

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

for the

BELTON MUNICIPAL GOLF COURSE

BELTON, MISSOURI

prepared for

CITY OF KANSAS CITY, MISSOURI

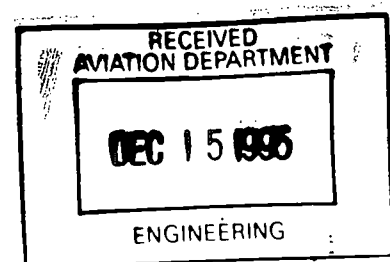
AVIATION DEPARTMENT

PSI PROJECT NUMBER 5985E106B

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psi Environmental
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Information To Build On

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SUMMARY

Professional Service Industries has performed a Phase I Environmental Site Assessment in general accordance with the scope and limitations of ASTM Standard E 1527-94 for the Belton Municipal Golf Course located at 4200 Bong Avenue in Belton, Missouri. Any exceptions to, or deletions from, this standard of practice are described in the report.

The assessment revealed the following evidence of recognized environmental conditions in connection with the site.

- The West Burn Pit at Richards-Gebaur AFB is a CERCLIS site. Due to the "No Further Action" classification and distance from the subject site, it is unlikely that this CERCLIS site has adversely impacted the subject property.
- Two FUD sites were identified on adjacent properties. Based on the proximity of the sites, the unknown nature of materials disposed, and the presence of a pathway for contaminant migration, a potential for environmental impact to the subject site exists.
- The Radioactive Disposal Well is also a listed FUD site and is adjacent to the west. However, due to the reported absence of elevated radioactivity in the vicinity of the well, the potential for adverse environmental impact to the subject site is minimal.
- Three IRP sites are located within 2000 feet of the subject property. However, due to the distance of the IRP sites from the subject site and the apparent drainage patterns, it is unlikely that the IRP sites have adversely impacted the subject property.
- Review of historic aerial photographs identified linear striations on a portion of the northern part of the subject site. The origin or purpose of these striations is unknown.
- Two ASTs were observed by the Maintenance Building on the subject site. No spill containment was observed around the ASTs.
- Staining was observed in an area used for the washing of maintenance equipment by the Maintenance Building. It is possible that the soils in the area of the staining have been contaminated.
- Suspect asbestos-containing building materials (ACBM) were observed in the Clubhouse building on the subject site.
- Numerous pole- and pad-mounted transformers were observed on the subject site. A letter has been sent to the Missouri Public Service Company requesting information on any PCB testing of the transformers.

Based on the findings of this assessment, PSI recommends the following:

- The owners of the on-site waste oil tank should evaluate compliance with federal and state regulations and non-compliant items should be corrected.
- The nature and extent of potential soil contamination should be determined in the area of staining around the equipment wash station.
- The origin or purpose of striations observed on a portion of the subject site in historic aerial photographs should be determined.

- Further investigation is recommended to determine if the subject site has been impacted by the adjacent FUD sites. The Corps of Engineers should be contacted to determine whether investigation is planned for the South Landfill and Contractor Rubble Burial Site.
- Samples should be collected of suspect ACBM identified in the facility prior to any renovation or demolition activities.

This Summary is not to be used alone. The report must be read in its entirety.

INTRODUCTION

PURPOSE AND SCOPE

This Phase I Environmental Site Assessment (ESA) was performed to identify, to the extent feasible, recognized environmental conditions in connection with the site. The protocol utilized for this assessment is in general accordance with the requirements of ASTM Standard E 1527-94.

The site assessment included four components: Records Review, Site Reconnaissance, Interviews and Report Preparation. The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions in connection with the site. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the site. The objective of the interviews is to obtain additional information indicating recognized environmental conditions in connection with the site. The report includes documentation to support the analysis, opinions and conclusions as presented.

AUTHORIZATION

Authorization to perform this assessment was given verbally by Mr. Dennis Wilmsmeyer, Airport Planner with the City of Kansas City, Missouri Aviation Department. A proposal was prepared by PSI (Proposal Number 598104, dated September 5, 1995) and a purchase order was issued for the project in accordance with the Annual Environmental Services Contract, Number PA2869, dated January 4, 1994, between the City of Kansas City, Missouri, and PSI.

ACCESS

Field reconnaissance was performed on September 7, 1995. Instructions as to the location of the subject site and an explanation of the subject site and facilities to be assessed were provided by Mr. Wilmsmeyer. Access to the subject site buildings was provided by Mr. Hugh Smith, Golf Professional, and Mr. Brian Henley, Superintendent, for the Belton Municipal Golf Course.

INFORMATION PROVIDED BY CLIENT

The following site information was provided to PSI by the City of Kansas City, Missouri.

ITEM	PROVIDED BY CLIENT	NOT PROVIDED BY CLIENT	DISCUSSED BELOW	DOES NOT APPLY
Environmental Questionnaire and Disclosure Statement	X		X	
Site Plan	X		X	
Legal Description	X		X	
Chain of Title		X		
Identification of Key Site Manager	X		X	
Letter of Access		X		
Environmental Liens		X		
Specialized Knowledge	X		X	

Environmental Questionnaire and Disclosure Statement (EQDS)

An EQDS was completed for the subject site by Mr. Hugh Smith, Golf Professional for the Belton Municipal Golf Course. The following information was provided in the EQDS:

- The subject property is currently used for a golf course.
- The property was previously occupied by the United States Air Force (USAF).
- A 250-gallon gasoline tank is located on site.
- Pesticides and herbicides are used on site.
- The Key Site Manager for the subject site was identified as Mr. Brian Henley.

Site Plan and Legal Description

PSI was provided with a copy of a Site Plan and the legal description for the subject site by the City of Kansas City, Missouri. A copy of the provided information is included in Appendix E.

Identification of Key Site Manager

The Key Site Manager was identified as Mr. Brian Henley of the Belton Municipal Golf Course. The Key Site Manager's contact address is 4200 Bong Avenue, Belton, Missouri, and the contact's telephone number is (816) 331-9356.

Specialized Knowledge

PSI was provided with copies of the Basewide Environmental Baseline Survey, Richards-Gebaur Air Force Base, Missouri, dated December 1993, prepared by the USAF; and the Installation Restoration Program Records Search for Richards-Gebaur Air Force Base, Missouri, dated March 1983, prepared by CH2M HILL. Information obtained from the Environmental Baseline Survey (EBS) and Installation Restoration Program (IRP) Records Search is presented in appropriate sections of this report.

WARRANTY

Phase I Assessment

PSI warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the protocol. These methodologies are described by the standard as representing good commercial and customary practice for conducting an Environmental Site Assessment of a parcel of property for the purpose of identifying recognized environmental conditions. However, these findings and conclusions contain all of the limitations inherent in these methodologies which are referred to in the protocol and some of which are more specifically set forth below. No other warranties are implied or expressed.

LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

Along with all the limitations set forth in various sections of the protocol, the accuracy and completeness of this report is necessarily limited by the following:

Chain of Title

Chain-of-title documents were not provided by the client for review by PSI.

Fire Department Records

According to information obtained from the City of Kansas City, Missouri Fire Department, the fire department does not maintain practically reviewable records of environmental incidents.

UNIDENTIFIABLE CONDITIONS

There is a possibility that even with proper application of these methodologies, there may exist on the subject site conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. PSI believes that the information obtained from the records review and the interviews concerning the site is reliable. However, PSI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete.

The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the client with information regarding apparent suspicions of existing and potential adverse environmental conditions relating to the subject property.

USE BY THIRD PARTIES

This report was prepared pursuant to the contract PSI has with the City of Kansas City, Missouri. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than the City of Kansas City, Missouri, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract with the City of Kansas City, Missouri. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

SITE DESCRIPTION

LOCATION

The subject site is located on the border between the Cities of Kansas City and Belton, Missouri, and is adjacent to Richards-Gebaur Memorial Airport. The subject site is located in the eastern half of Section 3; Township 14 South; Range 33 West, in Cass County, Missouri, and is just south of the Jackson County line.

LEGAL DESCRIPTION

The legal description and a site plan for the site was provided by the client. A copy of the provided information is included in Appendix E.

VICINITY CHARACTERISTICS

The Belton Municipal Golf Course is located adjacent to the Richards-Gebaur Memorial Airport. The Airport is a former military base (Richards-Gebaur Air Force Base) and the area adjacent to the east of the subject site was primarily utilized for personnel residences and support services (cafeterias, gymnasium, offices). This area is now occupied by the Calvary Bible College. The area to the west of the golf course is undeveloped property beyond which is the main north-south airport runway.

SUBJECT SITE DESCRIPTION AND USE

The site consisted of a 198-acre, 18-hole public golf course and associated support facilities. Structures on the subject site include a Maintenance Building, a Clubhouse, a new Pump House and a former Pump House. The majority of the subject site consists of groomed golf course areas with some gravel or asphalt pathways.

Improvements and Current Use

Three buildings were located on the subject site at the time of the site reconnaissance.

- The Clubhouse is a single-story, steel-sided building with a pitched composite roof.
- The Maintenance Building is a single-story, steel-sided building with a pitched steel roof.
- The new Pump House is a small, single-story steel building with a pitched steel roof.
- The former Pump House is a small, single-story steel building with a pitched steel roof.

Utilities

The following utilities were observed on or adjacent to the site.

- Electrical Services provided by Missouri Public Service.
- Natural gas service is provided by Missouri Gas and Electric.
- Sanitary Sewer services provided by the City of Kansas City, Missouri.
- Water service is provided by the City of Kansas City, Missouri.
- Telephone service is provided by Southwestern Bell Telephone (SWB).
- Solid waste disposal service is currently provided by Deffenbaugh.

Past Use

According to information obtained from the EBS report, the area of Richards-Gebaur Memorial Airport was originally developed as an airport by the City of Kansas City, Missouri and used from 1941 to 1953. In 1953, approximately 2400 acres were transferred to the U.S. government and operated as Richards-Gebaur Air Force Base. In 1985, 1,360 acres were conveyed back to the city to support operations of a civilian airport.

Review of historical aerial photographs and land use maps contained in the EBS report did not identify any use of the subject site other than current use as a golf course.

ADJOINING PROPERTY USE

Current Use

The current use of adjoining properties was observed from the subject site as follows:

North The property to the north of the subject site consisted of undeveloped portions of the airport.

East The property is bordered to the east by Calvary Bible College and military support facilities.

South The property to the south of the subject site consisted of vacant undeveloped property and several USAF buildings.

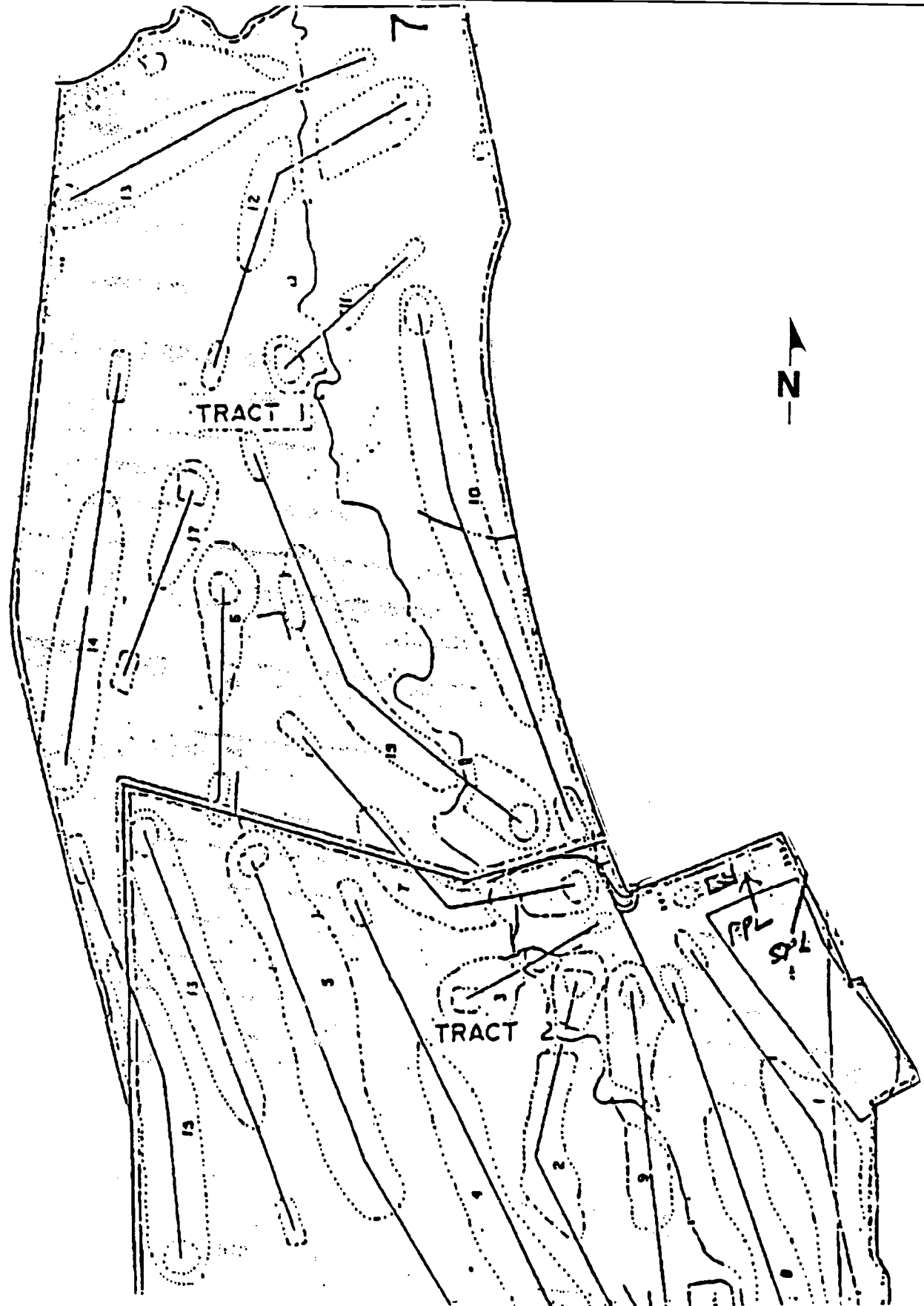
West The property is bordered to the west by Walker Road (a.k.a. Bales Avenue) beyond which are undeveloped portions of the airport.

Past Use

No indications of previous uses of the adjoining properties were identified through visual observations from the subject site.

SITE SKETCH AND PHOTOGRAPH LOCATIONS

The following sketch is presented for illustrative purposes.



Site Name:

City of Belton Golf Course
Belton, Missouri**SITE PLAN**

Project No:

598 5E 106 B

Scale:

no scale

Date:

October 16, 1995

RECORDS REVIEW

STANDARD FEDERAL AND STATE ENVIRONMENTAL RECORD SOURCES

Information from standard federal and state environmental record sources is provided through Environmental Data Resources, Inc. (EDR). Regulatory information from the following sources regarding possible recognized environmental conditions within the noted distance from the subject site was reviewed. Refer to Appendix C for a complete listing.

Federal

<u>List</u>	<u>Approximate Search Distance, Miles</u>
Federal NPL List	1.0
Federal CERCLIS List	0.5
Federal RCRA TSD Facilities List	1.0
Federal RCRA Generators List	Site and adjoining properties
Federal ERNS List	Site only

State

<u>List</u>	<u>Approximate Search Distance, Miles</u>
Missouri State SHWS List	1.0
Missouri State SWLF List	0.5
Missouri State LUST List	0.5
Missouri State UST List	Site and adjoining properties

FINDINGS FROM LISTS

Federal NPL Listing

The National Priorities (Superfund) List is the EPA database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

No NPL sites were identified within one mile of the subject site.

Federal CERCLIS Listing

This list is a compilation of sites which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

According to information contained in the EDR report, Richards-Gebaur Air Force Base is listed as a CERCLIS site. No details on the exact location, nature of contamination, or details on the listing incident were contained in the EDR database.

According to information contained in the EBS report, the West Burn Pit, located west of the airport runways at Richards-Gebaur Air Force Base, is listed as a CERCLIS site. This site was used from, 1954 to 1955 for fire training. Waste oils and fuels were deposited in an open pit and burned. The site was classified "No Further Action" on December 12, 1989. Due to this classification and distance from the subject site, it is unlikely that the West Burn Pit CERCLIS site has adversely impacted the subject property.

Further information on reported hazardous waste sites in the vicinity of the subject site is included in the Additional Local Records section of this report.

Federal RCRA TSD Facilities Listing

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

No RCRA TSD facilities were identified within one mile of the subject site.

Federal RCRA Generators Listing

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

No RCRA Generators were identified on the subject site or adjoining properties.

Federal Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil or hazardous substances.

No ERNS were identified on-site.

State Hazardous Waste Sites (SHWS)

The Missouri Department of Natural Resources (MDNR) maintains a registry of all SHWS sites in the State of Missouri.

No SHWS sites were identified within one mile of the subject site.

Solid Waste Landfill List (SWLF)

The Missouri Department of Natural Resources maintains a listing of all SWLF sites in the State of Missouri.

No SWLF sites were identified within one-half mile of the subject site.

Missouri Underground Storage Tank List (UST)

The Missouri Department of Natural Resources maintains a listing of all registered USTs in the State of Missouri.

No USTs were identified on-site or on properties adjacent to the subject site.

Leaking Underground Storage Tank List (LUST)

The Missouri Department of Natural Resources maintains a listing of all LUST sites in the State of Missouri.

No LUST sites were identified within one-half mile of the subject site.

ADDITIONAL LOCAL RECORDS

Fire Department Records

According to information obtained from the City of Kansas City Fire Department, department records on incident responses are filed chronologically and are not filed in a manner which would allow for the determination of response actions for a specific site. Therefore, these records are not considered practically reviewable.

Electric Utility Records

A letter has been sent to the Missouri Public Service Company requesting information on any PCB testing of the transformers. Pertinent information will be forwarded to the client upon receipt.

USAF Environmental Baseline Survey

PSI was provided with a copy of the EBS report prepared by the USAF in 1993. The following pertinent information was obtained from the EBS report:

- The EBS report addressed the area of the golf course as an "off-base parcel" and stated "other than Formerly Used Defense Sites, no off-base parcels are known to have been contaminated from activities on Richards-Gebaur AFB".
- The EBS report contained a listing of registered USTs on off-base parcels. No registered USTs were listed for the subject site.
- The EBS report contained a listing of Formerly Used Defense Site (FUDS) on off-base parcels. Four FUDS were listed adjacent to the west of the subject sites; the South Landfill, the Contractor Rubble Area, the South Burn Area, and the Radioactive Disposal Well.
- The South Landfill was located near the Non-Destructive Testing Laboratory and adjacent to Scope Creek. The site was used as a landfill from 1954 to 1961.
- The Contractor Rubble Area is located west of the golf course and was utilized as a landfill from 1954 through 1978.
- The South Burn Area was discussed previously in the CERCLIS section of this report.
- The Radioactive Disposal Well is reportedly a cased well into which radioactive materials were deposited.
- The EBS report contained a listing of Installation Restoration Program (IRP) sites located at Richards-Gebaur Memorial Airport. The IRP was established to assess and remediate CERCLA-related contamination on Air Force sites. Three IRP sites have been identified within approximately 1000 feet of the subject property. These three sites have been designated: SS-0003, an oil saturated area; SS-0004, a hazardous waste drum storage area; and SS-0009, the fire valve area. No Further Action Planned (NFAP) decision documents have been submitted to regulatory agencies for sites SS-0003 and SS-0004; however, no decision on the status of sites was reported. Site SS-0009 was identified when contaminated soil from an unknown source was discovered during a trenching operation in 1992. No further information was reported on this site.
- The EBS report contained a discussion of the historical use of the subject property. Details on this use are presented in the Historical Use Information section of this report.

The three IRP sites are separated from the subject property by Scope Creek which is the predominant drainage system for this area. Due to the distance of the IRP sites from the subject site and the presence of Scope Creek, it is unlikely that the IRP sites have adversely impacted the subject property.

IRP Records Search Report

PSI was provided with a copy of the IRP Records Search report prepared by CH2M HILL in 1983. The following pertinent information was obtained from the IRP Records Search report:

- Sanitary landfills were used at Richards-Gebaur AFB intermittently since 1954. Two landfill sites are located adjacent to the southwest (South Landfill) and west (Contractor Rubble Burial Site) of the subject property.

- The South Landfill has been identified as a FUDS and is located adjacent to Scope Creek. Between 1954 and 1956, the site was the main sanitary landfill for the base. From 1956 to 1961, the site was used for disposal of building rubble, yard debris, and wastes from industrial shop areas. Since 1961, the site has only been used for unauthorized dumping. Oil sheens have been reportedly observed on Scope Creek downstream from this landfill.
- The Contractor Rubble Burial Site, also an identified FUDS, was used intermittently between 1954 and 1978 primarily for the disposal of contractor rubble and debris; however, some household debris has been observed in exposed portions of the landfill. The area may also have been used as a sanitary landfill prior to 1961.
- The Radioactive Disposal Well is located west of Scope Creek and was used intermittently between 1955 and 1970 for disposal of low-level radioactive waste, primarily dosimeters. Levels of radioactivity in the vicinity of the well have been found to be at or near background levels.
- The report recommends that water in Scope Creek be tested for hazardous contaminants downstream from the South Landfill. No recommendations are presented for the Contractor Rubble Burial Site or the Radioactive Disposal Well.

Based on the proximity of the South Landfill and the Contractor Rubble Burial Site, the unknown nature of materials disposed in these landfills, and the presence of Scope Creek which represents a pathway for contaminant migration, potential environmental impact to the subject site is possible.

Due to the absence of reported elevated levels of radioactivity in the vicinity of the Radioactive Disposal Well, the potential for adverse environmental impact to the subject site from this well is considered minimal.

PHYSICAL SETTING SOURCES

Topographic Map Review

The USGS Belton Quadrangle 7.5 minute topographic map was reviewed for this ESA. This map was produced in 1953 and photorevised in 1970 and 1975. The subject site is located in the eastern half of Section 3; Township 14 South; Range 33 West.

According to the contour lines on the topographic map, elevations at the subject site range from approximately 1010 to 1090 feet above mean sea level. The contour lines in the area of the subject site indicate the western portion of the course occupies the crest of a broad north-south trending ridge. The eastern portion of the course is bisected by a tributary of Scope Creek and generally slopes gradually down towards the creek.

The topographic map indicates that the area to the west and southwest of the airport property is part of the Knoche Oil Field and numerous oil wells are evident on the map. The nearest of these wells is approximately 1 mile to the west of the golf course. Based on the distance of the oil field, it is unlikely that activities related to oil production have adversely impacted the subject site.

A copy of the topographic map is included in Appendix A.

Soil Conservation Service Map

The US Department of Agriculture Conservation Service Soil Survey for Cass County indicates that the soil in the eastern area of the subject site is classified as Greenton silty clay loam, 5 to 9 percent slopes. These soils are deep, moderately well drained soil on convex side slopes. Permeability is slow and surface runoff is medium. Soils on the western portion of the subject site are classified as Polo silt loam, 2 to 5 percent slopes. The Polo soils are deep, gently sloping, well drained soils on convex ridge tops and side slopes. Permeability is moderate and surface runoff is medium. A copy of the Soil Survey Map is included in Appendix A.

Flood Insurance Rate Map

According to the Flood Insurance Rate Map for Richards-Gebaur Memorial Airport, Cass County, Missouri, Community Panel Number 290062-0002-B, all of the golf course is located in flood zone C; area outside the limits of the 500-year flood.

HISTORICAL USE INFORMATION

To obtain information regarding the past uses of the subject site and immediately adjacent properties, available historical data was researched.

AERIAL PHOTOGRAPH REVIEW

Copies of 1967, 1980, and 1995 aerial photographs of the subject site area were obtained from the City of Kansas City, Missouri, and were reviewed for indications of historical property development and use. Copies of these aerial photographs are included in Appendix B.

Date: 1967
Scale: 1" = 400'

The subject site appears to be partially developed with the clubhouse and approximately half of the golf course completed. A small structure is apparent on the western portion on the subject site along Walker Road. Linear striations are evident near the center of the northern portion of the subject site. The origin or purpose of these striations is not known. Development of the adjacent properties to the north, east, south and west appears consistent with current conditions. Land clearing activities are apparent on the property adjacent to the west in an area which has been identified as the Contractor Rubble Burial Site.

Date: 1980
Scale: 1" = 400'

In the 1980 photograph, several more holes appear to have been added to the golf course; however, the course is not in its current configuration. The building observed along Walker Road in the 1967 photograph is no longer apparent; however, the linear striations on the northern portion of the subject site are still evident. The Contractor Rubble Burial Site clearing is still apparent to the west. The subject site and surrounding properties are otherwise similar to conditions in the 1967 photograph.

Date: 1995
Scale: 1" = 400'

The subject site and the surrounding area appear essentially similar to present conditions. The golf course has been completed and is in its current configuration. Surrounding properties appear similar to current development.

CITY DIRECTORY

Available city directories for Kansas City, Harrisonville, Belton and Grandview, Missouri from various years between 1940 and 1994 were reviewed at the Kansas City, Missouri Public Library. There were no listings for Richards-Gebaur Memorial Airport, Richards-Gebaur Air-Force Base, or Belton Golf Course in the directories reviewed.

ENVIRONMENTAL BASELINE SURVEY

The following information on the historical use of the area of the subject site was obtained from the EBS report prepared by the USAF in 1993:

- Prior to 1941, the Richards-Gebaur AFB area consisted of farmland.
- The area was initially acquired by the City of Kansas City in 1941 for an auxiliary airport (Grandview Airport).
- In 1953, the property was formally conveyed to the U.S. government.
- Major land uses in 1995 included the airfield, aviation support areas, a maintenance and engineering area, and a billeting (housing) complex that incorporated the subject site.
- Housing units, located adjacent to the east of the subject site, were developed prior to 1955.
- The first reference to the golf course was in a 1966 land use map.
- In 1977 and 1979, the number of active duty military and civilian personnel at the base was drastically reduced and the majority of the operations support functions were performed by civilian contractors.
- In 1985, 1,360 acres of the base, including the airfield, were conveyed to the City of Kansas City.
- Few changes have occurred on the base since 1985.

A copy of the historical use section of the EBS report including Major Land Use maps for 1955, 1966 and 1993, are included in Appendix E.

RECONNAISSANCE AND INTERVIEWS

Where possible, photographs were taken during the reconnaissance to document the features observed and recognized environmental conditions. The photographic locations are shown on the site sketch included in the report section "Site Description". Interviews were conducted with persons as noted in the following table. Photographs are included in Appendix D.

INTERVIEWS

Interviews were conducted with the following:

NAME	FUNCTION	EMPLOYER	DATE	PHONE
Mr. Hugh Smith	Key Site Manager	Belton Municipal Golf Course	September 7, 1995	(816) 331-6777
Mr. Brian Henley	Superintendent	Belton Municipal Golf Course	September 7, 1995	(816) 331-6777
Mr. Steve Yeats	Representative	Missouri Public Service	October 10, 1995	Letter Sent
Mr. Mark Esch	BRAC Environmental Coordinator	U.S. Air Force	October 10, 1995	(816) 348-2511

ON-SITE RECONNAISSANCE

On-site visual reconnaissance of the subject site and improvements for indications of recognized environmental conditions was conducted on September 7, 1995 by Deanna D. Ross, Geologist for PSI. Reconnaissance consisted of systematically walking the perimeter boundary of the site and crossing the interior to provide an overlapping field of view. The adjacent sites were not entered. Where possible, photographs were taken to document the features observed during the reconnaissance and environmental conditions of concern and the photographs are included in Appendix D.

A copy of the author's credentials may be found in Appendix F.

Drums, Containers and Storage Tanks

The on-site reconnaissance addressed containers, drums, aboveground storage tanks (ASTs), and other storage units containing materials which may pose an environmental threat. The following were identified:

<u>Bld. No.</u>	<u>Material Description</u>
Maintenance Building	one empty 300-gallon AST one 300-gallon gasoline AST (active) one propane AST containers of fungicide, pesticide, herbicide and fertilizer containers of Lesco soil wetting agent containers of petroleum products containers of waste oil containers of mineral spirits miscellaneous paints
Clubhouse	miscellaneous paints and cleaning supplies one container of degreaser

Potential environmental concerns related to these materials include the absence of spill containment around the ASTs and the random storage of waste oil in the shop area of the Maintenance Building. The usage of pesticides, herbicides and other agricultural chemicals is discussed later in this report.

Evidence of Waste Disposal

The on-site reconnaissance addressed dumps, pits, ponds, landfills, borrow pits, and lagoons which may have been used for disposal purposes.

No evidence of dumps, pits, ponds, landfills or lagoons was found.

Surface Fill

The on-site reconnaissance included observation for visible indications of fill soils.

No indications of fill soil were observed.

Surface Staining and Stressed Vegetation

The on-site reconnaissance addressed indications of environmental conditions as evidenced by surface stains and/or stressed vegetation.

An area of staining was observed by the Maintenance Building. According to Brian Henley, this area is used for the washing of golf course maintenance equipment. The staining extends from the wash area downslope towards a nearby creek bed. Since some equipment is used to distribute agricultural chemicals, it is possible that the soils in the area of the staining have been contaminated. It is also possible that petroleum products washed from the equipment have been deposited in this stained area.

Transformers

The on-site reconnaissance also addressed indoor or outdoor transformers which may contain polychlorinated biphenyls (PCBs).

Pole-mounted transformers were observed in the following locations on the subject site:

- Three transformers west of the Clubhouse;
- One transformer on west side of Fairchild Drive;
- One transformer at the northwest corner of the subject site;
- Three transformers on the north side of Markey Road;
- One transformer north of the Maintenance Building;
- One transformer at the southeast corner of the subject site.

No evidence of staining, corrosion, or leakage were observed on any of the transformers. A letter has been sent to the Missouri Public Service Company requesting information on any PCB testing of the transformers.

Asbestos-Containing Materials

A limited visual survey of the subject site for the presence of suspect asbestos-containing materials was performed. The survey was conducted during the site reconnaissance and only addressed those materials which were evident in the accessed areas of the facility. Because of the age of the on-site structures ceiling and floor coverings, roofing materials, and miscellaneous materials, such as joint compound and mastics, were considered suspect asbestos-containing building materials (ACBM).

Suspect 2' x 4' ceiling panels, wallboard, flooring materials, roofing materials and mastics were observed in the Clubhouse. Suspect ACBM were not observed in other buildings at the subject site.

Air Stacks, Vents, and Odors

The on-site reconnaissance addressed air stacks, vents and strong, pungent or noxious odors. No such odors were identified. No stacks or vents, other than those associated with building heating systems, were observed which would represent a recognized environmental condition.

Surface Drainage

The on-site reconnaissance addressed the apparent drainage to and from the subject site. Specific elements are as follows:

Surface water or drainage from adjacent properties was observed. The subject site is bisected by a tributary of Scope Creek which receives drainage from properties located to the south and east of the subject site. Properties adjacent to the west and southwest, including the previously identified landfill sites, drain to Scope Creek which borders the subject site to the north.

The majority of the subject site drains to the tributary, however, areas on the northern portion of the subject site drain directly to Scope Creek.

Evidence of Underground Storage Tanks

The on-site reconnaissance addressed evidence of underground storage tanks (USTs) on the subject site. None of the following indications of USTs were found on the subject site.

- Pumps, pipes or vents
- Tank related manholes
- Tank related concrete pads or surface depressions

Conduits to Groundwater

The on-site reconnaissance addressed evidence of conduits to groundwater on the subject site.

No evidence of conduits to groundwater was observed on the subject site.

Evidence of Improper Waste Discharge

The on-site reconnaissance addressed evidence of improper waste discharge on the subject site.

No pipes and/or vents, indicating improper release of waste discharge, were observed on the subject site.

On-Site Environmental Management Practices

The on-site reconnaissance addressed the following environmental management practices.

Solid Waste

No evidence of solid waste disposal was observed on the subject site.

Hazardous Waste

No indications of regulated quantities of hazardous waste generation, storage or disposal were observed on the subject site and/or were indicated during interviews.

Treatment Facilities

No treatment facilities were observed on the subject site.

Application of Pesticides, Herbicides or Fertilizers

Pesticides, herbicides and fertilizers are stored and utilized on-site. The majority of the materials are stored in the Maintenance Building. According to Brian Henley, the golf course has application records for these chemicals for approximately the last 10 years and Material Data Safety Sheet (MSDS) are reportedly kept on file. If utilized according to manufacturers directions, these materials should not adversely impact the subject site.

General Environmental Practices

The on-site reconnaissance addressed general environmental practices at the subject site.

An area of staining was observed by the Maintenance Building. According to Brian Henley, this area is used for the washing of golf course maintenance equipment. Drainage from this area appeared to lead directly to an adjacent creek that eventually flows into Scope Creek. Since some equipment is used to distribute agricultural chemicals, it is possible that the soils in the area of the staining have been contaminated. It is also possible that petroleum products washed from the equipment have been deposited in this stained area.

The maintenance of golf course equipment reportedly includes the changing of oil and other vehicle fluids. A significant accumulation of waste fluids was observed in open containers in the Maintenance Building and associated storage shed.

OFF-SITE RECONNAISSANCE

Off-site visual reconnaissance of adjacent properties from the subject site was conducted on September 7, 1995 by Deanna D. Ross of PSI. The off-site reconnaissance was limited to areas and facilities that were readily accessible for visual observation, immediately adjacent to and visible from the subject site. Off-site visual reconnaissance addressed the same issues considered on-site. The adjacent properties were not entered.

ITEM	NOT OBSERVED	OBSERVED	DISCUSSED BELOW
Drums, Containers & Storage Tanks	X		
Dumps, Pits & Lagoons	X		
Surface Soil Staining or Stressed Vegetation	X		
Transformers		X	X
Air Stacks, Vents & Odors	X		
Off-Site Drainage	X		
Underground Storage Tanks	X		X
Aboveground Storage Tanks	X		
Shafts & Wells	X		
Off-Site Environmental Management Practices	X		

Transformers

Pole- and pad-mounted transformers were observed in the following locations adjacent to the subject site:

- Two pole-mounted transformers on the west side of Walker Road;
- One pad-mounted transformer adjacent to the east at the U.S. Army Reserve building.
- Six pole-mounted transformers adjacent to the east by Building 310.
- Several pad-mounted transformers in a fenced enclosure south of Markey Road.

No evidence of staining, corrosion, or leakage were observed on any of the transformers.

Underground Storage Tanks

According to information provided by Mark Esch of the USAF, USTs were removed in 1988 from Air Force buildings located on the south side of Markey Road. There was no record of soil sampling performed at the time of the removal; however, due to the distance of these USTs from the subject site, the nature of native soils in the area, and the reported UST capacities (less than 550 gallons), it is unlikely that any release would have had a significant impact on the subject site. A copy of the UST information obtained from the USAF is included in Appendix E.

FINDINGS AND CONCLUSION

PHASE I ESA

We have performed a Phase I Environmental Site Assessment on the subject site in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

This assessment has revealed the following evidence of recognized environmental conditions in connection with the site.

- The West Burn Pit at Richards-Gebaur Memorial Airport, is a CERCLIS site. Due to the "No Further Action" classification and distance from the subject site, it is unlikely that the CERCLIS site has adversely impacted the subject property.
- Two FUD sites were identified on adjacent properties. Based on the proximity of the South Landfill and the Contractor Rubble Burial Site, the unknown nature of materials disposed in these landfills, and the presence of a pathway for contaminant migration, potential environmental impact to the subject site is possible.
- The Radioactive Disposal Well is also a listed FUDS and is adjacent to the west. However, due to the reported absence elevated levels of radioactivity in the vicinity of the well, the potential for adverse environmental impact to the subject site is minimal.
- The three IRP sites are located within 2000 feet of the subject property. However, due to the distance of the IRP sites from the subject site and the apparent drainage patterns, it is unlikely that the IRP sites have adversely impacted the subject property.
- Review of historic aerial photographs identified linear striations on portion of the northern part of the subject site. The origin or purpose of these striations is unknown.
- Two ASTs were observed by the Maintenance Building on the subject site. No spill containment was observed around the ASTs.
- Staining was observed in an area used for equipment washing by the Maintenance Building. Since some equipment is used to distribute agricultural chemicals, it is possible that the soil in this area has been contaminated. It is also possible that petroleum products washed from the equipment have been deposited in this area.
- Suspect ACBM were observed in the Clubhouse building on the subject site.
- Numerous pole- and pad-mounted transformers were observed on the subject site. A letter has been sent to the Missouri Public Service Company requesting information on any PCB testing of the transformers.
- USTs were reportedly removed in 1988 from Air Force buildings located on the south side of Markey Road. Due to the distance of these USTs from the subject site, the nature of native soils in the area, and the reported UST, it is unlikely that any release from these USTs would have had a significant impact on the subject site.

RECOMMENDATIONS

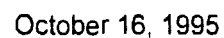
This assessment has revealed evidence of environmental conditions which suggest a need for further assessment activities. Based on the findings of this assessment, PSI recommends the following:

- The owners of the on-site gasoline AST should evaluate compliance with federal and state regulations and non-compliant items should be corrected.
- The nature and extent of potential soil contamination should be determined in the area of staining around the equipment wash station.
- The origin or purpose of striations observed on a portion of the subject site in historic aerial photographs should be determined.
- Further investigation is recommended to determine if the subject site has been impacted by the adjacent FUD sites. The Corps of Engineers should be contacted to determine whether investigation is planned for the South Landfill and Contractor Rubble Burial Site.
- Samples should be collected of suspect ACBM identified in the facility prior to any renovation or demolition activities.

APPENDIX

APPENDIX A

MAPS





USGS Topographic Map

Scale:

1" = 2000'

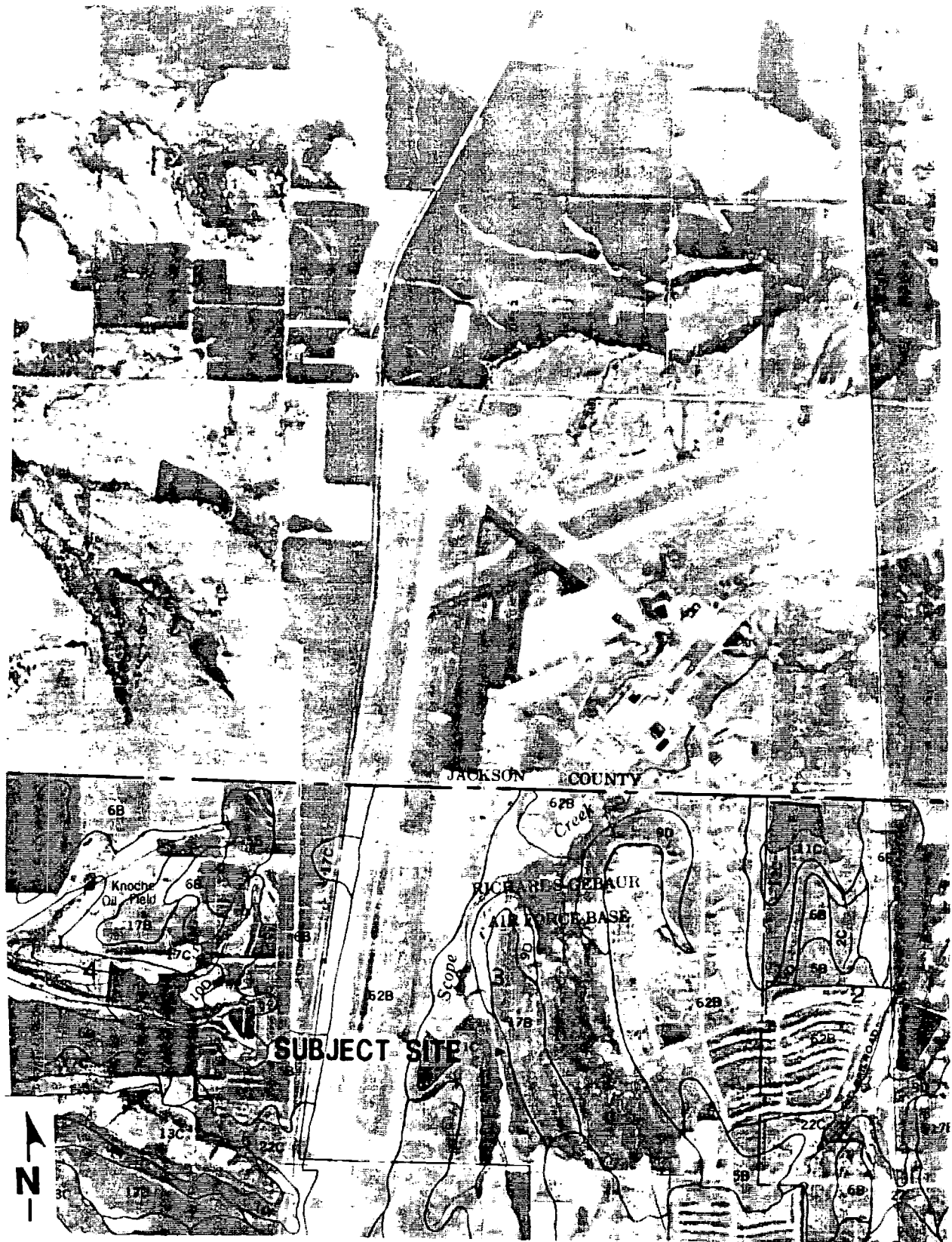
Project No:

598 5E 106 B

Date:

October 16, 1995

Professional Service Industries



Site Name:

City of Belton Golf Course
Belton, Missouri

SCS SOIL SURVEY MAP

Project No:

598 5E 106 B

Scale:

1" = 2000'

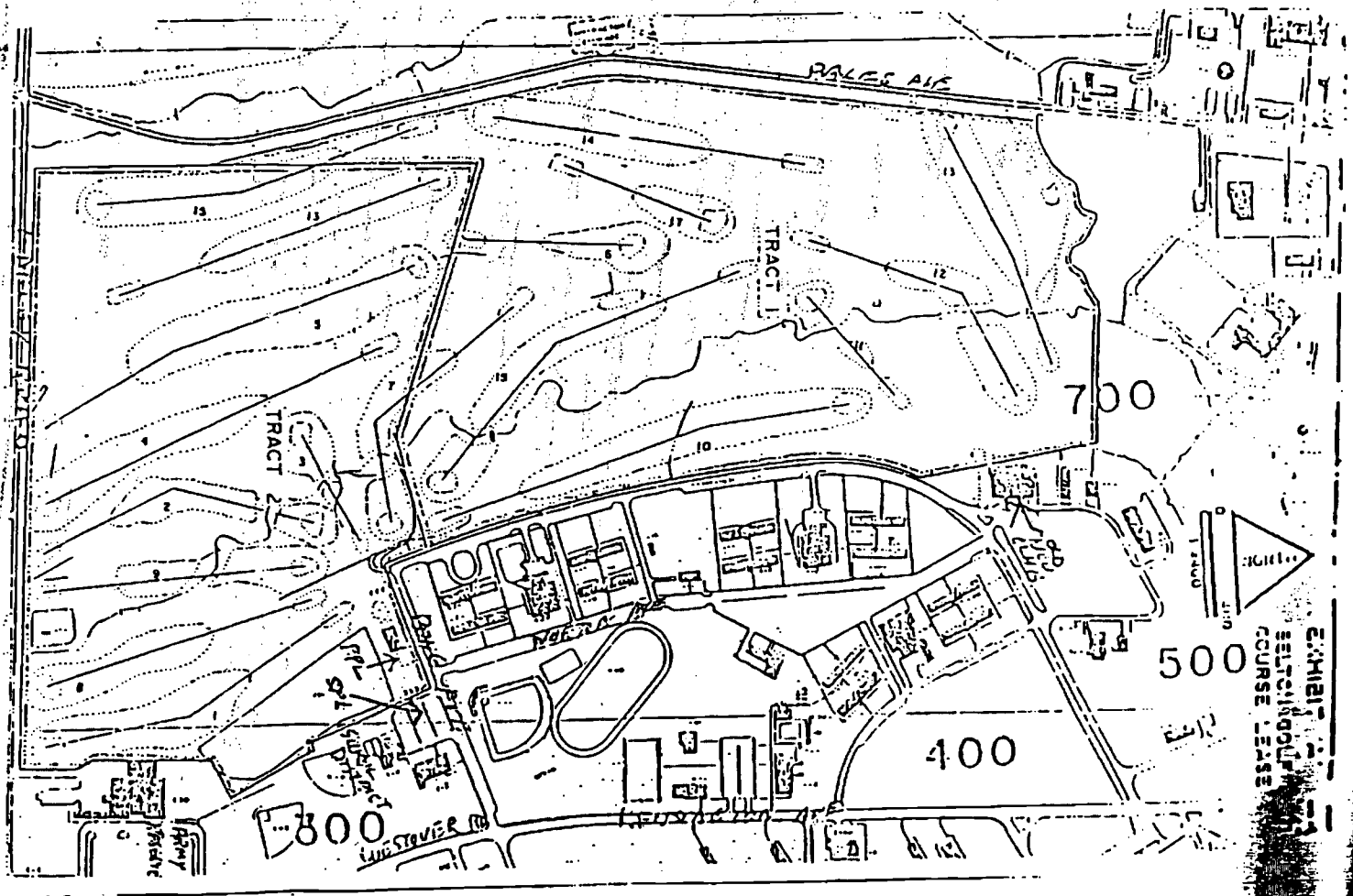
Date:

October 16, 1995

APPENDIX B

OWNERSHIP AND HISTORICAL DOCUMENTS

EXHIBIT A
SCHOOL GOLF
COURSE LEASE



Grounds. The golf course grounds are considered to be approximate in definition pending a future exact survey. The generally accepted boundary follows a point starting on the south edge of Bong Ave. and west of the parking lot, then south along the parking lot, the School District building, the open area and the west side of the Army Reserve property to the north edge of Markey Road. Then turning west following the north edge of Markey to Bales Ave. (old Walker Rd.) and then north following Bales to a dirt road called Traut Trail. Then turning east northeast on Traut Trail to a point north and east of the #13 tee, then southeast to a point below the old MCO Club building that point being behind or east of #12 green. Then southeast to west edge of Fairchild Drive and then south along Fairchild Drive to the south edge of Bong Ave. then east along Bong Ave. to the starting point on Bong Ave., just west of the parking lot.



Site Name:

City of Belton Golf Course
Belton, Missouri

1995 AERIAL PHOTOGRAPH

Scale:

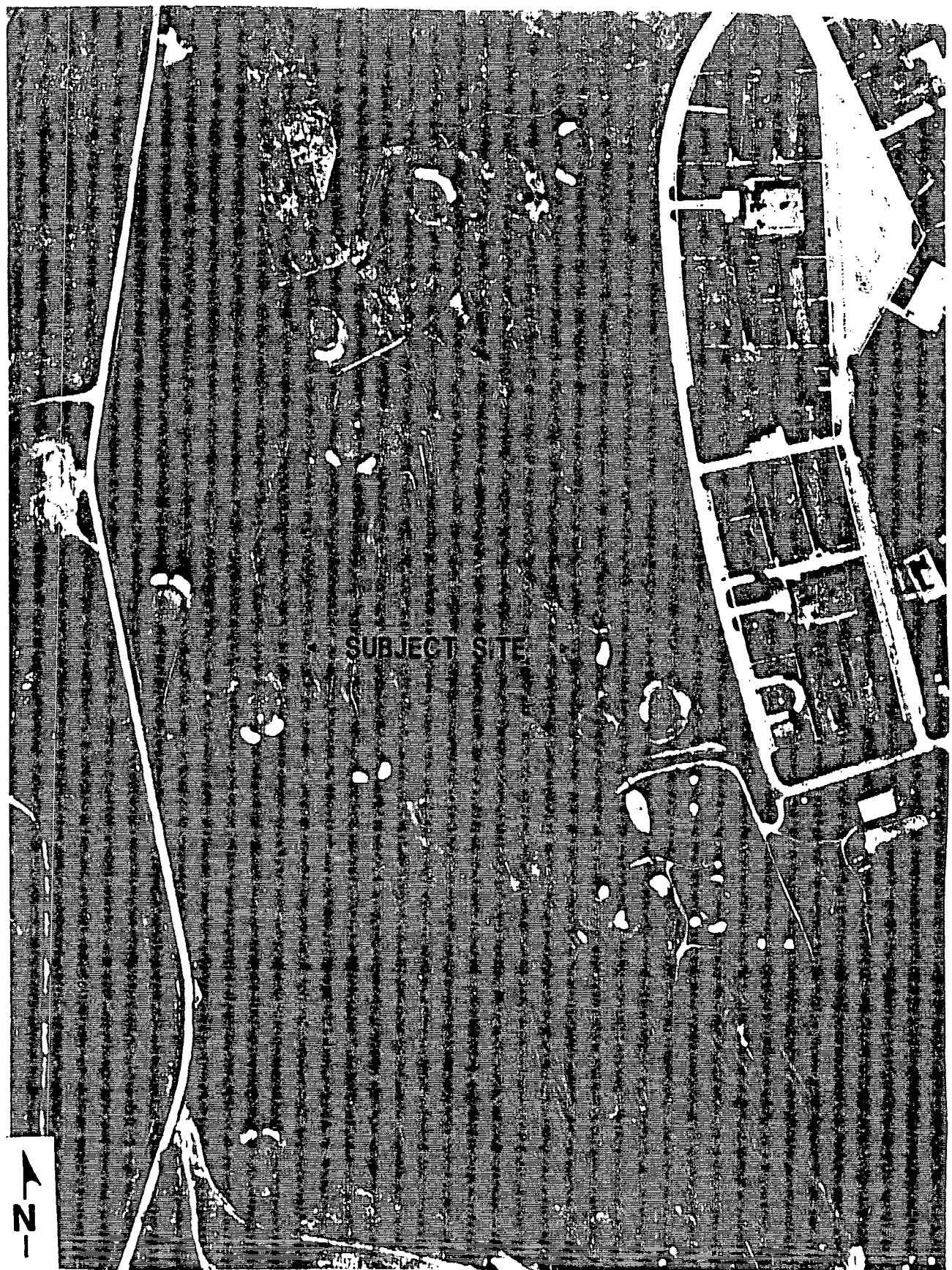
1" = 400'

Project No:

598 5E 106 B

Date:

October 16, 1995



Site Name:

City of Belton Golf Course
Belton, Missouri

1980 AERIAL PHOTOGRAPH

Project No:

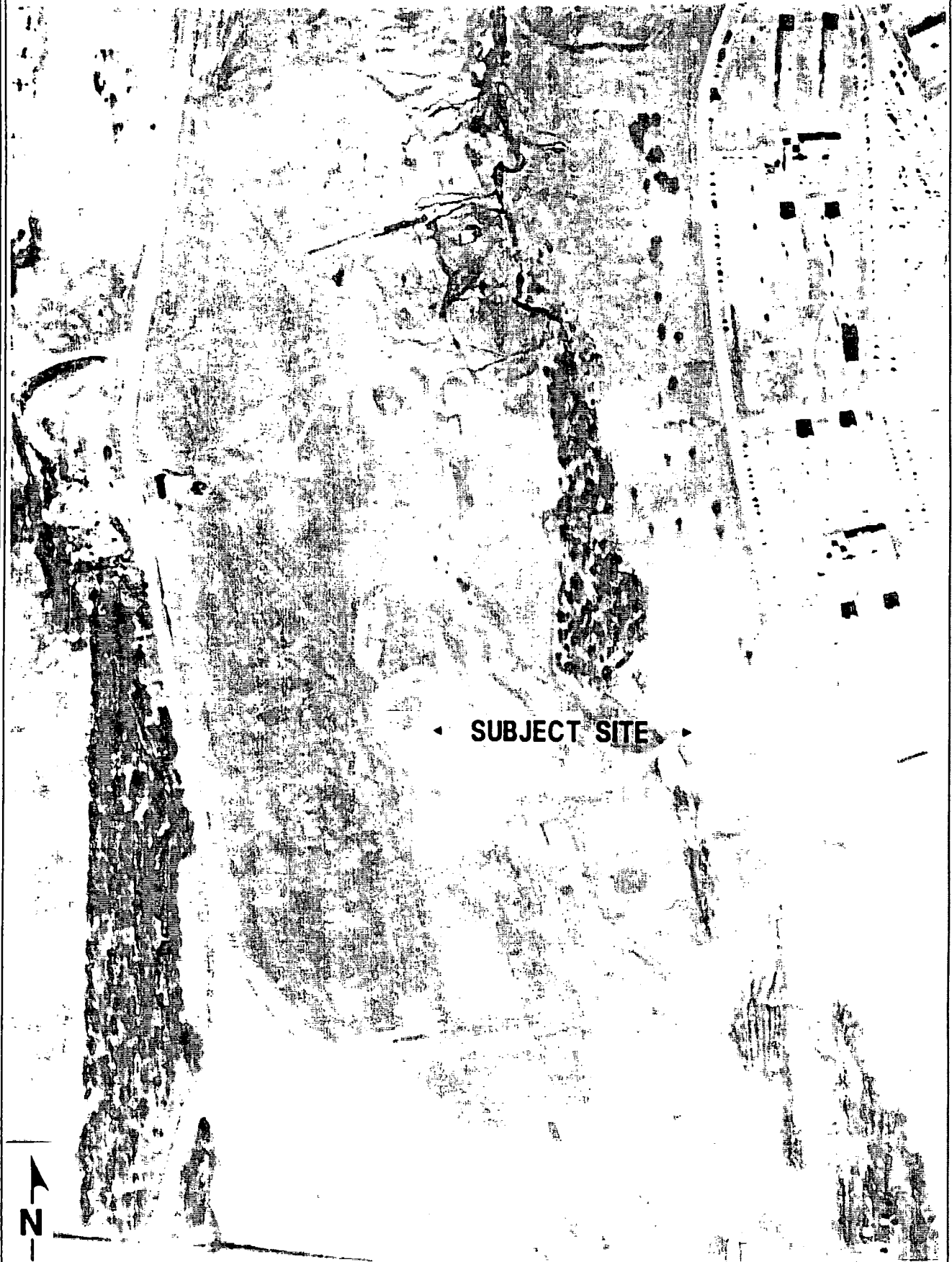
598 5E 106 B

Scale:

1" = 400'

Date:

October 16, 1995



Site Name:

City of Belton Golf Course
Belton, Missouri

1967 AERIAL PHOTOGRAPH

Scale:

1" = 400'

Project No:

598 5E 106 B

Date:

October 16, 1995

APPENDIX C

REGULATORY DOCUMENTATION

EDR-Site ReportTM

for

RICHARDO - GEBEUR AIR BASE

15404 MAXWELL AVE
KANSAS CITY, MO 64147

Inquiry Number:

August 29, 1995

EDR Environmental
Data
Resources, Inc.

Creators of Toxicheck[®]

The Source
For Environmental
Risk Management
Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

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Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

This Report contains information obtained from a variety of public sources and EDR makes no representation or warranty regarding the accuracy, reliability, quality, or completeness of said information contained in this report. The customer shall assume full responsibility for the use of this report. No warranty of merchantability or of fitness for a particular purpose, expressed or implied, shall apply and EDR specifically disclaims the making of such warranties. In no event shall EDR be liable to anyone for special, incidental, consequential or exemplary damages.

SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	RICHARDO - GEBUR AIR BASE 15404 MAXWELL AVE KANSAS CITY, MO 64147 EDR ID #S100773813
WASTE MANAGEMENT	
Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSDF)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	YES - p4
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL	
Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LS)	NO
MULTIMEDIA	
Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY	
Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported leaking underground storage tank incidents

DATABASE: Leaking Petroleum Storage Tank Database (LUST)

RICHARDO - GEBUR AIR BASE
15404 MAXWELL AVE
KANSAS CITY, MO 64147

LUST:
Facility ID: LU2102

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement for databases included in ASTM E1527-94.

WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 202-260-3393

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/1995

Date Made Active at EDR: 08/22/1995

Date of Data Arrival at EDR: 06/28/1995

Elapsed ASTM Days: 55

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/1995

Date of Next Scheduled Update: 10/02/95

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 202-260-3393

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/1995

Date of Next Scheduled Update: 09/18/95

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/1994

Date of Next Scheduled Update: 09/18/95

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/01/1995

Date of Next Scheduled Update: 10/16/95

MO AST: Service Station Master Listing

Source: Department of Agriculture

Telephone: 314-751-4278

Date of Government Version: 05/01/1995

Date of Next Scheduled Update: 11/13/95

MO UST: Underground Storage Tank Information

Source: Department of Natural Resources

Telephone: 314-751-7326

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/31/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/30/1995

Elapsed ASTM Days: 27

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO LUST: Leaking Underground Storage Tanks
Source: Department of Natural Resources
Telephone: 314-526-3349

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/31/1995
Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/16/1995
Elapsed ASTM Days: 40

ERNS: Emergency Response Notification System

Source: EPA
Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/1994
Date Made Active at EDR: 05/25/1995

Date of Data Arrival at EDR: 04/11/1995
Elapsed ASTM Days: 44

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/1994

Date of Next Scheduled Update: 12/04/95

WASTE DISPOSAL

NPL: National Priority List

Source: EPA
Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 05/26/1995
Date Made Active at EDR: 06/06/1995

Date of Data Arrival at EDR: 06/06/1995
Elapsed ASTM Days: 0

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS
Telephone: 703-416-0702

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System. CERCLIS contains information on sites identified by the USEPA as known or suspect abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 03/15/1995
Date Made Active at EDR: 06/08/1995

Date of Data Arrival at EDR: 04/25/1995
Elapsed ASTM Days: 44

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Made Active at EDR: 03/30/1994

Date of Data Arrival at EDR: 02/02/1994
Elapsed ASTM Days: 56

MO SHWS: Registry and Registry Log

Source: Department of Natural Resources
Telephone: 314-751-1990

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/30/1995
Date Made Active at EDR: 08/21/1995

Date of Data Arrival at EDR: 07/21/1995
Elapsed ASTM Days: 31

SECTION 3. DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO SWF/LS: Solid Waste Disposal Areas & Processing Facilities

Source: Department of Natural Resources

Telephone: 314-751-5401

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type 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 Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/19/1995

Elapsed ASTM Days: 37

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/1992

Date of Next Scheduled Update: 10/09/95

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/1986

Date of Next Scheduled Update: 09/18/95

FTTS: FIFRA / TSCA Tracking System

Source: EPA/Office of Prevention, Pesticides & Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/15/1995

Date of Next Scheduled Update: 11/06/95

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 07/27/1994

Date of Next Scheduled Update: 10/16/95

POTENTIAL SUPERFUND LIABILITY

SETS: Site Enforcement Tracking System

Source: EPA/NTIS

Telephone: 202-260-8718

SETS list the potentially responsible parties (PRPs) recorded by EPA (in SETS) at Superfund sites. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/15/1995

Elapsed ASTM Days: 42

EDR-Site Report™

for

RICHARDS-GEBAUR AIRPORT

3509 E 147TH ST BLDG 1010

KANSAS CITY, MO 64147

Inquiry Number:

August 29, 1995



**Environmental
Data
Resources, Inc.**

Creators of Toxicheck®

***The Source
For Environmental
Risk Management
Data***

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

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Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	RICHARDS-GEBAUR AIRPORT 3509 E 147TH ST BLDG 1010 KANSAS CITY, MO 64147 EDR ID #U001159035
WASTE MANAGEMENT	
Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSDF)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	YES - p4
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL	
Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LS)	NO
MULTIMEDIA	
Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY	
Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility manages registered underground storage tanks

DATABASE: Petroleum Storage Tank Database (UST)

RICHARDS-GEBAUR AIRPORT -
3509 E 147TH ST BLDG 1010
KANSAS CITY, MO 64147

UST:

Facility ID: UT0012633
Total Tanks: 3
Tank ID: 1
Tank Status: Currently in use
Capacity: 1000
Substance: PETROLEUM

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

Facility ID: UT0012633
Total Tanks: 3
Tank ID: 2
Tank Status: Permanently closed in place
Capacity: 2500
Substance: PETROLEUM

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

Facility ID: UT0012633
Total Tanks: 3
Tank ID: 3
Tank Status: Permanently closed in place
Capacity: 500
Substance: DIESEL

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

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WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 202-260-3393

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/1995
Date Made Active at EDR: 08/22/1995

Date of Data Arrival at EDR: 06/28/1995
Elapsed ASTM Days: 55

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/1995

Date of Next Scheduled Update: 10/02/95

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 202-260-3393

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/1995

Date of Next Scheduled Update: 09/18/95

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/1994

Date of Next Scheduled Update: 09/18/95

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/01/1995

Date of Next Scheduled Update: 10/16/95

MO AST: Service Station Master Listing

Source: Department of Agriculture

Telephone: 314-751-4278

Date of Government Version: 05/01/1995

Date of Next Scheduled Update: 11/13/95

MO UST: Underground Storage Tank Information

Source: Department of Natural Resources

Telephone: 314-751-7326

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/31/1995
Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/30/1995
Elapsed ASTM Days: 27

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO LUST: Leaking Underground Storage Tanks

Source: Department of Natural Resources

Telephone: 314-526-3349

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/31/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/16/1995

Elapsed ASTM Days: 40

ERNS: Emergency Response Notification System

Source: EPA

Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/1994

Date Made Active at EDR: 05/25/1995

Date of Data Arrival at EDR: 04/11/1995

Elapsed ASTM Days: 44

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/1994

Date of Next Scheduled Update: 12/04/95

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 05/26/1995

Date Made Active at EDR: 06/06/1995

Date of Data Arrival at EDR: 06/06/1995

Elapsed ASTM Days: 0

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-416-0702

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System. CERCLIS contains information on sites identified by the USEPA as known or suspect abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 03/15/1995

Date Made Active at EDR: 06/08/1995

Date of Data Arrival at EDR: 04/25/1995

Elapsed ASTM Days: 44

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

MO SHWS: Registry and Registry Log

Source: Department of Natural Resources

Telephone: 314-751-1990

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/30/1995

Date Made Active at EDR: 08/21/1995

Date of Data Arrival at EDR: 07/21/1995

Elapsed ASTM Days: 31

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO SWF/LS: Solid Waste Disposal Areas & Processing Facilities

Source: Department of Natural Resources

Telephone: 314-751-5401

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type 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 Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/19/1995

Elapsed ASTM Days: 37

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/1992

Date of Next Scheduled Update: 10/09/95

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/1986

Date of Next Scheduled Update: 09/18/95

FTTS: FIFRA / TSCA Tracking System

Source: EPA/Office of Prevention, Pesticides & Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/15/1995

Date of Next Scheduled Update: 11/06/95

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 07/27/1994

Date of Next Scheduled Update: 10/16/95

POTENTIAL SUPERFUND LIABILITY

SETS: Site Enforcement Tracking System

Source: EPA/NTIS

Telephone: 202-260-8718

SETS list the potentially responsible parties (PRPs) recorded by EPA (in SETS) at Superfund sites. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/15/1995

Elapsed ASTM Days: 42

EDR-Site Report™

for

RICHARDS-GEBAUR AIRPORT

3401 E 155TH TER BLDG 82
KANSAS CITY, MO 64147

Inquiry Number:

August 29, 1995



**Environmental
Data
Resources, Inc.**

Creators of Toxicheck®

***The Source*
For Environmental
Risk Management
Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

This Report contains information obtained from a variety of public sources and EDR makes no representation or warranty regarding the accuracy, reliability, quality, or completeness of said information contained in this report. The customer shall assume full responsibility for the use of this report. No warranty of merchantability or of fitness for a particular purpose, expressed or implied, shall apply and EDR specifically disclaims the making of such warranties. In no event shall EDR be liable to anyone for special, incidental, consequential or exemplary damages.

SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	RICHARDS-GEBAUR AIRPORT 3401 E 155TH TER BLDG 82 KANSAS CITY, MO 64147 EDR ID #U001159837
WASTE MANAGEMENT	
Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSD)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	YES - p4
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL	
Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LS)	NO
MULTIMEDIA	
Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY	
Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility manages registered underground storage tanks

DATABASE: Petroleum Storage Tank Database (UST)

RICHARDS-GEBAUR AIRPORT -
3401 E 155TH TER BLDG 82
KANSAS CITY, MO 64147

UST:

Facility ID: UT0012631
Total Tanks: 2
Tank ID: 1
Tank Status: Currently in use
Capacity: 15000
Substance: GASOLINE

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

Facility ID: UT0012631
Total Tanks: 2
Tank ID: 2
Tank Status: Currently in use
Capacity: 500
Substance: USED OIL

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement for databases included in ASTM E1527-94.

WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 202-260-3393

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/1995

Date Made Active at EDR: 08/22/1995

Date of Data Arrival at EDR: 06/28/1995

Elapsed ASTM Days: 55

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/1995

Date of Next Scheduled Update: 10/02/95

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 202-260-3393

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/1995

Date of Next Scheduled Update: 09/18/95

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/1994

Date of Next Scheduled Update: 09/18/95

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/01/1995

Date of Next Scheduled Update: 10/16/95

MO AST: Service Station Master Listing

Source: Department of Agriculture

Telephone: 314-751-4278

Date of Government Version: 05/01/1995

Date of Next Scheduled Update: 11/13/95

MO UST: Underground Storage Tank Information

Source: Department of Natural Resources

Telephone: 314-751-7326

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/31/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/30/1995

Elapsed ASTM Days: 27

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO LUST: Leaking Underground Storage Tanks

Source: Department of Natural Resources

Telephone: 314-526-3349

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/31/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/16/1995

Elapsed ASTM Days: 40

ERNS: Emergency Response Notification System

Source: EPA

Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/1994

Date Made Active at EDR: 05/25/1995

Date of Data Arrival at EDR: 04/11/1995

Elapsed ASTM Days: 44

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/1994

Date of Next Scheduled Update: 12/04/95

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 05/26/1995

Date Made Active at EDR: 06/06/1995

Date of Data Arrival at EDR: 06/06/1995

Elapsed ASTM Days: 0

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-416-0702

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System. CERCLIS contains information on sites identified by the USEPA as known or suspect abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 03/15/1995

Date Made Active at EDR: 06/08/1995

Date of Data Arrival at EDR: 04/25/1995

Elapsed ASTM Days: 44

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

MO SHWS: Registry and Registry Log

Source: Department of Natural Resources

Telephone: 314-751-1990

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/30/1995

Date Made Active at EDR: 08/21/1995

Date of Data Arrival at EDR: 07/21/1995

Elapsed ASTM Days: 31

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO SWF/LS: Solid Waste Disposal Areas & Processing Facilities

Source: Department of Natural Resources

Telephone: 314-751-5401

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type 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 Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/19/1995

Elapsed ASTM Days: 37

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/1992

Date of Next Scheduled Update: 10/09/95

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/1986

Date of Next Scheduled Update: 09/18/95

FTTS: FIFRA / TSCA Tracking System

Source: EPA/Office of Prevention, Pesticides & Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/15/1995

Date of Next Scheduled Update: 11/06/95

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 07/27/1994

Date of Next Scheduled Update: 10/16/95

POTENTIAL SUPERFUND LIABILITY

SETS: Site Enforcement Tracking System

Source: EPA/NTIS

Telephone: 202-260-8718

SETS list the potentially responsible parties (PRPs) recorded by EPA (in SETS) at Superfund sites. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/15/1995

Elapsed ASTM Days: 42

EDR-Site ReportTM

for

RICHARDS-GEBAUR AIRPORT

3411 E 155TH TER BLDG 829

KANSAS CITY, MO 64147

Inquiry Number:

August 29, 1995



**Environmental
Data
Resources, Inc.**

Creators of Toxichack[®]

***The Source
For Environmental
Risk Management
Data***

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

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Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	RICHARDS-GEBAUR AIRPORT 3411 E 155TH TER BLDG 829 KANSAS CITY, MO 64147 EDR ID #U000752660
WASTE MANAGEMENT Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSD)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	YES - p4
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LS)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility manages registered underground storage tanks

DATABASE: Petroleum Storage Tank Database (UST)

RICHARDS-GEBAUR AIRPORT-
3411 E 155TH TER BLDG 829
KANSAS CITY, MO 64147

UST:

Facility ID: UT0012632
Total Tanks: 3
Tank ID: 1
Tank Status: Currently in use
Capacity: 500
Substance: USED OIL

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

Facility ID: UT0012632
Total Tanks: 3
Tank ID: 2
Tank Status: Currently in use
Capacity: 1000
Substance: DIESEL

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

Facility ID: UT0012632
Total Tanks: 3
Tank ID: 3
Tank Status: Currently in use
Capacity: 1000
Substance: GASOLINE

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

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WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 202-260-3393

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/1995

Date Made Active at EDR: 08/22/1995

Date of Data Arrival at EDR: 06/28/1995

Elapsed ASTM Days: 55

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/1995

Date of Next Scheduled Update: 10/02/95

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 202-260-3393

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/1995

Date of Next Scheduled Update: 09/18/95

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/1994

Date of Next Scheduled Update: 09/18/95

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/01/1995

Date of Next Scheduled Update: 10/16/95

MO AST: Service Station Master Listing

Source: Department of Agriculture

Telephone: 314-751-4278

Date of Government Version: 05/01/1995

Date of Next Scheduled Update: 11/13/95

MO UST: Underground Storage Tank Information

Source: Department of Natural Resources

Telephone: 314-751-7326

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/31/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/30/1995

Elapsed ASTM Days: 27

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO LUST: Leaking Underground Storage Tanks

Source: Department of Natural Resources

Telephone: 314-526-3349

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/31/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/16/1995

Elapsed ASTM Days: 40

ERNS: Emergency Response Notification System

Source: EPA

Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/1994

Date Made Active at EDR: 05/25/1995

Date of Data Arrival at EDR: 04/11/1995

Elapsed ASTM Days: 44

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/1994

Date of Next Scheduled Update: 12/04/95

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 05/26/1995

Date Made Active at EDR: 06/06/1995

Date of Data Arrival at EDR: 06/06/1995

Elapsed ASTM Days: 0

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-416-0702

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System. CERCLIS contains information on sites identified by the USEPA as known or suspect abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 03/15/1995

Date Made Active at EDR: 06/08/1995

Date of Data Arrival at EDR: 04/25/1995

Elapsed ASTM Days: 44

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

MO SHWS: Registry and Registry Log

Source: Department of Natural Resources

Telephone: 314-751-1990

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/30/1995

Date Made Active at EDR: 08/21/1995

Date of Data Arrival at EDR: 07/21/1995

Elapsed ASTM Days: 31

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO SWF/LS: Solid Waste Disposal Areas & Processing Facilities

Source: Department of Natural Resources

Telephone: 314-751-5401

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type 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 Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/19/1995

Elapsed ASTM Days: 37

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/1992

Date of Next Scheduled Update: 10/09/95

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/1986

Date of Next Scheduled Update: 09/18/95

FTTS: Ffira / Tscs Tracking System

Source: EPA/Office of Prevention, Pesticides & Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/15/1995

Date of Next Scheduled Update: 11/06/95

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 07/27/1994

Date of Next Scheduled Update: 10/16/95

POTENTIAL SUPERFUND LIABILITY

SETS: Site Enforcement Tracking System

Source: EPA/NTIS

Telephone: 202-260-8718

SETS list the potentially responsible parties (PRPs) recorded by EPA (in SETS) at Superfund sites. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/15/1995

Elapsed ASTM Days: 42

EDR-Site ReportTM

for

RICHARDS-GEBAUR AIRPORT

15415 DENVER AVE, BLDG 1301

KANSAS CITY, MO 64147

Inquiry Number:

August 29, 1995

EDR Environmental
Data
Resources, Inc.

Creators of Toxicheck[®]

The Source
For Environmental
Risk Management
Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

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Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

This Report contains information obtained from a variety of public sources and EDR makes no representation or warranty regarding the accuracy, reliability, quality, or completeness of said information contained in this report. The customer shall assume full responsibility for the use of this report. No warranty of merchantability or of fitness for a particular purpose, expressed or implied, shall apply and EDR specifically disclaims the making of such warranties. In no event shall EDR be liable to anyone for special, incidental, consequential or exemplary damages.

SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	RICHARDS-GEBAUR AIRPORT 15415 DENVER AVE. BLDG 1301 KANSAS CITY, MO 64147 EDR ID #U001159836
WASTE MANAGEMENT	
Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSDF)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	YES - p4
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERWS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL	
Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LS)	NO
MULTIMEDIA	
Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY	
Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility manages registered underground storage tanks

DATABASE: Petroleum Storage Tank Database (UST)

RICHARDS-GEBAUR AIRPORT
15415 DENVER AVE, BLDG 1301
KANSAS CITY, MO 64147

UST:

Facility ID: UT0012635
Total Tanks: 1
Tank ID: 1
Tank Status: Permanently closed in place
Capacity: 4000
Substance: PETROLEUM

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement for databases included in ASTM E1527-94.

WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 202-260-3393

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/1995

Date Made Active at EDR: 08/22/1995

Date of Data Arrival at EDR: 06/28/1995

Elapsed ASTM Days: 55

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/1995

Date of Next Scheduled Update: 10/02/95

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 202-260-3393

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/1995

Date of Next Scheduled Update: 09/18/95

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/1994

Date of Next Scheduled Update: 09/18/95

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/01/1995

Date of Next Scheduled Update: 10/16/95

MO AST: Service Station Master Listing

Source: Department of Agriculture

Telephone: 314-751-4278

Date of Government Version: 05/01/1995

Date of Next Scheduled Update: 11/13/95

MO UST: Underground Storage Tank Information

Source: Department of Natural Resources

Telephone: 314-751-7326

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/31/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/30/1995

Elapsed ASTM Days: 27

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO LUST: Leaking Underground Storage Tanks

Source: Department of Natural Resources

Telephone: 314-526-3349

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/31/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/16/1995

Elapsed ASTM Days: 40

ERNS: Emergency Response Notification System

Source: EPA

Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/1994

Date Made Active at EDR: 05/25/1995

Date of Data Arrival at EDR: 04/11/1995

Elapsed ASTM Days: 44

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/1994

Date of Next Scheduled Update: 12/04/95

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 05/26/1995

Date Made Active at EDR: 06/06/1995

Date of Data Arrival at EDR: 06/06/1995

Elapsed ASTM Days: 0

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-416-0702

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System. CERCLIS contains information on sites identified by the USEPA as known or suspect abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 03/15/1995

Date Made Active at EDR: 06/08/1995

Date of Data Arrival at EDR: 04/25/1995

Elapsed ASTM Days: 44

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

MO SHWS: Registry and Registry Log

Source: Department of Natural Resources

Telephone: 314-751-1990

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/30/1995

Date Made Active at EDR: 08/21/1995

Date of Data Arrival at EDR: 07/21/1995

Elapsed ASTM Days: 31

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO SWF/LS: Solid Waste Disposal Areas & Processing Facilities

Source: Department of Natural Resources

Telephone: 314-751-5401

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type 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 Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/19/1995

Elapsed ASTM Days: 37

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/1992

Date of Next Scheduled Update: 10/09/95

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/1986

Date of Next Scheduled Update: 09/18/95

FTTS: FIFRA / TSCA Tracking System

Source: EPA/Office of Prevention, Pesticides & Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/15/1995

Date of Next Scheduled Update: 11/06/95

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRAIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 07/27/1994

Date of Next Scheduled Update: 10/16/95

POTENTIAL SUPERFUND LIABILITY

SETS: Site Enforcement Tracking System

Source: EPA/NTIS

Telephone: 202-260-8718

SETS list the potentially responsible parties (PRPs) recorded by EPA (in SETS) at Superfund sites. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/15/1995

Elapsed ASTM Days: 42

EDR-Site Report™

for

RICHARDS-GEBAUR AIRPORT

15600 SPRUCE AVE BLDG 514

KANSAS CITY, MO 64147

Inquiry Number:

August 29, 1995



**Environmental
Data
Resources, Inc.**

Creators of Toxichack®

***The Source
For Environmental
Risk Management
Data***

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

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The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

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All available detailed information from databases where sites are identified.

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Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

This Report contains information obtained from a variety of public sources and EDR makes no representation or warranty regarding the accuracy, reliability, quality, or completeness of said information contained in this report. The customer shall assume full responsibility for the use of this report. No warranty of merchantability or of fitness for a particular purpose, expressed or implied, shall apply and EDR specifically disclaims the making of such warranties. In no event shall EDR be liable to anyone for special, incidental, consequential or exemplary damages.

SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	RICHARDS-GEBAUR AIRPORT 15600 SPRUCE AVE BLDG 514 KANSAS CITY, MO 64147 EDR ID: R1001159833
WASTE MANAGEMENT	
Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSD)	NO
Facility has received Notices of Violations (RCRIS/NOI)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	YES - p4
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (EBNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL	
Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LS)	NO
MULTIMEDIA	
Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY	
Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility manages registered underground storage tanks

DATABASE: Petroleum Storage Tank Database (UST)

RICHARDS-GEBAUR AIRPORT-
15600 SPRUCE AVE BLDG 514
KANSAS CITY, MO 64147

UST:

Facility ID:	UT0012625	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	1	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Currently in use	Owner Address:	15405 MAXWELL AVENUE
Capacity:	50000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	PETROLEUM	Owner Telephone:	816/322/0001
Facility ID:	UT0012625	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	2	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Currently in use	Owner Address:	15405 MAXWELL AVENUE
Capacity:	50000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	PETROLEUM	Owner Telephone:	816/322/0001
Facility ID:	UT0012625	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	3	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Currently in use	Owner Address:	15405 MAXWELL AVENUE
Capacity:	50000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	PETROLEUM	Owner Telephone:	816/322/0001
Facility ID:	UT0012625	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	4	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Currently in use	Owner Address:	15405 MAXWELL AVENUE
Capacity:	50000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	PETROLEUM	Owner Telephone:	816/322/0001
Facility ID:	UT0012625	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	5	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Currently in use	Owner Address:	15405 MAXWELL AVENUE
Capacity:	50000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	PETROLEUM	Owner Telephone:	816/322/0001

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement for databases included in ASTM E1527-94.

WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 202-260-3393

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/1995

Date Made Active at EDR: 08/22/1995

Date of Data Arrival at EDR: 06/28/1995

Elapsed ASTM Days: 55

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/1995

Date of Next Scheduled Update: 10/02/95

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 202-260-3393

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/1995

Date of Next Scheduled Update: 09/18/95

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/1994

Date of Next Scheduled Update: 09/18/95

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/01/1995

Date of Next Scheduled Update: 10/16/95

MO AST: Service Station Master Listing

Source: Department of Agriculture

Telephone: 314-751-4278

Date of Government Version: 05/01/1995

Date of Next Scheduled Update: 11/13/95

MO UST: Underground Storage Tank Information

Source: Department of Natural Resources

Telephone: 314-751-7326

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/31/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/30/1995

Elapsed ASTM Days: 27

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO LUST: Leaking Underground Storage Tanks
Source: Department of Natural Resources
Telephone: 314-526-3349

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/31/1995
Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/16/1995
Elapsed ASTM Days: 40

ERNS: Emergency Response Notification System
Source: EPA
Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/1994
Date Made Active at EDR: 05/25/1995

Date of Data Arrival at EDR: 04/11/1995
Elapsed ASTM Days: 44

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/1994

Date of Next Scheduled Update: 12/04/95

WASTE DISPOSAL

NPL: National Priority List
Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 05/26/1995
Date Made Active at EDR: 06/06/1995

Date of Data Arrival at EDR: 06/06/1995
Elapsed ASTM Days: 0

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA/NTIS
Telephone: 703-416-0702

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System. CERCLIS contains information on sites identified by the USEPA as known or suspect abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 03/15/1995
Date Made Active at EDR: 06/08/1995

Date of Data Arrival at EDR: 04/25/1995
Elapsed ASTM Days: 44

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Made Active at EDR: 03/30/1994

Date of Data Arrival at EDR: 02/02/1994
Elapsed ASTM Days: 56

MO SHWS: Registry and Registry Log

Source: Department of Natural Resources

Telephone: 314-751-1990

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/30/1995
Date Made Active at EDR: 08/21/1995

Date of Data Arrival at EDR: 07/21/1995
Elapsed ASTM Days: 31

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO SWF/LS: Solid Waste Disposal Areas & Processing Facilities

Source: Department of Natural Resources

Telephone: 314-751-5401

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type 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 Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/19/1995

Elapsed ASTM Days: 37

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/1992

Date of Next Scheduled Update: 10/09/95

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/1986

Date of Next Scheduled Update: 09/18/95

FTTS: FIFRA / TSCA Tracking System

Source: EPA/Office of Prevention, Pesticides & Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/15/1995

Date of Next Scheduled Update: 11/06/95

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 07/27/1994

Date of Next Scheduled Update: 10/16/95

POTENTIAL SUPERFUND LIABILITY

SETS: Site Enforcement Tracking System

Source: EPA/NTIS

Telephone: 202-260-8718

SETS list the potentially responsible parties (PRPs) recorded by EPA (in SETS) at Superfund sites. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/1995

Date Made Active at EDR: 08/26/1995

Date of Data Arrival at EDR: 05/15/1995

Elapsed ASTM Days: 42

EDR-Site Report™

for

RICHARDS-GEBAUR AIRPORT

NO STREET ADDRESS
KANSAS CITY, MO 64147

Inquiry Number:

August 29, 1995



**Environmental
Data
Resources, Inc.**

Creators of Toxicheck®

***The Source
For Environmental
Risk Management
Data***

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

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The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

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Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

This Report contains information obtained from a variety of public sources and EDR makes no representation or warranty regarding the accuracy, reliability, quality, or completeness of said information contained in this report. The customer shall assume full responsibility for the use of this report. No warranty of merchantability or of fitness for a particular purpose, expressed or implied, shall apply and EDR specifically disclaims the making of such warranties. In no event shall EDR be liable to anyone for special, incidental, consequential or exemplary damages.

SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	RICHARDS-GEBAUR AIRPORT NO STREET ADDRESS KANSAS CITY, MO 64147 EDR ID #U000752662
WASTE MANAGEMENT Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSD)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	YES - p4
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LS)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility manages registered underground storage tanks

DATABASE: Petroleum Storage Tank Database (UST)

RICHARDS-GEBAUR AIRPORT-
NO STREET ADDRESS
KANSAS CITY, MO 64147

UST:

Facility ID: UT0012634
Total Tanks: 1
Tank ID: 1
Tank Status: Permanently closed in place
Capacity: 2000
Substance: DIESEL

Facility Contact: Not reported
Facility Telephone: Not reported
Owner Name: AVIATION DEPARTMENT/RICHARDS-GEBAUR
Owner Address: 15405 MAXWELL AVENUE
City, State, Zip: KANSAS CITY, MO 64147
Owner Telephone: 816/322/0001

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases. EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement for databases included in ASTM E1527-94.

WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 202-260-3393

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/1995

Date Made Active at EDR: 08/22/1995

Date of Data Arrival at EDR: 06/28/1995

Elapsed ASTM Days: 55

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/1995

Date of Next Scheduled Update: 10/02/95

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 202-260-3393

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/1995

Date of Next Scheduled Update: 09/18/95

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/1994

Date of Next Scheduled Update: 09/18/95

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/01/1995

Date of Next Scheduled Update: 10/16/95

MO AST: Service Station Master Listing

Source: Department of Agriculture

Telephone: 314-751-4278

Date of Government Version: 05/01/1995

Date of Next Scheduled Update: 11/13/95

MO UST: Underground Storage Tank Information

Source: Department of Natural Resources

Telephone: 314-751-7326

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/31/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/30/1995

Elapsed ASTM Days: 27

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO LUST: Leaking Underground Storage Tanks

Source: Department of Natural Resources

Telephone: 314-526-3349

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/31/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/16/1995

Elapsed ASTM Days: 40

ERNS: Emergency Response Notification System

Source: EPA

Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/1994

Date Made Active at EDR: 05/25/1995

Date of Data Arrival at EDR: 04/11/1995

Elapsed ASTM Days: 44

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/1994

Date of Next Scheduled Update: 12/04/95

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 05/26/1995

Date Made Active at EDR: 06/06/1995

Date of Data Arrival at EDR: 06/06/1995

Elapsed ASTM Days: 0

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-416-0702

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System. CERCLIS contains information on sites identified by the USEPA as known or suspect abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 03/15/1995

Date Made Active at EDR: 06/08/1995

Date of Data Arrival at EDR: 04/25/1995

Elapsed ASTM Days: 44

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

MO SHWS: Registry and Registry Log

Source: Department of Natural Resources

Telephone: 314-751-1990

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/30/1995

Date Made Active at EDR: 08/21/1995

Date of Data Arrival at EDR: 07/21/1995

Elapsed ASTM Days: 31

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO SWF/LS: Solid Waste Disposal Areas & Processing Facilities

Source: Department of Natural Resources

Telephone: 314-751-5401

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type 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 Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/19/1995

Elapsed ASTM Days: 37

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/1992

Date of Next Scheduled Update: 10/09/95

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/1986

Date of Next Scheduled Update: 09/18/95

FTTS: FIFRA / TSCA Tracking System

Source: EPA/Office of Prevention, Pesticides & Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/15/1995

Date of Next Scheduled Update: 11/06/95

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers); TRIS and TSCA.

Date of Government Version: 07/27/1994

Date of Next Scheduled Update: 10/16/95

POTENTIAL SUPERFUND LIABILITY

SETS: Site Enforcement Tracking System

Source: EPA/NTIS

Telephone: 202-260-8718

SETS list the potentially responsible parties (PRPs) recorded by EPA (in SETS) at Superfund sites. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/15/1995

Elapsed ASTM Days: 42

EDR-Site Report™

for

RICHARDS-GEBAUR AIRPORT

NO STREET ADDRESS

KANSAS CITY, MO 64147

Inquiry Number:

August 29, 1995

EDR Environmental
Data
Resources, Inc.

Creators of Toxichack®

**The Source
For Environmental
Risk Management
Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

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Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

FACILITY	AREA
FACILITY 1: RICHARDS-GEBAUR AIRPORT NO STREET ADDRESS KANSAS CITY, MO 64147 EDR ID #U000752657	
WASTE MANAGEMENT	
Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRIS/TSDF)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	YES - p4
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL	
Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LS)	NO
MULTIMEDIA	
Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY	
Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility manages registered underground storage tanks

DATABASE: Petroleum Storage Tank Database (UST)

RICHARDS-GEBAUR AIRPORT -
NO STREET ADDRESS
KANSAS CITY, MO 64147

UST:

Facility ID:	UT0012623	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	1	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Permanently closed in place	Owner Address:	15405 MAXWELL AVENUE
Capacity:	3000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	GASOLINE	Owner Telephone:	816/322/0001
Facility ID:	UT0012623	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	2	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Permanently closed in place	Owner Address:	15405 MAXWELL AVENUE
Capacity:	3000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	GASOLINE	Owner Telephone:	816/322/0001
Facility ID:	UT0012623	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	3	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Permanently closed in place	Owner Address:	15405 MAXWELL AVENUE
Capacity:	3000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	GASOLINE	Owner Telephone:	816/322/0001
Facility ID:	UT0012623	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	4	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Permanently closed in place	Owner Address:	15405 MAXWELL AVENUE
Capacity:	3000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	GASOLINE	Owner Telephone:	816/322/0001
Facility ID:	UT0012623	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	5	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Permanently closed in place	Owner Address:	15405 MAXWELL AVENUE
Capacity:	4000	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	GASOLINE	Owner Telephone:	816/322/0001
Facility ID:	UT0012623	Facility Contact:	Not reported
Total Tanks:	6	Facility Telephone:	Not reported
Tank ID:	6	Owner Name:	AVIATION DEPARTMENT/RICHARDS-GEBAUR
Tank Status:	Permanently closed in place	Owner Address:	15405 MAXWELL AVENUE
Capacity:	500	City, State, Zip:	KANSAS CITY, MO 64147
Substance:	USED OIL	Owner Telephone:	816/322/0001

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement for databases included in ASTM E1527-94.

WASTE MANAGEMENT

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 202-260-3393

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/31/1995

Date Made Active at EDR: 08/22/1995

Date of Data Arrival at EDR: 06/28/1995

Elapsed ASTM Days: 55

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/1995

Date of Next Scheduled Update: 10/02/95

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 202-260-3393

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/1995

Date of Next Scheduled Update: 09/18/95

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3992

PADS: PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/1994

Date of Next Scheduled Update: 09/18/95

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/01/1995

Date of Next Scheduled Update: 10/16/95

MO AST: Service Station Master Listing

Source: Department of Agriculture

Telephone: 314-751-4278

Date of Government Version: 05/01/1995

Date of Next Scheduled Update: 11/13/95

MO UST: Underground Storage Tank Information

Source: Department of Natural Resources

Telephone: 314-751-7326

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/31/1995

Date Made Active at EDR: 06/26/1995

Date of Data Arrival at EDR: 05/30/1995

Elapsed ASTM Days: 27

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO LUST: Leaking Underground Storage Tanks

Source: Department of Natural Resources

Telephone: 314-526-3349

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/31/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/16/1995

Elapsed ASTM Days: 40

ERNS: Emergency Response Notification System

Source: EPA

Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/1994

Date Made Active at EDR: 05/25/1995

Date of Data Arrival at EDR: 04/11/1995

Elapsed ASTM Days: 44

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/1994

Date of Next Scheduled Update: 12/04/95

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 05/26/1995

Date Made Active at EDR: 06/06/1995

Date of Data Arrival at EDR: 06/06/1995

Elapsed ASTM Days: 0

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-416-0702

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System. CERCLIS contains information on sites identified by the USEPA as known or suspect abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 03/15/1995

Date Made Active at EDR: 06/08/1995

Date of Data Arrival at EDR: 04/25/1995

Elapsed ASTM Days: 44

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-260-8969

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

MO SHWS: Registry and Registry Log

Source: Department of Natural Resources

Telephone: 314-751-1990

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/30/1995

Date Made Active at EDR: 08/21/1995

Date of Data Arrival at EDR: 07/21/1995

Elapsed ASTM Days: 31

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MO SWF/LS: Solid Waste Disposal Areas & Processing Facilities

Source: Department of Natural Resources

Telephone: 314-751-5401

SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type 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 Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/1995

Date Made Active at EDR: 07/26/1995

Date of Data Arrival at EDR: 06/19/1995

Elapsed ASTM Days: 37

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-2320

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/1992

Date of Next Scheduled Update: 10/09/95

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/1986

Date of Next Scheduled Update: 09/18/95

FTTS: FIFRA / TSCA Tracking System

Source: EPA/Office of Prevention, Pesticides & Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/15/1995

Date of Next Scheduled Update: 11/06/95

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 800-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRAIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 07/27/1994

Date of Next Scheduled Update: 10/16/95

POTENTIAL SUPERFUND LIABILITY

SETS: Site Enforcement Tracking System

Source: EPA/NTIS

Telephone: 202-260-8718

SETS list the potentially responsible parties (PRPs) recorded by EPA (in SETS) at Superfund sites. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/1995

Date Made Active at EDR: 06/26/1995

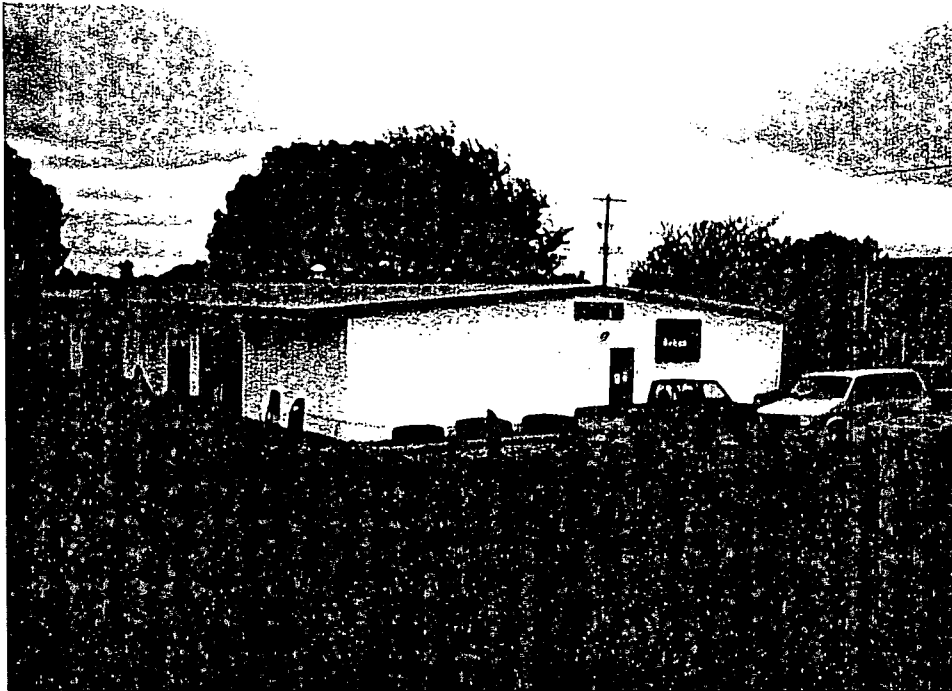
Date of Data Arrival at EDR: 05/15/1995

Elapsed ASTM Days: 42

APPENDIX E
RECONNAISSANCE PHOTOGRAPHS

APPENDIX D

RECONNAISSANCE PHOTOGRAPHS



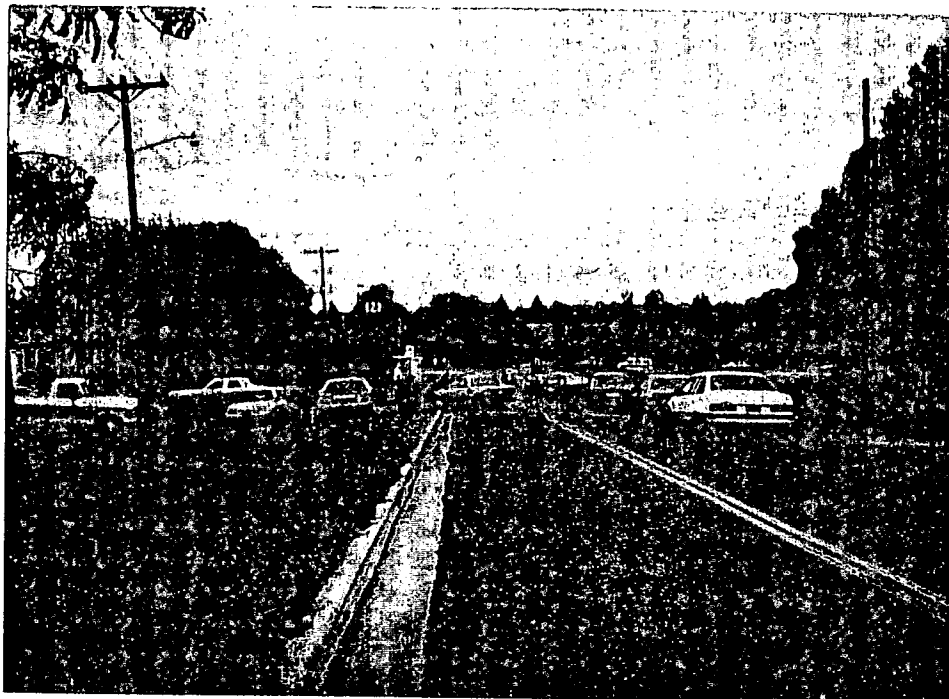
PHOTOGRAPH 1: Bellon Municipal Golf Course Clubhouse.



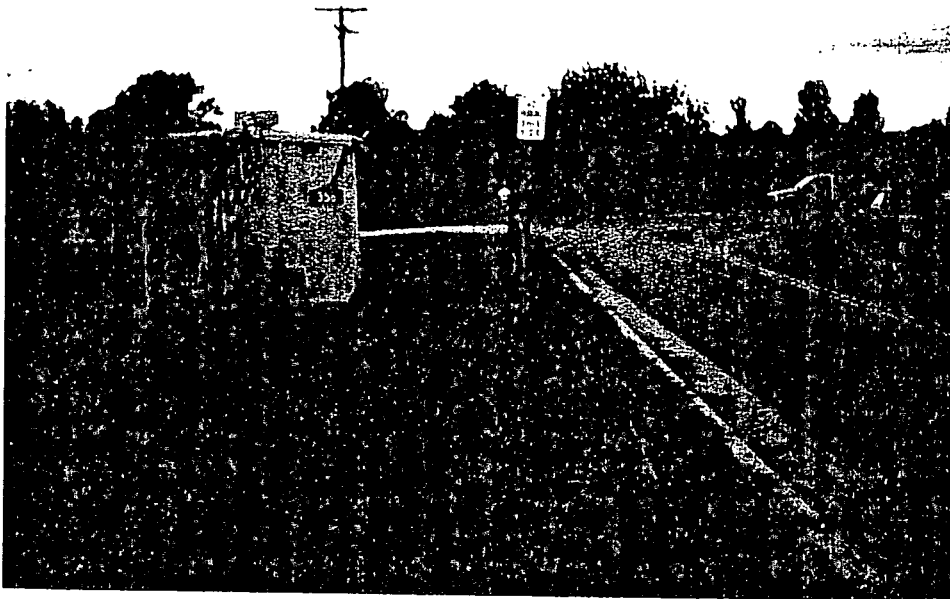
PHOTOGRAPH 2: Snack bar area.



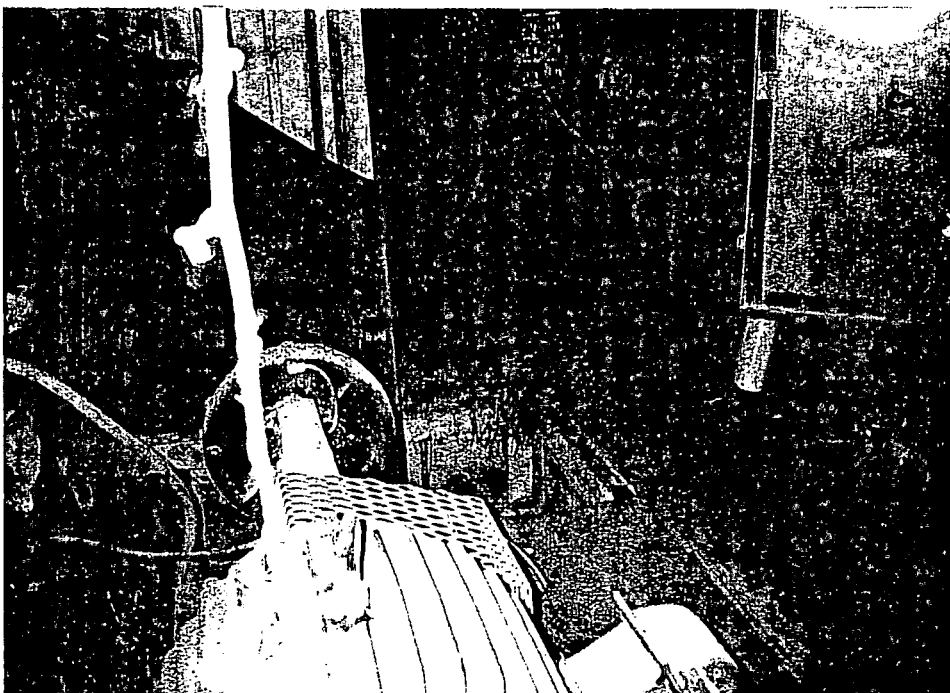
PHOTOGRAPH 3: Pro shop area.



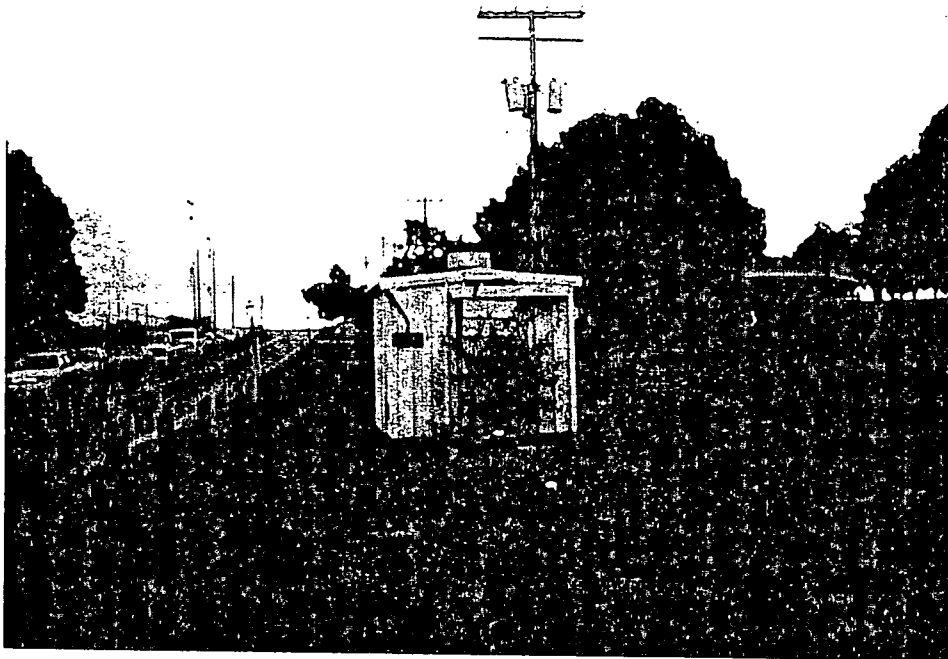
PHOTOGRAPH 4: View southwest along Bong Street.



PHOTOGRAPH 5: Building 356 - Former pumphouse.



PHOTOGRAPH 6: Building 356 - Open.



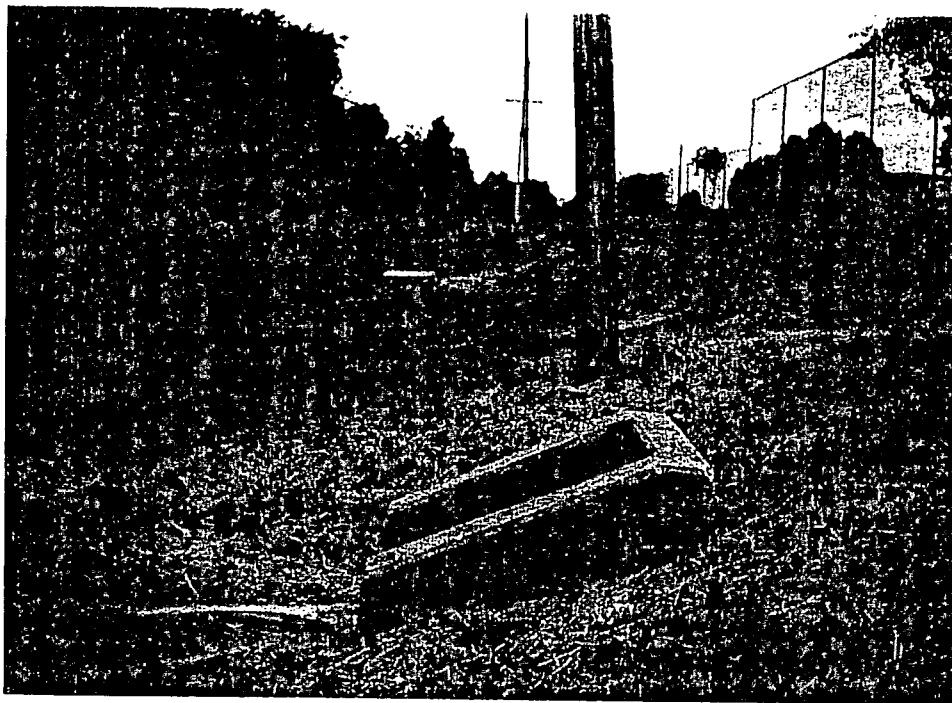
PHOTOGRAPH 7: View northeast of Building 356 and Clubhouse.



PHOTOGRAPH 8: View north along Fairchild Drive.



PHOTOGRAPH 9: View south along Fairchild Drive.



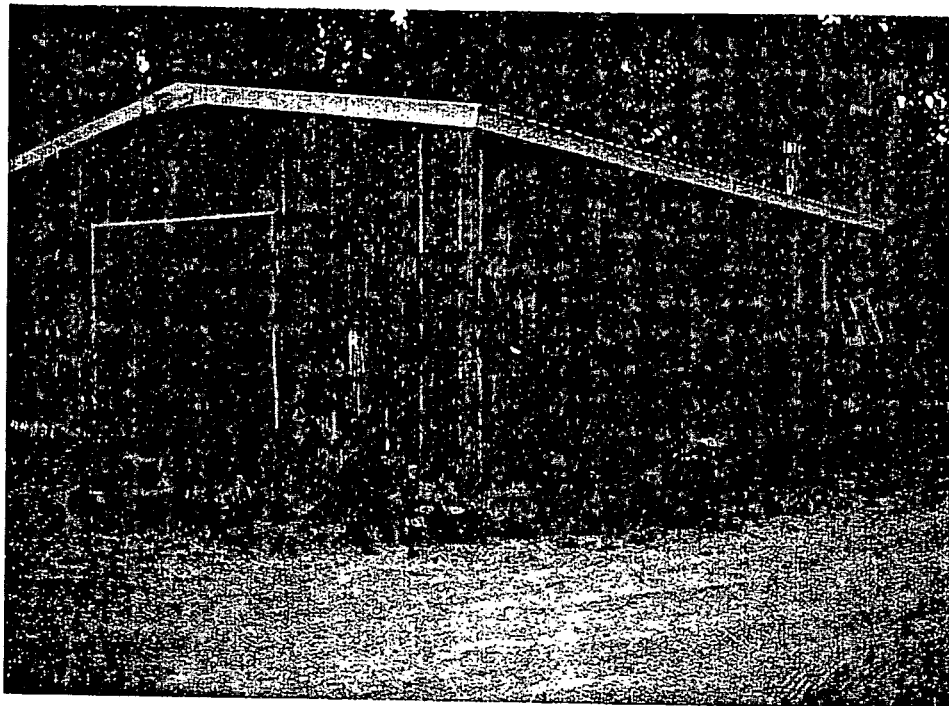
PHOTOGRAPH 10: Stormwater drainage system.



PHOTOGRAPH 11: View south along Bales Avenue.



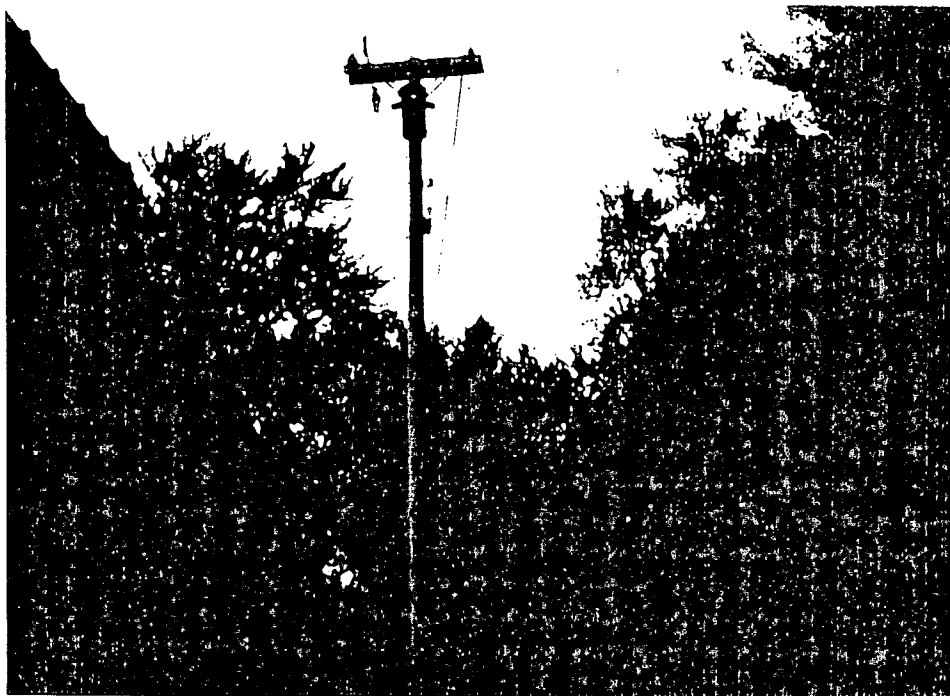
PHOTOGRAPH 12: View west along Markety Road.



PHOTOGRAPH 13: Building 354 - Maintenance facility.



PHOTOGRAPH 14: Propane AST south of building.



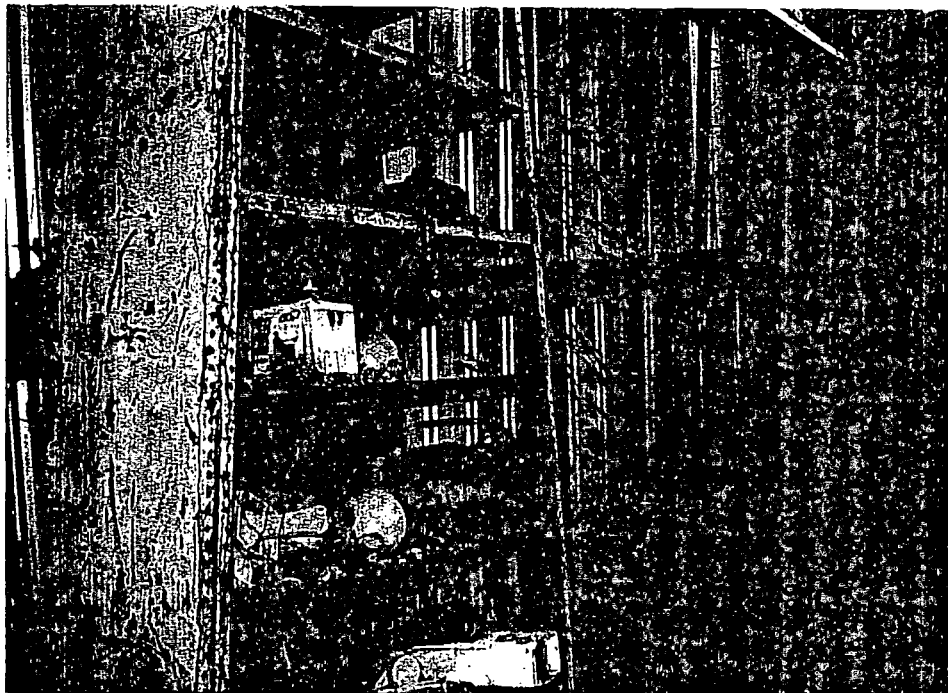
PHOTOGRAPH 15: Pole-mounted transformer on north side of building.



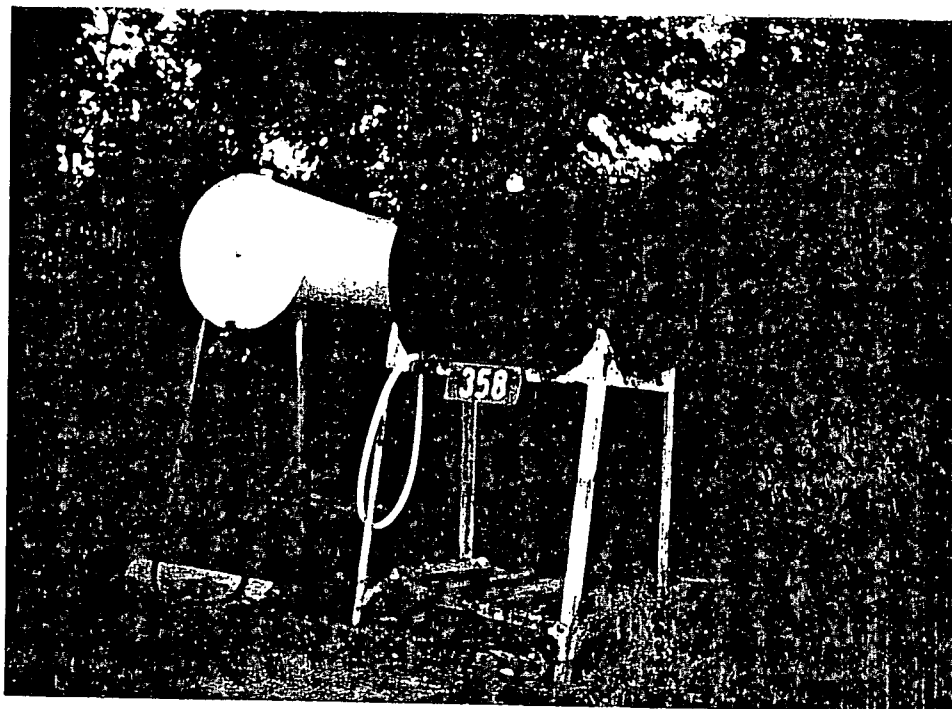
PHOTOGRAPH 16: Storage shed - east of building.



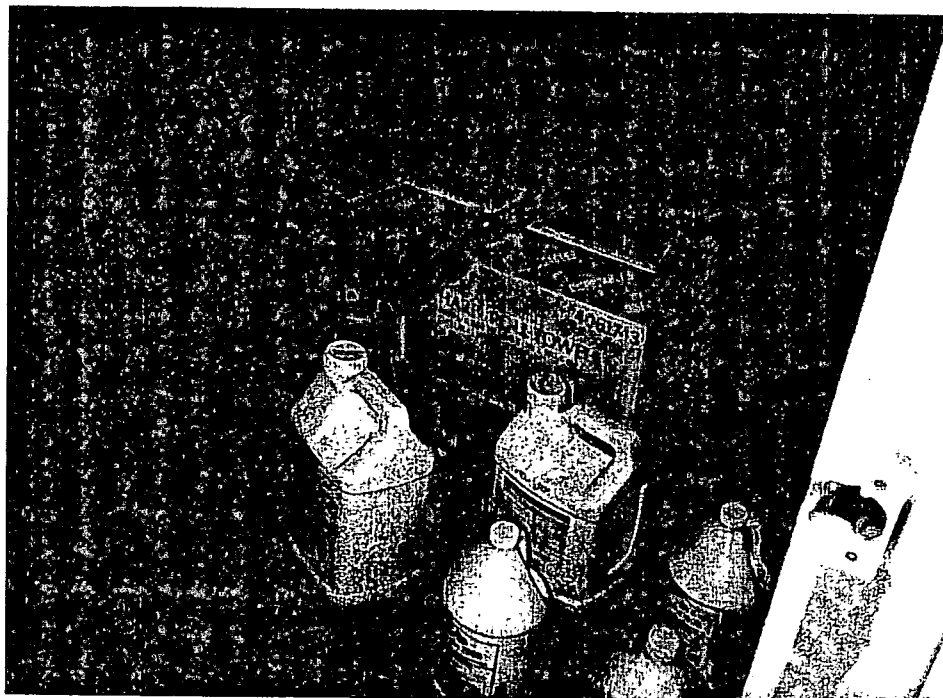
PHOTOGRAPH 17: Carport storage - notable drainage pattern to Scope Creek.



PHOTOGRAPH 18: Battery storage in carport area.



PHOTOGRAPH 19: 300-gallon gasoline AST - white.
300-gallon empty AST - rusted (out of service).



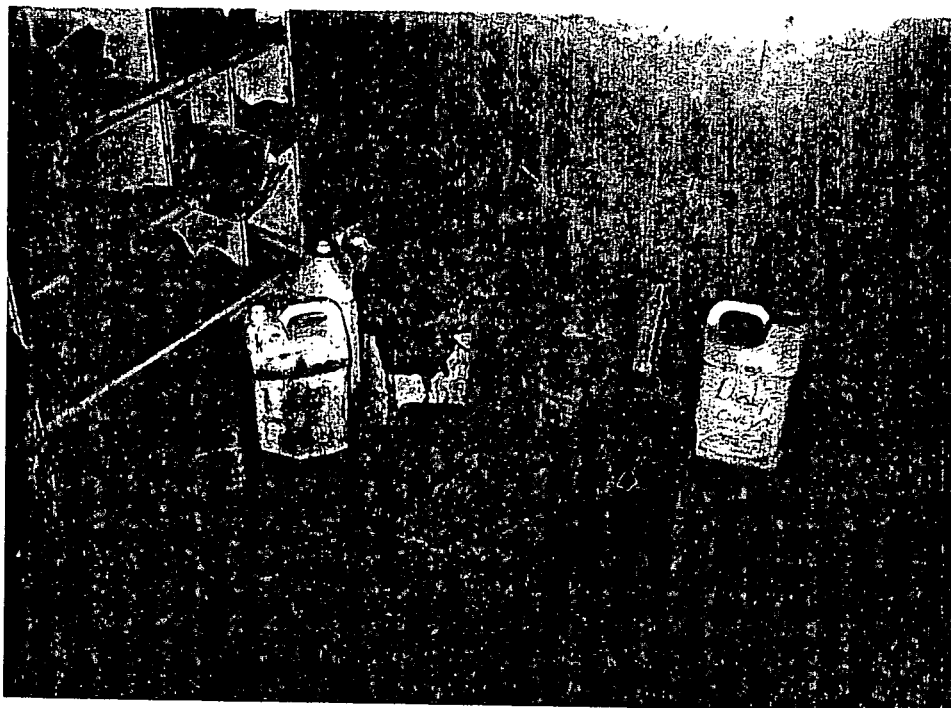
PHOTOGRAPH 20: Chemical Storage room.



PHOTOGRAPH 21: Chemical storage room.



PHOTOGRAPH 22: Garage - oil leak from open container.



PHOTOGRAPH 23: Garage - waste oil storage - unlabeled and uncapped.

APPENDIX E

CLIENT-PROVIDED INFORMATION

PROFESSIONAL SERVICE INDUSTRIES, INC. ENVIRONMENTAL QUESTIONNAIRE & DISCLOSURE STATEMENT

Purchaser/Borrower: _____
 Owner/Biller: _____
 Subject Site: BELTON GOLF COURSE

Agricultural ☒ Commercial _____ Industrial _____ Residential _____ Office _____
 A. Current/Future Use of the Site

- Description of current use of property: GOLF COURSE
- Completion date of original construction and substantial renovations: UNKNOWN
- Name(s) of previous occupant(s): USAF
- Description of previous use(s) of property: GOLF COURSE
- Who, if anyone, have you had check the recorded land title records for evidence of environmental liens associated with the site? None
- Detail any environmental liens recorded against the property: None

B. Air Emissions - Are you aware of any of the following, currently and/or historically, on-site?

	Y	N	N/A
1. Sources of air emissions - stacks			
2. Sources of air emissions - vents			<input checked="" type="checkbox"/>
3. Air pollution control equipment			<input checked="" type="checkbox"/>
4. Emission monitoring equipment			<input checked="" type="checkbox"/>

Please provide information on any "Yes" answer(s): _____

C. Hazardous Materials - Are you aware of any of the following, currently and/or historically, on-site?

	Y	N	N/A
1. Asbestos containing material (ACM)			
2. Assessments for ACM (please attach)	-	✓	-
3. Polychlorinated Biphenyls (PCBs) in transformers	-	✓	-
4. PCBs in other equipment	-	✓	-
5. Fuel/chemical storage - tanks, underground	-	✓	-
6. Fuel/chemical storage - tanks, aboveground	-	✓	-
7. Fuel/chemical storage - tank leak test data	✓	-	-
8. Fuel/chemical storage - drums or containers	-	-	✓
9. Pesticides, herbicides or other agricultural chemicals	-	✓	-
10. Generation of hazardous/toxic material	✓	-	-
11. Storage or disposal of hazardous/toxic material	-	✓	-

Please provide information on any "Yes" answer(s): 250 GAL GAS/GOLF
COURSE 115E FERT, PESTICIDES, FUEL/OIL

D. Water/Wastewater discharges - Are you aware of any of the following, currently and/or historically, on-site?

	Y	N	N/A
1. Sources of wastewater discharges - to surface			
2. Sources of wastewater discharges - to onsite tanks	-	✓	-
3. Sources of wastewater discharges - to public sewers	-	✓	-

Please provide information on any "Yes" answer(s): _____

E. Waste Disposal - Are you aware of any of the following, currently and/or historically, on-site?

	Y	N	N/A
1. Sources of liquid waste - (Other than domestic wastewater)			
2. Sources of solid waste - (Other than garbage)	-	✓	-

Please provide information on any "Yes" answer(s): _____

UCI-05 95 13:15 FROM:KCMO R/G AIRPORT
SEP-18 95 16:13 FROM:KCI P&D
SEP 18 '95 15:47 FR LAURENCE ADV EMU MORT

170E 342 918

816-322-4948
816-243-2250

TO:816 243 2250
TO:816 322 4948

ET:21 S6. S0 100

PAGE:04
PAGE:004-004

F. Miscellaneous

1. Is the purchase price of the property significantly lower than comparable properties?

Y N N/A

2. Provide the name and telephone number of the key site manager and/or alternate to be interviewed: Brian Hensley 331-9356

As a duly authorized representative of the owner of the property, I state that, to the best of my knowledge, information, and belief, the information disclosed above is true, correct and complete.

KANSAS CITY, MO
(Owner's Name)

By: [Signature]
(Signature)

COIT PROFESSIONAL
(Title)

Form 1001-02

Professional Service Industries, Inc.

© 1993 Professional Service Industries, Inc.

3

** TOTAL PAGE:04 **

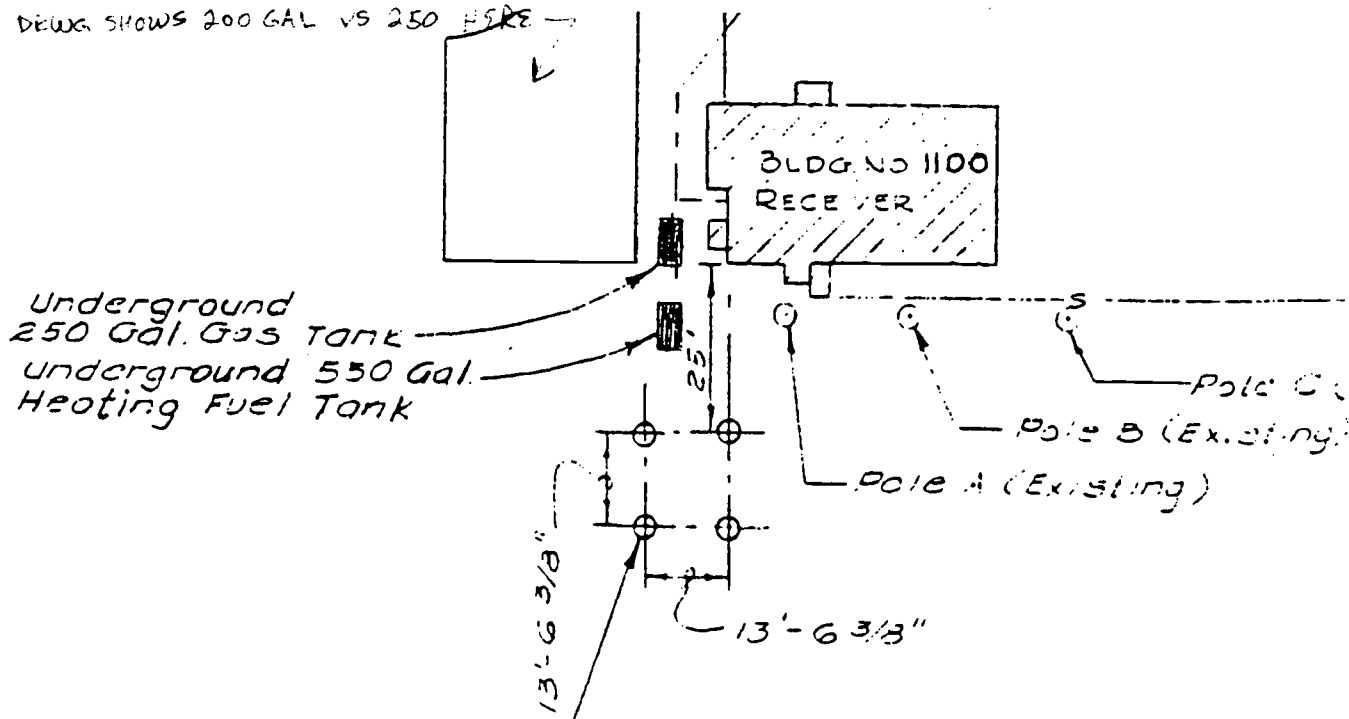
UST DATA SHEET Base: RGB Tank ID: 1100A Status: REMOVED ☐ In Use
 Installed: 24 MAY 53 Removed: JUL 88 CEMM Risk Score: NA ☐ Corr Action
 Capacity: 250 Contents ☐ F02 ☒ GAS ☐ DSL ☐ JP4 or: _____
 Tank installation was certified ☐ locally, ☐ by the state, ☐ by a PE
 Tank installation was inspected by ☐ fire marshall, ☐ state inspector
☐ Tank installer used manufacturers checklist ☐ tank is registered
 Regulated by: ☐ 40CFR280 ☐ 40CFR265 ☐ CWA407 ☐ State Code
☐ Local ☒ Firecode ☐ AFRES ☐ USAF ☐ Other: _____
☐ Consumptive heat ☒ Emergency power ☐ Hazmat ☐ Other use: _____
☐ Field constructed tank ☐ Hydrant system tank ☐ OWS ☐ OWS holding tank
 Facility/building served: 1100 Tank location: _____
 Tank LD upgrade required by: ☒ Exempt ☐ 89 ☐ 90 ☐ 91 ☐ 92 ☐ 93
 agency: ☐ USAF ☐ AFRES ☐ Local ☐ State ☐ Federal
☐ Single wall ☐ Double wall ☐ Barrier Tank material ☐ S ☐ F or: _____
 Tank LD type: ☐ None ☐ Intersitual monitoring ☐ Barrier monitoring
☐ Autogauging ☐ Vapor monitoring ☐ Water monitoring
☐ Vapor/Water monitoring site assessment on file
 TLD good till '98 => ☐ Sticking ☐ Reconciling ☐ Tank pressure testing
 Date of last tank pressure test: _____

Pipe LD upgrade required by: ☒ Exempt ☐ 89 ☐ 90 ☐ 91 ☐ 92 ☐ 93
 agency: ☐ USAF ☐ AFRES ☐ Local ☐ State ☐ Federal
☐ Piping system #1 classified: ☐ pressurized ☐ suction ☐ gravity
☐ 1, ☐ 2 wall pipe length: _____ ft Pipe material ☐ S ☐ F or: _____
 pipe #1 LD upgrades: ☐ None ☐ Periodic line tests ☐ ALLDS
 Last #1 line test date: _____ Needs ☐ annual, ☐ 3-year line tests
☐ Piping system #2 classified: ☐ pressurized ☐ suction ☐ gravity
☐ 1, ☐ 2 wall pipe length: _____ ft Pipe material ☐ S ☐ F or: _____
 pipe #2 LD upgrades: ☐ None ☐ Periodic line tests ☐ ALLDS
 Last #2 line test date: _____ Needs ☐ annual, ☐ 3-year line tests
 SOP: ☐ Exempt ☐ Transfers < 25 gal Req'd: ☐ AFRES-90 ☒ FED-98 ☐ _____
☐ Has catchment basin ☐ Overflow high-level cuts off at _____ percent volume
☐ Overflow restriction engages at _____ percent of the tanks volume
 TCP: ☐ Exempt ☐ OK, non-metal Required: ☐ AFRES-90 ☒ FED-98 ☐ _____
 In-tank CP type: ☐ Anode ☐ IC ☐ Internal lining: _____
☐ External TCP type: ☐ Anode ☐ IC ☐ Tank coating: _____
 TCP testing is required every ☐ 60 days ☐ 3 years Last test: _____
 PCP: ☐ Exempt ☐ OK, non-metal Required: ☐ AFRES-90 ☒ FED-98 ☐ _____
☐ External PCP type: ☐ Anode ☐ IC ☐ Pipe coating: _____
 PCP testing is required every ☐ 60 days ☐ 3 years Last test: _____

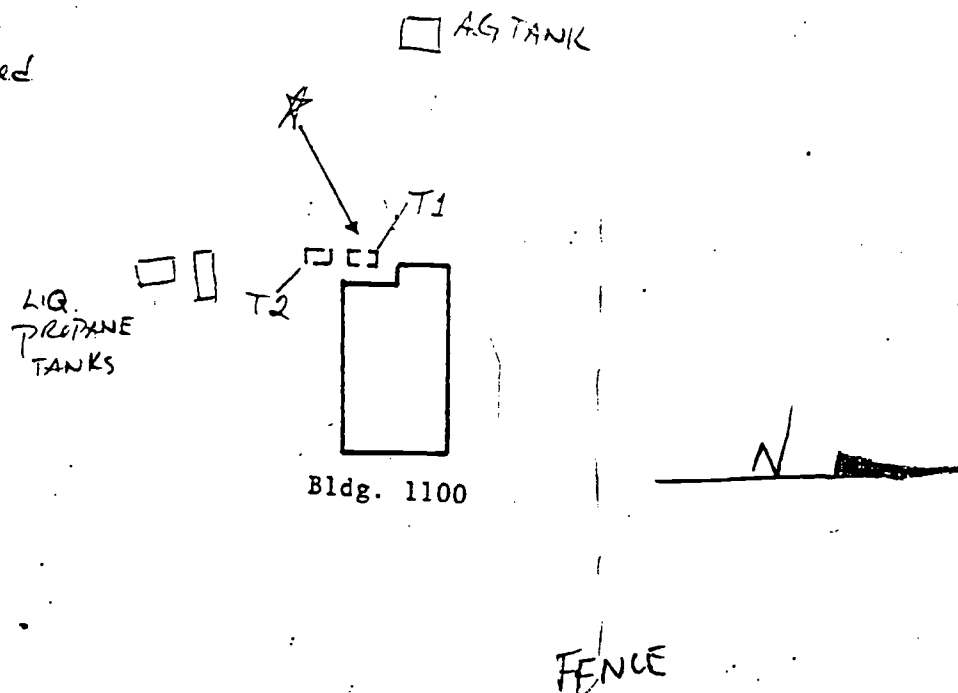
PLANS: NONE

also #2005

DEWG SHOWS 200 GAL VS 250 HSDR



Note: PIPE 2" under
GRAVEL not capped



CURRENT STATUS: N/A

CONTENTS: GASOLINE (MILAS)

FROM: UNKNOWN

TO: UNKNOWN

CONTENTS ANALYSIS: AWAITING RESULTS

SAMPLE NUMBER: T2005

SAMPLE DATE: 13 JAN 86

PRESSURE TEST RESULTS: NONE PERFORMED TO DATE

DATE PERFORMED:

TANK SIZE: 275 GALLON

CATHODIC PROTECTION SYSTEM STATUS: NONE PRESENTLY INSTALLED

DATE INSTALLED:

TANK INSTALLATION DATE: UNKNOWN

TANK REPLACEMENT DATE:

(IN-USE TANKS ONLY)

TANK REMOVAL DATE:

(IN-USE TANKS ONLY)

TANK DISPOSAL DATE:

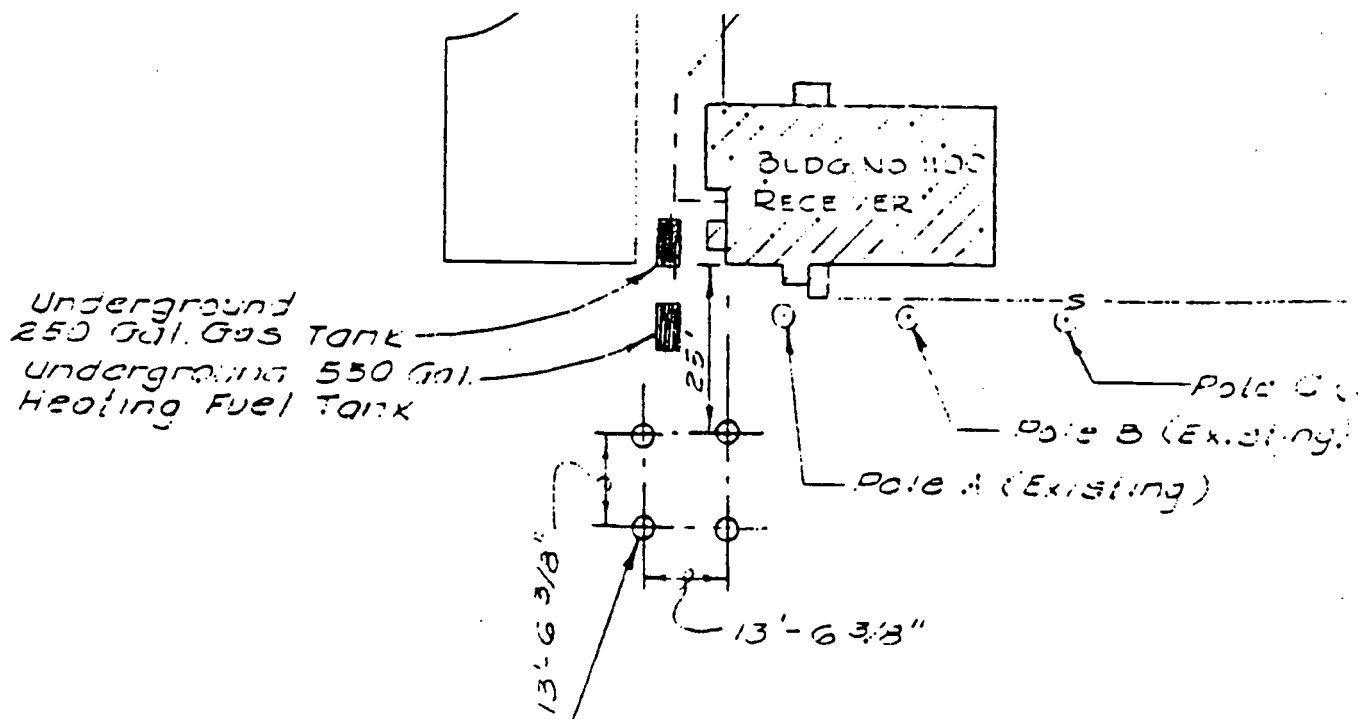
GEOGRAPHIC LOCATION: 21309

(IF COORDINATES STATED, REFER TO
MAP 1, BASE CRASH & DISASTER
CONTROL PLAN, 7 MAY 84)

T2465 TANK NUMBER: 1100 T1 ANUM6

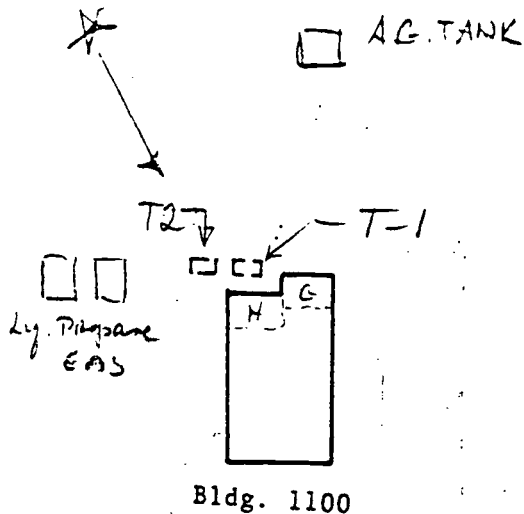
FACILITY NUMBER: RFD 1100

UST DATA SHEET Base: RGB Tank ID: 1100B Status: REMOVED ☐ In Use
 Installed: 24 MAY 53 Removed: JUL 88 CEMM Risk Score: NA ☐ Corr Action
 Capacity: 550 Contents ☒ F02 ☐ GAS ☐ DSL ☐ JP4 or: _____
 Tank installation was certified ☐ locally, ☐ by the state, ☐ by a PE
 Tank installation was inspected by ☐ fire marshall, ☐ state inspector
☐ Tank installer used manufacturers checklist ☐ tank is registered
 Regulated by: ☐ 40CFR280 ☐ 40CFR265 ☐ CWA407 ☐ State Code
☐ Local ☒ Firecode ☐ AFRES ☐ USAF ☐ Other: _____
☒ Consumptive heat ☐ Emergency power ☐ Hazmat ☐ Other use: _____
☐ Field constructed tank ☐ Hydrant system tank ☐ OWS ☐ OWS holding tank
 Facility/building served: 1100 Tank location: _____
 Tank LD upgrade required by: ☒ Exempt ☐ 89 ☐ 90 ☐ 91 ☐ 92 ☐ 93
 agency: ☐ USAF ☐ AFRES ☐ Local ☐ State ☐ Federal
☒ Single wall ☐ Double wall ☐ Barrier Tank material ☒ S ☐ F or: _____
 Tank LD type: ☒ None ☐ Intersitual monitoring ☐ Barrier monitoring
☐ Autogauging ☐ Vapor monitoring ☐ Water monitoring
☐ Vapor/Water monitoring site assessment on file
 TLD good till '98 => ☐ Sticking ☐ Reconciling ☐ Tank pressure testing
 Date of last tank pressure test: _____
 Pipe LD upgrade required by: ☒ Exempt ☐ 89 ☐ 90 ☐ 91 ☐ 92 ☐ 93
 agency: ☐ USAF ☐ AFRES ☐ Local ☐ State ☐ Federal
☒ Piping system #1 classified: ☐ pressurized ☒ suction ☐ gravity
☒ 1, ☐ 2 wall pipe length: _____ ft Pipe material ☒ S ☐ F or: _____
 pipe #1 LD upgrades: ☒ None ☐ Periodic line tests ☐ ALLDS
 Last #1 line test date: _____ Needs ☐ annual, ☐ 3-year line tests
☒ Piping system #2 classified: ☐ pressurized ☐ suction ☒ gravity
☒ 1, ☐ 2 wall pipe length: _____ ft Pipe material ☒ S ☐ F or: _____
 pipe #2 LD upgrades: ☒ None ☐ Periodic line tests ☐ ALLDS
 Last #2 line test date: _____ Needs ☐ annual, ☐ 3-year line tests
 SOP: ☒ Exempt ☐ Transfers < 25 gal Req'd: ☐ AFRES-90 ☐ FED-98 ☐ _____
☐ Has catchment basin ☐ Overflow high-level cuts off at _____ percent volume
☐ Overflow restriction engages at _____ percent of the tanks volume
 TCP: ☒ Exempt ☐ OK, non-metal Required: ☐ AFRES-90 ☐ FED-98 ☐ _____
 In-tank CP type: ☐ Anode ☐ IC ☐ Internal lining: _____
☐ External TCP type: ☐ Anode ☐ IC ☐ Tank coating: _____
 TCP testing is required every ☐ 60 days ☐ 3 years Last test: _____
 PCP: ☒ Exempt ☐ OK, non-metal Required: ☐ AFRES-90 ☐ FED-98 ☐ _____
☐ External PCP type: ☐ Anode ☐ IC ☐ Pipe coating: _____
 PCP testing is required every ☐ 60 days ☐ 3 years Last test: _____
 PLANS: NONE
 also #1100B



NOTE!

- THIS TANK CANNOT BE FOUND
TO TEST



CURRENT STATUS: UNKNOWN

CONTENTS: FUEL OIL

FROM: 24 APR 53

TO: UNKNOWN

CONTENTS ANALYSIS: NONE PERFORMED TO DATE

SAMPLE NUMBER: _____

SAMPLE DATE: _____

PRESSURE TEST RESULTS: NONE PERFORMED TO DATE

DATE PERFORMED: _____

TANK SIZE: 550 GALLON

CATHODIC PROTECTION SYSTEM STATUS: NONE PREVIOUSLY INSTALLED

DATE INSTALLED: 1

TANK INSTALLATION DATE: 24 APR 53

TANK REPLACEMENT DATE: _____

(IN-USE TANKS ONLY)

TANK REMOVAL DATE: _____

(IN-USE TANKS ONLY)

TANK DISPOSAL DATE: _____

GEOGRAPHIC LOCATION: P. 11 8 29

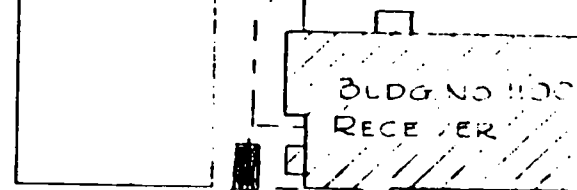
(IF COORDINATES STATED, REFER TO
MAP 1, BASE CRASH & DISASTER
CONTROL PLAN, 7 MAY 84)

T2423

TANK NUMBER: 1100 T2A NUDD

FACILITY NUMBER: REB 1100

Underground
250 Gal. Gas Tank
Underground 550 Gal.
Heating Fuel Tank



LOCATION OF PIERS
TO BE INSTALLED
SEE SHEET NO. 3 OF 3
DRWG NO. RGB 131-10
FOR 80' TOWER
NOTE: THE TOPS OF ALL
4 OF THESE REINFORCED
CONC. PIERS SHALL BE SET
AT THE SAME ELEV. AND
SHALL BE LEVEL AND TRUE

FAC. 1104



CURRENT STATUS: BELTON PROPERTY (REMOVED)

CONTENTS: FUEL OIL

FROM: UNKNOWN

TO: 14 SEP 62

CONTENTS ANALYSIS: NONE PERFORMED TO DATE

SAMPLE NUMBER: _____

SAMPLE DATE: _____

PRESSURE TEST RESULTS: NONE PERFORMED TO DATE

DATE PERFORMED: _____

TANK SIZE: 1000 GALLON

CATHODIC PROTECTION SYSTEM STATUS: NONE PRESENTLY INSTALLED

DATE INSTALLED: _____

TANK INSTALLATION DATE: UNKNOWN

TANK REPLACEMENT DATE: _____

(IN-USE TANKS ONLY)

TANK REMOVAL DATE: 14 SEP 62

(IN-USE TANKS ONLY)

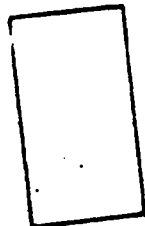
TANK DISPOSAL DATE: _____

GEOGRAPHIC LOCATION: P 3, 2.12

(IF COORDINATES STATED, REFER TO
MAP 1, BASE CRASH & DISASTER
CONTROL PLAN, 7 MAY 84)

TANK NUMBER: TN-3418

FACILITY NUMBER: 1104



FAC. 1106

CURRENT STATUS: BELTON PROPERTY (UNK)

CONTENTS: FUEL OIL

FROM: 20 MAY 59

TO: PRESENT

CONTENTS ANALYSIS: NONE PERFORMED TO DATE

SAMPLE NUMBER: _____

SAMPLE DATE: _____

PRESSURE TEST RESULTS: NONE PERFORMED TO DATE

DATE PERFORMED: _____

TANK SIZE: 1000 GALLON

CATHODIC PROTECTION SYSTEM STATUS: NONE PRESENTLY INSTALLED

DATE INSTALLED: _____

TANK INSTALLATION DATE: 20 MAY 59

TANK REPLACEMENT DATE: _____

(IN-USE TANKS ONLY) _____

TANK REMOVAL DATE: _____

(IN-USE TANKS ONLY) _____

TANK DISPOSAL DATE: _____

GEOGRAPHIC LOCATION: 0.45, 2.49

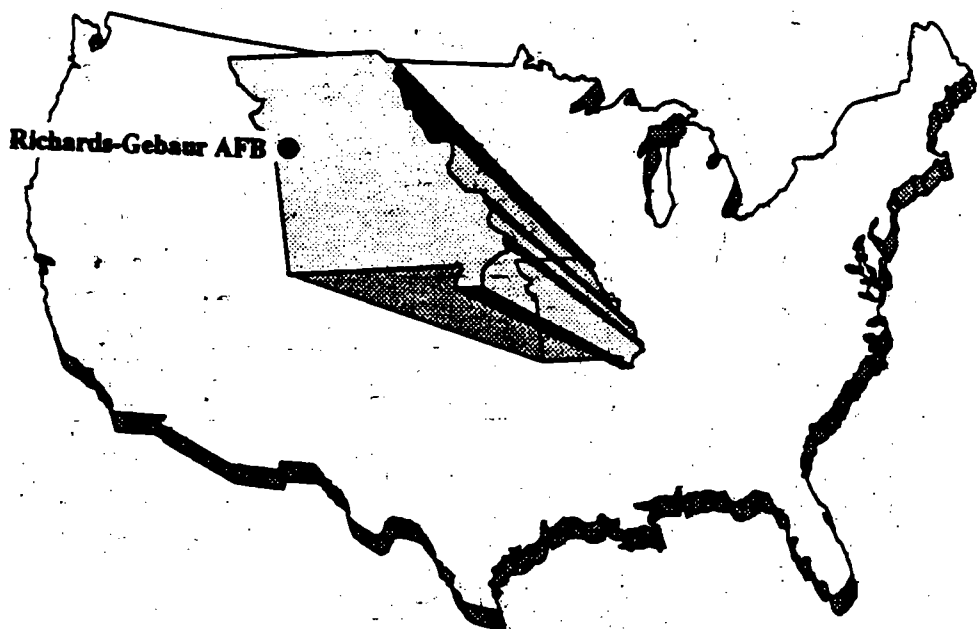
(IF COORDINATES STATED, REFER TO
MAP 1, BASE CRASH & DISASTER
CONTROL PLAN, 7 MAY 84)

TANK NUMBER: TN-3019

FACILITY NUMBER: 1106



BASEWIDE
ENVIRONMENTAL BASELINE SURVEY
RICHARDS-GEBAUR AIR FORCE BASE,
MISSOURI
December 1993



3.0 FINDINGS FOR BASE PROPERTY

This chapter of the EBS presents the findings of the records search, VSI, and personnel interviews for on-base properties. Section 3.1 provides a history of the base, while Section 3.2 gives a description of the environmental setting of the base, including utilities. Sections 3.3 and 3.4 describe resource findings and conclusions. Overall property categorization is presented in Chapter 5. Resources within Section 3.4 are disclosure issues only and are not used in property categorization.

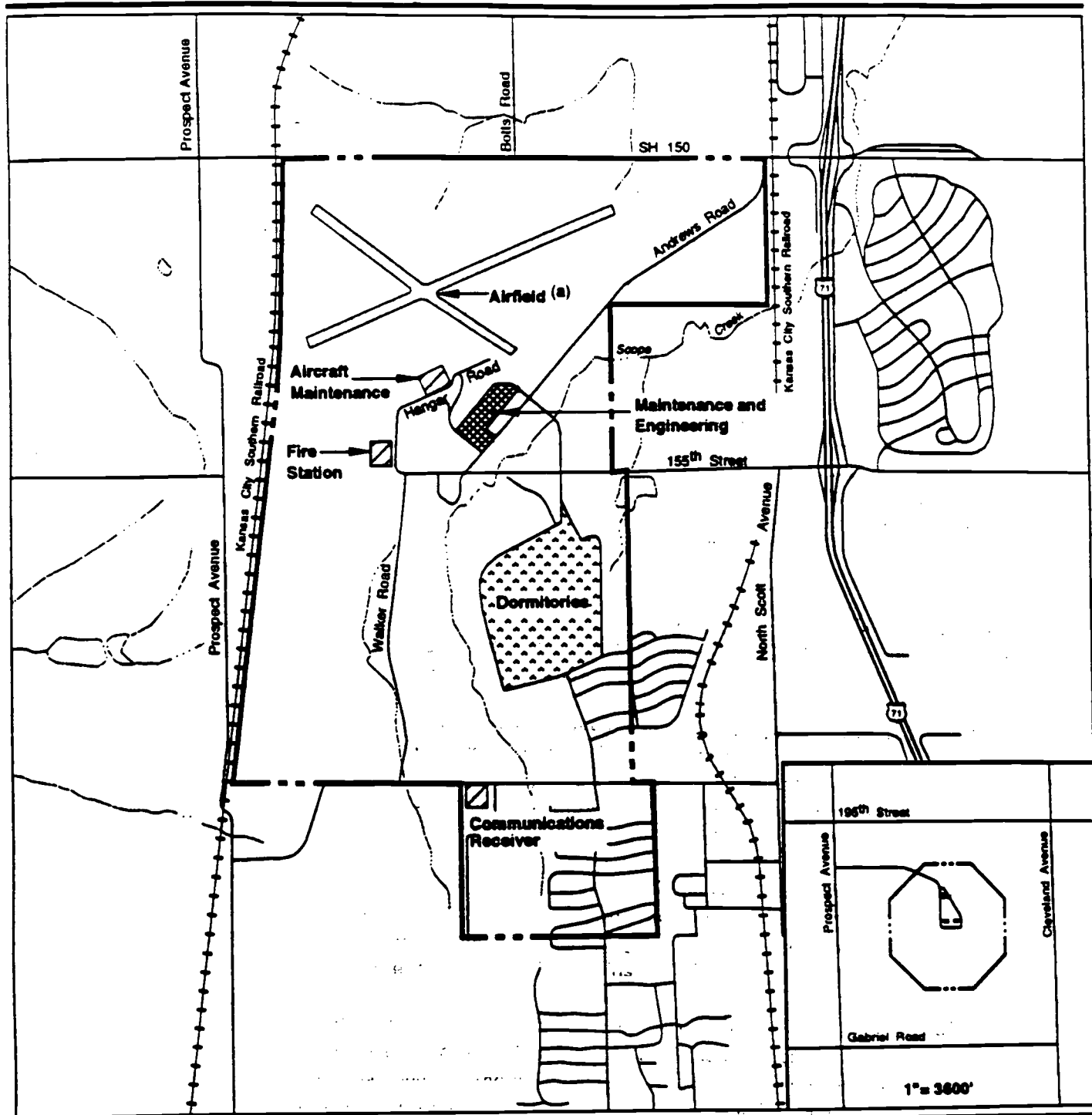
Based on a review of existing documentation and/or the VSI, some sites were identified as potentially requiring remediation. If necessary, remediation of sites not currently undergoing restoration will be accomplished as part of the IRP or other environmental programs.

The data within each resource have been organized into tables, which are provided after Section 3.4.4. The Resource Map is provided as Figure 5-1 in Section 5.3. The data listed in the tables and shown on the resource map are based on information obtained from Richards-Gebaur AFB during the records search and VSI. Because historic data were incomplete, data gaps are shown as unknown or are footnoted at the bottom of the tables.

3.1 HISTORY AND CURRENT USAGE

The area now known as Richards-Gebaur AFB was initially acquired by Kansas City in 1941 as an auxiliary airport and was named Grandview Airport. In 1952, the Air Force leased Grandview Airport from Kansas City for the location of the Central Air Defense Command headquarters. In 1953 the property was formally conveyed to the U.S. government, and in 1955 the site became Grandview AFB. The base was renamed in 1957 to honor First Lieutenant John F. Richards II, who died in combat in World War I, and Lieutenant Colonel Arthur W. Gebaur, Jr., who was killed during the Korean War. Both pilots were natives of Kansas City.

Prior to 1941, the Richards-Gebaur AFB area consisted of farmland. Grandview Airport was leased to the Air Force with some development, but the Air Force built the majority of the buildings and pavement. Major land uses associated with Grandview AFB in 1955 included the airfield, which may have included only the cross-wind runways; aviation support areas, which consisted of a mobile radio transceiver, aircraft maintenance hangar, and the fire station; a maintenance and engineering area; and a billeting complex (Figure 3-1).



EXPLANATION

	Airfield		Institutional (Education) (b)		Agriculture (b)
	Aviation Support		Commercial (b)		Vacant Land
	Industrial		Residential		Base Boundary
	Institutional (Medical) (b)		Public/Recreation (b)		



(a) Assumed position and layout.

(b) Standard land use designation not applicable to this figure.

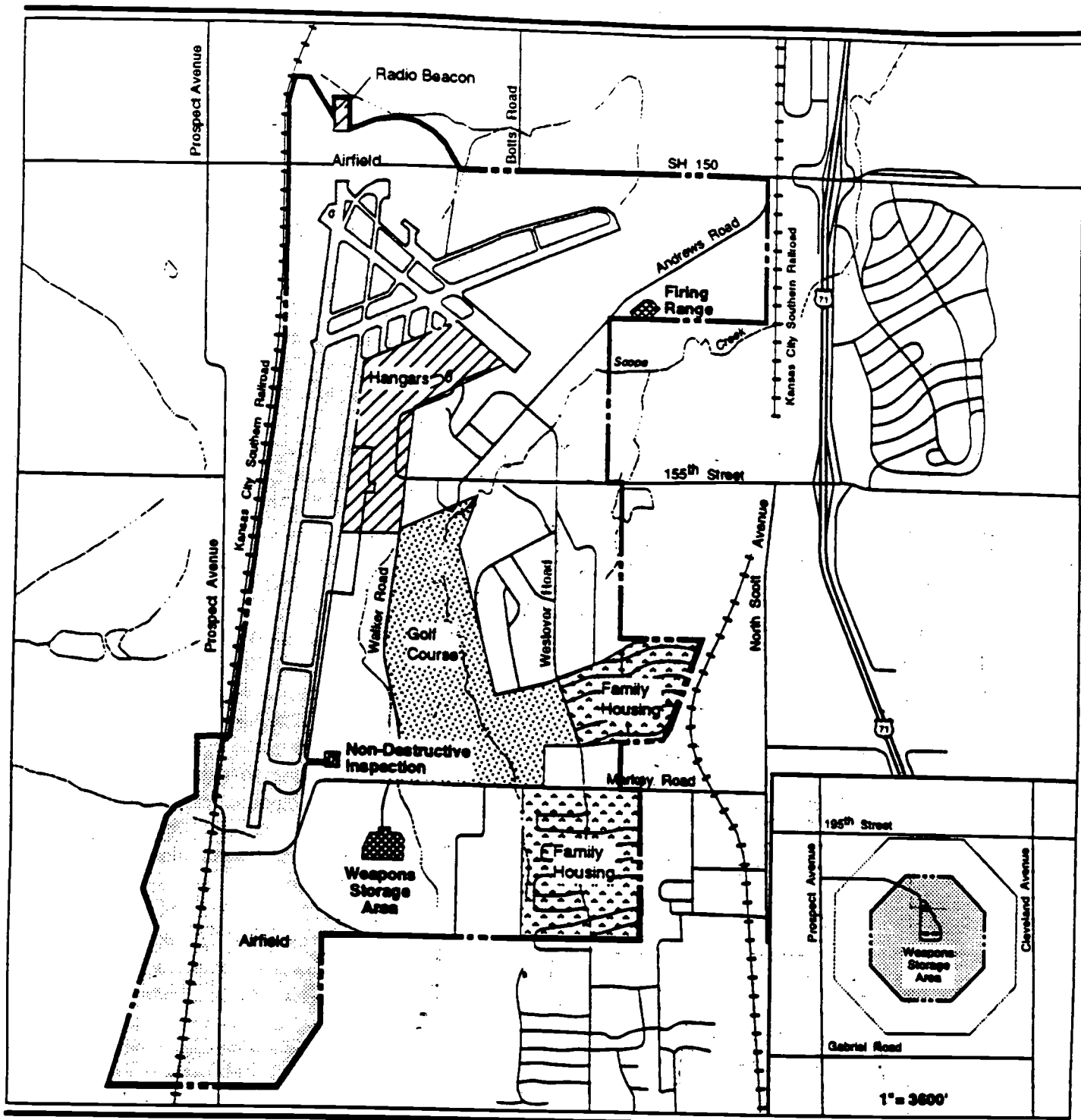
Major Land Use (1955)

Figure 3-1

In the late 1950s and early 1960s, the Air Force purchased additional property adjacent to the base to lengthen the primary runway and develop family housing areas. Flightline facilities were built and a golf course was developed in 1962. Major land use changes during this time included the enlarged airfield land use; adjacent hangars and aircraft maintenance facilities; industrial land uses associated with a small weapons bunker and NDI laboratory adjacent to the airfield, and the larger storage annex south of the base; and a small arms range in the northeast portion of the base (Figure 3-2). The family housing units were added in 1959 and 1960. At about the same time, the Air Force also purchased a site in the center of an undeveloped section 4 miles south of the base in Cass County, and an associated 287-acre safety easement for weapon storage.

Richards-Gebaur AFB remained an Air Defense Command base until 1970, when the Air Force Communications Command relocated its headquarters from Scott AFB, Illinois to Richards-Gebaur AFB. In 1977, the Air Force Communications Command returned to Scott AFB, and the Military Airlift Command assumed control of the base. The area now known as the Belton Training Complex was made into a drop zone for training, retaining the safety easement. Between 1977 and 1979, the number of active duty military and civilian personnel at Richards-Gebaur AFB was drastically reduced, with the majority of the operations support functions performed by civilian contractors. In August 1985, 1,360 acres of Richards-Gebaur AFB, including the airfield, were conveyed to Kansas City, and this property was named Richards-Gebaur Airport. The Air Force retained approximately 428 acres in 11 parcels, as well as a 106-acre easement surrounding the Weapons Bunker southeast of the airfield and a 20-acre area associated with the Small Arms Range. Since that time, the U.S. Air Force Reserve has operated at the Richards-Gebaur Airport under a joint use agreement with the Kansas City Aviation Department.

Few changes have occurred on base since 1985. The 1993 land uses include aviation support areas associated with aircraft maintenance and storage hangars and the Mobile Radio Transceiver and Air Traffic Transceiver; and industrial areas, including the Small Arms Range, Weapons Bunker, Fire Training Area, and an expanded engineering and maintenance area within the Cantonment Area (Figure 3-3). In addition, there are institutional (medical) land uses associated with medical supply and training functions, and institutional (education) land uses associated with the drop zone or Belton Training Complex. Other land uses include commercial office and retail areas within the Cantonment Area, residential areas associated with remaining dormitories, public/recreation areas associated with ball fields, and open space along Scope Creek. The rest of the base areas are undeveloped.



EXPLANATION

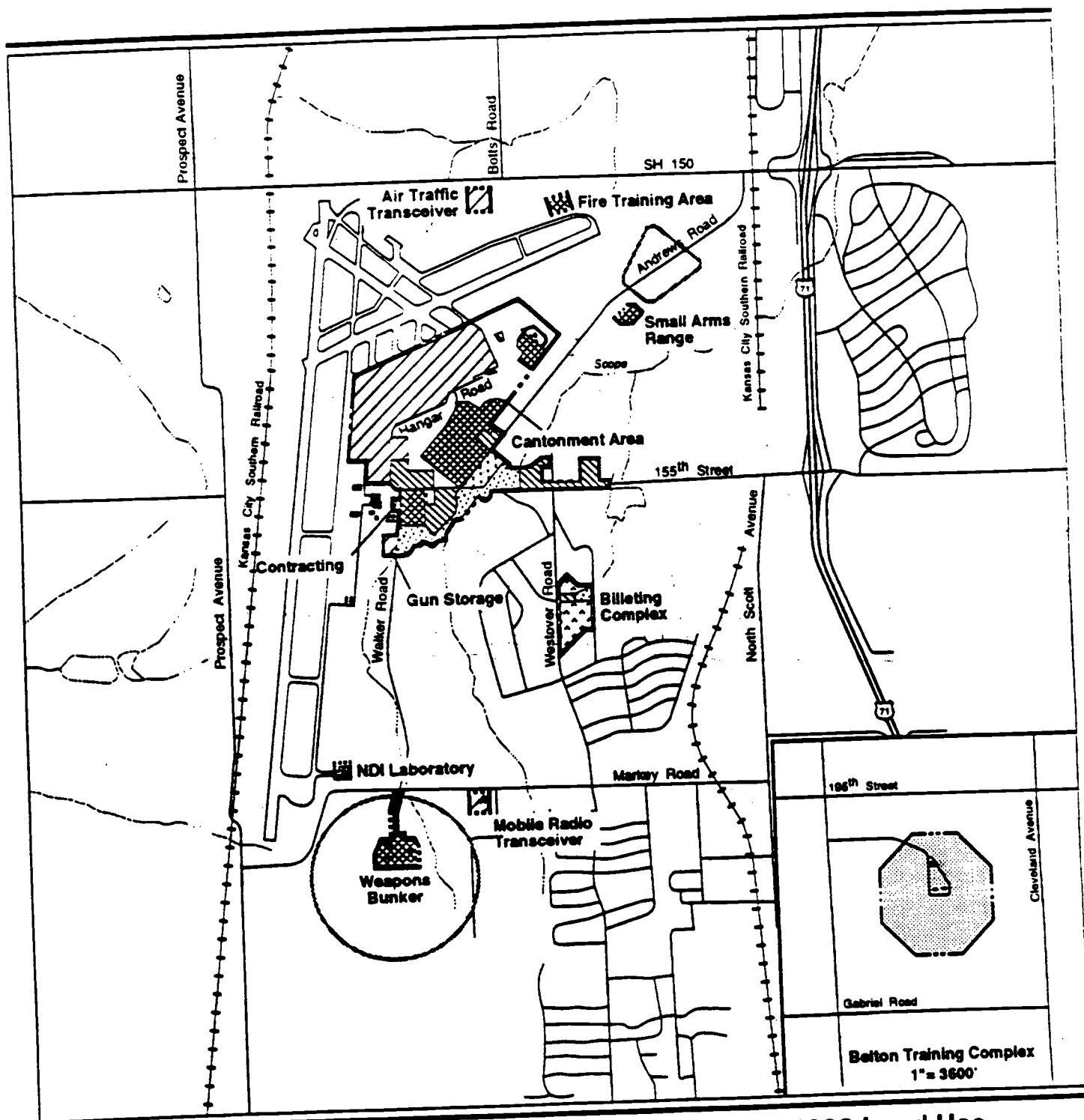
Airfield	Institutional (Education) (a)	Agriculture
Aviation Support	Commercial (a)	Vacant Land
Industrial	Residential	Base Boundary
Institutional (Medical) (a)	Public/Recreation	Easement



(a) Standard land use designation not applicable to this figure.

Major Land Use Changes (1966)

Figure 3-2



EXPLANATION

- Airfield (a)
- Aviation Support
- Industrial
- Institutional (Medical)

- Institutional (Education) (a)
- Commercial
- Residential
- Public/Recreation

- Agriculture
- Vacant Land
- Base Boundary
- Easement

0 625 1250 2500 Feet



(a) Standard land use designation not applicable to this figure.

1993 Land Use

Figure 3-3

The area that now comprises Richards-Gebaur AFB includes property acquired by fee purchase or Declaration of Taking between 1941 and 1960. Three parcels were expropriated by the Air Force between 1974 and 1979.

A recorded chain of title search was conducted for on-base parcels to determine prior ownership or uses that could reasonably have contributed to an environmental concern. A review of the data obtained from the title search did not identify any areas of environmental concern related to past property usage. The title search included ownership of parcels from June 1933 through June 1993. These parcels are described in Appendix D.

Historical facility usage at the base was also researched. Facilities that were converted to accommodate different uses, as well as facilities that have been demolished, are listed in Appendix E.

3.2 ENVIRONMENTAL SETTING

Richards-Gebaur AFB is in west-central Missouri, approximately 3 miles from the Kansas state line (see Figure 1-1). The base property is divided by the Jackson and Cass County line, running east-west. The base is surrounded by Kansas City. To the northeast is the city of Grandview, and to the east and south, in Cass County, is the city of Belton.

Richards-Gebaur AFB encompasses approximately 428 acres. Air Force property consists of a Cantonment Area and ten non-contiguous parcels. Two of these parcels are located in the City of Belton, and the Belton Training Complex is located in an unincorporated area of Cass County approximately 4 miles south of the base. The remaining outlying sites are located within the City of Kansas City, near the Cantonment Area.

The topography of the area consists of rolling hills with elevations varying from 960 to 1,125 feet above mean sea level. The base is situated on the south-central portion of a broad plateau known as the Blue Ridge.

West-central Missouri exhibits a modified continental climate with rapid weather changes. Mean monthly temperatures range from 26 degrees Fahrenheit (°F) in January to 78°F in July, with an average annual temperature of 54°F. Precipitation in the area averages about 37 inches, with the majority falling in the late spring and early summer and again in the early fall. Tornadoes and thunderstorms are common in the spring and summer.

The utilities provided to Richards-Gebaur AFB are briefly described below.

Water Supply. The Kansas City Water and Pollution Control Department provides water to Richards-Gebaur AFB via two water mains that feed from Missouri Highway (M-)150 and Botts Road to the northern edge of the

- Miscellaneous debris was found scattered along approximately 300 to 400 feet of a stream channel in the northeast portion of the Belton Training Complex. The debris included lumber, tires, several car batteries (one with a broken casing), construction debris, empty 30- and 55-gallon drums, empty flare canisters, empty rocket pods (labeled inert), and various other materials. There was some water flowing in the stream as a result of recent rains. A "Demolition Pit" was labeled on a 1967 C-1 Tab map (Base Plan) and appears to be located within the stream channel; however, no signs of this pit were identified.
- An area designated as the "Training and Burning Area" (C-1 Tab map, 1967) is a circular area approximately 200 feet in diameter on a slight north-facing slope. This area, which is highly eroded through the center and on the north (downhill side), is located along and drains into the stream channel in the northeast portion of the Complex. The area contained two piles of burned ammunition; each pile is approximately 3 feet in diameter and estimated to be 2 to 3 inches deep. These piles contained mostly rifle rounds.
- An area designated as a "Blasting Area" (C-1 Tab, 1967) was inspected, and no evidence of blasting was identified; the area was heavily vegetated.
- A stone cistern was discovered along an active stream bed on the Belton Training Complex/easement property line approximately 400 feet south of the access road. The cistern was estimated to be 6 feet in diameter and 3 feet deep and was likely used to provide water for cattle.

A project is in progress to determine the extent of mercury contamination in the plumbing of Facility 604 (former dental/medical office), which has been closed by the Bioenvironmental Engineering Branch due to health concerns, and the interior was not visually inspected.

Based upon the methodology presented in Chapter 2, no evidence of a release occurring was identified at 22 of the facilities where hazardous waste has been stored or generated; therefore, these facilities are considered Category 2. At the other three facilities, staining and/or stressed vegetation was noted during the VSI, and these facilities are considered Category 7. Specific resource categories for facilities where hazardous wastes were stored or generated are listed in Table 5-1. Petroleum products are discussed in Section 3.3.3.

3.3.2 IRP Sites Identified to Date

The IRP was established to identify, characterize, and remediate CERCLA-related contamination on Air Force installations. The program is designed to

evaluate past disposal sites, control the migration of contaminants, and control potential hazards to human health and the environment.

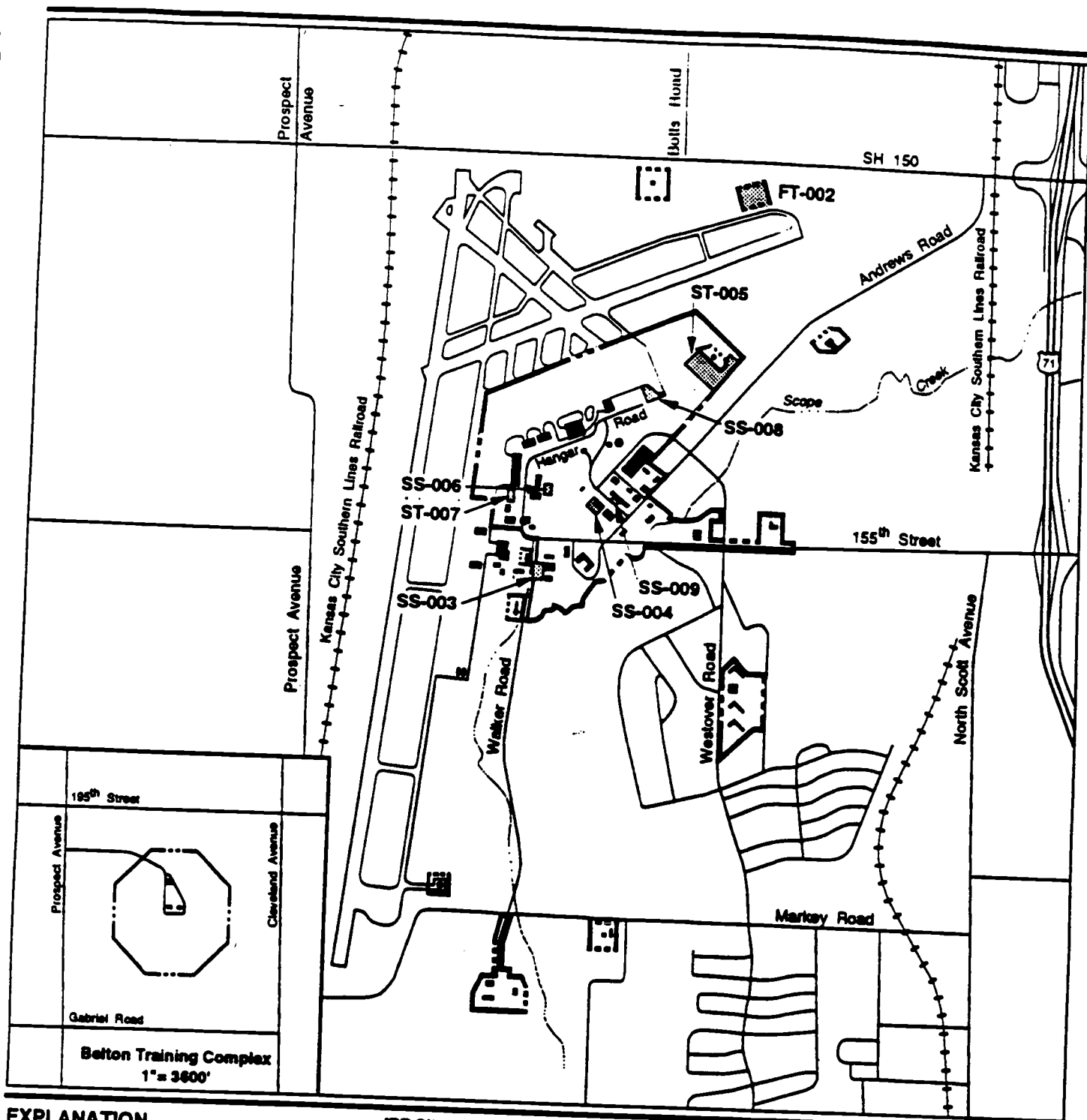
The IRP at Richards-Gebaur AFB was initiated in 1983. Since that time, eight sites of past contamination have been identified. The locations of the eight IRP sites are shown in Figures 3-5 and 5-1. A brief description of each site is presented in Table 3-2.

The 1983 Phase I Records Search identified nine potential disposal sites. Of these, seven were on property that was transferred from the Air Force in 1981; the U.S. Army Corps of Engineers has responsibility for remediation of these sites (see Table 4-5). The other two sites (FT-002, a former fire training area, and SS-003, an oil saturated area) are on Air Force property and are part of the continuing IRP at Richards-Gebaur AFB. The Phase I Records Search found no evidence to indicate the presence of contamination at the Belton Training Complex or migration of contamination onto off-base property.

Phase II studies in 1988 identified one additional site (SS-004, a hazardous waste drum storage area). A 1990 Site Inspection (SI) identified Site ST-005 (the POL Storage Yard) and Site SS-006 (Facility 927, a hazardous material storage area). Site ST-007 (USTs at Facility 902) was discovered in 1988 at the time of a UST removal project. Sites SS-008 (the test cell area) and SS-009 (the fire valve area) were identified during soil excavation projects in 1991 and 1992, respectively.

No Further Action Planned Decision Documents have been submitted to MDNR and the U.S. Environmental Protection Agency (U.S. EPA) for sites SS-003, SS-004, and ST-007, and the base is awaiting comments or concurrence on these three sites. A No Further Action With Deed Restriction Decision Document was filed for Site FT-002 in 1990, but it was rejected by MDNR and U.S. EPA. A 1992 RI detected no groundwater contamination, and no further action for groundwater is recommended at FT-002. Remedial action consisting of landfarming is anticipated at Site ST-005, which is in the Remedial Design stage. An interim removal action has taken place at Site SS-006. An SI at Site SS-008 has been completed and a final report is anticipated in the near future. Site SS-009 was identified in 1992 during a trenching operation to repair a water line. Contaminated soil from an unconfirmed source was identified; no further information is available.

In addition to the mandates of the IRP, prior to the transfer of any property at Richards-Gebaur AFB, the Air Force must also comply with the provisions of CERCLA Section 120(h). CERCLA Section 120(h) requires that, before property can be transferred from federal ownership, the United States must provide notice of specific hazardous waste activities on the property and include in the deed a covenant warranting that "all remedial action necessary



EXPLANATION

- IRP Sites
- Base Boundary

IRP Sites

Site No.	Site Name
FT-002	North Burn Pit
SS-003	Oil Saturated Area
SS-004	Hazardous Waste Drum Storage
ST-005	POL Storage Yard
SS-006	Hazardous Material Storage Building 927
ST-007	Underground Storage Tanks
SS-008	Test Cell Area
SS-009	Fire Valve Area

Installation Restoration Program Sites



Figure 3-5

Table 4-4. State Registered USTs

Map ID	Facility	Address	Number of Tanks
Unable to locate	Richards-Gebaur Airport	No Street Address Kansas City, MO 64147	7
4	Richards-Gebaur Airport	15415 Denver Avenue, Bldg. 1301 Kansas City, MO 64147	1
5	Richards-Gebaur Airport	3500 E. 155th Street, Bldg. 820 Kansas City, MO 64147	1
6	Richards-Gebaur Airport	3514 E. 155th Street, Bldg. 803 Kansas City, MO 64147	1
7	Richards-Gebaur Airport	4500 E. 155th Street Kansas City, MO 64147	1
8	Richards-Gebaur Airport	15403 Andrews Road, Bldg. 611 Kansas City, MO 64147	5
9	Richards-Gebaur Airport	3411 E. 155th Terrace, Bldg. 829 Kansas City, MO 64147	3
10	Richards-Gebaur Airport	3401 E. 155th Terrace, Bldg. 82 Kansas City, MO 64147	2
11	Richards-Gebaur Airport	15600 Spruce Avenue, Bldg. 514 Kansas City, MO 64147	6

Table 4-5. Formerly Used Defense Sites
Page 1 of 2

MAP ID	Site Number	Site Name	Location and Waste Description	Dates of Operation	Current Status
12	1	South Landfill	Near the Non-Destructive Inspection Laboratory and adjacent to Scope Creek. Site was used as a sanitary landfill until 1956. After that until 1961 some wastes, including building rubble, yard debris, and waste from some industrial shop areas, were deposited there.	1954-1961	Records Search and Site Inspection
13	2	Northeast Landfill	East of the Small Arms Range. Site was used for the disposal of miscellaneous wastes including building rubble, yard debris and wastes from some industrial shop areas. The wastes were typically burned and buried in trenches.	1961-1972	Records Search and Site Inspection
14	3	Contractor Rubble Burial Area	West of the golf course along Walker Road. Debris including wood, concrete, masonry and metal. Some use as a sanitary landfill has been reported here.	1954-1978	Records Search and Site Inspection
15	4	West Burn Pit	North of Jackson-Cass County line and west of the main runway. Site was used for fire training exercises for one year. Typically, waste fuels and waste oils were burned during fire training exercises.	1954-1955	Records Search and Site Inspection
16	5	South Burn Area	Southwest of South Landfill. Site used for fire training exercises for 10 years. Typically, waste fuels and waste oils were burned during fire training exercises.	1955-1965	Records Search and Site Inspection
17	7	Radioactive Disposal Well	North of the South Landfill and east of the flightline. Low-level radioactive materials were deposited into a cased well.	1955-1970	Records Search and Site Inspection

Table 4-5. Formerly Used Defense Sites
Page 2 of 2

MAP ID	Site Number	Site Name	Location and Waste Description	Dates of Operation	Current Status
18	8	Herbicide Burial Site	South end of the runway. About four cases of herbicide, reportedly containing mercury, in plastic pint-sized bottles were reportedly buried in a trench.	1971	Records Search and Site Inspection
24	11	Paint Stripper Hangar	Facility 1010, former Air Force fighter alert hangar. A spill of a commercial paint stripper contaminated the surface ditches draining this facility. Also, two metal drum sumps are located outside of two of the hangars and overflow into the surface ditches (<u>IRP Phase II Confirmation/Quantification Stage 2, 1988</u>).	Unknown	Records Search and Site Inspection

APPENDIX F

AUTHOR CREDENTIALS

Deanna Ross

Staff Geologist
Lawrence Environmental Management Department

Professional Experience

Ms. Ross is responsible for the production of Phase I Environmental Site Assessments and Phase II Preliminary Contamination Assessments. Her duties include project management functions from initial client contact and proposal development through final report production. As a staff geologist, she has performed record research, conducted on-site investigations, directed the installation of soil borings and monitoring wells, performed soil and groundwater sampling and conducted well slug tests.

Previously Ms. Ross was a client representative for Professional Service Industries, Inc.'s Environmental Chemistry Division. Prior to that she served as a Supervisor/Microscopist in the Polarized Light Microscopy Division. Duties included performing quality control analysis as well as production analysis using PLM with dispersion staining. She has been employed with PSI for over six years.

Before joining PSI, Ms. Ross was employed as a well-site geologist and responsible for field analysis during oil exploration, primarily in Western Kansas.

Ms. Ross also participates in the maintenance of the PSI PLM laboratory as an accredited laboratory under the EPA interim Laboratory Accreditation Program sponsored by Research Triangle Institute (RTI). The National Bureau of Standards (NBS) began formal operation of the National Voluntary Laboratory Accreditation Program for polarized light microscopy in January, 1989, replacing RTI's program.

Representative Projects

United States Postal Service - Performed Phase I Environmental Site Assessments and Preliminary Contamination Assessments on multiple properties in Des Moines, IA.

City of Kansas City, Missouri - Performed a Phase I Environmental Site Assessment on a two-block area of Kansas City, Missouri.

Colmery O'Neil Veterans Administration Medical Center - Provided on-site services during the evacuation of underground storage tanks and line removals which included soil segregation, air monitoring during clean-up procedures, soil and groundwater analysis and field screening following KDHE guidelines.

Kansas Department of Health and Environment - Performed site investigations at six KDHE Trust Fund sites which included soil borings, monitoring well installation and sampling.

Certifications and Affiliations

OSHA 40-hour Health and Safety Training and Site Supervisor Training
NIOSH 582-Sampling & Evaluating Airborne Asbestos Dust
Phase I Environmental Site Assessment Training
Phase II Environmental Site Assessment Training
McCrone Research Institute
Microscopic Identification of Asbestos & Advanced Asbestos Identification

Education

B.S. Geology, Wichita State University, 1984

Andrew L. Clayton, P.G.

Senior Geologist

Professional Experience

Mr. Clayton is responsible for developing and designing environmental assessment and remediation projects. His duties include supervision of the field assessment, data analysis, and final report production. Where environmental hazards are identified, Mr. Clayton develops remediation options and aids in the design and implementation of the remediation. In addition to several years of field experience, Mr. Clayton spent two years managing PSI's New York branch office and was responsible for the development and supervision of field assessments and mitigation projects. As a PSI Senior Author, Mr. Clayton is responsible for technical support and quality control of environmental projects.

Mr. Clayton previously worked for the Kansas Geological Survey and at Kansas State University and was responsible for the collection and analysis of samples of various rocks, soils, and waters.

Representative Projects

Kansas Department of Health and Environment - Conducted site assessments/investigations at 10 Wichita area Leaking UST Trust Fund sites.

Norfolk Southern Railroad - Conducted a contamination assessment and installed a free-product recovery system at a fueling station site.

J.C. Penney - Conducted a site assessment and assisted in the remedial design at a former UST site.

Lennar Northeast Properties - Reviewed environmental documents and estimated environmental liabilities at 35 sites.

Schwegman Giant Super Markets - Developed a remedial action specification and developed contract documents for this UST site.

St. Louis Regional Convention Center and Sports Complex Authority - Managed the assessment of soil and groundwater contamination at the site of a former bus terminal.

United Parcel Service - Conducted contamination assessments to evaluate the extent of soil and groundwater contamination of four midwest distribution centers. Developed corrective action plans for contaminant remediation at three sites.

Acme Printing Ink - Implemented a vapor extraction system for removal of benzene from contaminated soil.

Circle K Convenience Stores - Designed and produced a remedial action plan to cleanup groundwater contamination resulting from leaking underground storage tanks at an active site.

Certifications and Affiliations

Registered Professional Geologist - TN, IN, KY, PA, MO (Pending)

Registered Ground Water Professional - IA

Certified UST Consultant - OK

OSHA 40-hour Health and Safety

Site Supervisor Training

EPA-certified Asbestos Inspector

Education

M.S. Geology, Kansas State University, 1985

B.S. Geology, Bowling Green State University, 1980