3.5.11 Environmental Baseline Survey

An EBS was conducted by ECCI on the Site in January 2005. Two recommendations were listed in the EBS: (1) implement modifications to the VWR area and (2) remove damaged ACM from the facility. "In accordance with the ASTM Designation D 5746-98 for *Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities*," ECCI classified the Site as an ECP Area Type 1 Property. An ECP Area Type 1 Property is an area or parcel of real property where no release or disposal of hazardous substances or petroleum products or their derivatives has occurred, including no migration of these substances from adjacent properties.

3.5.12 Oil-Water Separator Reports

The OWSs on the Site were evaluated in December 1999 and results were presented in the *Oil/Water Separator Evaluation* (EnSafe, 2000). According to that report, there were two OWSs in use on the Site, one with a 500-gallon pre-cast concrete, in-ground chamber at the shop drain and another with a 950-gallon pre-cast concrete, in-ground chamber at the VWR which receives wash/rinse water from a 400-gallon sediment trap. The 950-gallon OWS had 0.5 foot of sludge and the influent chamber had 3 inches of oil on the surface during the EnSafe evaluation, and the 500-gallon OWS had 1 foot of sludge. Effluent from the OWSs discharges to the City of Houston sanitary sewer system. The OWSs are registered as USTs with the TCEQ under facility number 40535.

4.0 ADJACENT PROPERTIES

Figure 17 in Appendix A provides a 2002 aerial view of the Site and adjacent properties. Various light commercial buildings and warehouses are located south, west, and east of the Site, and Houston #2 USAR Center is located north of the Site. Perimeter Park Drive bounds the Site to the east, with Iron Mountain (record management) located beyond. A Southern Pacific Railroad spur bounds the Site to the west, with warehouses constructed in 2005 located beyond. Perimeter West Drive bounds the Site to the north with Houston #2 USAR Center located beyond, and West Little York Road bounds the Site to the south with various light commercial and warehouses beyond. Table 3 provides a list of adjacent properties with their directional location from the Site. There are no zoning ordinances for the city of Houston. Photographs 44 through 48 in Appendix B provide views of adjacent properties and surrounding land-use.

Table 3 List of Adjacent Properties			
Direction From Site	Name/Type of Property	Address	Zoning
North	Perimeter West Drive Houston #2 USAR Center	7077 Perimeter Park Drive	Not Applicable
East	Perimeter Park Drive Iron Mountain - office and warehouse (records management)	15333 Hempstead Highway	Not Applicable
West	Abandoned spur of the Southern Pacific Railroad Various (new)/light commercial, warehouses	10642, 10644, 10646 10648, 10650 West Little York Road	Not Applicable
	Vacant	10642 West Little York Road	
	Vacant	10644 West Little York Road	
	Vacant	10646 West Little York Road	
	Thyssen Krupp Materials NA, Copper and Brass Sales Division	10648 West Little York Road	
	Unknown (automotive glass)	10650 West Little York Road	
South	West Little York Road A&S Steel Building	10555 West Little York Road	Not Applicable

Houston #2 USAR Center — Perimeter Park Drive

Houston #2 USAR Center is located north of the Site. The site has one recorded spill that occurred in 1995 due to vehicle equipment failure. Approximately 25 gallons of diesel fuel were released to the environment. The spill was classified as minor by TCEQ and no additional measures were reported. This facility is considered to represent a low risk to the Site due to TCEQ documentation indicating cleanup of the 1995 spill.

Iron Mountain — Hempstead Highway — East of the Site

Iron Mountain is a records management business that stores and shreds documents. There were no records listed in the environmental databases for this address. This facility is considered to represent a low risk to the Site due to no reported environmental concerns.

Various Newly Constructed Warehouse — West Little York Road

Currently, the warehouse tenants include a sales distribution center and automotive glass company. There were no records in the environmental databases listed for these businesses. These facilities are considered to represent a low risk to the Site due to no reported environmental concerns.

A&S Steel Building — West Little York Road

A&S Steel prefabricates metal buildings and components. The business is located along the southern side of West Little York Road. Based on review of environmental database listings, this facility has been a Resource Conservation and Recovery Act (RCRA) small quantity generator (SQG) of hazardous waste (USEPA ID TXD093577260), and an industrial and hazardous waste (IHW) generator (Texas IHW registration number 30413) since April 1976; the facility status is listed in the TCEQ IHW database as inactive. The last registration date for the facility was in 2004. Four violations were identified as this facility, which attained compliance by April 1989.

A 2,000-gallon UST registered to the facility (62909) in 1969 was reportedly removed in June 1992. There are no registered bulk storage tanks and no records of any spills, leaking tanks, or other environmental investigation at this facility, so it is considered to represent a low risk to the Site.

Appendix A provides historical aerial photographs and topographic maps, and Appendix E provides an environmental database report used to evaluate potential environmental impacts on adjacent properties that may have also impacted the environmental condition at the Site. The construction of five warehouses in 2005 west of the Site is the only recent significant land-use change noted for adjacent properties. Operations on adjacent properties do not appear to have impacted environmental conditions of the Site.

5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP is the review of all reasonably obtainable federal, state, and local government records for the Site and surrounding properties where there has been a release or likely release of any hazardous substance or any petroleum product and that are likely to cause or contribute to a release or threatened release of any hazardous substance or any petroleum product on the federal real property. An environmental database summary was obtained from EDR on July 18, 2006. The environmental database summary consolidates standard federal, state, local, and tribal environmental record sources based on ASTM-defined minimum search distances from the Site. A copy of the complete EDR report is included in Appendix E.

A review of reasonably accessible documents were reviewed to investigate land uses at the Site, including: USAR environmental documents, including where hazardous materials are stored and used on the Site; county and city records and permits; and aerial photographs of the property. Available information on past land uses and their potential impacts was assessed. During the Site visit, two permits were observed: a UST permit for the OWS tanks with facility number 40535, owner identification number 49607, and registration number 84375; and a hazardous waste generator permit with waste generator number 87442.

TEJV conducted multiple interviews with relevant personnel to discuss general environmental interest and specific areas of interest identified during the records review and visual reconnaissance. The interviews included topics of general environmental interest and specific areas of interest identified during the records review and visual Site reconnaissance. Copies of the interview reports are included in Appendix D. Pertinent information from interviews regarding environmental impacts is incorporated into this report.

5.1 FEDERAL ENVIRONMENTAL RECORDS

5.1.1 Federal National Priorities List Sites within One Mile

The National Priorities List (NPL) record is a USEPA list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. NPL sites are targeted for long-term remedial action under CERCLA. According to the environmental database report, no NPL sites are located within one mile of the Site.

5.1.2 Federal CERCLA Information System Sites within One-Half Mile

The CERCLA Information System (CERCLIS) contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies, and persons, pursuant to Section 103 of CERCLA. CERCLIS contains sites that are either proposed to be or are on the NPL, and sites that are in the screening and assessment phase for possible inclusion on the NPL. According to the environmental database report, there are no CERCLIS sites located within a one-half mile of the Site.

5.1.3 RCRA Corrective Action Sites within One Mile

RCRA Corrective Action Sites (CORRACTS) identifies hazardous waste handlers with RCRA corrective action activity. According to the environmental database report, there are no CORRACTS sites located within one mile of the Site.

5.1.4 RCRA Transport, Treatment, Storage, and/or Disposal Facilities within One-Half Mile

The RCRA Information Database is USEPA's comprehensive information system that includes selective data on facilities that treat, store, or dispose (TSD), generate, and transport hazardous waste, as defined by RCRA. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. According to the environmental database report, there are no RCRA TSD facilities located within one-half mile of the Site.

5.1.5 Federal RCRA Small- and Large-Quantity Generators List within One-Quarter Mile

Conditionally exempt SQGs are defined as facilities generating less than 100 kg of hazardous waste or less than 1 kg of acutely hazardous waste per month. RCRA SQGs are defined as facilities generating between 100 and 1,000 kg of hazardous waste per month, while a large-quantity generator (LQG) is defined as a facility generating more than 1,000 kg of hazardous waste or over 1 kg acutely hazardous waste per month.

According to the EDR report, 10 RCRA SQG facilities (including the Site) and one RCRA LQG facility are located within one-quarter mile of the Site. The USAR Center, under the name AMSA #4, is listed as a RCRA SQG and an IHW generator with USEPA ID TX5210099912 and Texas IHW registration number 76552. These registrations are listed as inactive by TCEQ. The Site has been registered as a Texas IHW generator since November 1991. No violations were found under these registrations.

Table 4 includes information from the environmental database report regarding each RCRA SQG facility. These sites are considered to represent low risks to the Site due to their distance from the Site and no reported violations.

Table 4 RCRA Small-Quantity Generator Sites				
Company/Facility ID	Address	Distance and Direction from Site	Status	Elevation Relation to Site
Houston #3 USAR Center (listed in the database as AMSA #4) USEPA ID TX5210099912	6903 Perimeter Park Drive Houston, Texas	Site	No RCRA violations have been reported for this facility. According to the IHW database, this facility first applied to be a hazardous waste facility in 1991. The database lists the last hazardous waste filing in 2004 with an inactive facility status; however, the facility is still an active SQG.	Same
Kranco Crane SXS Inc. USEPA ID TX0000077586	10543 Fisher Road Houston, Texas	Less than 1/8 mile southeast of the Site	This facility is listed as an industrial generator. According to IHW database, this facility first applied to be a hazardous waste facility in June 1994. The database lists the last hazardous waste filing in 2004 with an inactive facility status. No RCRA violations have been reported for this site. The current business is Texas Steel Production.	Lower
Kilsby Services USEPA ID TXD980795868	10554 Fisher Road Houston, Texas	Less than 1/8 mile southeast of the Site	This facility is listed as an industrial generator. According to the IHW database, this facility first applied to be a hazardous waste facility in October 1981. The database lists the last hazardous waste filing in 2003 with an inactive facility status. No RCRA violations have been reported for this site. No signs identifying the current business were observed during the Site reconnaissance.	Lower

Table 4
RCRA Small-Quantity Generator Sites

Company/Facility ID	Address	Distance and Direction from Site	Status	Elevation Relation to Site
Turbotech Inc. USEPA ID TXR000000455	10533 Fisher Road Houston, Texas	Less than 1/8 mile southeast of the Site	This facility is listed as a non-industrial generator. The IHW database does not list the date this facility first applied as a hazardous waste facility. The database lists the last hazardous waste filing in 2004 with an inactive facility status. No RCRA violations have been reported for this site. The current business is TL Precision Welding and Vien Thong Tu.	Lower
SPM Houston Manufacturing USEPA ID TX0000941591	7131 Perimeter Park Drive Houston, Texas	Less than 1/8 mile north of the Site	This is an active facility with no RCRA violations reported. According to the IHW database, the facility first registered to be a hazardous waste facility in October 1994. No RCRA violations have been reported. The current business is United Plastics Group, Inc.	Higher
A&S Building Systems Inc. USEPA ID TXD093577260	10555 Fisher Road Houston, Texas	Less than 1/8 mile southwest of the Site	Several minor RCRA violations were reported for this facility in 1989; however, compliance was achieved for all violations. According to the industrial waste database, the facility first registered to be a hazardous waste facility in 1976. The database lists the last hazardous waste filing in 2003 with an inactive facility status. No signs on building identifying the current business were observed during the Site reconnaissance.	Higher

Table 4
RCRA Small-Quantity Generator Sites

Company/Facility ID	Address	Distance and Direction from Site	Status	Elevation Relation to Site
NITA Industries Inc. USEPA ID TXD096027131	10549 West Little York Road Houston, Texas	Less than 1/8 mile southwest of the Site	This facility is listed as an industrial generator. According to the IHW database, this facility first applied to be a hazardous waste facility in October 1985. The database lists the last hazardous waste filing in 2002 with an inactive facility status. No RCRA violations have been reported for this site. TEJV was unable to locate this address during the Site reconnaissance.	Higher
Akzo Coatings Inc. USEPA ID TXD988066593	6630 Roxburch Drive Suite 140 Houston, Texas	Approximately 636 feet south of the Site	No RCRA violations have been reported for this facility, which is no longer occupying the building at this address.	Lower
Pathfinder Energy Services Inc. USEPA ID TXR000039511	15151 Sommermeyer Street Houston, Texas	Approximately 1,089 feet south of the Site	The environmental database lists this site as a RCRA conditionally exempt SQG and a RCRA SQG. No RCRA violations have been reported for this facility. The main office building for this facility is located at 15151 Sommermeyer Street, and the warehouse/production is located at 15102 Sommermeyer Street.	Lower
Encon USEPA ID TXD988049953	6825 West Sam Houston North Parkway Houston, Texas	Approximately 1,131 feet west/northwest of the Site	No RCRA violations have been reported for this facility. Site located.	Higher

The only facility with reported violations is A&S Steel Building Systems. Minor RCRA violations were reported for A&S Steel Building Systems in 1989; however, compliance was achieved for all violations, and no other violations have been reported. This property is considered to represent a low risk to the Site due to its distance and compliance record since 1989.

Galvon Industries Inc. (USEPA ID TXD192020204), located less than one-eighth mile from the Site at 10531 Fisher Road, is a RCRA LQG. According to the environmental database report, the Galvon Industries facility manufactures paints, varnishes, lacquers, enamels and associated products. Several generator-requirement notices of violations were listed for this facility in 1999, but compliance was achieved for each violation. This site is at a lower elevation than the USAR Center and it is considered to represent a low risk to the Site.

5.1.6 Federal Emergency Response Notification System List

The Emergency Response Notification System (ERNS) List is used to record and store information on reported releases of oil and hazardous substances. According to the environmental database report, the Site is not listed on the ERNS List.

5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS

The regulatory information presented below was obtained from the regulatory database search report. Supplemental information was provided from TCEQ database searches at www.tceq.state.tx.us.

5.2.1 State-Registered Landfills or Solid Waste Disposal Sites within One-Half Mile

Solid Waste Facilities/Landfill sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. According to the environmental database report, no state-registered landfill or solid waste disposal sites are within one-half mile of the Site.

5.2.2 State-Registered Leaking Petroleum Storage Tank Sites within One-Half Mile

According to the environmental database report, three leaking petroleum storage tank (LPST) sites are located within one-half mile of the Site. The Site itself is a LPST site. Table 5 lists the sites along with their addresses and elevations relative to the Site. TEJV researched and reviewed files in the TCEQ office in Houston and visually observed each site in the field. As shown in Table 5, all three sites have received closure approval from TCEQ, indicating no further remedial action is required and that residual

petroleum contamination does not pose a concern for human health or the environment. TCEQ documentation has been included in Appendix D. These sites are considered to represent a low risk to the Site, due to previous corrective actions and current closed status.

Table 5 Leaking Petroleum Storage Tank Sites				
Site Name/ Facility Number	Address	Distance and Direction from Site	Status	Elevation Relative to Site
Houston #3 USAR Center 0040535 (USTs owned by former Site owner — AMPI)	6903 Perimeter Park Drive Houston, Texas	Site	A release to the Site was reported in February 1995 by the former owner. Soil contamination was remediated. Groundwater was not encountered during the tank removal and was reported as “not adversely affected”. The case was closed and final concurrence was issued in a TNRCC closure letter dated April 8, 1996.	Same
Speedy Stop 308 0029261	15830 Northwest Freeway Houston, Texas	Approximately 2,063 feet north/northwest of the Site	A release was reported in July 1989. Groundwater was impacted; the case was closed and final concurrence was issued in a TCEQ closure letter dated October 2004.	Higher
Shell Retail Fuel Facility 0033032	15835 Northwest Freeway Houston, Texas	Approximately 2,162 feet north/northwest of the Site	A release was reported in November 2001. Groundwater was impacted; the case was closed and final concurrence was issued in a TCEQ closure letter dated January 2003.	Higher

AMPI had five USTs and a single dispenser island with three fuel dispenser pumps on the Site. The tanks were reported as being installed in 1973; however, a 1979 aerial photograph does not show any development on the Site. According to records, the 5,000-gallon waste oil tank was capped in 1982, because water was leaking into the tank. The remaining four tanks and associated pipelines were removed in December 1994 by Leak-Tec Corporation for AMPI. Visual evidence of overfilling was noted during the removal of the tanks. Soil sampling and analysis, along with soil removal was conducted in 1994. Groundwater was not encountered during the tank removal and was reported as “not adversely affected.” Final closure was granted by TNRCC in 1996.

5.2.3 State-Registered UST Sites within One-Quarter Mile

USTs are regulated under RCRA Subtitle I and must be registered with the state department responsible for administering the UST program. The environmental database report identified eight UST sites within one-quarter mile of the Site. The Site itself is a UST site. Table 6 summarizes the UST sites identified. There are no reported releases associated with these active sites, except for the Site itself which was discussed in Section 5.2.2.

The Site has two OWS tanks registered as USTs, a 479-gallon tank and a 950-gallon tank, under TCEQ facility number 0040535. The status of these tanks is reported as "in use."

5.2.4 State Spills Incidents

One spill was listed on the Texas Spills database at Houston #2 USAR Center (7707 Perimeter Park Drive) adjacent to the north side of the Site. A diesel spill, caused by equipment failure from a vehicle, occurred in May 1995. The report was classified as "minor" by TCEQ, and no additional measures were reported by TCEQ. This facility is considered to represent a low risk to the Site due to TCEQ documentation indicating cleanup of the 1995 spill.

5.2.5 Records of Contaminated Public Wells

Based on information available from the environmental database report, there are no known contaminated public wells within one mile of the Site.

5.2.6 Voluntary Action Program Sites within One-Half Mile

Brownfields sites are included on the Superfund Voluntary Cleanup, Oversight, and Assistance Program listing. Also includes sites for which incentives have been offered by the state for remediating oil- and gas-related pollutants by participants, as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup. According to the environmental database report, no state-registered Voluntary Action Program Sites are located within one-half mile of the Site.

Table 6 Underground Storage Tank Sites				
Site Name/Facility Number	Address	Distance and Direction from Site	Status	Elevation Relative to Site
Houston #3 USAR Center 0040535	6903 Perimeter Park Drive Houston, Texas	Site	One 5,000-gallon waste oil UST was capped in 1982. Two 10,000-gallon diesel USTs, one 8,000-gallon gasoline UST, and one 2,000-gallon new oil UST were removed in 1994. One 479-gallon UST and one 950-gallon UST are currently in use.	Same
Grogan-Hazel Steel Inc 0047425	10547 Fisher Road Houston, Texas	Less than 1/8 mile southeast of the Site	One 2,000-gallon gasoline UST has been removed. This business is still active.	Lower
Nita Industries Inc 0018787	10549 West Little York Road Houston, Texas	Less than 1/8 mile southwest of the Site	One 1,800-gallon gasoline UST has been removed. TEJV was unable to locate this address during the Site reconnaissance.	Higher
A&S Steel Building 0062909	10555 West Little York Road Houston, Texas	Less than 1/8 mile southwest of the Site	One 2,000-gallon UST has been removed. The content of the UST was not reported. There was no sign to identify the business occupying the building.	Higher
TD Industries Inc. 0058159	6950 West Sam Houston North Parkway Houston, Texas	Approximately 828 feet west of the Site	Two 6,000-gallon USTs have been removed from the ground. The contents of the USTs were not reported.	Higher
Van Leeuwen Pipe and Tube Corporation 0018766	15333 Hempstead Road Houston, Texas	Approximately 995 feet northwest of the Site	Two 8,000-gallon diesel USTs have been removed. The property is currently occupied by Iron Mountain (records management).	Higher
Valero Corner Store 1406 0059205	6666 West Sam Houston North Parkway Houston, Texas	Approximately 1,088 feet west/southwest of the Site	Three 12,000-gallon gasoline USTs are currently in use.	Higher

Table 6 Underground Storage Tank Sites				
Site Name/Facility Number	Address	Distance and Direction from Site	Status	Elevation Relative to Site
C JS Shell 0067097	10707 West Little York Road Houston, Texas	Approximately 1,259 feet west of the Site	Two 10,000-gallon gasoline USTs are currently in use.	Higher
Speedy Stop 308 0029261	15830 Northwest Freeway Houston, Texas	Approximately 2,063 feet north/northwest of the Site	Three 9,564-gallon gasoline and one 9,728-gallon gasoline USTs are currently in use.	Higher

5.2.7 State Brownfields Program Sites within One-Half Mile

Included in the listing are brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties targeted by Targeted Brownfields Assessments (TBA). The TBA program is designed to assist states, tribes, and municipalities in minimizing the uncertainties of contamination often associated with brownfields. Under the TBA program, USEPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. TBA supplement and work with other efforts under USEPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. According to the environmental database report, no brownfield sites are located within one-half mile of the Site.

5.2.8 State-Registered Sites with Engineering Controls within One-Half Mile

Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. According to the environmental database report, no state registered sites with engineering controls are located within one-half mile of the Site.

5.2.9 State-Registered Sites with Institutional Engineering Controls within One-Half Mile

Institutional controls include administrative procedures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining onsite. Deed restrictions are generally required as part of the institutional controls. According to the environmental database report, no state-registered sites with institutional engineering controls are located within one-half mile of the Site.

5.2.10 State-Registered Dry-Cleaning Facilities within One-Quarter Mile

According to the environmental database report, no dry cleaning facilities are located within one-quarter mile of the Site.

5.2.11 State-Registered Oil/Gas Wells within One Mile

The Railroad Commission of Texas regulates the oil and gas industry in the state. According to the environmental database report, there are 20 oil/gas wells located within one mile of the Site. One reportedly active well is within one-half mile of the Site.

5.3 TRIBAL ENVIRONMENTAL RECORDS

According to the environmental database report, no designated Indian Reservations are located within one mile of the Site.

5.4 UNMAPPED SITES

The environmental database search yielded 24 unmapped sites. Unmapped sites are those with address information sufficient only to identify as within the zip code (77041) of the target Site. Every effort was made to locate these sites and to assess their relevance to the Site. Further research was conducted using maps of the Site and surrounding area. None of the unmapped sites were estimated to be within the corresponding ASTM-defined minimum search distance for the databases on which they were listed.

5.5 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO SITE

During review of environmental information summarized in this section, multiple databases and sites were reviewed to evaluate potential risks to the Site. Based on an evaluation of available information and details concerning the identified properties, surrounding properties of concern are considered to represent a low risk to the Site. No "High Risk" sites were identified. "High Risk" properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at the Site.

6.0 SITE INVESTIGATION AND REVIEW OF HAZARDS

Findings documented in the following subsections are based on the August 7, 2006, Site visit and area reconnaissance, a review of available Site records, and information obtained from USAR personnel.

6.1 UNDERGROUND AND ABOVEGROUND STORAGE TANKS

There are no records of ASTs located at the Site. However, the Site currently has a mobile Sage oil-vacuum system that consists of three ASTs: waste oil, new oil, and antifreeze. This system is located under the cover of the VWR.

The Site has two OWS tanks registered as USTs, a 479-gallon tank and a 950-gallon tank, under TCEQ facility number 40535. The status of these tanks is reported as "in use." The two USTs are part of functioning OWS systems.

6.2 INVENTORY OF CHEMICALS/HAZARDOUS SUBSTANCES

There are eight hazardous/flammable materials storage sheds, and several covered secondary containment pallets and non-covered pallets located in the AMSA shop and MEP area. Typical substances located within the storage sheds include: adhesives, cleaners, lubes, sealants, paints, oils, dry sweep, spill kits, starter fluid, insect killer, welding gases, and rods. All of these containers were 55 gallons or less in size. All vehicle maintenance/repairs are performed in the AMSA shop.

Five covered secondary containment pallets and non-covered pallets are located adjacent the VWR. These containment pallets house dry sweep, used batteries, new oil, used filters, new batteries, and various vehicle tires.

Four hazardous/flammable materials storage sheds located along the southwest corner of the paved MEP area contained: antifreeze, rust inhibitor, paint, lube, hydraulic fluid, grease, and transmission fluid in the first shed; 55-gallon drums of used fuel, used oil, and used antifreeze in the second shed; funnels, hand cleaner, soap, dry sweep, and a gas caddy in the third shed; and oil floor mats, spill containment mats, empty 55-gallon drums, and hand cleaner in the fourth shed.

Four hazardous/flammable materials storage sheds, three covered secondary containment pallets, and three non-covered spill pallets are located in the MEP area. These storage sheds and pallets also contained items listed in the above sheds.

No signs of staining, evidence of spillage, or historical environmental impacts were noted in chemical storage areas during the August 7, 2006 Site reconnaissance.

Pest control for the Site is contracted out to various local companies when needed. There are no pesticides stored on the Site.

6.3 WASTE DISPOSAL SITES

There are no records of a historic landfills/dumps being located on the Site.

6.4 PITS, SUMPS, DRY WELLS, AND CATCH BASINS

There are no pits or dry wells located at the Site. Nine storm water drains were noted on the property during the August 7, 2006 Site reconnaissance. In the AMSA and POV parking areas, storm water sheet flows to one of five storm drains. The POV parking area contains two storm drains located along the center of the parking lot. Four storm drains are located in the unpaved MEP area. An additional storm water drain is located along the concrete drive along the northern property boundary. The paved MEP area contains two storm drains. An open grate and storm drain was located in the loading dock area at the southwest end of the office space. An electrical pump was observed in the storm drain. The water from the loading dock is pumped to the main storm water drain lines on the Site. Additional storm drains are located along Perimeter Park Drive for the surrounding areas. Storm water appears to flow south along Perimeter Park Drive towards West Little York Road. Open drainage ditches run parallel to West Little York Road.

6.5 ASBESTOS-CONTAINING MATERIAL

The Site was originally surveyed for ACM by the USACE, Fort Worth District, in 1989. Asbestos was found in floor tile, mastic, and roofing materials. This report was not available for review. In April 2000, the Department of the Army issued an asbestos building re-inspection report. The purpose of the 2000 report was to locate the ACM identified in the original survey. The following areas were identified on the Site as containing asbestos: floor tile and mastic, roof tar and gravel, and roof white roll.

A Department of the Army 2004 E2FA indicates the asbestos-containing floor tile and mastic were removed during 2002. Documentation of the asbestos abatement and ACM disposal are provided in Appendix D. Roof repairs were also completed during that period; however, it is unknown if asbestos-containing roof materials were removed.

6.6 PCB-CONTAINING EQUIPMENT

During the August 7, 2006 Site reconnaissance, three PMTs on a pole between the office area and AMSA shop were observed and appeared to be in good condition (Photograph 25). The PMTs were previously identified by the USACHPPM (1997) as having an unknown PCB content and age.

6.7 LEAD-BASED PAINT

During the August 7, 2006 Site, older yellow safety paint inside the cargo bay areas previously identified as LBP by the Department of the Army appeared worn but it was not flaking off the concrete floor.

6.8 RADON

According to the USEPA Map of Radon Zones for Houston, Texas, Harris County is in the USEPA Radon Zone 3, which has an indoor average level of less than 2 pCi/L. A total of 115 sites were tested in Harris County, Texas. The average activity for first-floor living areas was 0.425 pCi/L. Radon information was obtained from the National Radon Database, which was developed by the USEPA and is a compilation of the USEPA/State Residential Radon Survey and the National Residential Radon Survey conducted from 1986 to 1992.

A radon survey was conducted on the facility building at the Site by the Department of the Army in April 2000. Survey kits were placed at approximately 2,000-square-foot intervals, and the results were all below 4.0 pCi/L, which is the USEPA-recommended residential action level. Radon is not considered an environmental concern at the Site.

6.9 UNEXPLODED ORDNANCE

No indications were found during the Site reconnaissance or during the review of records to indicate the presence of munitions and explosives of concern at the Site.

6.10 RADIOACTIVE MATERIALS

During the Site reconnaissance and records review process, no indications were found of the past storage or use of radiological commodities at the USAR Center.

7.0 REVIEW OF SPECIAL RESOURCES

7.1 LAND USE

There are no zoning ordinances for the city of Houston. The Site is located within a light industrial/commercial area. Warehouses and office buildings border the Site to the south, east, and west. The Houston #2 USAR Center is located north of the Site.

7.2 COASTAL ZONE MANAGEMENT

The Site is located in a coastal zone; however, it is not part of the Texas Coastal Zone Management Plan. The northern extent of the Houston-Galveston Area Coastal Zone is approximately 10 miles southeast of the Site. The Gulf of Mexico is approximately 56 miles southeast of the Site. Figure 18 in Appendix A shows the Houston-Galveston Area Coastal Zone boundary line.

7.3 WETLANDS

According to a USFWS National Wetlands Inventory map, no jurisdictional wetland areas are on the Site or adjacent properties. During the Site reconnaissance, the nearest wetland was observed along the western property boundary of the newly constructed warehouses west of the Site; that area is an unnamed freshwater forested/shrub wetland. A wetlands area was also identified to the northeast of the Site, between Hempstead Highway and U.S. Highway 290. Two wetlands are located on the south side of West Little York Road, to the southwest and southeast of the Site, respectively, between Beltway 8 and Hempstead Highway. Figure 19 in Appendix A shows the wetlands surrounding the Site.

7.4 100-YEAR FLOOD PLAIN

According to the FEMA Flood Insurance Rate Map, the Site is not included in the 100-year or 500-year floodplains. Figure 20 in Appendix A provides a map depicting the extents of the nearest 100-year and 500-year floodplains in relation to the Site.

7.5 NATURAL RESOURCES

Parsons Engineering Science, Inc. performed a threatened and endangered species survey at the Site in May 2004. The survey identified Federal and State listed threatened and endangered species for Harris County. The report concluded that identified species are unlikely to occur at the facility, except by incidental use during migration. The USFWS Texas Field Office was also contacted and, according to correspondence, there have been no threatened/endangered species specially documented on the USAR Center or adjacent properties.

A list of threatened/endangered species for Harris County was obtained from Texas Parks and Wildlife Department in August 2006 (Appendix D) and it was last revised on July 6, 2006. The list includes one amphibian, 13 birds, two fishes, five mammals, seven mollusks, seven reptiles, and six plants for Harris County. It is unlikely for these species to be encountered at the Site, because of the lack of suitable habitat.

7.6 CULTURAL RESOURCES

Parsons Engineering Science, Inc. conducted an assessment of historic architectural, archaeological, and cultural resources for the 90th RRC facilities in Texas in 1998. The resource assessments concluded the building constructed in approximately 1980 did not meet the 50-year eligibility criteria for the National Register of Historical Places, nor did it appear to possess significant importance from a historical perspective. Also, the Site was considered to have a "low" archaeological potential. No additional architectural surveys and historical evaluations were recommended until the existing building on the Site reaches the 50-year eligibility requirement for the National Register of Historical Places, or unless specific undertakings require compliance with Section 106 of the National Historic Preservation Act. The Texas State Historic Preservation Office concurred with these recommendations in a letter, dated July 23, 1997.

7.7 OTHER SPECIAL RESOURCES

There are no other known resources that could affect the Site.

8.0 CONCLUSIONS

The TEJV, under contract to the USACE, Louisville District, has prepared this ECP Report for the Houston #3 USAR Center (Facility ID TX041), located at 6903 Perimeter Park Drive in Houston, Harris County, Texas. The USAR Center encompasses 5.537 acres of land with one permanent structure, a 23,075-square-foot facility building with a two-story office area and vehicle maintenance shop. The Site is currently occupied by seven units: 348th Transportation Headquarters, 31st Detachment, 369th Detachment, 453rd Transportation, 614th Detachment, 651st Detachment, and AMSA #73.

Findings of this ECP are based on existing environmental information, including visual observations, Site records, and federal, state, and local database and file information, related to the storage, release, treatment, or disposal of hazardous substances or petroleum products or derivatives on the property. The following present the findings related to areas evaluated during the ECP process.

- **Hazardous Substances.** Chemicals containing CERCLA hazardous substances would have historically been used and stored at the Site in amounts necessary to support unit-level vehicle and building maintenance activities. However, the quantities stored for one year or more would not have exceeded 1,000 kg or the RQ of designated hazardous substances, or one kg of acutely hazardous waste. There is no evidence that the chemicals used or stored were improperly handled, released, or disposed at the Site.
- **USTs/ASTs.** Five petroleum USTs have historically been located on the Site, and two OWS tanks registered as USTs are currently located on the Site. No petroleum ASTs have historically been located on the Site; however, the Site currently has a mobile Sage oil-vacuum system that consists of three ASTs: waste oil, new oil, and antifreeze. This system is located under the cover of the VWR. No stains or evidence of spills were observed during the Site reconnaissance.
- **Non-UST/AST Petroleum Storage.** There are eight hazardous/flammable materials storage sheds located at the Site. These sheds store new and used petroleum, hazardous, and flammable substances. Petroleum storage would have occurred in designated areas within the AMSA shop and MEP area and in the storage sheds.
- **Polychlorinated Biphenyls.** A PCB assessment report (USACHPPM, 1997) stated that three PMTs on the Site had an unknown PCB content and age, they are owned by Houston Power and Light, and they were manufactured by Westinghouse Electric. Additionally, five interior electrical transformers on the Site of unknown age were identified as non-PCB containing and fluorescent lighting in this facility is operated by non-PCB containing ballasts. During the August 7, 2006 Site reconnaissance, the three PMTs on a pole between the office area and AMSA shop were observed and appeared in good condition.

- **ACM.** A 2000 Department of the Army asbestos building re-inspection report included the results of 11 building material samples collected from the facility building. Four of the samples (floor tile, mastic, and roof material) tested positive for asbestos. During building renovations in 2002, new flooring was installed, and roof repairs were completed. Previously identified ACM (floor tile and mastic) were removed during the renovations; however, written documentation of the roof repairs did not indicate removal of identified ACM.
- **LBP.** A 2001 Department of the Army LBP Survey detailed LBP testing for the Site. Twenty-seven samples were collected from the office facility building. Samples were collected on the interior and exterior of the building using a Niton Spectrum Analyzer. LBP was found in the older yellow safety paint in the AMSA shop. The survey indicated that no immediate action was necessary. During the August 2006 Site visit, the older yellow safety paint inside the cargo bay areas appeared worn, but it was not flaking off the concrete floor.
- **Radiological Materials.** No radiological materials were identified during the Site reconnaissance.
- **Radon.** A radon survey was conducted on the facility building in April 2000 by the Department of the Army. Survey kits were placed at approximately 2,000-square-foot intervals, and the results were all below 4.0 pCi/L, the USEPA-recommended residential action level. Radon is not considered an environmental concern at the Site.
- **Munitions and Explosives.** No evidence was found during the Site reconnaissance or records review process of the past presence of munitions and explosives of concern.
- **Surrounding Properties.** Potential environmental sites of concern, located within corresponding ASTM-defined minimum search distances from the Site, were evaluated. Based on an evaluation of available information and details concerning the identified sites, surrounding properties of concern are considered to represent a low risk to the Site. No "High Risk" sites were identified. The construction of a five-warehouse complex to the west of the Site in 2005 is the only significant land-use change noted at adjacent properties.

Areas of potential environmental concern were reviewed and the TEJV found one significant environmental condition relating to the Site. A release occurred during AMPI's ownership/operation of the Site. Contaminated soil and five petroleum USTs were removed from the Site in 1994. Groundwater was reported as "not adversely affected" and it was not encountered during the tank removal. Final closure for the UST removal and soil excavation was issued in 1996 by the TNRCC.

In accordance with DoD policy defining the classifications (see S.W. Goodman Memorandum dated October 21, 1996), the Site has been classified as Category 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

9.0 REFERENCES

Persons Contacted

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- Peter Muniz, Facility Manager, Houston #3 USAR Center, (713) 466-5556. Meeting on August 7, 2006.
- Cliff Skinner, Engineer Technician, USAR, (281) 217-8794. Meeting on August 7, 2006.
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Agencies Contacted

- Texas Commission on Environmental Quality
- Harris County Tax Assessors Office
- Harris County Public Library
- U.S. Department of Agriculture, Harris County Service Center, Natural Resources Conservation Service

Appendix A
Figures

List of Figures

Figure 1	General Site Location Map
Figure 2	Site Layout Plan
Figure 3	Facility Building First Floor Plan
Figure 4	Facility Building Second Floor Plan
Figure 5	1918 Hedwig Village Topographic Map
Figure 6	1919 Addicks Topographic Map
Figure 7	1955 Addicks Topographic Map
Figure 8	1970 Hedwig Village Topographic Map
Figure 9	1982 Hedwig Village Topographic Map
Figure 10	1995 Hedwig Village Topographic Map
Figure 11	1944 Aerial Photograph
Figure 12	1953 Aerial Photograph
Figure 13	1969 Aerial Photograph
Figure 14	1979 Aerial Photograph
Figure 15	1986 Aerial Photograph
Figure 16	1996 Aerial Photograph
Figure 17	2002 Aerial Photograph
Figure 18	Coastal Zone Map Houston-Galveston Area
Figure 19	National Wetlands Inventory
Figure 20	FEMA Flood Plain Map

Appendix B
Site Reconnaissance Photographs

Appendix C
Chain-of-Title Report

Appendix D
Previous Environmental Reports

PREVIOUS ENVIRONMENTAL REPORTS

1. AMPI, Associated Milk Producers, Inc., Southern Region. Letter regarding leased property in Houston, Texas dated November 25, 1997. Includes Texas Natural Resource Conservation Commission, Petroleum Storage Tank Division, letter regarding leaking product storage tanks case closure at USAR Center at 6903 Perimeter Park, Facility ID No. 0040535 (LPST ID No. 109138) dated April 8, 1996.
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Appendix E
Regulatory Database Search Reports

**FINAL ENVIRONMENTAL CONDITION OF PROPERTY REPORT
HOUSTON #3 — U.S. ARMY RESERVE CENTER (TX041)
6903 PERIMETER PARK DRIVE — HOUSTON, TEXAS 77041
February 8, 2007**

**FINAL ENVIRONMENTAL CONDITION OF PROPERTY REPORT
HOUSTON #3 — U.S. ARMY RESERVE CENTER (TX041)
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